

Unincorporated Non-Agricultural Enterprises Survey

**(Manufacturing, Trade and Other Services)
(Excluding Construction)**

NSS 67th Round
(July 2010 – June 2011)

RESULT BASED ON POOLING OF CENTRAL AND STATE SAMPLE DATA



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Foreword

The Directorate of Economics and Statistics (DES) has been participating in various Rounds of the National Sample Surveys (Socio-Economic Surveys) on the basis of 'equal sample-size'. Now DES has prepared the second publication titled "Unincorporated Non-Agricultural Enterprises Survey: Results based on Pooling of Central and State Sample Data" of 67th Round of NSS (Socio-Economic Survey) which is one of the milestone under 13th Finance Commission grant.

The technical support and guidance provided by the Data Processing Division (DPD) of the National Sample Survey Office (NSSO) in the form of software and hands-on training has been the main driving force.

State has gathered information from 280 FSUs and the Centre also surveyed equal number of FSUs. Gross Value Added per Worker of Enterprises on Broad Activity Category (Manufacturing, Trade and Other Service) has been captured by both the agencies on Schedule 2.34: Enterprise Type Own Account Enterprise and Establishment. Apart from various other important estimates, the report basically presents district-wise pooled estimates of Gross Value Added per Worker (GVAPW), Workers and Emoluments per Hired Worker.

I would like to appreciate the field-work done by the staff positioned in various regional units of the DES. The supervision provided by the District Economic and Statistics Officers, Divisional Deputy Directors and the Officials of the NSS unit in the DES is appreciated. Especially DES Team Shri G. S. Pandey, Deputy Director, and two member team consisting of Shri Gopal Gupta, Addl. Statistical Officer and Shri Alok Kumar, Addl. Statistical Officer who gave final touch for the report. It is due to their efforts that this report could be prepared.

I sincerely urge honorable readers to kindly send their comments and suggestions which will help DES to cater to specific needs of planning and research.



(Y S Pangtey)

Date:

Place: Dehradun

Director

Directorate of Economics & Statistics

Prologue

“Unincorporated Non-Agricultural Enterprises Survey: Results based on Pooling of Central and State Sample Data” is second publication based on 67th Round of NSS (Socio-Economic Survey).

This particular Report is an outcome of the data collected through Schedule 2.34: OAE and EST canvassed for the collection of ‘Gross Value Added’ during the 67th Round. There are 180 rural units (villages) and 100 urban units (blocks) surveyed by the state, and equal numbers of units are covered by the Centre as well. Data entry has been at districts itself, whereas validation checks have been administered at the Directorate. Software provided by the Data Processing Division (DPD) of the National Sample Survey Office (NSSO) has been used for pooling of data pertaining to the state and central samples. Document prepared by the DPD for hands-on training using data for Kerala is strictly followed. However, titles of Tables have been edited suitably, and Notes provided wherever needed. DES is indeed indebted to the field staff that has helped gathering data from the respondents. It is because of their hard work and dedication that state data passed its poolability with the central data in most of the cases. Contribution of Economic and Statistics Officers and Divisional Deputy Directors in supervising and inspecting NSS units is equally acknowledged.

It will not be fair on my part if I appreciate the sincere work done by team-members – Dr. Manoj Kumar Pant, Joint Director, Shri GS Pandey, Deputy Director, Shri B. S. Miyan, Economics and Statistics Officer, Smt Nalini Dhyani, Addl Statistical Officer, Shri Gopal Gupta, Addl. Statistical Officer and Shri Alok Kumar, Addl. Statistical Officer- in preparing the tables and preliminary Report. It is because of their hard work and dedication that this Report could be prepared in the present form.

I would like to make sincere appeal to our honorable readers to kindly provide their valuable comments and suggestions, and also to point out errors and omission, if any.



(Sushil Kumar)

Date:

Additional Director

Place: Dehradun

Directorate of Economics & Statistics

TEAM

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Table of Content

Title	Page No.
Main Text	01 – 12
Appendix-A(Tables)	13 - 61

Unincorporated Non-Agricultural Enterprises Survey

(Excluding Construction)

Results based on Pooling of Central and State Sample Data

1.0 The Directorate of Economics and Statistics (DES) participated in the 67th Round of the National Sample Survey (NSS) on the basis of 'equal sample-size' i.e. the number of rural and urban units surveyed by both the bodies of the Centre and State were equal. There were 180 villages (Rural Units) and 100 urban blocks (Urban Units) surveyed by each of the body. Combined number of unit was 560(Central and State). The Round was focused on 'Unincorporated Non-Agricultural Enterprises (Excluding Construction)'. However, Unincorporated Non-Agricultural Enterprises survey was done canvassing Schedule: 2.34. The enterprises were divided into three broad industry groups viz.

(i) Manufacturing (ii) Trade and (iii) Other Service Sector Enterprises.

Under the above sectorial coverage enterprises were categorized into two types: Own Account Enterprises (OAE) and Establishments(EST).

2.0 The survey period of one year was divided into four sub-rounds (July – September 2010; October – December 2010; January – March 2011 and April – June 2011). State surveyed total 4859 enterprises in which 3098 (1795 – Rural and 1303 – Urban) Own Account Enterprises and 1761 (816 – Rural and 945 – Urban) Establishment Enterprises. Centre surveyed total 6155 Enterprises in which 3660(2335 – Rural and 1325 – Urban) Own Account Enterprises and 2495 (1112 – Rural and 1383 – Urban) Establishment Enterprises.

3.0 **Note:** *Please refer Table-1A and 1B given in Appendix-A.*

4.0 The DPD, NSSO has recently organized a detailed training programme on 18-19 June 2015 at Sardar Patel Bhawan New Delhi. Shri G. S. Pandey (Deputy Director), Shri Gopal Gupta (Addl. Stat. Officer) and Shri Alok Kumar (Addl. Stat. Officer) participated from DES-Uttarakhand.

Methodology of pooling has been demonstrated and states are motivated to undertake the pooling exercise from 67th Round.

5.0 This report is an outcome of the support that received from the DPD, NSSO in the form of technical guidance and software availability. The Software provided by DPD, NSSO, was used for data entry and validation by the state. Consequently, there has been no difficulty in pooling the two sets of data – one each from central and state sample. Considering the smaller sample size at district levels following broad parameters have been considered for pooling.

- a) District wise estimated number of enterprises and workers by sector, enterprise type [OAE(own account enterprise), EST(establishment), ALL] and BAC [broad activity category: Manufacturing(MFG), Trade and Other Services]
- b) State level estimated enterprises and workers by sector, enterprise type (OAE, EST, ALL) and CC (compilation category: 63 NAD CC)
- c) District wise emoluments per hired worker in establishments by sector and BAC
- d) State level emoluments per hired worker in establishments by sector and CC (63 NAD CC)
- e) District wise GVA per enterprises by sector, enterprise type (OAE, EST, ALL) and BAC
- f) State level GVA per enterprises by sector and CC (63 NAD CC)
- g) District wise GVA per worker by sector, enterprise type (OAE, EST, ALL) and BAC
- h) State level GVA per worker by sector and CC (63 NAD CC)

6.0 District-wise following tests are undertaken to test poolability:

- a) District wise Wald-Wolfowitz run test for GVAPW by BAC for central and state sample separately for OAE and EST [non parametric Z-test]

About the Test (Text adopted from DPD Document):

Suppose X and Y are independent random samples with Cumulative Distribution Function (CDF) as $F_s(x)$ and $F_c(y)$. Null Hypothesis to be tested is $H_0: F_s(x) = F_c(x)$ for all x against alternative Hypothesis, $H_1: F_s(x) \leq F_c(x)$ for all x and $F_s(x) < F_c(x)$ for some x. Let $x_1, x_2, \dots, x_m$

be i-th observation from state sample with distributive function F_s and $y_1, y_2, \dots, y_n$ be i-th observation from central sample with distributive function F_c . Pool the data and order them with respect to comparable characteristic under consideration say Gross Value Added per Worker (GVAPW). In the pooled ordered sequence put “1” for X and “0” for Y. Let U be the total runs observed where 'run' is a sequence of adjacent equal symbols. For example, following sequence: 111100011100 is divided in four runs, two of them are made out of “1” and the others are made out of “0”. The number of runs U is a random variable whose distribution for large sample can be treated as normal with:

$$\text{Mean: } \frac{2mn}{m+n} + 1 \quad \& \text{ Variance: } \frac{2mn(2mn - m - n)}{(m+n)^2(m+n-1)}$$

After normalizing the variable U one may use one-sided Z-test for testing the Null hypothesis. In extreme case the value of U will be 2 meaning thereby that observed characteristic of all the observation of one sample are less than the other sample.

- b) District wise Divergence Test (Mean Test) for GVAPW (MFG, TRADE, OTHER SERVICES) between central and state sample [Parametric Z-test]

About the Test (Text adopted from DPD Document):

Let t_{yc} and t_{ys} be the estimate of Y at domain level of pooling based on central and state sample respectively with corresponding variances $V(t_{yc})$ and $V(t_{ys})$. For large sample, making all assumption of parametric test, one may use Z-Statistic to test the null hypothesis H_0 $E(t_{yc}) = E(t_{ys})$ where E stands for expectation.

$$Z = \frac{(t_{yc} - t_{ys})}{\sqrt{(V(t_{yc}) + V(t_{ys}))}} \text{ and } V(t_{yc}) \text{ and } V(t_{ys}) \text{ could be estimated as;}$$

$\hat{V}(t_{yc}) = \sum_l (t_{yc1} - t_{yc2})^2 / 4$, $\hat{V}(t_{ys}) = \sum_l (t_{ys1} - t_{ys2})^2 / 4$ based on sub-sample 1 & 2 estimates. Where; $\sum_l$ stands for summing over stratum x sub-stratum level variance at the domain of pooling.

Let r_c and r_s be the estimate of population rates R_c and R_s i.e. Y/X based on central and state sample respectively with corresponding mean square error $MSE(r_c)$ and $MSE(r_s)$. For large sample, making all assumption of parametric test, one may use Z-Statistic to test the null hypothesis $H_0 E(r_c)=E(r_s)$. Where; E stands for expectation.

$$Z = \frac{(r_c - r_s)}{\sqrt{(MSE(r_c) + MSE(r_s))}}$$

$MSE(r_c)$ and $MSE(r_s)$ are estimated as follows:

$$mse(r_c) = (\hat{V}(t_{yc}) - 2 * r_c \hat{Cov}(t_{yc}, t_{xc}) + r_c^2 * \hat{V}(t_{xc})) / t_{xc}^2$$

$$mse(r_s) = (\hat{V}(t_{ys}) - 2 * r_s \hat{Cov}(t_{ys}, t_{xs}) + r_s^2 * \hat{V}(t_{xs})) / t_{xs}^2$$

Where;

$$\hat{V}(t_{yc}) = \sum_l (t_{yc1} - t_{yc2})^2 / 4, \hat{V}(t_{ys}) = \sum_l (t_{ys1} - t_{ys2})^2 / 4$$

$$\hat{V}(t_{xc}) = \sum_l (t_{xc1} - t_{xc2})^2 / 4, \hat{V}(t_{xs}) = \sum_l (t_{xs1} - t_{xs2})^2 / 4$$

$\hat{Cov}(t_{yc}, t_{xc}) = \sum_l (t_{yc1} - t_{yc2})(t_{xc1} - t_{xc2}) / 4$ based on sub-sample 1 & 2 estimates. Where; $\sum_l$ stands for summing over stratum x sub-stratum level variance, covariance at the domain of pooling.

Note: *Results of these tests are given in Table-2A, 2B, 2C, 2D, 3A, 3B, 3C and 3D in Appendix A.*

7.0 The DPD, NSSO has suggested two alternate methods for pooling of central and state sample data. These methods, detailed below, have been used in preparing the report:

- a) Weighting by Matching Ratio: Building aggregate estimate of pooled sample in proportion matching ratio m:n of central and state sample aggregate estimate; where, m and n are the allotted sample for central and state sample separately for rural and urban sector.

Building ratio estimate of pooled sample as ratio of aggregate estimates.

About the Method (Text adopted from DPD Document):

When the State's participation is equal matching of central samples, the simple average of two estimates may be a way of combining the estimates considering central and state samples as independent samples. The pooled estimate will always lie between the estimates based on central and state sample separately.

- b) Weighting by Inverse of Variance: Ratio estimates are built by weighting the ratio estimate of central and state sample in proportion to inverse of variance of ratio of the central and state sample.

About the Method (Text adopted from DPD Document):

For any characteristic, consider the state sample [s] in the form of two independent sub- sample s1 and s2 and the central sample [c] in the form of two independent sub- sample c1 and c2. Based on this, the respective estimates for state and central can be computed as:

$$t_s = \sum_l (t_{s1} + t_{s2})/2 \text{ and } t_c = \sum_l (t_{c1} + t_{c2})/2$$

Pooled estimate leading to optimum combination of these two estimates is given by weighing with inverse of the variance of the estimate. Thus, the pooled estimate is given by:

$$T_p = \frac{V(t_c)t_s + V(t_s)t_c}{V(t_c) + V(t_s)} \text{ with } V(T_p) = \frac{V(t_c)V(t_s)}{V(t_c) + V(t_s)}$$

In general $V(t_c)$ and $V(t_s)$ are unknown and can be estimated as

$$\hat{V}(t_c) = \sum_l (t_{c1} - t_{c2})^2 / 4, \hat{V}(t_s) = \sum_l (t_{s1} - t_{s2})^2 / 4$$

Where; $\sum_l$ stands for summing over stratum x sub-stratum level variance at the domain of pooling.

Thus, pooled estimate and estimate of pooled variance is given by

$$t_p = \frac{\hat{V}(t_c)t_s + \hat{V}(t_s)t_c}{\hat{V}(t_c) + \hat{V}(t_s)}, \quad \hat{V}(t_p) = \frac{\hat{V}(t_c)\hat{V}(t_s)}{\hat{V}(t_c) + \hat{V}(t_s)}$$

By virtue of weighing the two estimates at the domain level at which two estimates are pooled, the pooled estimate will always lie between the central and state sample estimates.

Further, let r_c and r_s be the estimate of R_c and R_s i.e. Y/X based on central and state sample respectively with corresponding estimated Mean Square Error $MSE(r_c)$ and $MSE(r_s)$. The pooled estimate and estimate of variance of pooled ratio estimate may be given by:

$$r_p = \frac{mse(r_c)r_s + mse(r_s)r_c}{mse(r_c) + mse(r_s)}, \quad mse(r_p) = \frac{mse(r_c)mse(r_s)}{mse(r_c) + mse(r_s)}$$

Where, $MSE(r_c)$ and $MSE(r_s)$ are calculated using formula given in para 6.0 (b) above. Alternatively one can generate the pooled estimate of aggregate by inverse weight of estimate of variance obtained from central and state sample using formula given earlier for the characteristics x as well as y and obtain the pooled estimate of ratio as ratio of pooled estimate of aggregate. This will ensure consistency between pooled estimates of aggregate and the pooled estimate of ratio.

Let t_{xp} and t_{yp} be the pooled estimate of aggregate for the parameter X and Y . The pooled estimate of R (i.e Y/X) is given by

$r_p = t_{yp} / t_{xp}$ where, $t_{yp} = at_{yc} + bt_{ys}$ and $t_{xp} = ct_{xc} + dt_{xs}$ and (a, b) , (c, d) are the estimated inverse variance weight pair of the characteristic x and y respectively.

The estimated mse of pooled ratio estimate r_p is given by:

$$mse(r_p) = (\hat{V}(t_{yp}) - 2 r_p \hat{Cov}(t_{yp}, t_{xp}) + r_p^2 \hat{V}(t_{xp})) / t_{xp}^2$$

where $\hat{V}(t_{yp}) = \frac{ab}{a+b}$, $\hat{V}(t_{xp}) = \frac{cd}{c+d}$ and

$$\hat{Cov}(t_{yp}, t_{xp}) = ac \hat{Cov}(t_{yc}, t_{xc}) + bd \hat{Cov}(t_{ys}, t_{xs}).$$

$\hat{Cov}(t_{yc}, t_{xc}) = \sum_l (t_{yc1} - t_{yc2})(t_{xc1} - t_{xc2}) / 4$ based on sub-sample 1 & 2 estimates.

Similarly, $\hat{Cov}(t_{ys}, t_{xs}) = \sum_l (t_{ys1} - t_{ys2})(t_{xs1} - t_{xs2})/4$

Where, $\sum_l$ stands for summing over stratum x sub-stratum level covariance at the domain of pooling.

Note: *Results from these methods are given in Table-4A & 4B to 15C in Appendix A.*

Tables prepared/ generated for central, state and pooled sample along with Relative Standard Errors (RSEs) separately for rural and urban sector using the software are as follows:

- a) Table-1A: Total Sample Size (First State Unit, Enterprises) – Rural
- b) Table-1B: Total Sample Size (First State Unit, Enterprises) – Urban
- c) Table-2A: District-wise Results of Run Test of GVAPW for Pooled Sample – Rural (Enterprise Type: OAE)
- d) Table-2B: District-wise Results of Run Test of GVAPW for Pooled Sample – Rural (Enterprise Type: EST)
- e) Table-2C: District-wise Results of Run Test of GVAPW for Pooled Sample – Urban (Enterprise Type: OAE)
- f) Table-2C: District-wise Results of Run Test of GVAPW for Pooled Sample – Urban (Enterprise Type: EST)
- g) Table-3A: District-wise Results of Mean Test of GVAPW for Pooled Sample – Rural (Enterprise Type: OAE)
- h) Table-3B: District-wise Results of Mean Test of GVAPW for Pooled Sample – Rural (Enterprise Type: EST)
- i) Table-3C: District-wise Results of Mean Test of GVAPW for Pooled Sample – Urban (Enterprise Type: OAE)
- j) Table-3D: District-wise Results of Mean Test of GVAPW for Pooled Sample – Urban (Enterprise Type: EST)
- k) Table-4A: District-wise Estimated Number of Enterprises (Pooling Method: Matching Ratio) and Their RSEs – Rural (Enterprise Type: ALL)
- l) Table-4B: District-wise Estimated Number of Enterprises (Pooling Method: Matching Ratio) and Their RSEs – Urban (Enterprise Type: ALL)
- m) Table-4C: District-wise Estimated Number of Workers (Pooling Method: Matching Ratio) and Their RSEs – Rural (Enterprise Type: ALL)
- n) Table-4D: District-wise Estimated Number of Workers (Pooling Method: Matching Ratio) and Their RSEs – Urban (Enterprise Type: ALL)
- o) Table-5A: District-wise Estimated Emoluments Per Hired Worker (Pooling Method: Matching Ratio) and Their RSEs – Rural (Enterprise Type: EST)

- p) Table-5B: District-wise Estimated Emoluments Per Hired Worker (Pooling Method: Matching Ratio) and Their RSEs – Urban (Enterprise Type: EST)
- q) Table-6A: District-wise RSEs of Estimated Number of Emoluments Per Hired worker-Rural (Enterprise Type: EST)
- r) Table-6B: District-wise RSEs of Estimated Number of Emoluments Per Hired worker-Urban (Enterprise Type: EST)
- s) Table-7A : District-wise Estimate of Gross Value Added Per worker -Rural (Enterprise Type: OAE)
- t) Table-7B : District-wise Estimate of Gross Value Added Per worker -Rural (Enterprise Type: EST)
- u) Table-8A : District-wise Estimate of RSEs of Gross Value Added Per Worker-Rural (Enterprise Type: OAE)
- v) Table-8B: District-wise Estimate of RSEs of Gross Value Added Per Worker-Rural (Enterprise Type: EST)
- w) Table-9A : District-wise Estimate of Gross Value Added Per worker -Urban (Enterprise Type: OAE)
- x) Table-9B : District-wise Estimate of Gross Value Added Per worker -Urban (Enterprise Type: EST)
- y) Table-10A : District-wise RSEs of Estimate of Gross Value Added Per Worker-Urban (Enterprise Type: OAE)
- z) Table-10B : District-wise RSEs of Estimate of Gross Value Added Per Worker-Urban (Enterprise Type: EST)
- aa) Table-11A : Category-wise Compilation of Estimated Number of Enterprises and Sample Enterprises-Rural (Pooling Method: Matching Ratio)
- bb) Table-11B : Category-wise Compilation of Estimated Number of Enterprises and Sample Enterprises-Urban (Pooling Method: Matching Ratio)
- cc) Table-12A: Category-wise Compilation of Estimated Number of Workers and Sample Workers -Rural (Pooling Method: Matching Ratio)
- dd) Table-12B: Category-wise Compilation of Estimated Number of Workers and Sample Workers –Urban (Pooling Method: Matching Ratio)
- ee) Table-13A : Category-wise Compilation of RSEs of Estimated Number of Enterprises and Sample Workers –Rural (Pooling Method: Matching Ratio)

- ff) Table-13B : Category-wise Compilation of RSEs of Estimated Number of Enterprises and Sample Workers –Urban
(Pooling Method: Matching Ratio)
- gg) Table-14A : Category-wise Compilation of Gross Value Added Per Worker and RSEs -Rural (Pooling Method : Matching Ratio) (Enterprise Type:OAE)
- hh) Table-14B : Category-wise Compilation of Gross Value Added Per Worker and RSEs -Rural (Pooling Method : Matching Ratio) (Enterprise Type: EST)
- ii) Table-14C : Category-wise Compilation of Gross Value Added Per Worker and RSEs -Rural (Pooling Method : Matching Ratio)
(Enterprise Type: ALL)
- jj) Table-15A : Category-wise Compilation of Gross Value Added Per Worker and RSEs -Urban (Pooling Method : Matching Ratio)
(Enterprise Type: OAE)
- kk) Table-15B : Category-wise Compilation of Gross Value Added Per Worker and RSEs -Urban (Pooling Method : Matching Ratio)
(Enterprise Type: EST)
- ll) Table-15C : Category-wise Compilation of Gross Value Added Per Worker and RSEs -Urban (Pooling Method : Matching Ratio)
(Enterprise Type: ALL)

Compilation Category: Compilation category used for generating state level results are as follows:

CC	Compilation Category Description	NIC 2008
01	Cotton ginning, cleaning and bailing	01632
02	meat+fish+fruits+vegetables+oils	101+102+103+104
03	dairy products	105
04	grain mill products	106+108
05	other food products	107
06	beverages	110
07	tobacco products	12
08	spinning+ weaving+finishing of textiles	13+143
09	wearing apparel	141-14105
10	leather & fur products	142+15
11	wood and wood products	16
12	furniture	3100
13	paper and printing +publishing	17+18+(58-582)
14	rubber+ plastic+petroleum products etc.	19+22
15	pharmaceuticals+chemical and chemical	20+21
16	non-metallic products	23
17	basic metals(Ferrous)	241+2431
18	basic metals(Non-Ferrous)	242+2432
19	recycling	383
20	fabricated metal	25+3311
21	computer+electronics+optical+repair(nond	26+3313
22	electrical machinery+repair(nondomestic)	27+3314
23	machinery nec+repair(nondomestic)	28+3312+3320
24	transport equipment+repair(nondomestic)	29+30+3315
25	other manufacturing+repair	32+3319
26	repair of motor vehicles and motor cycles	45403+452
27	Sale of motor vehicles	45-45403-452+473
28	Whole sale trade + Auctioning activities	46+92001
29	Repair of personal and household goods	9512+952
30	Retail trade (except motor vehicle)	47-473+92002
31	Hotels; Camping sites etc.	55
32	Restaurant+bars+canteen	56
33	Scheduled passenger land transport	4921
34	Non-sch passenger transport by motor	4922-49226
35	Freight transport by motor vehicles	49231
36	Other non-scheduled passenger land	49226
37	Freight transport other than by motor	49232

CC	Compilation Category Description	NIC 2008
38	water Transport	50
39	Financial excl insurance and pension	643+ 649
40	Other financial activities	65+ 6612+ 6619+662+ 663
41	Storage and Ware Housing	521
42	Supporting & Auxiliary transport activities	52-521+79
43	Postal services	531
44	Courier activities	532
45	Cable operator	61103
46	Other communication	61-61103
47	Real Estate	68
48	Renting of Machinery	77
49	Computer relating services	582+62+(63-6391)+9511
50	Legal services	691
51	Accounting+Book-Keeping	692
52	Research Dev.	70+71+72+73+74+78+80+8
53	Education	85491
54	Coaching centre	85-85491
55	Medical and Health	86+75
56	Sanitary Services	37+381+382+39
57	Membership Organisations	87+88+94
58	Recreation & Entertainment	59+60+6391+90+91+(92-
59	Washing & cleaning of Textiles	9601
60	Hair dressing + beauty treatment	9602
61	Custom Tailoring	14105
62	Funeral related + other services	9603+9609
63	Pvt. Household with employed person	97

Table-1A: Total sample size (First Stage Unit, Enterprises) - Rural

Enterprise Type	Central Sample		State Sample	
	First Stage Units Surveyed	Enterprise Surveyed	First Stage Units Surveyed	Enterprise Surveyed
OAE	180	2335	180	1795
EST	180	1112	180	816
ALL	180	3447	180	2611

Table-1B: Total sample size (First Stage Unit, Enterprises) - Urban

Enterprise Type	Central Sample		State Sample	
	First Stage Units Surveyed	Enterprise Surveyed	First Stage Units Surveyed	Enterprise Surveyed
OAE	100	1325	100	1303
EST	100	1383	100	945
ALL	100	2708	100	2248

Table-2A: District-wise Results of Run Test of GVAPW for Pooled Sample-Rural (Enterprise Type: OAE)

Dist Code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	-2.40869	N	-3.17004	N	-0.29608	Y
2	Chamoli	-0.52327	Y	-0.45881	Y	-0.49775	Y
3	Rudraprayag	-3.25956	N	-1.26978	Y	-2.04096	Y
4	Tehri Garhwal	0.38996	Y	-1.31238	Y	-0.69796	Y
5	Dehradun	-1.34549	Y	-1.18567	Y	-1.52068	Y
6	Pauri Garhwal	-0.43704	Y	-3.34629	N	-1.48501	Y
7	Pithoragarh	-1.72942	Y	-2.09766	Y	0.04407	Y
8	Bageshwar	-2.75913	N	-1.49923	Y	-1.83866	Y
9	Almora	-0.97014	Y	-3.81377	N	0.68992	Y
10	Champawat	-2.33087	N	-1.72944	Y	-0.12974	Y
11	Nainital	0.24786	Y	-2.73614	N	-1.38722	Y
12	Udham Singh Nagar	-1.12636	Y	-1.79619	Y	-1.83356	Y
13	Haridwar	-1.54921	Y	-2.72330	N	-1.84187	Y
14	Nainital Hills	-0.94814	Y	-2.19586	Y	0.87617	Y
15	Dehradun Hills	-3.21045	N	-2.87576	N	-1.02810	Y

Note: $Z_{0.01} = -2.33$ [One Sided Test] Reject if $Z\text{-value} < Z_{0.01}$

Table-2B: District-wise Results of Run Test of GVAPW for Pooled Sample-Rural
(Enterprise Type: EST)

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	0.02766	Y	0.72872	Y	-2.11878	Y
2	Chamoli	-1.48753	Y	-1.12556	Y	-1.39707	Y
3	Rudraprayag	-2.33066	N	-1.88555	Y	-2.72986	N
4	Tehri Garhwal	-0.98248	Y	1.38606	Y	1.60249	Y
5	Dehradun	0.70830	Y	-3.88648	N	-0.48925	Y
6	Pauri Garhwal	-0.16235	Y	-2.97560	N	-1.27824	Y
7	Pithoragarh	-1.14776	Y	-0.11200	Y	-2.00064	Y
8	Bageshwar	0.19587	Y	-0.16074	Y	1.22451	Y
9	Almora	0.34574	Y	0.65465	Y	-0.03858	Y
10	Champawat	0.76376	Y	-0.03959	Y	-0.54758	Y
11	Nainital	0.89626	Y	-1.82450	Y	-3.00376	N
12	Udham Singh Nagar	-3.85037	N	0.13676	Y	-0.97142	Y
13	Haridwar	-2.30748	Y	0.35355	Y	0.33989	Y
14	Nainital Hills	0.89944	Y	0.35355	Y	-1.01057	Y
15	Dehradun Hills	0.39336	Y	0.72872	Y	-0.25546	Y

Note: $Z_{0.01} = -2.33$ [One Sided Test] Reject if $Z\text{-value} < Z_{0.01}$

Table-2C: District-wise Results of Run Test of GVAPW for Pooled Sample-Urban (Enterprise Type: OAE)

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	-2.16025	Y	-2.16462	Y	-1.02636	Y
2	Chamoli	-1.42707	Y	-1.48020	Y	-3.01801	N
3	Rudraprayag	0.00000	Y	-0.39785	Y	0.71300	Y
4	Tehri Garhwal	1.28601	Y	-0.64235	Y	-1.24710	Y
5	Dehradun	-0.58263	Y	-2.43983	N	1.21337	Y
6	Pauri Garhwal	-1.74198	Y	-1.96111	Y	0.00000	Y
7	Pithoragarh	-3.57859	N	-0.99261	Y	0.75622	Y
8	Bageshwar	-0.96242	Y	-1.92585	Y	-1.92932	Y
9	Almora	-0.65460	Y	-3.33017	N	0.22490	Y
10	Champawat	-2.03041	Y	-0.83598	Y	1.13561	Y
11	Nainital	0.43379	Y	-0.51500	Y	0.37708	Y
12	Udham Singh Nagar	-1.02528	Y	-2.82721	N	-0.09451	Y
13	Haridwar	-1.64074	Y	-3.16354	N	-1.98354	Y
14	Nainital Hills	0.56990	Y	0.63726	Y	0.49906	Y

Note: $Z_{0.01} = -2.33$ [One Sided Test] Reject if $Z\text{-value} < Z_{0.01}$

Table-2D: District-wise Results of Run Test of GVAPW for Pooled Sample-Urban
(Enterprise Type: EST)

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	0.12365	Y	-0.49620	Y	-2.91286	N
2	Chamoli	0.63302	Y	0.17645	Y	-2.34035	N
3	Rudraprayag	-2.36144	N	-1.76485	Y	-0.73111	Y
4	Tehri Garhwal	-3.09705	N	-0.76376	Y	0.21283	Y
5	Dehradun	-1.09523	Y	-0.55821	Y	-1.50576	Y
6	Pauri Garhwal	-1.96421	Y	-3.82743	N	0.24151	Y
7	Pithoragarh	-0.53821	Y	0.06181	Y	0.04079	Y
8	Bageshwar	-0.55826	Y	-2.12132	Y	0.50097	Y
9	Almora	0.61061	Y	-2.01237	Y	-2.32165	Y
10	Champawat	0.04602	Y	-3.62439	N	-2.25036	Y
11	Nainital	-0.04392	Y	-0.10401	Y	-0.10843	Y
12	Udham Singh Nagar	-2.60344	N	-2.23749	Y	-3.35172	N
13	Haridwar	-2.87492	N	-1.79276	Y	-1.49286	Y
14	Nainital Hills	-0.23123	Y	-0.75230	Y	-2.37226	N

Note: $Z_{0.01} = -2.33$ [One Sided Test] Reject if Z-value < $Z_{0.01}$

Table-3A: District-wise Results of Mean Test of GVAPW for Pooled Sample-Rural
(Enterprise Type: OAE)

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	0.05401	Y	1.18407	Y	1.03652	Y
2	Chamoli	2.13000	Y	1.43511	Y	2.19158	Y
3	Rudraprayag	0.18632	Y	2.16589	Y	1.27845	Y
4	Tehri Garhwal	1.80246	Y	1.40618	Y	2.50720	Y
5	Dehradun	1.78322	Y	4.90757	N	1.17355	Y
6	Pauri Garhwal	0.58960	Y	2.62793	N	1.23935	Y
7	Pithoragarh	0.57568	Y	0.72228	Y	0.14579	Y
8	Bageshwar	2.87845	N	1.85483	Y	5.20220	N
9	Almora	2.58577	N	0.75907	Y	0.44007	Y
10	Champawat	2.05635	Y	0.49397	Y	0.00185	Y
11	Nainital	1.81573	Y	2.84227	N	1.25005	Y
12	Udham Singh Nagar	0.20758	Y	0.64036	Y	3.15581	N
13	Haridwar	1.64029	Y	4.05633	N	5.27529	N
14	Nainital Hills	1.71804	Y	0.38354	Y	1.84724	Y
15	Dehradun Hills	1.81009	Y	3.43772	N	1.61212	Y
All	Uttarakhand	1.80539	Y	3.69908	N	1.33261	Y

Note: $Z_{0.005} = 2.575$ [One Sided Test] Reject if absolute Z-value $> Z_{0.005}$

Table-3B: District-wise Results of Mean Test of GVAPW for Pooled Sample-Rural
(Enterprise Type: EST)

Dist Code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	2.69088	N	3.21750	N	1.23192	Y
2	Chamoli	1.65172	Y	2.89533	N	0.47288	Y
3	Rudraprayag	31.8640	N	1.53508	Y	2.22829	Y
4	Tehri Garhwal	1.93901	Y	1.33414	Y	0.73030	Y
5	Dehradun	0.81284	Y	0.93301	Y	1.14735	Y
6	Pauri Garhwal	1.83824	Y	2.61848	N	3.36261	N
7	Pithoragarh	2.61324	N	1.13820	Y	0.44877	Y
8	Bageshwar	3.70489	N	1.40069	Y	1.07548	Y
9	Almora	0.77778	Y	0.99778	Y	0.68387	Y
10	Champawat	11.55442	N	2.30176	Y	0.36722	Y
11	Nainital	1.73850	Y	1.92762	Y	1.25011	Y
12	Udham Singh Nagar	0.25445	Y	5.75161	N	0.20039	Y
13	Haridwar	5.23973	N	2.21724	Y	6.36322	N
14	Nainital Hills	2.52549	Y	2.96902	N	0.15414	Y
15	Dehradun Hills	1.24159	Y	3.46549	N	1.79209	Y
All	Uttarakhand	0.67304	Y	2.60970	N	0.41006	Y

Note: $Z_{0.005} = 2.575$ [One Sided Test] Reject if absolute Z-value $> Z_{0.005}$

Table-3C: District-wise Results of Mean Test of GVAPW for Pooled Sample-Urban
(Enterprise Type: OAE)

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	3.78926	N	1.30027	Y	7.25117	N
2	Chamoli	1.41808	Y	1.56311	Y	0.42778	Y
3	Rudraprayag	0.65962	Y	1.36791	Y	1.76493	Y
4	Tehri Garhwal	0.92597	Y	3.74887	N	0.54488	Y
5	Dehradun	1.01960	Y	4.28531	N	2.74318	N
6	Pauri Garhwal	0.07865	Y	0.17477	Y	1.00006	Y
7	Pithoragarh	0.04209	Y	0.17308	Y	0.23871	Y
8	Bageshwar	8.19591	N	2.00195	Y	2.51856	Y
9	Almora	4.04443	N	2.05991	Y	0.45991	Y
10	Champawat	2.53096	Y	1.28600	Y	0.10744	Y
11	Nainital	0.55980	Y	0.24384	Y	0.01180	Y
12	Udham Singh Nagar	0.22167	Y	1.21030	Y	0.29472	Y
13	Haridwar	6.01542	N	2.93515	N	2.76224	N
14	Nainital Hills	14.35971	N	1.16117	Y	0.75920	Y
All	Uttarakhand	1.10524	Y	2.39150	Y	2.75764	N

Table-3D: District-wise Results of Mean Test of GVAPW for Pooled Sample-Urban
(Enterprise Type: EST)

Dist Code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	0.00000	N	0.52392	Y	1.26591	Y
2	Chamoli	0.02253	Y	1.42737	Y	0.18463	Y
3	Rudraprayag	15.02217	N	2.48840	Y	0.55333	Y
4	Tehri Garhwal	8.49040	N	5.10696	N	0.43237	Y
5	Dehradun	0.14907	Y	1.34491	Y	1.60682	Y
6	Pauri Garhwal	1.47725	Y	4.17355	N	0.03540	Y
7	Pithoragarh	3.03867	N	2.26994	Y	0.43638	Y
8	Bageshwar	1.57442	Y	3.18680	N	2.00380	Y
9	Almora	1.37915	Y	1.99112	Y	1.25477	Y
10	Champawat	0.47250	Y	0.49349	Y	0.23012	Y
11	Nainital	0.35183	Y	3.43692	N	3.66744	N
12	Udham Singh Nagar	0.86823	Y	2.09618	Y	0.82651	Y
13	Haridwar	8.96833	N	3.52013	N	0.34579	Y
14	Nainital Hills	0.45292	Y	1.19560	Y	1.60906	Y
All	Uttarakhand	0.83301	Y	1.81595	Y	1.03965	Y

Table-4A: District-wise Estimated Number of Enterprises (Pooling Method: Matching Ratio) and Their RSEs – Rural (Enterprise Type: ALL)

Dist Code	Estimated Number Of Enterprises			RSE of Estimated Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	19789	8659	14224	08.28	40.59	15.53	222	214	436
2	15165	12191	13678	17.01	25.30	15.49	242	133	375
3	18029	5723	11876	36.51	25.18	23.34	243	139	382
4	21337	13266	17302	21.47	11.51	11.84	226	158	384
5	11276	13210	12224	22.75	23.28	17.27	265	190	455
6	19895	11849	15872	44.44	10.78	22.80	193	207	400
7	22063	10938	16510	43.17	07.69	23.28	187	153	340
8	13341	10245	11793	15.76	14.99	10.58	203	182	385
9	26169	13665	19917	16.16	14.34	10.34	215	117	332
10	8870	6128	7499	28.38	19.59	16.51	126	117	243
11	9988	11979	10984	18.96	05.85	07.89	306	245	551
12	48722	18777	33931	25.43	60.27	24.78	331	195	526
13	46408	76936	61670	01.76	77.07	57.69	297	224	521
14	8440	5850	7205	20.40	43.22	23.12	219	143	362
15	3838	2737	3287	20.57	27.85	16.91	172	194	366
State	293330	222153	257972	07.14	27.37	14.51	3447	2611	6058

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal,
7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar,
13-Haridwar, 14-Nainital Hills, 15-Dehradun hills

Table-4B: District-wise Estimated Number of Enterprises (Pooling Method: Matching Ratio) and Their RSEs – Urban (Enterprise Type: ALL)

Dist Code	Estimated Number Of Enterprises			RSE of Estimated Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	6099	525	3312	7.89	20	6.12	101	60	161
2	2699	2548	2623	23.24	8.1	10.67	187	172	359
3	734	574	654	17.52	9.28	9.26	185	125	310
4	7130	7843	7486	4.78	7.51	5.06	86	82	168
5	33284	47107	40116	3.65	2.63	2.21	213	218	431
6	10145	2764	6460	10.37	21	8.46	251	165	416
7	4068	3507	3795	3.74	26.63	14.85	242	157	399
8	1117	746	922	21	22.06	14.77	126	94	220
9	3941	3113	3511	15.45	32.28	18.52	206	172	378
10	3627	2680	3153	12.56	31.22	16.94	223	196	419
11	13642	9508	11703	38.36	34.75	24.63	175	151	326
12	35283	31017	33152	28.58	22.69	17.61	258	264	522
13	46795	45243	46019	4.45	6.5	4.24	268	261	529
14	3183	1264	2223	23.28	25.62	15.94	187	109	296
15	0000	712	356	0.00	100	20.00	00	22	22
State	171745	159152	165485	6.84	5.41	2.84	2708	2248	4956

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal, 7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills, 15-Dehradun Hills

Table-4C: District-wise Estimated Number of **Workers** (Pooling Method: Matching Ratio) and Their RSEs – Rural (Enterprise Type: **ALL**)

Dist Code	Estimated Numbers of Workers			RSE of Estimated Workers			Sample workers		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	26199	17141	21669	13.01	37.08	18.97	333	451	784
2	20210	15244	17727	18.95	23.96	14.66	367	225	592
3	25355	7213	16284	37.6	33.4	23.08	375	246	621
4	31179	16463	23821	25.05	10.74	11.81	396	279	675
5	18848	25124	21935	28.76	29.51	22.22	566	487	1053
6	25518	20343	22930	41.51	23.65	24.48	364	527	891
7	35400	13566	24502	43.32	5.51	14.74	404	246	650
8	19150	13094	16122	17.03	14.09	10.66	320	311	631
9	34253	15991	25122	18.92	16.83	11.68	356	216	572
10	11852	8635	10244	32.25	23.39	19.58	198	187	385
11	18612	22149	20380	16.54	8.76	11.25	734	674	1408
12	103943	23056	64734	46.19	60.23	39.92	923	358	1281
13	71846	161653	116721	5.69	85.19	21.50	552	498	1050
14	13205	8597	11053	27.26	48.96	26.63	337	239	576
15	4601	3740	4170	20.45	24.93	15.56	240	366	606
State	460170	372008	417414	11.84	37.38	17.66	6465	5310	11775

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal, 7-Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills, 15-Dehradun Hills

Table-4D: District-wise Estimated Number of *Workers* (Pooling Method: Matching Ratio) and Their RSEs – Urban (Enterprise Type: **ALL)**

Dist Code	Estimated Numbers of Workers			RSE of Estimated Workers			Sample workers		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	9977	1505	5741	06.50	25.58	17.81	221	172	393
2	4671	4096	4383	15.74	14.09	10.68	394	360	754
3	1193	954	1073	15.59	11.78	09.83	350	259	609
4	12044	10271	11157	06.69	10.36	05.80	187	141	328
5	90339	90120	86974	30.97	06.12	19.42	574	578	1152
6	17102	4951	11041	02.88	25.39	15.75	549	346	895
7	7621	5526	6614	03.13	16.05	07.56	543	308	851
8	1934	1083	1485	14.29	09.79	08.07	291	185	476
9	7777	4731	6156	30.62	35.04	22.65	454	343	797
10	6439	4921	5680	13.92	31.08	15.84	454	444	898
11	29197	22923	26522	54.35	39.97	33.23	449	383	832
12	63159	51159	57185	33.40	19.65	19.92	525	575	1100
13	82968	105073	94020	13.32	19.53	11.28	757	721	1478
14	7799	4526	6160	12.95	21.66	12.37	532	423	955
15	0000	886	443	0.00	100	20.00	00	31	31
State	342219	312726	324634	11.73	08.13	54.78	6280	5238	11518

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal,
7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar,
13-Haridwar, 14-Nainital Hills

Table-5A: District-wise Estimate of Emoluments per Hired worker-Rural (Enterprise Type: EST)

Dist Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	33824	78558	59478	39154	00000	21984	21984	00000	36462	21238	27362	33390
2	30398	36199	31611	35417	40639	11770	16714	27939	31726	29695	30631	30317
3	23062	81931	24578	62615	49092	46000	48578	46076	28594	12827	22765	19896
4	36892	36088	36627	36501	39148	33999	38628	37719	29310	41766	34149	30487
5	38817	40954	40444	39517	32186	31063	31816	31265	46954	19226	31576	20365
6	36485	34700	35551	35594	23693	38904	32425	28146	23294	47095	41610	23710
7	45081	23328	40945	41682	36557	45639	40494	37891	43860	20446	35621	30928
8	32483	35453	33195	34162	20509	25563	25208	25562	31881	25993	28894	29307
9	34059	40500	34398	35907	41794	63404	42805	42427	29715	39522	32633	30424
10	50625	62727	58474	50847	37500	24000	36140	00000	27501	30016	28225	28266
11	35109	40082	38365	38087	31667	40869	39595	31867	41730	98470	67803	41960
12	64024	72989	65040	66228	93076	1611	87374	5151	59061	48944	60492	53234
13	31725	31439	31540	31446	38882	31110	32966	31121	33665	45220	44241	44529
14	28189	38342	33298	37912	20729	18000	20711	00000	28857	19905	26008	27549
15	26458	40690	38529	35145	12000	31865	31411	00000	27846	34213	31842	28993
State	45151	38582	43119	39520	71394	29665	51596	30334	45273	43417	44584	43654

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal, 7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills, 15-Dehradun Hills

Emoluments per Hired worker ----- (In Rupees)

Table-5B: District-wise Estimate of Emoluments per Hired worker-Urban (Enterprise Type: EST)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	62400	30000	40800	00000	28909	36000	29314	00000	48079	38945	46408	38992
2	42532	32056	39548	40081	38545	33867	36785	36516	48432	35010	41448	35235
3	32857	43091	36375	43082	31159	53622	44658	35306	38964	44301	41687	41036
4	34427	61091	40538	36847	28800	27032	27518	27475	72025	32171	59896	32967
5	53619	43985	48373	44156	46211	46096	46153	46174	89802	37832	63575	38218
6	35988	43209	37415	37553	25131	46230	30808	38385	48633	33715	44501	40314
7	43413	45563	44560	43756	40871	29894	39131	39368	29513	33427	31433	33354
8	44080	39786	42714	40873	41521	18105	36074	41197	37695	26204	33816	28668
9	58594	40222	55148	46046	38183	33291	36843	37790	36730	53369	41342	36768
10	46697	40053	45012	41820	40343	23944	31958	27285	32145	42069	37866	32322
11	41843	33809	38178	40175	47474	48106	47365	48035	41607	92823	59685	41953
12	30120	8722	72671	28066	30183	1712	58887	2773	29240	58241	38828	29413
13	39162	36682	38390	38734	38908	30657	32558	37525	33595	34092	33925	33987
14	39300	34767	38271	36001	38050	36900	37501	37029	67127	54887	62628	54986
15	00000	24000	24000	00000	00000	60000	60000	00000	00000	76200	76200	00000
State	41787	57104	48376	41888	39720	48075	44118	40402	63457	40676	49757	41603

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal, 7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills

Emoluments per Hired worker ----- (In Rupees)

Table-6A: District-wise RSEs of Estimate of Emoluments per Hired worker-Rural (Enterprise Type: EST)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	12.07	14.13	11.53	9.79	0.00	27.05	16.23	0.00	10.13	34.59	16.99	9.88
2	12.55	4.16	5.61	3.95	14.03	54.66	26.82	15.27	14.25	10.11	8.33	8.25
3	10.93	2.15	5.94	2.31	25.69	4.35	10.67	4.29	18.66	37.50	15.77	17.96
4	6.11	6.42	4.52	4.43	5.28	9.81	5.61	4.66	9.64	20.94	15.72	8.82
5	6.72	9.13	6.12	5.41	14.17	6.88	7.01	6.19	34.08	17.23	21.23	15.93
6	13.64	14.36	10.10	9.89	27.72	26.24	20.55	19.62	2.54	9.42	6.42	2.47
7	5.71	25.64	9.12	5.67	13.52	26.10	18.31	12.05	11.80	22.79	9.77	11.20
8	15.24	12.24	9.85	9.55	29.49	0.32	9.60	0.32	7.10	9.88	6.19	5.79
9	15.28	20.26	15.54	12.24	13.20	50.09	44.81	12.81	8.04	21.66	16.01	7.56
10	5.29	31.22	20.18	5.22	0.00	0.00	0.00	0.00	8.87	12.29	8.57	7.20
11	4.38	3.14	2.54	2.56	2.39	12.41	7.72	2.35	8.02	53.23	46.43	7.96
12	14.86	22.83	16.45	12.48	8.39	97.27	3.73	29.82	14.45	14.96	9.20	10.44
13	9.51	1.54	3.94	1.52	5.37	0.25	2.54	0.25	6.66	1.25	2.17	1.23
14	12.67	1.96	4.50	1.94	18.36	0.00	7.35	0.00	12.32	43.17	20.56	11.92
15	47.37	24.61	20.31	22.26	0.00	3.61	2.20	0.00	7.95	13.80	9.32	6.91
State	20.43	9.76	10.03	8.82	22.86	7.02	12.88	6.81	17.10	6.82	8.01	6.34

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal, 7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills, 15-Dehradun Hills

Table-6B: District-wise RSEs of Estimate of Emoluments per Hired worker-Urban (Enterprise Type: EST)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	0.00	0.00	0.00	11.13	4.46	0.00	1.76	0.00	12.19	1.08	5.08	1.08
2	11.98	28.76	14.91	0.33	8.45	10.99	7.03	6.71	21.33	3.85	10.16	3.79
3	14.20	0.33	5.14	8.11	3.12	3.81	2.88	2.49	9.70	10.71	7.73	7.20
4	9.10	16.23	15.00	1.89	25.00	15.41	13.86	13.12	46.58	14.89	22.91	14.38
5	11.67	1.91	5.28	7.62	5.98	8.69	5.73	4.93	22.11	4.54	12.60	4.48
6	8.98	14.22	10.44	5.16	17.55	7.34	8.74	7.01	12.54	16.11	9.15	10.06
7	5.67	12.40	7.92	16.40	5.87	20.15	9.56	5.66	9.93	1.21	3.81	1.20
8	30.22	19.49	16.56	12.32	1.24	23.99	7.25	1.24	6.04	4.54	3.42	3.68
9	17.2	17.07	10.45	13.38	3.95	15.32	8.47	3.83	1.48	21.21	16.44	1.48
10	23.23	16.30	12.99	6.15	7.92	6.75	5.02	5.29	9.89	56.11	37.55	9.75
11	6.63	16.03	9.00	5.79	15.11	5.32	6.87	5.02	4.71	25.6	23.92	4.66
12	5.67	60.09	4.43	3.69	16.61	57.62	3.55	34.90	9.67	62.73	56.53	9.58
13	4.01	9.37	5.62	8.57	4.79	13.55	7.99	4.53	13.43	6.86	6.74	6.11
14	15.04	10.40	8.38	3.39	37.81	13.83	17.38	12.99	25.40	2.80	10.99	2.78
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State	3.41	30.66	43.83	11.13	7.98	22.12	10.84	7.52	26.71	8.58	9.31	8.22

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal, 7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills

Table-7A: District-wise Estimate of Gross Value Added Per worker-Rural (Enterprise Type: OAE)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matchin g Ratio	Pooled By Inverse of Varianc	Central	State	Pooled By Matchin g Ratio	Pooled By Inverse of Varianc	Central	State	Pooled By Matchin g Ratio	Pooled By Inverse of Varianc
1	27825	26360	27673	27790	36892	46581	40068	43705	42580	53859	45118	46023
2	50509	79114	55340	60318	64068	91119	77614	81020	43731	62406	52783	48858
3	30656	32495	30730	31418	48520	70001	57579	52331	29781	43108	32731	35691
4	32758	91129	44989	39009	51125	87504	65854	57254	59356	37312	51401	52284
5	43361	65676	54355	54207	35202	86809	66250	73637	46885	66073	56777	60915
6	36286	33078	34430	35153	45199	110233	65709	49247	49754	36390	45015	43471
7	35180	33255	34746	34212	33049	50363	38327	34311	45808	43684	45320	45730
8	20649	48142	24122	44276	35311	78984	54792	36880	32679	66946	51415	48187
9	45663	17102	34109	34855	48650	75713	59405	50446	45278	57219	48422	45919
10	32751	21090	27111	23514	29478	35094	31630	34585	42065	42049	42058	42052
11	43000	10142 3	72419	46141	40084	90053	64460	55134	42317	65342	56777	47232
12	41427	45224	42403	43558	72056	53764	65626	60993	86673	20109	76690	21447
13	38643	50272	44475	46417	34445	92126	61267	40095	57829	18845	32516	57187
14	21505	39644	27274	24393	35393	32739	33943	33688	47923	60502	52917	51503
15	32111	69046	39234	34066	24373	91486	57995	31170	42251	58140	48402	43160
State	34938	45551	38110	36947	45264	77486	58848	54765	52830	39040	47127	50478

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal, 7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills, 15-Dehradun Hills

Gross Value Added per worker ---- (In Rupees)

Table-7B: District-wise Estimate of Gross Value Added Per worker-Rural (Enterprise Type: EST)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	50979	97750	76137	60447	00000	32925	32925	00000	62550	37908	46230	61054
2	45925	57917	48061	57873	106339	29192	48870	59712	46838	42585	44787	42839
3	38805	119300	40284	00000	91134	137789	107481	137679	50060	25235	42009	49027
4	55014	74369	61469	55336	112263	144722	115888	126022	57587	66784	60870	58809
5	59587	65664	63999	62489	65060	98283	78683	66852	63622	36532	48670	36752
6	63267	110057	86130	65140	44425	93024	70124	45017	48883	144169	113598	49032
7	65845	43086	61228	58031	69221	165916	112668	71859	65029	55357	61970	63714
8	44524	75951	52412	51852	47312	76972	74741	71923	43764	50340	46901	48599
9	61845	67800	62301	00000	171675	102354	158476	104796	50902	61979	53623	51350
10	92083	52937	65140	00000	57921	50759	53957	00000	41935	49188	44246	42531
11	55517	69532	64358	62297	59771	139740	126945	60887	66243	122256	92850	70469
12	88461	96666	89760	89521	132065	58530	118765	74439	76539	72933	77951	75852
13	53222	67216	62351	63307	71124	44834	51353	45026	50821	64715	63161	62684
14	47978	63694	55095	62598	40437	21900	40303	00000	58858	54743	55916	58088
15	37896	66869	62346	62817	48180	98770	98130	00000	40192	52159	47640	47262
State	65247	72248	68749	71151	110138	58536	83548	71376	63492	66907	65707	65493

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal,7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills, 15-Dehradun Hills

Gross Value Added per worker ----(In Rupees)

Table-8A: District-wise RSEs of Estimate of Gross Value Added Per worker-Rural (Enterprise Type: OAE)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	15.16	101.65	58.42	14.99	18.6	09.57	09.56	08.55	14.12	16.84	13.19	10.89
2	15.57	13.76	13.10	10.57	23.29	12.64	11.76	11.25	10.21	11.63	08.92	07.78
3	20.73	23.24	16.91	15.48	08.61	12.85	09.81	07.24	23.31	18.04	16.59	14.51
4	32.35	33.58	41.88	25.67	20.77	26.96	22.44	16.91	08.39	19.42	09.30	07.85
5	20.12	13.66	11.80	11.54	25.78	6.12	07.29	06.23	29.82	12.83	13.31	11.90
6	08.91	13.23	08.50	07.40	13.66	21.74	22.20	12.14	14.86	21.57	12.35	12.38
7	06.74	07.09	04.90	04.89	19.58	45.83	36.76	18.16	06.11	32.73	19.09	06.01
8	42.88	07.44	17.17	07.50	12.64	29.27	25.52	11.88	13.56	07.28	06.65	06.80
9	14.88	50.92	17.27	15.37	18.88	45.50	35.34	17.59	13.89	46.13	33.12	13.32
10	15.41	12.26	09.39	09.79	36.78	09.75	15.17	09.43	18.50	09.06	09.18	08.14
11	17.35	30.86	26.26	15.73	24.07	16.32	14.93	14.63	20.11	25.00	18.27	15.98
12	33.08	26.79	21.47	20.84	30.83	33.40	21.28	22.90	24.09	14.87	11.14	13.80
13	15.00	8.12	07.58	07.19	12.92	14.66	13.54	10.54	01.64	38.89	13.57	01.64
14	19.59	24.42	22.18	15.84	15.67	12.64	09.81	09.85	07.58	09.52	07.08	05.97
15	14.62	28.76	30.74	13.41	25.49	20.23	19.62	18.90	05.58	16.46	12.02	05.30
State	07.32	11.62	08.75	06.23	10.45	09.44	08.12	07.25	08.09	24.14	12.53	07.71

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal,7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills, 15-Dehradun Hills

Table-8B: District-wise RSEs of Estimate of Gross Value Added Per worker-Rural (Enterprise Type: EST)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	15.34	15.88	12.90	11.55	00.00	31.08	18.65	00.00	07.88	51.14	25.52	07.82
2	15.78	00.76	06.06	00.76	19.48	57.41	26.66	21.82	18.62	05.16	08.33	04.97
3	06.51	00.00	02.51	00.00	33.31	01.07	11.33	01.07	04.54	43.22	15.73	04.54
4	02.34	13.31	09.70	02.31	14.11	12.76	11.01	09.54	07.97	17.56	11.95	07.27
5	08.67	08.23	06.01	05.98	12.71	35.24	26.74	12.03	36.96	05.83	19.50	05.77
6	08.05	22.66	17.53	07.66	04.61	19.83	15.83	04.52	02.29	19.64	14.96	02.28
7	07.75	16.38	07.68	07.13	20.27	50.50	44.90	19.26	12.22	36.19	20.06	11.59
8	09.20	09.78	09.06	06.92	40.77	11.35	12.48	11.06	11.98	06.25	06.02	05.55
9	12.38	00.00	04.92	00.00	39.75	12.74	17.92	12.22	06.40	25.60	17.92	06.21
10	00.00	06.40	03.12	00.00	00.00	06.13	03.46	00.00	13.50	38.47	26.17	12.75
11	10.10	08.33	06.43	06.47	08.20	29.48	19.53	07.99	18.58	35.24	28.34	16.79
12	13.10	31.13	20.77	12.08	08.57	10.16	04.85	07.07	10.26	22.20	13.10	09.32
13	04.26	02.10	01.99	01.89	16.61	02.26	09.28	02.24	03.97	01.29	01.50	01.23
14	12.51	02.58	04.71	02.53	15.44	00.00	06.20	00.00	19.62	43.97	27.12	17.92
15	57.11	13.05	16.23	12.88	00.00	14.78	08.93	00.00	12.77	08.19	06.89	06.95
All	14.64	05.70	06.62	05.32	15.56	16.85	10.84	11.98	10.04	08.01	06.25	06.26

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal,7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills, 15-Dehradun Hills

Table-9A: District-wise Estimate of Gross Value Added Per worker-Urban (Enterprise Type: OAE)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matchin g Ratio	Pooled By Inverse of Variance
1	41760	-51000	8029	00000	32534	21994	31837	26085	106577	17379	81729	17411
2	47427	80457	55527	48220	64388	140977	95169	67770	69123	80731	75779	80680
3	66122	51327	62801	61774	71793	158022	110475	72014	60404	69748	64249	67319
4	56335	68762	62987	66241	40785	79590	60210	73267	51181	64158	57434	60875
5	75053	94058	85669	82804	84262	151837	123748	110630	68795	109723	95185	77902
6	88747	86205	88500	87102	111501	116886	112527	116780	101567	70135	88842	79053
7	30037	28748	29046	29993	64660	59866	62625	64086	76728	80517	77745	80105
8	63111	138629	100177	63940	88029	123987	102796	102070	53417	89898	68724	53925
9	35358	94207	59544	70322	56541	110530	85702	67131	65945	72590	69260	70069
10	46157	84237	56900	54060	41247	60612	49844	45358	47484	48765	47932	48627
11	77579	44437	59876	48730	72902	69919	71665	70793	64671	64252	64497	64662
12	37937	40920	39651	38028	82090	256473	151578	83318	51682	56387	54206	52105
13	46632	112509	71679	53659	35998	103540	69168	36148	41300	66328	51501	53156
14	37134	112000	40450	00000	70665	55700	63165	69713	88809	79946	86640	87454
15	00000	57876	57876	00000	00000	84470	84470	00000	00000	59990	59990	00000
State	51782	65472	58480	53503	64939	139412	99719	66512	57862	79367	68522	61763

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal,7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills 15-Dehradun Hills

Gross Value Added per worker* ---- (In Rupees)

Table-9B: District-wise Estimate of Gross Value Added Per worker-Urban (Enterprise Type: EST)

Dist. code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	69160	96800	82980	00000	22864	19965	22551	19968	77692	30673	71600	39989
2	61261	61558	61339	61284	68827	167757	112203	70046	65225	60917	62897	63240
3	51853	175418	98723	65131	92943	304740	203282	97317	71122	62699	67127	64910
4	50269	106984	62209	76867	67566	158155	136414	120719	83864	73320	80279	77523
5	89489	91857	90740	91207	96721	113509	104698	105364	159346	86641	118535	88603
6	58043	-749866	-99231	57975	67283	160841	88652	68585	70562	70038	70678	70495
7	76326	10809	51832	71124	117736	71849	109968	113608	62473	66585	64822	66010
8	73509	106099	83504	100129	120899	55013	101525	100949	66606	53695	62747	63115
9	76181	91101	78892	82068	75162	126846	89346	77279	72390	95303	79499	72797
10	85740	70250	81598	73621	98474	120283	110087	110331	60840	54785	57543	59974
11	67876	73702	70647	70483	108719	686214	394464	114181	69935	110756	84108	78452
12	50777	166826	112621	51040	72558	319610	171552	77169	52975	132561	80905	53236
13	50508	121564	69036	59117	48526	95506	80955	53141	45414	41010	42194	44672
14	62431	66996	63280	66149	65492	90319	74822	76310	114136	98182	108137	111917
15	00000	45420	45420	00000	00000	94650	94650	00000	00000	98412	98412	00000
State	62475	96166	76143	62599	81949	234786	157843	83284	101644	66111	78993	73095

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal, 7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills 15-Dehradun Hills

Gross Value Added per worker* ---- (In Rupees)

Table-10A: District-wise RSEs of Estimate of Gross Value Added Per worker-Urban (Enterprise Type: OAE)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	58.62	00.00	21.96	00.00	19.49	22.96	12.41	15.14	11.54	01.34	06.02	01.34
2	07.61	28.60	25.00	07.39	15.99	33.98	30.51	14.85	39.17	02.23	14.36	02.23
3	18.39	36.72	19.60	16.54	4.45	39.84	34.21	04.43	07.54	03.87	03.79	03.45
4	21.27	08.79	09.54	08.15	23.22	5.25	07.54	05.22	40.22	18.67	19.03	17.01
5	15.86	15.25	11.48	11.06	11.69	8.11	06.77	06.95	10.23	11.99	08.80	07.97
6	29.30	22.27	17.54	17.73	27.36	3.70	11.09	03.67	26.19	23.87	16.47	17.92
7	18.94	04.67	62.65	18.64	14.82	43.41	25.64	14.03	19.53	06.50	08.70	06.17
8	01.53	06.61	05.50	01.50	12.75	11.31	09.28	08.58	03.20	16.00	12.60	03.15
9	31.72	09.84	12.00	10.16	20.53	21.26	17.32	15.50	17.26	12.26	10.13	10.01
10	14.85	15.90	14.92	11.29	16.82	22.05	17.02	13.58	23.72	08.02	10.60	07.60
11	71.20	47.95	42.63	40.80	14.11	09.47	07.98	07.86	08.02	54.67	32.84	07.94
12	06.20	32.38	20.19	06.09	14.73	55.98	56.92	14.46	09.26	27.01	17.22	08.76
13	07.67	09.20	08.89	06.30	3.01	22.20	19.95	02.99	15.10	09.91	09.06	08.51
14	14.04	00.00	05.16	00.00	4.60	22.39	12.02	04.51	05.14	13.44	07.73	04.80
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State	08.48	17.69	12.38	07.67	06.97	22.10	21.99	06.73	05.74	08.89	07.40	04.87

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal,7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills 15-Dehradun Hills

Table-10B: District-wise RSEs of Estimate of Gross Value Added Per worker-Urban (Enterprise Type: EST)

Dist. Code	Manufacturing				Trade				Services			
	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance	Central	State	Pooled By Matching Ratio	Pooled By Inverse of Variance
1	00.00	00.00	00.00	00.00	24.19	00.83	09.82	00.83	42.81	53.90	23.18	37.02
2	05.93	20.59	12.62	05.70	11.18	41.06	36.94	10.92	24.28	28.13	19.20	18.39
3	05.20	04.43	04.85	03.91	13.16	27.64	24.98	12.44	18.38	12.44	10.45	10.32
4	09.10	04.55	05.54	04.34	20.11	07.21	06.41	07.24	22.55	21.00	14.87	15.40
5	15.12	09.06	08.12	07.77	09.26	07.66	06.04	05.92	28.01	08.58	15.52	08.28
6	08.63	72.93	30.68	08.64	03.93	13.84	15.11	03.83	07.49	19.74	12.11	07.00
7	07.96	91.39	24.40	08.20	05.15	26.84	10.75	05.09	13.99	05.29	06.30	04.95
8	25.45	08.35	10.99	08.00	09.41	31.38	11.14	09.41	05.03	10.25	05.68	04.53
9	08.92	09.24	07.27	06.44	06.99	20.04	17.23	06.66	03.36	18.99	13.71	03.31
10	33.82	21.77	18.13	18.37	33.09	24.82	20.12	19.95	16.36	44.46	26.32	15.36
11	16.32	16.70	12.19	11.68	15.03	24.37	25.49	14.24	07.27	08.94	07.47	05.77
12	12.52	80.03	71.17	12.44	22.19	36.53	41.01	20.67	10.41	72.52	71.35	10.34
13	05.46	06.11	06.65	04.37	08.62	13.27	09.62	07.47	11.51	28.32	17.24	10.67
14	14.57	06.48	07.07	05.92	20.93	17.27	14.50	13.49	03.24	09.37	05.28	03.07
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
State	03.92	41.98	53.37	03.91	09.60	35.69	53.22	09.40	30.14	22.92	15.50	18.58

District Codes:

1-Uttarkashi, 2-Chamoli, 3-Rudraprayag, 4-Tehri Garhwal, 5- Dehradun, 6-Pauri Garhwal,7- Pithoragarh, 8-Bageshwar, 9-Almora, 10-Champawat, 11-Nainital, 12-Udham Singh Nagar, 13-Haridwar, 14-Nainital Hills 15-Dehradun Hills

Table-11A: Category-wise Compilation of Estimated Number of Enterprises and Sample Enterprises-Rural (Pooling Method: Matching Ratio)

Compilation Category	Estimated Number of Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	0000	0000	0000	0	0	0
02.meat+fish+fruits+vegetables+oils	2325	1383	1854	49	37	86
03.dairy products	0385	0164	0274	2	5	7
04.grain mill products	12399	5389	8985	157	88	245
05.other food products	2154	0908	1612	47	30	77
06.beverages	0000	0000	0000	0	0	0
07.tobacco products	0000	0242	0121	0	2	2
08.spinning+ weaving+finishing of textiles	3425	1619	2522	32	26	58
09.wearing apparel	0000	0864	0432	0	44	44
10.leather & fur products	0126	1281	0704	5	8	13
11.wood and wood products	10357	2094	6194	94	34	128
12.furniture	3754	2066	2950	60	46	106
13.paper and printing +publishing	0307	0590	0449	8	11	19
14.rubber+ plastic+petroleum products etc.	0539	0003	0271	3	1	4
15.pharmaceuticals+chemical and chemical	0000	0000	0000	0	0	0
16.non-metallic products	0280	0286	0283	7	7	14
17.basic metals(Ferrous)	0000	1049	0525	0	10	10
18.basic metals(Non-Ferrous)	0000	0000	0000	0	0	0
19.recycling	0000	0000	0000	0	0	0
20.febricated metal products+repair(nondomestic)	17870	8833	13356	171	76	247
21.computer+electronics+optical+repair(nondome	0005	0696	0350	4	5	9
22.electrical machinery+repair(nondomestic)	0220	0851	0536	4	2	6
23.machinery nec+repair(nondomestic)	1250	0213	0750	20	4	24
24.transport equipment+repair(nondomestic)	0031	0013	0022	2	1	3
25.other manufacturing+repair	0888	0770	0829	34	34	68
26.repair of motor vehicles and motor cycles	1357	2788	2073	47	25	72
27.Sale of motor vehicles	0494	0291	0392	5	18	23
28.Whole sale trade + Auctioning activities	2977	4210	3594	29	24	53
29.Repair of personal and household goods	6898	18022	12460	91	141	232
30.Retail trade (except motor vehicle)	96956	85714	91335	904	860	1764
31.Hotels; Camping sites etc.	1991	1121	1556	45	55	100

Compilation Category	Estimated Number of Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled
32.Restaurant+bars+canteen	22425	26422	24431	397	312	709
33.Scheduled passenger land transport	0123	0375	0249	6	10	16
34.Non-sch passenger transport by motor vehicles	10421	3931	7144	133	45	178
35.Freight transport by motor vehicles	4904	11656	8289	95	63	158
36.Other non-scheduled passenger land transport	2242	0829	1535	13	13	26
37.Freight transport other than by motor vehicles	17462	5085	11280	154	43	197
38.water Transport	0000	0000	0000	0	0	0
39.Financial excl insurance and pension	0048	3687	1867	3	22	25
40.Other financial activities	1168	0675	0922	9	5	14
41.Storage and Ware Housing	0000	0145	0072	0	2	2
42.Supporting & Auxiliary transport activities	0410	0139	0274	1	4	5
43.Postal Services	0000	0000	0000	0	0	0
44.Courier activities	0000	0000	0000	0	0	0
45.Cable operator	0021	0024	0022	1	1	2
46.Other communication	0259	0220	0239	7	4	11
47.Real Estate	2690	2371	2530	19	5	24
48.Renting of Machinery	2519	1772	2145	39	27	66
49.Computer relating services	0808	0344	0576	6	14	20
50.Legal services	1980	0011	0995	2	1	3
51.Accounting+Book-Keeping	0205	0000	0102	1	0	1
52.Research Dev.	3371	1887	2631	49	44	93
53.Education	1264	0118	0691	13	4	17
54.Coaching centre	5818	3173	4502	80	82	162
55.Medical and Health	6624	4263	5443	62	59	121
56.Sanitary Services	0041	0000	0020	1	0	1
57.Membership Organisations	19608	2611	11109	149	30	179
58.Recreation & Entertainment	1222	0409	0816	17	9	26
59.Washing & cleaning of Textiles	0063	0192	0128	3	3	6
60.Hair dressing + beauty treatment	7215	3185	5200	95	84	179
61.Custom Tailoring	13296	6249	9800	270	110	380
62.Funeral related + otherservices	0135	0922	0529	2	21	23
63.Pvt. Household with employed person	0000	0000	0000	0	0	0
All	293330	222153	257972	3447	2611	6058

Table-11B: Category-wise Compilation of Estimated Number of Enterprises and Sample Enterprises-Urban (Pooling Method: Matching Ratio)

Compilation Category	Estimated Number of Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	0000	0000	0000	0	0	0
02.meat+fish+fruits+vegetables+oils	1084	1024	1057	40	28	68
03.dairy products	0013	0869	0441	1	11	12
04.grain mill products	0477	1489	0983	24	29	53
05.other food products	1334	2193	1766	46	44	90
06.beverages	0017	0000	0008	1	0	1
07.tobacco products	0674	0603	0639	4	5	9
08.spinning+ weaving+finishing of textiles	2869	1314	2092	35	22	57
09.wearing apparel	0000	1444	0722	0	17	17
10.leather & fur products	0539	0110	0324	7	6	13
11.wood and wood products	2362	0282	1306	35	18	53
12.furniture	1879	0383	1140	36	20	56
13.paper and printing +publishing	1563	1389	1488	33	26	59
14.rubber+ plastic+petroleum products etc.	0005	0000	0003	1	0	1
15.pharmaceuticals+chemical and chemical	0000	0145	0072	0	5	5
16.non-metallic products	0076	0034	0055	5	2	7
17.basic metals(Ferrous)	0000	0949	0475	0	10	10
18.basic metals(Non-Ferrous)	0000	0173	0086	0	4	4
19.recycling	0000	0000	0000	0	0	0
20.febricated metal products+repair(nondomestic)	1539	0646	1093	50	25	75
21.computer+electronics+optical+repair(nondome	1487	0612	1050	7	5	12
22.electrical machinery+repair(nondomestic)	0438	0080	0259	5	5	10
23.machinery nec+repair(nondomestic)	0123	0372	0247	4	9	13
24.transport equipment+repair(nondomestic)	0000	0029	0014	0	1	1
25.other manufacturing+repair	1793	1377	1575	64	45	109
26.repair of motor vehicles and motor cycles	5267	2271	3852	72	46	118
27.Sale of motor vehicles	1372	1027	1199	12	14	26
28.Whole sale trade + Auctioning activities	5001	4350	4677	75	53	128
29.Repair of personal and household goods	9283	7978	8631	95	148	243
30.Retail trade (except motor vehicle)	65313	66639	65967	710	644	1354
31.Hotels; Camping sites etc.	3622	6934	5278	107	88	195
32.Restaurant+bars+canteen	13689	12483	13086	325	257	582

Compilation Category	Estimated Number of Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled
33.Scheduled passenger land transport	0123	0242	0192	5	9	14
34.Non-sch passenger transport by motor vehicles	2126	2574	2350	55	18	73
35.Freight transport by motor vehicles	1889	0685	1306	26	22	48
36.Other non-scheduled passenger land transport	3479	1264	2371	24	10	34
37.Freight transport other than by motor vehicles	1768	0887	1327	19	10	29
38.water Transport	0000	0000	0000	0	0	0
39.Financial excl insurance and pension	0238	0033	0136	1	3	4
40.Other financial activities	0402	859	0631	15	14	29
41.Storage and Ware Housing	0000	0009	0004	0	1	1
42.Supporting & Auxiliary transport activities	1503	0469	0994	17	7	24
43.Postal Services	0000	0000	0000	0	0	0
44.Courier activities	0009	0305	0157	2	4	6
45.Cable operator	0062	0238	0160	2	1	3
46.Other communication	1860	0701	1279	15	12	27
47.Real Estate	0648	2142	1395	27	10	37
48.Renting of Machinery	0815	2773	1794	22	37	59
49.Computer relating services	0294	1589	0941	9	22	31
50.Legal services	0712	0729	0721	13	14	27
51.Accounting+Book-Keeping	0020	0492	0256	1	5	6
52.Research Dev.	2070	2188	2129	45	41	86
53.Education	1113	0395	0754	17	6	23
54.Coaching centre	3827	2294	2968	95	59	154
55.Medical and Health	5424	3744	4593	58	62	120
56.Sanitary Services	0776	0163	0471	4	8	12
57.Membership Organisations	1024	2191	1608	30	10	40
58.Recreation & Entertainment	1426	0952	1189	23	18	41
59.Washing & cleaning of Textiles	1971	1470	1720	19	13	32
60.Hair dressing + beauty treatment	5907	5379	5641	119	84	203
61.Custom Tailoring	9860	6363	8112	248	130	378
62.Funeral related + otherservices	0580	0825	0702	3	9	12
63.Pvt. Household with employed person	0000	0000	0000	0	0	0
All	171745	159152	165485	2708	2226	4934

Table-12A: Category-wise Compilation of Estimated Number of **Workers and Sample Workers -Rural (Pooling Method: Matching Ratio)**

Compilation Category	Estimated Number of Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	0000	0000	0000	0	0	0
02.meat+fish+fruits+vegetables+oils	3135	1556	2346	68	46	114
03.dairy products	0770	0310	0540	4	9	13
04.grain mill products	20288	6719	14072	229	122	351
05.other food products	6671	1947	4505	141	93	234
06.beverages	0000	0000	0000	0	0	0
07.tobacco products	0000	0285	0142	0	3	3
08.spinning+ weaving+finishing of textiles	6122	2042	4082	60	43	103
09.wearing apparel	0000	1509	0755	0	80	80
10.leather & fur products	0172	1690	0931	7	11	18
11.wood and wood products	13928	2810	8338	133	63	196
12.furniture	7688	5574	6685	180	140	320
13.paper and printing +publishing	1053	1555	1304	23	26	49
14.rubber+ plastic+petroleum products etc.	2039	0009	1024	13	3	16
15.pharmaceuticals+chemical and chemical	0000	0000	0000	0	0	0
16.non-metallic products	1444	0447	0946	72	26	98
17.basic metals(Ferrous)	0000	1129	0564	0	17	17
18.basic metals(Non-Ferrous)	0000	0000	0000	0	0	0
19.recycling	0000	0000	0000	0	0	0
20.febricated metal products+repair(nondomestic)	24110	19930	22147	287	173	460
21.computer+electronics+optical+repair(nondomes	0010	0703	0356	7	10	17
22.electrical machinery+repair(nondomestic)	0294	0947	0621	6	4	10
23.machinery nec+repair(nondomestic)	3126	0894	2055	46	13	59
24.transport equipment+repair(nondomestic)	0145	0013	0079	9	1	10
25.other manufacturing+repair	1608	1424	1516	62	62	124
26.repair of motor vehicles and motor cycles	3869	6902	5385	123	56	179
27.Sale of motor vehicles	0634	1143	0889	21	49	70
28.Whole sale trade + Auctioning activities	11252	10737	10996	88	89	177
29.Repair of personal and household goods	8111	31643	19877	125	182	307
30.Retail trade (except motor vehicle)	132269	98233	115251	1335	1142	2477
31.Hotels; Camping sites etc.	13756	3826	8791	155	210	365
32.Restaurant+bars+canteen	32198	34348	33296	766	568	1334

Compilation Category	Estimated Number of Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
33.Scheduled passenger land transport	0205	0505	0355	9	14	23
34.Non-sch passenger transport by motor vehicles	15481	4705	10014	214	59	273
35.Freight transport by motor vehicles	11715	50443	31099	253	166	419
36.Other non-scheduled passenger land transport	2242	0829	1535	13	13	26
37.Freight transport other than by motor vehicles	24173	5085	14643	211	43	254
38.water Transport	0000	0000	0000	0	0	0
39.Financial excl insurance and pension	0100	4016	2058	7	30	37
40.Other financial activities	1168	0811	0990	9	8	17
41.Storage and Ware Housing	0000	0287	0143	0	4	4
42.Supporting & Auxiliary transport activities	0819	0180	0499	2	7	9
43.Postal Services	0000	0000	0000	0	0	0
44.Courier activities	0000	0000	0000	0	0	0
45.Cable operator	0062	0047	0055	3	2	5
46.Other communication	0328	0222	0275	9	5	14
47.Real Estate	2908	3174	3041	22	6	28
48.Renting of Machinery	6270	5455	5862	103	78	181
49.Computer relating services	0852	0533	0692	9	26	35
50.Legal services	1981	0011	0996	3	1	4
51.Accounting+Book-Keeping	1843	0000	0921	9	0	9
52.Research Dev.	3712	2268	2994	80	53	133
53.Education	1336	0147	0741	16	5	21
54.Coaching centre	24036	25542	25146	553	793	1346
55.Medical and Health	9457	6445	7951	129	156	285
56.Sanitary Services	0041	0000	0020	1	0	1
57.Membership Organisations	23249	7671	15460	168	222	390
58.Recreation & Entertainment	4107	0874	2491	61	27	88
59.Washing & cleaning of Textiles	0069	0201	0135	4	4	8
60.Hair dressing + beauty treatment	10106	4441	7274	175	128	303
61.Custom Tailoring	19086	8801	13971	440	192	632
62.Funeral related + otherservices	0135	0991	0563	2	27	29
63.Pvt. Household with employed person	0000	0000	0000	0	0	0
All	460170	372008	417414	6465	5310	1177

Table-12B : Category-wise Compilation of Estimated Number of **Workers and Sample Workers -Urban (Pooling Method : Matching Ratio)**

Compilation Category	Estimated Number of Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	0000	0000	0000	0	0	0
02.meat+fish+fruits+vegetables+oils	1980	1215	1606	67	37	104
03.dairy products	0025	2208	1117	2	26	28
04.grain mill products	0807	2545	1676	36	47	83
05.other food products	4612	7181	5914	139	131	270
06.beverages	0050	0000	0025	3	0	3
07.tobacco products	0674	0603	0639	4	5	9
08.spinning+ weaving+finishing of textiles	5045	1908	3477	65	37	102
09.wearing apparel	0000	2362	1181	0	38	38
10.leather & fur products	0691	0114	0403	9	7	16
11.wood and wood products	8124	0575	4319	99	44	143
12.furniture	4651	0965	2833	92	57	149
13.paper and printing +publishing	3588	2673	3166	75	77	152
14.rubber+ plastic+petroleum products etc.	0010	0000	0005	2	0	2
15.pharmaceuticals+chemical and chemical	0000	0436	0218	0	14	14
16.non-metallic products	0310	0067	0188	21	4	25
17.basic metals(Ferrous)	0000	1475	0738	0	23	23
18.basic metals(Non-Ferrous)	0000	0268	0134	0	7	7
19.recycling	0000	0000	0000	0	0	0
20.febricated metal products+repair(nondomestic)	4264	2928	3596	135	68	203
21.computer+electronics+optical+repair(nondomes	4413	2892	3653	22	23	45
22.electrical machinery+repair(nondomestic)	0541	0144	0342	9	9	18
23.machinery nec+repair(nondomestic)	0155	2152	1153	6	51	57
24.transport equipment+repair(nondomestic)	0000	0513	0257	0	18	18
25.other manufacturing+repair	3678	1643	2641	133	82	215
26.repair of motor vehicles and motor cycles	11785	7070	9686	184	133	317
27.Sale of motor vehicles	2095	3189	2642	32	49	81
28.Whole sale trade + Auctioning activities	8209	8423	8321	219	133	352
29.Repair of personal and household goods	11957	11362	11660	145	244	389
30.Retail trade (except motor vehicle)	105452	99290	102347	1230	1147	2377
31.Hotels; Camping sites etc.	13733	43322	28528	514	420	934
32.Restaurant+bars+canteen	26186	23586	24886	743	564	1307

Compilation Category	Estimated Number of Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
33.Scheduled passenger land transport	0349	0317	0362	15	15	30
34.Non-sch passenger transport by motor vehicles	2931	3083	3007	85	22	107
35.Freight transport by motor vehicles	4937	1738	3386	66	57	123
36.Other non-scheduled passenger land transport	3894	1264	2579	30	10	40
37.Freight transport other than by motor vehicles	2107	0922	1514	30	14	44
38.water Transport	0000	0000	0000	0	0	0
39.Financial excl insurance and pension	3097	0069	1583	13	8	21
40.Other financial activities	0640	1541	1091	21	48	69
41.Storage and Ware Housing	0000	0009	0004	0	1	1
42.Supporting & Auxiliary transport activities	2668	1851	2276	40	26	66
43.Postal Services	0000	0000	0000	0	0	0
44.Courier activities	0018	0731	0374	4	11	15
45.Cable operator	0713	0953	0949	16	4	20
46.Other communication	2243	0745	1491	19	23	42
47.Real Estate	0972	2413	1692	38	13	51
48.Renting of Machinery	2511	8319	5415	68	139	207
49.Computer relating services	0043	2208	1376	16	52	68
50.Legal services	0714	1058	0886	14	22	36
51.Accounting+Book-Keeping	0080	1691	0885	4	12	16
52.Research Dev.	3272	4871	4072	84	77	161
53.Education	1757	0395	1076	24	6	30
54.Coaching centre	38605	14298	23109	686	538	1224
55.Medical and Health	9139	6240	7715	131	144	275
56.Sanitary Services	0781	0494	0639	5	19	24
57.Membership Organisations	1128	2513	1821	39	18	57
58.Recreation & Entertainment	3094	1639	2367	80	36	116
59.Washing & cleaning of Textiles	3026	1802	2414	32	20	52
60.Hair dressing + beauty treatment	11050	7494	9267	228	145	373
61.Custom Tailoring	17998	12109	15053	502	253	755
62.Funeral related + otherservices	0917	0053	0885	4	10	14
63.Pvt. Household with employed person	0000	0000	0000	0	0	0
All	342219	312726	324634	6280	5238	1151

Table-13A: Category-wise Compilation of RSEs of Estimated Number of Enterprises and Sample Workers -Rural (Pooling Method: Matching Ratio)

Compilation Category	RSE of Estimated Number of Enterprises			RSE of Sample Workers		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	0.00	0.00	0.00	0.00	0.00	0.00
02.meat+fish+fruits+vegetables+oils	24.19	40.84	21.94	21.1	37.6	18.7
03.dairy products	100	59.25	60.10	100	60.5	60.7
04.grain mill products	18.81	21.37	12.92	21.1	21.9	13.7
05.other food products	29.88	31.87	19.26	23.7	27.4	15.7
06.beverages	0.00	0.00	0.00	0.00	0.00	0.00
07.tobacco products	0.00	84.34	101.21	0.00	76.2	91.8
08.spinning+ weaving+finishing of textiles	45.81	53.45	32.30	47.4	44.9	31.4
09.wearing apparel	0.00	40.19	48.23	0.00	50.8	60.9
10.leather & fur products	52.8	88.05	96.20	50.6	86.0	93.7
11.wood and wood products	27.52	36.95	19.87	25.1	32	17.9
12.furniture	24.32	43.14	21.95	21.9	37.9	21.4
13.paper and printing +publishing	56.85	57.58	47.99	60.9	63.7	49.6
14.rubber+ plastic+petroleum products etc.	79.47	100	63.23	82.4	100	65.6
15.pharmaceuticals+chemical and chemical	0.00	0.00	0.00	0.00	0.00	0.00
16.non-metallic products	24.99	78.52	48.63	49.3	55.1	33.9
17.basic metals(Ferrous)	0.00	86.58	103.80	0.00	80.7	97.0
18.basic metals(Non-Ferrous)	0.00	0.00	0.00	0.00	0.00	0.00
19.recycling	0.00	0.00	0.00	0.00	0.00	0.00
20.fabricated metal products+repair(nondomestic)	21.95	28.52	16.31	20.1	40.1	23.3
21.computer+electronics+optical+repair(nondomes	36.45	99.59	118.83	61.3	98.5	116.
22.electrical machinery+repair(nondomestic)	66.63	88.68	85.18	66.1	69.4	64.8
23.machinery nec+repair(nondomestic)	37.86	82.41	28.88	52.5	87.1	39.2
24.transport equipment+repair(nondomestic)	100	100	66.59	100	100	74.0
25.other manufacturing+repair	33.32	35.66	24.47	38.0	36.3	26.1
26.repair of motor vehicles and motor cycles	29.02	73.39	59.71	45.1	84.2	66.1
27.Sale of motor vehicles	87.72	47.94	49.10	71.0	71.2	58.5
28.Whole sale trade + Auctioning activities	51.79	78.05	57.48	71.4	76.0	53.2
29.Repair of personal and household goods	25.16	44.01	38.60	26.2	65.4	62.7
30.Retail trade (except motor vehicle)	6.86	19.47	11.34	8.98	19.4	10.7
31.Hotels; Camping sites etc.	43.27	23.65	24.39	71.7	29.7	45.5
32.Restaurant+bars+canteen	16.44	54.21	35.69	15.2	51.9	32.7
33.Scheduled passenger land transport	74.72	44.05	42.45	83.4	49.9	46.8

Compilation Category	RSE of Estimated Number of Enterprises			RSE of Sample Workers		
	Central	State	Pooled	Central	State	Pooled
34.Non-sch passenger transport by motor vehicles	17.05	24.51	12.82	18.6	24.4	13.4
35.Freight transport by motor vehicles	27.16	77.61	65.80	27.8	90.1	87.8
36.Other non-scheduled passenger land transport	44.84	62.28	33.07	44.8	62.2	33.0
37.Freight transport other than by motor vehicles	25.16	36.49	18.44	28.0	36.4	20.0
38.water Transport	0.00	0.00	0.00	0.00	0.00	0.00
39.Financial excl insurance and pension	91.39	29.41	34.86	87.9	27.8	32.6
40.Other financial activities	39.24	64.96	34.78	39.2	39.3	26.7
41.Storage and Ware Housing	0.00	70.72	85.45	0.00	78.5	94.6
42.Supporting & Auxiliary transport activities	100	77	64.28	100	68.4	67.3
43.Postal Services	0.00	0.00	0.00	0.00	0.00	0.00
44.Courier activities	0.00	0.00	0.00	0.00	0.00	0.00
45.Cable operator	0.00	0.00	75.78	0.00	0.00	68.2
46.Other communication	55.61	57.91	40.05	52.0	57.2	37.2
47.Real Estate	41.02	71.11	43.62	39.0	68.8	45.6
48.Renting of Machinery	37.53	34.85	24.68	45.4	54.8	36.2
49.Computer relating services	90.49	42.43	53.00	85.1	42.0	46.2
50.Legal services	99.96	0.00	79.57	99.9	0.00	79.5
51.Accounting+Book-Keeping	0.00	0.00	80.39	0.00	0.00	80.0
52.Research Dev.	40.63	24.17	23.28	37.8	24.1	21.7
53.Education	39.43	72.48	29.79	36.5	67.4	27.5
54.Coaching centre	11.27	25.71	12.33	19.1	26.7	17.8
55.Medical and Health	27.16	27.98	18.65	25.9	35.2	21.1
56.Sanitary Services	0.00	0.00	82.00	0.00	0.00	82.0
57.Membership Organisations	17.71	29.99	13.20	20.4	46.5	18.5
58.Recreation & Entertainment	42.19	47.71	29.06	50.4	50.5	34.9
59.Washing & cleaning of Textiles	76.67	82.88	76.10	71.4	80.4	73.3
60.Hair dressing + beauty treatment	21.48	16.55	13.38	15.9	17.2	10.8
61.Custom Tailoring	10.37	34.75	14.44	9.60	34.9	14.2
62.Funeral related + otherservices	87.99	39.91	42.69	87.9	38.5	41.5
63.Pvt. Household with employed person	0.00	0.00	0.00	0.00	0.00	0.00
All	7.14	27.37	14.51	11.8	37.3	20.6

Table-13B: Category-wise Compilation of RSEs of Estimated Number of Enterprises and Sample Workers -Urban (Pooling Method: Matching Ratio)

Compilation Category	RSE of Estimated Number of Enterprises			RSE of Sample Workers		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	0.00	0.00	0.00	0.00	0.00	0.00
02.meat+fish+fruits+vegetables+oils	15.02	44.21	26.43	17.03	47.15	22.99
03.dairy products	0.00	28.91	34.20	0.00	31.74	37.66
04.grain mill products	34.31	48.71	44.77	40.20	46.77	43.31
05.other food products	37.25	37.00	29.78	44.11	30.29	26.01
06.beverages	0.00	0.00	85.00	0.00	0.00	80.00
07.tobacco products	0.00	95.98	68.80	0.00	95.98	68.80
08.spinning+ weaving+finishing of textiles	49.47	61.55	35.70	50.22	65.65	36.29
09.wearing apparel	0.00	66.58	79.90	0.00	61.41	73.69
10.leather & fur products	41.43	51.88	29.53	53.8	50.5	37.88
11.wood and wood products	63.72	39.73	46.38	82.39	39.93	62.07
12.furniture	40.10	31.52	27.19	38.78	32.41	26.31
13.paper and printing +publishing	24.87	56.64	33.40	24.46	40.82	23.46
14.rubber+ plastic+petroleum products etc.	0.00	0.00	66.67	0.00	0.00	80.00
15.pharmaceuticals+chemical and chemical	0.00	80.35	97.09	0.00	92.1	10.52
16.non-metallic products	24.29	70.74	29.47	40.73	78.36	31.66
17.basic metals(Ferrous)	0.00	61.68	73.94	0.00	60.73	72.83
18.basic metals(Non-Ferrous)	0.00	89.86	08.46	0.00	87.16	04.59
19.recycling	0.00	0.00	0.00	0.00	0.00	0.00
20.febricated metal	26.28	40.95	20.74	28.67	65.19	34.63
21.computer+electronics+optical+repair(nondo	60.00	2.70	34.00	32.58	5.63	15.97
22.electrical machinery+repair(nondomestic)	76.81	71.06	53.60	63.00	66.77	43.29
23.machinery nec+repair(nondomestic)	93.19	70.95	66.75	92.26	70.08	78.64
24.transport equipment+repair(nondomestic)	0.00	0.00	24.29	0.00	0.00	19.77
25.other manufacturing+repair	55.73	31.89	30.40	57.81	29.12	33.99
26.repair of motor vehicles and motor cycles	22.59	46.01	20.43	30.10	55.23	28.28
27.Sale of motor vehicles	60.94	61.42	42.12	48.77	53.45	41.69
28.Whole sale trade + Auctioning activities	45.69	43.52	31.17	36.92	32.84	24.70
29.Repair of personal and household goods	19.56	21.82	14.74	17.2	18.11	12.72
30.Retail trade (except motor vehicle)	13.57	11.70	8.90	18.03	13.68	10.89
31.Hotels; Camping sites etc.	17.14	62.38	49.40	24.36	81.70	74.59
32.Restaurant+bars+canteen	12.40	16.31	10.68	14.15	23.25	14.50
33.Scheduled passenger land transport	59.73	43.15	36.04	61.68	39.78	31.66

Compilation Category	RSE of Estimated Number of Enterprises			RSE of Sample Workers		
	Central	State	Pooled	Central	State	Pooled
34.Non-sch passenger transport by motor	28.92	49.72	34.31	29.76	48.61	32.08
35.Freight transport by motor vehicles	33.14	70.91	29.42	33.54	73.85	30.00
36.Other non-scheduled passenger land	52.33	68.97	37.82	54.88	68.97	38.86
37.Freight transport other than by motor	34.09	95.19	42.28	23.68	91.85	36.06
38.water Transport	0.00	0.00	0.00	0.00	0.00	0.00
39.Financial excl insurance and pension	0.00	66.17	70.66	0.00	61.91	78.27
40.Other financial activities	38.23	48.67	40.93	44.04	42.58	37.54
41.Storage and Ware Housing	0.00	0.00	0.00	0.00	0.00	35.00
42.Supporting & Auxiliary transport activities	45.06	60.43	32.18	48.08	77.84	44.17
43.Postal Services	0.00	0.00	0.00	0.00	0.00	0.00
44.Courier activities	0.00	80.42	93.77	0.00	72.51	85.06
45.Cable operator	93.42	0.00	90.42	97.64	0.00	67.02
46.Other communication	43.51	59.41	31.97	29.01	56.00	24.22
47.Real Estate	28.07	16.84	16.37	30.74	9.67	10.88
48.Renting of Machinery	41.56	51.12	48.01	46.61	28.36	27.53
49.Computer relating services	55.87	78.03	79.37	59.60	67.10	65.28
50.Legal services	66.13	57.06	43.37	65.95	56.07	45.45
51.Accounting+Book-Keeping	0.00	1.96	3.86	0.00	14.12	16.59
52.Research Dev.	27.58	45.43	30.00	26.8	61.31	44.84
53.Education	41.56	88.47	37.09	48.31	88.47	37.09
54.Coaching centre	10.79	22.76	11.93	39.09	26.42	27.90
55.Medical and Health	14.29	13.79	9.54	21.09	21.71	14.52
56.Sanitary Services	92.74	74.79	63.06	92.18	77.46	57.64
57.Membership Organisations	28.86	37.18	31.27	23.74	41.09	34.53
58.Recreation & Entertainment	47.3	57.61	35.79	39.77	62.59	33.30
59.Washing & cleaning of Textiles	52.42	52.05	35.91	48.21	48.30	32.44
60.Hair dressing + beauty treatment	18.61	17.49	12.68	22.54	21.76	15.07
61.Custom Tailoring	13.45	21.59	12.08	12.99	31.41	16.38
62.Funeral related + otherservices	71.17	59.57	48.14	77.97	58.06	46.60
63.Pvt. Household with employed person	0.00	0.00	0.00	0.00	0.00	0.00
All	6.84	5.41	4.22	11.73	8.13	6.82

Table-14A: Category-wise Compilation of Gross Value Added Per Worker and RSEs - Rural (Pooling Method: Matching Ratio) (Enterprise Type: OAE)

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	00000	00000	00000	0.00	0.00	0.00
02.meat+fish+fruits+vegetables+oils	78830	76488	77959	20.85	11.13	10.68
03.dairy products	00000	64710	64699	0.00	0.00	0.00
04.grain mill products	27406	32678	28777	16.03	17.03	13.11
05.other food products	45277	81404	52872	20.69	26.38	25.38
06.beverages	00000	00000	00000	0.00	0.00	0.00
07.tobacco products	00000	6057	06057	0.00	1.03	0.62
08.spinning+ weaving+finishing of textiles	15296	34867	17500	28.59	28.51	35.52
09.wearing apparel	00000	67343	67345	0.00	7.13	4.28
10.leather & fur products	133957	57348	60924	21.09	4.53	18.72
11.wood and wood products	42680	48148	43837	7.67	22.12	14.88
12.furniture	63037	16218	55944	11.03	85.46	49.90
13.paper and printing +publishing	17469	139589	49274	3.08	1.85	3.17
14.rubber+ plastic+petroleum products etc.	07493	00000	07493	0.00	0.00	0.00
15.pharmaceuticals+chemical and chemical	00000	00000	00000	0.00	0.00	0.00
16.non-metallic products	35527	6000	17684	6.25	0.00	5.02
17.basic metals(Ferrous)	00000	57263	57263	0.00	37.25	22.35
18.basic metals(Non-Ferrous)	00000	00000	00000	0.00	0.00	0.00
19.recycling	00000	00000	00000	0.00	0.00	0.00
20.fabricated metal	25300	25942	25470	10.32	29.73	18.63
21.computer+electronics+optical+repair(nondo	67580	58520	58570	18.07	0.00	8.34
22.electrical machinery+repair(nondomestic)	24890	00000	24889	10.14	0.00	4.06
23.machinery nec+repair(nondomestic)	22517	128688	23113	16.78	0.00	6.54
24.transport equipment+repair(nondomestic)	00000	51600	51600	0.00	0.00	0.00
25.other manufacturing+repair	138996	156267	47250	27.85	27.06	62.91
26.repair of motor vehicles and motor cycles	99854	52223	73624	23.04	40.20	21.19
27.Sale of motor vehicles	106323	362096	77969	6.44	8.80	24.77
28.Whole sale trade + Auctioning activities	49121	84154	68583	32.75	12.27	13.02
29.Repair of personal and household goods	55576	47915	49675	11.32	5.65	6.03
30.Retail trade (except motor vehicle)	44784	74576	57229	10.74	10.99	9.23
31.Hotels; Camping sites etc.	41293	23155	34755	60.24	28.38	30.79
32.Restaurant+bars+canteen	44813	66989	56447	7.25	7.20	5.62
33.Scheduled passenger land transport	37848	127262	07746	32.46	14.97	60.63

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
34.Non-sch passenger transport by motor	108621	112604	10083	11.76	23.00	62.23
35.Freight transport by motor vehicles	55897	-276642	00767	23.11	61.59	45.60
36.Other non-scheduled passenger land	56738	46056	53854	11.90	7.10	6.20
37.Freight transport other than by motor	43055	59156	46109	8.62	23.35	18.26
38.water Transport	00000	00000	00000	0.00	0.00	0.00
39.Financial excl insurance and pension	00000	8349	8349	0.00	59.69	35.81
40.Other financial activities	63941	35824	61566	17.94	52.71	19.85
41.Storage and Ware Housing	00000	7865	7865	0.00	2.48	1.49
42.Supporting & Auxiliary transport activities	00000	61200	61200	0.00	0.00	0.00
43.Postal Services	00000	00000	00000	0.00	0.00	0.00
44.Courier activities	00000	00000	00000	0.00	0.00	0.00
45.Cable operator	00000	00000	00000	0.00	0.00	0.00
46.Other communication	9958	38454	21300	53.36	30.01	34.00
47.Real Estate	44532	54755	48118	46.76	0.11	17.31
48.Renting of Machinery	27133	45564	31465	12.55	34.51	30.29
49.Computer relating services	78699	67922	75163	1.86	16.58	9.02
50.Legal services	301440	79680	00251	0.00	0.00	0.00
51.Accounting+Book-Keeping	00000	00000	00000	0.00	0.00	0.00
52.Research Dev.	83263	58293	73253	6.57	15.55	8.00
53.Education	49930	96276	54920	24.24	46.06	49.24
54.Coaching centre	61501	24456	57103	14.67	9.65	6.79
55.Medical and Health	48151	57928	52315	17.07	29.86	20.81
56.Sanitary Services	16560	00000	16560	0.00	0.00	0.00
57.Membership Organisations	33504	32119	33368	8.81	10.98	7.26
58.Recreation & Entertainment	10756	38132	17349	42.92	27.24	37.47
59.Washing & cleaning of Textiles	79064	49511	57594	25.04	3.64	13.88
60.Hair dressing + beauty treatment	50977	36872	45117	22.23	15.98	12.74
61.Custom Tailoring	38292	46237	41261	7.60	6.60	5.26
62.Funeral related + otherservices	18508	73677	66824	16.15	34.38	22.81
63.Pvt. Household with employed person	00000	00000	00000	0.00	0.00	0.00
All	45754	56885	50133	8.23	6.44	5.32

Gross Value Added Per Worker ----- (In Rupees)

Table-14B: Category-wise Compilation of Gross Value Added Per Worker and RSEs - Rural (Pooling Method : Matching Ratio) (Enterprise Type: EST)

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	00000	00000	00000	0.00	0.00	0.00
02.meat+fish+fruits+vegetables+oils	84913	107953	86055	24.25	20.00	17.84
03.dairy products	104325	19673	81567	0.00	37.39	5.41
04.grain mill products	65487	71058	69698	22.41	21.13	15.43
05.other food products	62126	42635	58789	8.58	18.11	8.67
06.beverages	00000	00000	00000	0.00	0.00	0.00
07.tobacco products	00000	00000	00000	0.00	0.00	0.00
08.spinning+ weaving+finishing of textiles	50716	54452	54001	12.84	14.94	10.25
09.wearing apparel	00000	59799	59799	0.00	7.78	4.67
10.leather & fur products	50693	51154	50852	35.98	30.51	23.34
11.wood and wood products	45709	81735	51420	14.76	19.54	19.36
12.furniture	72332	82620	77477	9.87	6.41	5.51
13.paper and printing +publishing	64379	70019	68157	7.39	8.05	5.69
14.rubber+ plastic+petroleum products etc.	104808	61200	04572	1.05	0.00	9.63
15.pharmaceuticals+chemical and chemical	00000	00000	00000	0.00	0.00	0.00
16.non-metallic products	35640	110199	46637	63.85	25.28	40.81
17.basic metals(Ferrous)	00000	118500	18500	0.00	0.00	0.00
18.basic metals(Non-Ferrous)	00000	00000	00000	0.00	0.00	0.00
19.recycling	00000	00000	00000	0.00	0.00	0.00
20.febricated metal	68556	67890	68671	7.62	5.94	4.66
21.computer+electronics+optical+repair(nondo	51960	158743	19913	0.00	0.00	0.00
22.electrical machinery+repair(nondomestic)	55845	62865	61919	0.00	5.22	3.18
23.machinery nec+repair(nondomestic)	151047	155768	50066	11.48	8.17	20.60
24.transport equipment+repair(nondomestic)	93945	00000	93943	0.00	0.00	0.00
25.other manufacturing+repair	65601	204734	28095	9.64	45.48	99.06
26.repair of motor vehicles and motor cycles	125168	40791	70260	29.33	9.05	21.14
27.Sale of motor vehicles	91085	138482	17583	28.80	11.53	80.81
28.Whole sale trade + Auctioning activities	136729	45968	93124	14.09	43.52	15.32
29.Repair of personal and household goods	44738	30498	32653	6.30	6.04	4.84
30.Retail trade (except motor vehicle)	86517	74727	80730	12.08	10.55	7.82
31.Hotels; Camping sites etc.	86567	132464	96119	5.47	26.78	22.23
32.Restaurant+bars+canteen	51306	48801	50022	6.72	11.63	7.34
33.Scheduled passenger land transport	65916	59965	62014	0.00	3.32	1.93

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
34.Non-sch passenger transport by motor	71712	48509	68745	8.47	34.11	14.87
35.Freight transport by motor vehicles	60058	73886	72060	18.09	2.14	6.17
36.Other non-scheduled passenger land	00000	00000	00000	0.00	0.00	0.00
37.Freight transport other than by motor	52830	00000	52638	8.14	0.00	3.27
38.water Transport	00000	00000	00000	0.00	0.00	0.00
39.Financial excl insurance and pension	95858	52203	69499	18.66	72.23	34.14
40.Other financial activities	00000	135182	35180	0.00	27.91	64.35
41.Storage and Ware Housing	00000	00000	00000	0.00	0.00	0.00
42.Supporting & Auxiliary transport activities	35670	49851	36912	0.00	9.75	7.90
43.Postal Services	00000	00000	00000	0.00	0.00	0.00
44.Courier activities	00000	00000	00000	0.00	0.00	0.00
45.Cable operator	151920	51900	08680	0.00	0.00	0.00
46.Other communication	00000	45600	45600	0.00	0.00	0.00
47.Real Estate	96900	101400	01386	0.00	0.00	0.00
48.Renting of Machinery	67703	59375	63161	6.83	7.06	4.94
49.Computer relating services	38535	142437	05629	20.62	57.42	73.60
50.Legal services	89928	00000	89928	0.00	0.00	0.00
51.Accounting+Book-Keeping	109333	00000	09333	0.00	0.00	0.00
52.Research Dev.	71051	33999	64865	20.49	18.39	10.68
53.Education	35512	00000	35512	18.95	0.00	7.58
54.Coaching centre	54317	79431	69090	17.76	23.6	17.21
55.Medical and Health	89094	81430	86418	20.94	15.03	12.12
56.Sanitary Services	00000	00000	00000	0.00	0.00	0.00
57.Membership Organisations	31612	4087	08090	35.98	03.82	64.44
58.Recreation & Entertainment	60973	16788	55185	14.32	27.99	8.13
59.Washing & cleaning of Textiles	00000	51900	51900	0.00	0.00	0.00
60.Hair dressing + beauty treatment	45828	56774	47373	5.2	12.16	8.97
61.Custom Tailoring	45145	54288	47042	6.21	13.53	9.67
62.Funeral related + otherservices	00000	59178	59191	0.00	5.84	3.50
63.Pvt. Household with employed person	00000	00000	00000	0.00	0.00	0.00
All	72328	66413	69466	14.27	6.58	7.04

Gross Value Added Per Worker ----- (In Rupees)

Table-14C : Category-wise Compilation of Gross Value Added Per Worker and RSEs - Rural (Pooling Method : Matching Ratio) (Enterprise Type: ALL)

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	00000	00000	00000	0.00	0.00	0.00
02.meat+fish+fruits+vegetables+oils	79908	77073	78967	17.34	11.14	9.58
03.dairy products	104325	23644	81139	0.00	44.93	7.86
04.grain mill products	39946	36650	40891	22.98	16.81	12.74
05.other food products	56416	54619	56909	15.43	20.17	13.13
06.beverages	00000	00000	00000	0.00	0.00	0.00
07.tobacco products	00000	6057	06057	0.00	1.03	0.62
08.spinning+ weaving+finishing of textiles	16320	47216	24047	28.11	17.73	22.24
09.wearing apparel	00000	61937	61937	0.00	4.98	2.99
10.leather & fur products	89730	57175	60176	33.71	4.74	20.29
11.wood and wood products	43676	58456	46311	7.44	19.88	15.32
12.furniture	69260	77549	72525	8.27	8.13	6.10
13.paper and printing +publishing	48967	75471	64769	29.43	10.05	11.34
14.rubber+ plastic+petroleum products etc.	86888	61200	86775	24.14	0.00	9.67
15.pharmaceuticals+chemical and chemical	00000	00000	00000	0.00	0.00	0.00
16.non-metallic products	35629	58316	40994	57.2	56.64	52.27
17.basic metals(Ferrous)	00000	58289	58290	0.00	37.1	22.26
18.basic metals(Non-Ferrous)	00000	00000	00000	0.00	0.00	0.00
19.recycling	00000	00000	00000	0.00	0.00	0.00
20.fabricated metal	33456	53068	42720	12.46	15.50	12.19
21.computer+electronics+optical+repair(nondo	58223	59958	59934	12.37	3.34	5.21
22.electrical machinery+repair(nondomestic)	40423	62865	57547	26.66	5.22	8.24
23.machinery nec+repair(nondomestic)	90539	155724	03449	42.59	8.17	498.9
24.transport equipment+repair(nondomestic)	93945	51600	90507	0.00	0.00	0.00
25.other manufacturing+repair	117357	169424	41813	27.97	23.35	64.87
26.repair of motor vehicles and motor cycles	122018	41769	70595	27.41	11.2	19.36
27.Sale of motor vehicles	101607	313284	37753	8.49	19.44	97.22
28.Whole sale trade + Auctioning activities	128734	50532	90546	17.13	35.95	15.49
29.Repair of personal and household goods	52950	41846	44112	8.32	6.31	5.37
30.Retail trade (except motor vehicle)	49046	74596	59934	10.56	10.46	8.54
31.Hotels; Camping sites etc.	84261	121188	92296	6.49	26.1	20.70
32.Restaurant+bars+canteen	46831	61770	54526	5.90	8.27	5.98
33.Scheduled passenger land transport	56487	92780	82314	15.24	16.96	12.21

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
34.Non-sch passenger transport by motor	86970	99120	89623	7.69	22.13	14.99
35.Freight transport by motor vehicles	58380	44644	47241	15.57	10.67	9.79
36.Other non-scheduled passenger land	56738	46056	53854	11.90	7.10	6.20
37.Freight transport other than by motor	44047	59156	46662	7.78	23.35	18.00
38.water Transport	00000	00000	00000	0.00	0.00	0.00
39.Financial excl insurance and pension	95858	10005	12080	18.66	52.43	64.71
40.Other financial activities	63941	121981	87726	17.94	31.81	27.05
41.Storage and Ware Housing	00000	7865	07865	0.00	2.48	1.49
42.Supporting & Auxiliary transport activities	35670	56235	39368	0.00	8.88	7.61
43.Postal Services	00000	00000	00000	0.00	0.00	0.00
44.Courier activities	00000	00000	00000	0.00	0.00	0.00
45.Cable operator	151920	51900	08680	0.00	0.00	0.00
46.Other communication	9958	38635	21550	53.36	29.07	32.79
47.Real Estate	44620	78356	62226	46.58	20.46	20.43
48.Renting of Machinery	52716	57574	54976	9.32	8.36	6.35
49.Computer relating services	74581	90179	80586	5.96	29.38	19.85
50.Legal services	301275	79680	00088	0.08	0.00	109.5
51.Accounting+Book-Keeping	109333	00000	09333	0.00	0.00	0.00
52.Research Dev.	81789	57395	72497	7.47	15.41	8.06
53.Education	48631	96276	53345	24.04	46.06	50.64
54.Coaching centre	55031	78738	68443	14.23	23.55	16.89
55.Medical and Health	60110	63322	61410	19.26	23.34	16.29
56.Sanitary Services	16560	00000	16560	0.00	0.00	0.00
57.Membership Organisations	33431	12969	28355	9.15	49.99	14.38
58.Recreation & Entertainment	42239	28655	39855	37.12	32.47	21.07
59.Washing & cleaning of Textiles	79064	49711	57239	25.04	3.76	13.97
60.Hair dressing + beauty treatment	48420	40569	46023	10.93	14.34	8.87
61.Custom Tailoring	41144	48140	43335	5.48	5.93	4.47
62.Funeral related + otherservices	18508	73085	66550	16.15	33.28	22.00
63.Pvt. Household with employed person	00000	00000	00000	0.00	0.00	0.00
All	54551	61272	57681	13.52	4.62	5.90

Gross Value Added Per Worker ----- (In Rupees)

Table-15A: Category-wise Compilation of Gross Value Added Per Worker and RSEs - Urban (Pooling Method : Matching Ratio) (Enterprise Type:OAE)

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	00000	00000	00000	0.00	0.00	0.00
02.meat+fish+fruits+vegetables+oils	107830	120813	14905	6.11	16.94	84.26
03.dairy products	64080	115557	13980	0.00	21.4	06.13
04.grain mill products	40789	48725	46946	17.93	27.91	18.46
05.other food products	31614	31551	31559	25.73	54.59	34.33
06.beverages	00000	00000	00000	0.00	0.00	0.00
07.tobacco products	17775	16003	16939	0.00	32.78	18.58
08.spinning+ weaving+finishing of textiles	24378	17576	22287	27.48	67.67	34.20
09.wearing apparel	00000	39039	39039	0.00	15.83	9.50
10.leather & fur products	86348	49536	78414	35.14	36.92	20.87
11.wood and wood products	49100	116102	68223	32.44	35.3	37.23
12.furniture	104993	74877	92768	45.54	22.47	23.31
13.paper and printing +publishing	26155	70114	46750	48.62	8.2	13.15
14.rubber+ plastic+petroleum products etc.	00000	00000	00000	0.00	0.00	0.00
15.pharmaceuticals+chemical and chemical	00000	32250	32250	0.00	0.00	0.00
16.non-metallic products	34181	120000	47711	8.17	0.00	2.34
17.basic metals(Ferrous)	00000	91964	91963	0.00	52.24	31.34
18.basic metals(Non-Ferrous)	00000	32326	32326	0.00	40.45	24.27
19.recycling	00000	00000	00000	0.00	0.00	0.00
20.febricated metal	48623	100172	67798	18.16	36.75	32.99
21.computer+electronics+optical+repair(nondo	102360	00000	02360	0.00	0.00	0.00
22.electrical machinery+repair(nondomestic)	58224	65894	60177	1.35	14.54	9.57
23.machinery nec+repair(nondomestic)	97835	96120	97664	6.20	85.39	50.49
24.transport equipment+repair(nondomestic)	00000	00000	00000	0.00	0.00	0.00
25.other manufacturing+repair	55950	195330	11871	25.37	19.82	01.44
26.repair of motor vehicles and motor cycles	73444	95172	77493	17.63	24.63	19.34
27.Sale of motor vehicles	48721	26000	48367	14.52	0.00	5.85
28.Whole sale trade + Auctioning activities	154179	133258	44476	14.71	16.69	36.28
29.Repair of personal and household goods	51597	55911	53652	19.94	10.29	10.01
30.Retail trade (except motor vehicle)	60874	140089	98795	6.77	23.16	19.77
31.Hotels; Camping sites etc.	100929	57309	70146	18.72	41.53	23.03
32.Restaurant+bars+canteen	45976	60948	52704	8.04	10.29	7.67
33.Scheduled passenger land transport	102120	81248	82907	0.00	25.1	14.76

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
34.Non-sch passenger transport by motor	114141	95996	02413	20.43	18.37	84.55
35.Freight transport by motor vehicles	194185	449667	78732	3.73	33.59	15.17
36.Other non-scheduled passenger land	49944	36603	46959	8.58	9.17	5.63
37.Freight transport other than by motor	52746	22456	42008	28.20	6.82	14.33
38.water Transport	00000	00000	00000	0.00	0.00	0.00
39.Financial excl insurance and pension	00000	18658	18658	0.00	53.10	31.86
40.Other financial activities	73003	103104	95141	17.79	38.26	25.47
41.Storage and Ware Housing	00000	10800	10800	0.00	0.00	0.00
42.Supporting & Auxiliary transport activities	126889	00000	26886	33.83	0.00	63.86
43.Postal Services	00000	00000	00000	0.00	0.00	0.00
44.Courier activities	00000	00000	00000	0.00	0.00	0.00
45.Cable operator	00000	00000	00000	0.00	0.00	0.00
46.Other communication	33825	39166	35079	41.32	45.61	34.46
47.Real Estate	73748	306830	56063	44.59	35.15	17.78
48.Renting of Machinery	00000	47597	47597	0.00	9.73	5.84
49.Computer relating services	103577	55841	57660	17.52	5.51	12.99
50.Legal services	156306	82520	12878	7.34	11.71	57.42
51.Accounting+Book-Keeping	00000	134659	34691	0.00	47.58	10.81
52.Research Dev.	69904	69219	69593	18.69	20.74	14.48
53.Education	66869	71388	67841	16.48	5.27	7.30
54.Coaching centre	65252	132307	01220	23.64	30.59	53.71
55.Medical and Health	90226	73804	83672	17.66	27.48	16.42
56.Sanitary Services	19451	63795	28349	6.44	5.21	7.25
57.Membership Organisations	50763	107481	89490	19.68	19.77	14.93
58.Recreation & Entertainment	60192	70178	65870	3.99	17.33	11.17
59.Washing & cleaning of Textiles	35676	79264	55975	34.78	23.24	21.65
60.Hair dressing + beauty treatment	58673	69777	66136	11.84	25.32	16.57
61.Custom Tailoring	56929	52903	55178	14.5	14.84	10.43
62.Funeral related + otherservices	26709	22447	24767	54.97	2.57	23.75
63.Pvt. Household with employed person	00000	00000	00000	0.00	0.00	0.00
All	60846	107678	83329	4.83	18.76	14.61

Gross Value Added Per Worker ----- (In Rupees)

Table-15B : Category-wise Compilation of Gross Value Added Per Worker and RSEs - Urban (Pooling Method : Matching Ratio) (Enterprise Type: EST)

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	00000	00000	00000	0.00	0.00	0.00
02.meat+fish+fruits+vegetables+oils	70314	91267	74988	18.78	0.00	7.04
03.dairy products	00000	47216	47216	0.00	28.44	17.06
04.grain mill products	49624	24199	30543	10.81	34.07	64.12
05.other food products	52966	-15144	15408	18.21	33.37	74.35
06.beverages	16300	00000	16300	0.00	0.00	0.00
07.tobacco products	00000	00000	00000	0.00	0.00	0.00
08.spinning+ weaving+finishing of textiles	22747	7935	19890	16.57	51.57	14.49
09.wearing apparel	00000	98396	98396	0.00	65.16	39.10
10.leather & fur products	77304	94200	77710	0.65	0.00	0.26
11.wood and wood products	80112	66610	79804	3.57	27.30	13.75
12.furniture	84036	95455	85896	20.26	7.92	9.53
13.paper and printing +publishing	62737	93836	76507	15.86	18.05	14.27
14.rubber+ plastic+petroleum products etc.	126000	00000	26000	0.00	0.00	0.00
15.pharmaceuticals+chemical and chemical	00000	59891	59891	0.00	0.78	0.47
16.non-metallic products	154586	25600	30537	0.00	0.00	0.00
17.basic metals(Ferrous)	00000	88926	88926	0.00	24.89	14.93
18.basic metals(Non-Ferrous)	00000	96800	96800	0.00	0.00	0.00
19.recycling	00000	00000	00000	0.00	0.00	0.00
20.febricated metal	64610	62141	63597	7.24	20.35	12.29
21.computer+electronics+optical+repair(nond	63984	168106	07890	2.04	18.57	37.49
22.electrical machinery+repair(nondomestic)	54149	00000	54149	32.45	0.00	12.98
23.machinery nec+repair(nondomestic)	95858	402493	93528	5.74	31.81	82.17
24.transport equipment+repair(nondomestic)	00000	653000	53000	0.00	0.00	0.00
25.other manufacturing+repair	65817	-3414	52017	13.21	1331.6	52.86
26.repair of motor vehicles and motor cycles	63004	201465	17752	6.92	64.73	40.88
27.Sale of motor vehicles	190656	79656	93069	29.28	37.39	30.73
28.Whole sale trade + Auctioning activities	116118	918297	41646	15.99	64.65	55.51
29.Repair of personal and household goods	48124	57993	53114	11.07	19.90	13.64
30.Retail trade (except motor vehicle)	80941	146539	13497	12.60	12.96	89.67
31.Hotels; Camping sites etc.	105578	42512	57607	19.68	32.95	20.52
32.Restaurant+bars+canteen	58880	73250	66068	8.75	7.18	5.70
33.Scheduled passenger land transport	88784	64800	85611	7.50	0.00	3.11

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
34.Non-sch passenger transport by motor	82155	82599	82274	6.67	23.40	14.35
35.Freight transport by motor vehicles	67912	370402	36756	14.89	21.61	31.13
36.Other non-scheduled passenger land	26760	-3000	07690	0.00	0.00	0.00
37.Freight transport other than by motor	36804	00000	36804	4.60	0.00	1.84
38.water Transport	00000	00000	00000	0.00	0.00	0.00
39.Financial excl insurance and pension	48923	120000	49249	0.00	0.00	0.00
40.Other financial activities	132129	76495	94350	6.45	6.56	4.82
41.Storage and Ware Housing	00000	00000	00000	0.00	0.00	0.00
42.Supporting & Auxiliary transport activities	89238	94652	91980	12.80	12.93	9.40
43.Postal Services	00000	00000	00000	0.00	0.00	0.00
44.Courier activities	33012	135296	32906	0.00	18.6	45.89
45.Cable operator	58658	99300	79113	0.92	0.00	0.27
46.Other communication	48978	59444	56866	2.08	51.51	32.32
47.Real Estate	78073	114682	98069	19.22	7.75	8.19
48.Renting of Machinery	71878	62608	65034	7.30	9.77	6.50
49.Computer relating services	45883	90044	75420	23.94	13.35	11.20
50.Legal services	43800	165975	55351	0.00	0.00	0.00
51.Accounting+Book-Keeping	76050	100762	99631	0.00	11.95	7.25
52.Research Dev.	56915	101036	86620	15.39	4.78	5.25
53.Education	52183	00000	52183	2.79	0.00	1.12
54.Coaching centre	157884	62048	17507	38.73	18.34	45.05
55.Medical and Health	69771	87740	77812	16.06	14.57	11.42
56.Sanitary Services	28798	476759	19489	19.85	41.79	13.50
57.Membership Organisations	26768	124200	97247	9.31	0.00	1.03
58.Recreation & Entertainment	46009	24488	44079	28.96	22.61	14.25
59.Washing & cleaning of Textiles	57395	63200	57732	18.59	0.00	7.39
60.Hair dressing + beauty treatment	51881	53229	52113	12.15	14.13	9.92
61.Custom Tailoring	47952	73474	57661	6.29	7.91	6.40
62.Funeral related + otherservices	00000	32000	32000	0.00	0.00	0.00
63.Pvt. Household with employed person	00000	00000	00000	0.00	0.00	0.00
All	87895	118957	93176	20.45	28.30	82.02

Gross Value Added Per Worker ----- (In Rupees)

Table-15C : Category-wise Compilation of Gross Value Added Per Worker and RSEs - Urban (Pooling Method : Matching Ratio) (Enterprise Type: ALL)

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
01.Cotton ginning+ cleaning and bailing	00000	00000	00000	0.00	0.00	0.00
02.meat+fish+fruits+vegetables+oils	85002	113839	96155	11.58	17.1	12.82
03.dairy products	64080	71707	71622	0.00	49.67	29.84
04.grain mill products	46762	32913	36247	8.24	64.99	35.66
05.other food products	51649	-3592	18223	17.06	18.88	39.55
06.beverages	16300	00000	16300	0.00	0.00	0.00
07.tobacco products	17775	16003	16939	0.00	32.78	18.58
08.spinning+ weaving+finishing of textiles	23854	15622	21595	22.36	66.54	30.52
09.wearing apparel	00000	59969	59969	0.00	36.19	21.71
10.leather & fur products	82358	52484	78141	18.66	33.88	15.76
11.wood and wood products	77537	89816	78538	4.6	26.29	18.13
12.furniture	86301	88128	86922	18.04	10.48	9.59
13.paper and printing +publishing	52521	85997	67647	18.28	15.32	12.99
14.rubber+ plastic+petroleum products etc.	126000	00000	26000	0.00	0.00	0.00
15.pharmaceuticals+chemical and chemical	00000	58082	58082	0.00	4.49	2.69
16.non-metallic products	118211	50257	06118	42.65	51.26	15.32
17.basic metals(Ferrous)	00000	90462	90462	0.00	33.05	19.83
18.basic metals(Non-Ferrous)	00000	38653	38653	0.00	37.6	22.56
19.recycling	00000	00000	00000	0.00	0.00	0.00
20.febricated metal	63209	65015	63944	7.59	19.33	12.17
21.computer+electronics+optical+repair(nondo	67865	168106	07552	5.58	18.57	248.8
22.electrical machinery+repair(nondomestic)	57316	65894	59116	7.40	14.54	10.14
23.machinery nec+repair(nondomestic)	97011	401069	80667	5.27	31.8	94.90
24.transport equipment+repair(nondomestic)	00000	653000	53000	0.00	0.00	0.00
25.other manufacturing+repair	60942	143863	86420	18.04	32.87	33.22
26.repair of motor vehicles and motor cycles	65011	193667	11966	5.66	62.1	603.1
27.Sale of motor vehicles	78174	79214	78802	27.30	37.11	24.87
28.Whole sale trade + Auctioning activities	131212	655824	96732	15.63	66.61	71.09
29.Repair of personal and household goods	50333	56727	53449	15.14	11.74	9.40
30.Retail trade (except motor vehicle)	67701	142388	03911	6.90	17.75	90.67
31.Hotels; Camping sites etc.	105437	42853	57918	18.99	32.48	19.98
32.Restaurant+bars+canteen	51894	67216	59155	7.07	6.18	4.89
33.Scheduled passenger land transport	89543	76714	84679	6.87	19.38	10.93
34.Non-sch passenger transport by motor	97151	93515	95287	11.03	18.09	11.56

Compilation Category	Gross Value Added Per Worker			RSEs		
	Central	State	Pooled	Central	State	Pooled
35.Freight transport by motor vehicles	70763	383636	51109	15.59	21.87	98.87
36.Other non-scheduled passenger land	49381	31319	44956	8.65	4.28	4.20
37.Freight transport other than by motor	49501	22456	41271	24.02	6.82	11.74
38.water Transport	00000	00000	00000	0.00	0.00	0.00
39.Financial excl insurance and pension	48923	39740	48724	0.00	58.76	28.76
40.Other financial activities	106269	89942	94734	16.99	21.49	14.42
41.Storage and Ware Housing	00000	10800	10800	0.00	0.00	0.00
42.Supporting & Auxiliary transport activities	98741	94652	97144	12.77	12.93	9.17
43.Postal Services	00000	00000	00000	0.00	0.00	0.00
44.Courier activities	33012	135296	32906	0.00	18.6	45.89
45.Cable operator	58658	99300	79113	0.92	0.00	0.27
46.Other communication	34007	40927	35701	40.52	41.40	32.39
47.Real Estate	75754	263632	09699	25.06	46.30	59.15
48.Renting of Machinery	71878	60377	63043	7.30	9.55	6.42
49.Computer relating services	50973	71325	67309	24.42	8.11	9.02
50.Legal services	155676	85833	13981	7.26	12.59	56.54
51.Accounting+Book-Keeping	76050	101227	00090	0.00	11.70	95.71
52.Research Dev.	62935	92842	80827	14.22	9.42	7.86
53.Education	64224	71388	65538	13.65	5.27	6.36
54.Coaching centre	154486	70098	16430	38.43	23.31	156.3
55.Medical and Health	78550	81921	80291	13.34	10.10	8.09
56.Sanitary Services	19956	321610	36561	7.94	29.37	55.02
57.Membership Organisations	46888	110651	90893	23.87	14.32	11.56
58.Recreation & Entertainment	51027	64686	55757	19.87	22.60	17.33
59.Washing & cleaning of Textiles	43085	78695	56374	21.79	22.83	20.25
60.Hair dressing + beauty treatment	53665	66362	58808	9.34	20.37	14.21
61.Custom Tailoring	51333	64604	56671	9.34	12.72	9.34
62.Funeral related + otherservices	26709	23404	25116	54.97	5.53	23.59
63.Pvt. Household with employed person	00000	00000	00000	0.00	0.00	0.00
All	76410	114118	92924	15.15	19.36	15.11

Gross Value Added Per Worker ----- (In Rupees)

