



**Pooling of
Central and State Sample Data
For NSS 67th ROUND**

**SCHEDULE 2.34 : UNINCORPORATED NON-AGRICULTURAL
ENTERPRISES (EXCLUDING CONSTRUCTION)
(PUNJAB STATE)**

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PREFACE

The 67th round (July 2010-June 2011) of NSS was earmarked for survey on 'Unincorporated non-agricultural enterprises (excluding construction).The result of this survey contain estimated number of enterprises,workers and Gross Value added per worker relating to the unorganised sector of manufacturing,trade and services.One of the objectives of States participation in the NSS programme is to provide a mechanism by which sample size would be increased and the pooling of two sets of data can be done so as to enable better estimates at lower sub-state level.The present publication gives the pooled results of the Central and State sample data at district level for the NSS 67th round.

I wish to place on record my sincere appreciation for the good work done by the officers and staff of Tabulation Section of DES. I acknowledge the sincere efforts done by officers as well as officials of Tabulation Section for data entry, validation and tabulation alongwith the preparation of report.

I hope this report will be of very much use to the planners, policy makers, academicians and researchers. The Department expects suggestions and comments from readers for further improvement in the future endeavours of this kind.

Dated:
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Chapter-I

Introduction

Background

The theoretical framework of pooling and the methodology as well as the issues concerning operational and technical aspects of poolability of NSS central and state sample data was detailed in the report submitted by one of the professional committee constituted by NSC on pooling of central and state sample data under the chairmanship of Professor R. Radhakrishna, Ex-Chairman, National Statistical Commission (NSC). As a follow up action, DPD undertook pooling exercise of central and state sample data of two states and the methodology of pooling was demonstrated along with the exercise of pooling undertaken to the State Govt Officials in two central pooling workshops and 5 GSDP workshops organised in collaboration with NAD and State DES so that DES may undertake the pooling exercise independently in respect of their State. The present exercise is pooling of validated Punjab state sample data of NSS 67th round with the central sample data released.

Emerging need for pooling of estimates:

- There has been, of late, major thrust for lower level data for decentralized planning and development
- 13th Finance Commission, in Para 12.99 of its report, noted that “Comparable estimates of district income are extremely relevant for measuring intra-state income disparities.
- This will enable State Governments to effectively plan policy and programme interventions. They could also be used as a parameter for horizontal distribution of fiscal transfers
- The Commission also recommended for granting finance to State Governments, which should be utilized by them for strengthening statistical infrastructure at the district level.

NSC Committee on pooling:

The Committee was constituted under the chairmanship of Prof. R. Radhakrishna in 2010 to look into following

- Conditions to be fulfilled for pooling of Central and State Sample NSS data
- Methodology for pooling
- Time frame by which the exercise needs to be completed by each State
- Generating weighting diagrams from the pooled data at sub-state level for the purpose of consumer price indices (Rural and Urban) including occupation specific indices

such as CPI-AL, CPI-IW etc., from the NSS data on consumer expenditure surveys (quinquennial & thin sample)

Parameters considered for pooling:

Considering the smaller sample size at district level following broad parameters were considered for pooling.

- 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 Services]
- State level estimated enterprises and workers by sector, enterprise type (OAE, EST, ALL) and CC (compilation category: 63 NAD CC)
- District wise emoluments per hired worker in establishments by sector and BAC
- State level emoluments per hired worker in establishments by sector and CC (63 NAD CC)
- District wise GVA per enterprises by sector, enterprise type (OAE, EST, ALL) and BAC
- State level GVA per enterprises by sector and CC (63 NAD CC)
- District wise GVA per worker by sector, enterprise type (OAE, EST, ALL) and BAC
- State level GVA per worker by sector and CC (63 NAD CC)

Testing the poolability of two sets of data:

District wise following tests were undertaken.

- 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]
- b) District wise divergence test for GVAPW by BAC for central and state sample separately for OAE and EST (Establishments) between central and state sample [parametric Z-test]

Methodology of pooling:

Two alternate methods are used in pooling the central and state sample data.

- 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.
- 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.

Poolability test of two sample

- As such two sets of data cannot be merged for generating **pooled** estimate without testing that the samples are realized from identical distribution function
- Since the parametric distribution of the sample mean is unknown one may adopt non-parametric tests such Run test, Median test, chi-square test etc to test that the samples are coming from identical distribution function
- **Median test:** Observations in each sample are assigned to two groups, one consisting of data whose values are higher than the median value of the two groups combined, and the other consisting of data whose values are at the median or below
- The statistical power of this test may sometimes be improved by using a value other than the median to define the groups say quintile classes
- Let m^* be the median of the pooled sample data. Constructed 2 X 2 contingency table as below and use chi-square test if State sample and Central sample have identical median Observed frequency of each cell $O_{ij} = N_{ij}$ where $i = 1$ to 2, $j = 1$ to 2.
- Expected frequency of each cell $E_{ij} = (N_{i.} * N_{.j}) / N_{..}$ where $i = 1$ to 2, $j = 1$ to 2.
- degrees of freedom = $(2-1)*(2-1) = 1$

$$\chi^2 \text{ Value} = \sum_{i=1}^2 \sum_{j=1}^2 (O_{ij} - E_{ij})^2 / O_{ij}$$

Sample-type	no of sample observation		Total
	* <= m	* > m	
State	N_{11}	N_{12}	$N_{1.}$
Central	N_{21}	N_{22}	$N_{2.}$
Total	$N_{.1}$	$N_{.2}$	$N_{..}$

Multinomial distribution test or chi-square test

- For discrete data such as status of activity, educational level and categorical variable such as land possessed code etc, standard tests of equality of sample proportions of two sets of data based on multinomial distributions, relevant chi-square tests may be used after grouping the attributes/categorical variables in to a suitable number of classes so that each class contains adequate number of sample observations

- Construct 2 X k contingency table for k classes at the domain where two sets of data are to be pooled as given in next slide and use chi-square test if State sample and Central sample have identical
- Observed frequency of each cell $O_{ij} = N_{ij}$ where $i = 1$ to $2, j = 1$ to k .
- Expected frequency of each cell $E_{ij} = (N_{i.} * N_{.j})/N_{..}$ where $i = 1$ to $2, j = 1$ to k .

$$\chi^2 \text{ Value} = \sum_{i=1}^2 \sum_{j=1}^k (O_{ij} - E_{ij})^2 / O_{ij}$$

degrees of freedom = $(2-1)*(k-1) = k-1$

Sample-type	no of sample observation				Total
	Class-1	Class-2	..	Class-k	
State	N_{11}	N_{12}	..	N_{1k}	$N_{1.}$
Central	N_{21}	N_{22}	..	N_{2k}	$N_{2.}$
Total	$N_{.1}$	$N_{.2}$..	$N_{.k}$	$N_{..}$

Wald-Wolfowitz run test (non-parametric)

- 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 is $H_1: F_s(x) \leq F_c(x)$ for all x and $F_s(x) < F_c(x)$ for some x
- Let x_1, x_2, \dots, x_m be iid observation from state sample with distributive function F_s and y_1, y_2, \dots, y_n be iid observation from central sample with distributive function F_c .
- Merge the data and order them with respect to comparable characteristic under consideration say monthly per capita expenditure (MPCE)

Run test:

- In the merged data order 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: 1111000111001111110000 is divided in six runs, three of them are made out of “1” and the others are made out of “0”.
- The total runs U is a random variable whose distribution for large sample can be treated as normal with:

$$\text{mean} = \frac{2mn}{m+n} + 1$$

$$\text{Variance} = \frac{2mn(2mn - m - n)}{(m+n)^2(m+n-1)}$$

- 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 by observed characteristic of all the observation of one sample is less than the other samples
- Limitations of this test is when there is a tie between two samples in the observed value. One has to resolve ties in usual manner.
- If there is large number of ties which is bound to occur specially for qualitative attributes like education level this test is not recommended.
- This test can be well applied for a continuous variable such as MPCE which are less prone to ties.
- For discrete variable use chi-square test

Parametric Test:

Aggregate estimate:

- 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

Aggregate estimate:

$$Z = \frac{(t_{yc} - t_{ys})}{\sqrt{(V(t_{yc}) + V(t_{ys}))}}$$

$V(t_{yc})$ and $V(t_{ys})$ could be estimated as

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

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

Estimated rates/ratios:

- Let r_c and r_s be the estimate of population rates R_c and R_s ie ratio 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:

$$mse(r_c) = (\text{var}(t_{yc}) - 2 * r_c \text{cov}(t_{yc}, t_{xc}) + r_c^2 * \text{var}(t_{xc})) / t_{xc}^2$$

$$mse(r_s) = (\text{var}(t_{ys}) - 2 * r_s \text{cov}(t_{ys}, t_{xs}) + r_s^2 * \text{var}(t_{xs})) / t_{xs}^2$$

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

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

$$\text{cov}(t_{yc}, t_{xc}) = \sum_l (t_{yc1} - t_{yc2})(t_{xc1} - t_{xc2}) / 4$$

Presentation of results:

Summary statements of results are placed in the document both for poolability test and pooled results for Punjab state. Details results are also available in excel sheet and print files generated through the pooling software.

Sample size: Total sample size of Punjab State for CENTRAL and STATE sample is given below:

PUNJAB-RURAL				
	Central sample		State sample	
Enterprise type	FSU allotted	Enterprise surveyed	FSU allotted	Enterprise surveyed
OAE	216	3114	216	1999
EST	216	1227	216	951
ALL	216	4341	216	2950
PUNJAB-URBAN				
Enterprise type	FSU allotted	Enterprise surveyed	FSU allotted	Enterprise surveyed
OAE	200	2719	200	1691
EST	200	2352	200	1681
ALL	200	5071	200	3372

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

CC	Compilation Category Description	NIC2008
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)

CC	Compilation Category Description	NIC2008
14	rubber+ plastic+petroleum products etc.	19+22
15	pharmaceuticals+chemical and chemical products	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 products+repair(nondomestic)	25+3311
21	computer+electronics+optical+repair(nondomestic)	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 vehicles	4922-49226
35	Freight transport by motor vehicles	49231
36	Other non-scheduled passenger land transport	49226
37	Freight transport other than by motor vehicles	49232
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+81+82
53	Education	85491
54	Coaching centre	85-85491
55	Medical and Health	86+75

CC	Compilation Category Description	NIC2008
56	Sanitary Services	37+381+382+39
57	Membership Organisations	87+88+94
58	Recreation & Entertainment	59+60+6391+90+91+(92-92001-
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

CHAPTER-II

Results of Poolability Test

State: PUNJAB		Sector: RURAL Enttype: OAE -RUN TEST					
Table-0.1 (R): District wise result of run test of GVAPW for pooled sample							
$Z_{0.01} = - 2.33$ [one sided test] reject if z-value < $Z_{0.01}$							
Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	-3.97044	N	-3.73485	N	-3.13557	N
2	Amritsar	-3.98998	N	-3.35208	N	-4.47546	N
3	Kapurthala	-2.72455	N	-2.25471	Y	5.63E-03	Y
4	Jalandhar	-2.49045	N	0.424914	Y	-0.37487	Y
5	Hoshiarpur	-9.10254	N	-1.94269	Y	-3.83368	N
6	Nawanshehar	-0.78658	Y	-1.17779	Y	-0.24054	Y
7	Roopnagar	-2.85665	N	-2.44984	N	-1.3608	Y
8	Fatehgarh Sahib	-2.84056	N	-4.8325	N	-2.74367	N
9	Ludhiana	-4.37451	N	-0.97962	Y	-0.76909	Y
10	Moga	-3.37296	N	-1.94922	Y	-1.36883	Y
11	Firozpur	-1.55793	Y	-1.72827	Y	-1.58908	Y
12	Muktsar Sahib	-1.96928	Y	0.385833	Y	-1.64256	Y
13	Fraiddkot	0.135635	Y	-0.48633	Y	0.057134	Y
14	Bathinda	-1.10671	Y	-0.13761	Y	0.384206	Y
15	Mansa	-1.32463	Y	-0.78882	Y	-0.24684	Y
16	Sangrur	-5.58022	N	-6.46237	N	-2.96121	N
17	Patiala	-3.38351	N	-5.28587	N	-4.34479	N
18	S.A.S Nagar	-0.40815	Y	-3.68039	N	-1.76225	Y
19	Barnala	-5.58989	N	-1.26996	Y	-2.58636	N

State: PUNJAB**Sector: RURAL Enttype: EST -RUN TEST****Table-0.2 (R): District wise result of run test of GVAPW for pooled sample** **$Z_{0.01} = -2.33$ [one sided test] reject if z-value < $Z_{0.01}$**

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	0.257308	Y	0.807294	Y	-0.47664	Y
2	Amritsar	-2.65489	N	-2.49516	N	-4.32649	N
3	Kapurthala	-0.61546	Y	-0.28783	Y	8.27E-02	Y
4	Jalandhar	1.731826	Y	-0.06268	Y	-0.39114	Y
5	Hoshiarpur	-3.31944	N	-3.49933	N	-1.07835	Y
6	Nawanshehar	-2.3509	N	0.224853	Y	-2.49674	N
7	Roopnagar	-3.74035	N	-4.16902	N	-2.22742	Y
8	Fatehgarh Sahib	0.272301	Y	-0.2423	Y	0.266343	Y
9	Ludhiana	0.398219	Y	0.654654	Y	-2.23687	Y
10	Moga	-0.79772	Y	-0.58835	Y	-1.0294	Y
11	Firozpur	0		0.262613	Y	0.27735	Y
12	Muktsar Sahib	0.237069	Y	0.680708	Y	-0.93472	Y
13	Fraiddkot	-0.28415	Y	-0.13041	Y	-0.75788	Y
14	Bathinda	-0.73102	Y	0.26465	Y	-1.36316	Y
15	Mansa	-0.10564	Y	-0.98292	Y	-0.41581	Y
16	Sangrur	-1.71332	Y	-5.67907	N	-1.30705	Y
17	Patiala	-3.84434	N	-3.00461	N	-2.01414	Y
18	S.A.S Nagar	-1.73819	Y	-1.03407	Y	-1.14776	Y
19	Barnala	-3.75681	N	-3.20415	N	-3.0366	N

State: PUNJAB

Sector: URBAN Enttype: OAE -RUN TEST

Table-0.3 (U): District wise result of run test of GVAPW for pooled sample

 $Z_{0.01} = -2.33$ [one sided test] reject if z-value $< Z_{0.01}$

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	-0.82598	Y	-2.10911	Y	-3.74421	N
2	Amritsar	-2.11204	Y	-2.76255	N	-5.55485	N
3	Kapurthala	-0.64458	Y	-1.80903	Y	-1.71377	Y
4	Jalandhar	-3.06917	N	-2.07246	Y	1.05341	Y
5	Hoshiarpur	-4.62726	N	-2.31031	Y	-4.4655	N
6	Nawanshehar	0.485938	Y	0.864645	Y	-0.62221	Y
7	Roopnagar	-1.72417	Y	-3.27734	N	-1.01696	Y
8	Fatehgarh	-3.98254	N	-3.87945	N	-4.343	N
9	Ludhiana	-2.54555	N	-2.50096	N	-1.87241	Y
10	Moga	-2.8972	N	0.804652	Y	-0.89735	Y
11	Firozpur	-2.88983	N	-0.11788	Y	-0.3144	Y
12	Muktsar Sahib	-2.85846	N	-0.74682	Y	-1.57195	Y
13	Fraidkot	-1.89704	Y	1.026297	Y	1.303246	Y
14	Bathinda	-1.08417	Y	-2.64501	N	-1.84497	Y
15	Mansa	-2.06847	Y	-1.09461	Y	-5.72E-02	Y
16	Sangrur	-3.26255	N	-4.26958	N	-1.87124	Y
17	Patiala	-3.35348	N	-3.19618	N	-1.72579	Y
18	S.A.S Nagar	-0.15852	Y	-3.9969	N	-4.36959	N
19	Barnala	0.933154	Y	-2.3671	N	-1.54431	Y

State: PUNJAB**Sector: URBAN Enttype: EST -RUN TEST****Table-0.4 (U): District wise result of run test of GVAPW for pooled sample** **$Z_{0.01} = -2.33$ [one sided test] reject if z-value < $Z_{0.01}$**

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	-2.62944	N	-1.1389	Y	-2.30515	Y
2	Amritsar	-3.49007	N	-1.09711	Y	-2.07544	Y
3	Kapurthala	0.5882	Y	-1.76943	Y	-0.99695	Y
4	Jalandhar	-2.77475	N	-8.33E-03	Y	-2.55343	N
5	Hoshiarpur	-5.25402	N	-2.33344	N	-2.92011	N
6	Nawanshehar	-6.13995	N	-1.3913	Y	-2.23054	Y
7	Roopnagar	-0.47419	Y	-2.52473	N	-1.47318	Y
8	Fatehgarh Sahib	-1.31764	Y	-1.15453	Y	-2.06419	Y
9	Ludhiana	-2.60084	N	-0.55923	Y	0.184609	Y
10	Moga	-1.83264	Y	-0.57515	Y	-0.36614	Y
11	Firozpur	-0.22033	Y	1.634638	Y	-0.60302	Y
12	Muktsar Sahib	-1.18316	Y	1.465571	Y	-0.57957	Y
13	Fraidkot	0.211055	Y	-0.27052	Y	-0.59722	Y
14	Bathinda	-0.93236	Y	-3.03885	N	-1.60187	Y
15	Mansa	-0.16196	Y	-1.52297	Y	-2.04899	Y
16	Sangrur	-0.78705	Y	-3.72654	N	-1.955	Y
17	Patiala	-3.2859	N	-2.01095	Y	-0.42356	Y
18	S.A.S Nagar	-0.22771	Y	-2.25522	Y	-1.12163	Y
19	Barnala	-1.97093	Y	-0.72869	Y	-1.25701	Y

State: PUNJAB**Sector: RURAL Enttype: OAE -MEAN TEST****Table-0.5(R): District wise test of GVAPW difference for pooled sample** **$Z_{0.005} = 2.575$ [one sided test] reject if absolute z-value $> Z_{0.005}$**

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	6.653643	N	1.603834	Y	2.666184	N
2	Amritsar	10.87962	N	4.991559	N	6.954413	N
3	Kapurthala	5.886402	N	2.1428318	Y	0.297024	Y
4	Jalandhar	2.50072	Y	0.1922077	Y	0.855209	Y
5	Hoshiarpur	14.56968	N	2.4626621	Y	5.806996	N
6	Nawanshehar	2.166235	Y	1.109562	Y	6.694825	N
7	Roopnagar	1.394603	Y	2.6834883	N	3.632797	N
8	Fatehgarh Sahib	3.344882	N	7.310192	N	1.848696	Y
9	Ludhiana	8.408272	N	4.5358287	N	1.050636	Y
10	Moga	10.26386	N	1.500025	Y	5.556948	N
11	Firozpur	0.927658	Y	0.0416356	Y	1.788525	Y
12	Muktsar Sahib	6.25469	N	1.6161716	Y	0.785365	Y
13	Fraiddkot	2.687547	N	0.7657971	Y	1.611822	Y
14	Bathinda	4.058543	N	2.0404444	Y	3.715806	N
15	Mansa	1.567506	Y	1.9935895	Y	0.903879	Y
16	Sangrur	8.677739	N	9.6114239	N	0.288867	Y
17	Patiala	4.351965	N	3.1758117	N	1.395727	Y
18	S.A.S Nagar	3.556062	N	4.6439448	N	2.183351	Y
19	Barnala	11.42281	N	5.3991038	N	17.65267	N
20	All	7.706668	N	5.0620565	N	6.637222	N

State: PUNJAB

Sector: RURAL Enttype: EST -MEAN TEST

Table-0.6(R): District wise test of GVAPW difference for pooled sample

 $Z_{0.005} = 2.575$ [one sided test] reject if absolute z-value $> Z_{0.005}$

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	0.612162	Y	3.0781696	N	1.0721	Y
2	Amritsar	6.010513	N	22.210437	N	2.456282	Y
3	Kapurthala	0.991097	Y	28.143691	N	1.676714	Y
4	Jalandhar	1.608905	Y	3.7230807	N	1.979332	Y
5	Hoshiarpur	3.342171	N	0.8733598	Y	4.98502	N
6	Nawanshehar	4.155524	N	2.6023636	N	4.348872	N
7	Roopnagar	3.188999	N	3.7743936	N	3.131123	N
8	Fatehgarh Sahib	1.275036	Y	5.881827	N	2.080541	Y
9	Ludhiana	0.222054	Y	0.1836931	Y	4.498414	N
10	Moga	2.052499	Y	20.192273	N	1.075096	Y
11	Firozpur	11.91895	N	36.802314	N	4.823543	N
12	Muktsar Sahib	0.513648	Y	0.2052843	Y	1.956594	Y
13	Fraiddkot	2.400551	Y	16.751659	N	3.307708	N
14	Bathinda	2.177581	Y	0.2089522	Y	0.99384	Y
15	Mansa	4.499359	N	0.6058263	Y	3.389914	N
16	Sangrur	3.007321	N	5.3073642	N	5.171828	N
17	Patiala	4.32763	N	3.5350191	N	3.803655	N
18	S.A.S Nagar	3.118282	N	4.843411	N	0.689081	Y
19	Barnala	3.957007	N	12.518061	N	3.038599	N
20	All	3.371679	N	1.8089573	Y	4.022718	N

State: PUNJAB**Sector: URBAN Enttype: OAE -MEAN TEST****Table-0.7(U): District wise test of GVAPW difference for pooled sample** **$Z_{0.005} = 2.575$ [one sided test] reject if absolute z-value $> Z_{0.005}$**

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	4.300465	N	0.2740528	Y	3.56934	N
2	Amritsar	3.240416	N	1.9738152	Y	3.224819	N
3	Kapurthala	0.591541	Y	1.4029278	Y	0.143837	Y
4	Jalandhar	5.027789	N	0.5429915	Y	0.652578	Y
5	Hoshiarpur	3.476702	N	3.1218297	N	3.217713	N
6	Nawanshehar	1.476668	Y	3.4606999	N	0.005777	Y
7	Roopnagar	1.131537	Y	2.7982784	N	3.922198	N
8	Fatehgarh Sahib	7.761486	N	3.7397148	N	26.1122	N
9	Ludhiana	0.212153	Y	1.6383813	Y	2.974055	N
10	Moga	3.814589	N	0.0473852	Y	1.897118	Y
11	Firozpur	1.747731	Y	1.395768	Y	1.633874	Y
12	Muktsar Sahib	1.127146	Y	2.7820452	N	2.77335	N
13	Fraidkot	2.496555	Y	0.1758508	Y	1.368505	Y
14	Bathinda	1.141432	Y	1.1884551	Y	2.868063	N
15	Mansa	3.030549	N	1.0299742	Y	1.733513	Y
16	Sangrur	3.08201	N	17.201317	N	3.494898	N
17	Patiala	1.07756	Y	5.6080849	N	6.920077	N
18	S.A.S Nagar	3.856186	N	13.410916	N	3.898141	N
19	Barnala	2.12584	Y	2.4774085	Y	6.367804	N
20	All	4.641752	N	3.3290051	N	3.102304	N

State: PUNJAB

Sector: URBAN Enttype: EST -MEAN TEST

Table-0.8(U): District wise test of GVAPW difference for pooled sample $Z_{0.005} = 2.575$ [one sided test] reject if absolute z-value $> Z_{0.005}$

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	6.651745	N	1.9649707	Y	0.464958	Y
2	Amritsar	2.68894	N	1.225767	Y	1.83945	Y
3	Kapurthala	2.155506	Y	0.6158099	Y	0.030536	Y
4	Jalandhar	3.439238	N	2.8939248	N	2.099519	Y
5	Hoshiarpur	6.439828	N	1.3312534	Y	1.124881	Y
6	Nawanshehar	5.151514	N	1.0898694	Y	0.464875	Y
7	Roopnagar	1.846761	Y	3.0939693	N	1.927399	Y
8	Fatehgarh Sahib	3.664381	N	2.2729054	Y	5.946082	N
9	Ludhiana	2.002911	Y	2.4415711	Y	0.123901	Y
10	Moga	1.081114	Y	0.151131	Y	1.128006	Y
11	Firozpur	1.301221	Y	1.6180157	Y	0.000979	Y
12	Muktsar Sahib	0.107545	Y	1.0799756	Y	0.039376	Y
13	Fraiddkot	2.551782	Y	1.4632441	Y	1.336899	Y
14	Bathinda	3.549729	N	1.143474	Y	4.373899	N
15	Mansa	0.897535	Y	1.4798199	Y	4.154684	N
16	Sangrur	1.158083	Y	2.4712989	Y	1.637403	Y
17	Patiala	3.043419	N	0.3355148	Y	1.766902	Y
18	S.A.S Nagar	0.079581	Y	2.1875587	Y	4.768019	N
19	Barnala	1.84232	Y	2.2348877	Y	0.278177	Y
20	All	1.0773	Y	1.3539651	Y	1.13179	Y

Chapter-III

Pooled Results of Schedule 2.34

State: PUNJAB Sector: RURAL Activity: All -Pooling method: MATCHING RATIO									
Table-38a(R): District wise estimated no. of enterprises and their RSEs for central, state and pooled sample									
Dist code	Estimated_enterprises			RSE of Estimated enterprises			Sample enterprises		
	central	state	Pooled	central	State	pooled	central	state	pooled
1	68325	31985	50155	10.05	35.42	14.62	277	162	439
2	90619	58275	74447	25.45	56.05	29.10	258	133	391
3	15718	9802	12772	26.2	28.34	18.35	189	141	330
4	42586	29992	36289	16.92	15.48	11.05	248	210	458
5	37813	23017	30415	16.71	8.78	9.22	261	139	400
6	11469	11364	11397	14.57	11.11	8.86	222	234	456
7	12664	6920	9792	16.66	24.66	13.55	171	160	331
8	10467	5685	8048	9.97	37.76	16.82	227	155	382
9	53742	18036	35891	56.77	51.51	37.38	213	120	333
10	18559	9959	14259	9.83	18.96	9.45	237	179	416
11	46035	15404	30720	23.86	19.51	15.46	253	140	393
12	29616	8408	19012	26.89	55.12	22.24	297	141	438
13	11802	3249	7525	26.45	15.58	17.08	229	150	379
14	23446	6991	15219	6.23	10.8	4.86	286	165	451
15	10271	3128	6700	22.55	28.2	15.92	246	127	373
16	28685	21835	25260	67.04	38.63	36.45	180	195	375
17	36152	13121	24637	25.69	18.32	16.18	214	123	337
18	7749	3840	5794	55.35	29.6	31.86	179	166	345
19	6063	3465	4764	6.32	31.24	14.01	154	110	264
All	561783	284477	423095	8.55	13.34	7.04	4341	2950	7291

State: PUNJAB Sector: URBAN Activity: All -Pooling method: MATCHING RATIO

Table-38a(U): District wise estimated no of enterprises and their RSEs for central, state and pooled sample

Dist code	Estimated_enterprises			RSE of Estimated enterprises			Sample enterprises		
	central	state	pooled	central	State	pooled	central	state	pooled
1	58315	60796	59526	26.3	63.77	40.41	240	167	407
2	129584	32367	80975	30.48	32.42	21.00	225	127	352
3	18861	13103	15982	12.37	29.85	15.80	195	199	394
4	94553	58930	76907	6.64	13.21	6.90	198	180	378
5	28949	14973	21986	18.86	34.95	17.40	229	213	442
6	11715	7330	9538	9.15	30.31	14.68	250	243	493
7	6444	6165	6305	30.25	47.37	30.42	128	112	240
8	9302	3961	6615	7.4	29.84	11.50	196	124	320
9	268502	72197	170452	15.46	23.23	11.39	1102	537	1639
10	20386	9787	15097	21.68	10.69	12.43	256	200	456
11	42077	19670	30873	28.46	50.56	24.78	233	145	378
12	17989	9147	13568	9.34	35.97	15.37	265	145	410
13	14898	4314	9609	9.45	3.37	5.93	224	108	332
14	44782	28419	36602	57.15	9.01	28.28	202	221	423
15	17004	10670	13837	29.87	25.32	18.78	266	212	478
16	22547	11890	17418	8.8	19.13	9.06	209	151	360
17	40305	18558	29794	28.12	10.47	15.71	215	108	323
18	21797	5000	13394	43.96	22.64	29.06	210	79	289
19	13239	2857	8029	7.6	20.92	6.71	228	101	329
All	881248	390131	636506	7.76	11.88	6.13	5071	3372	8443

State: PUNJAB Sector: RURAL Activity: All -Pooling method: MATCHING RATIO

Table-38b(R): District wise estimated no of workers and their RSEs for central, state and pooled sample

Dist code	Estimated_workers			RSE of Estimated workers			Sample workers		
	central	state	pooled	central	State	pooled	central	state	pooled
1	101836	39079	70458	11.36	32.72	12.72	741	224	965
2	127562	75615	101588	28.4	63.73	31.84	492	162	654
3	26483	12333	19435	21.45	26.79	15.52	488	197	685
4	58613	42105	50359	15.24	20.19	12.37	438	356	794
5	55447	39151	47299	11.91	10.14	7.52	454	240	694
6	15577	20142	17819	13.66	9.85	8.21	428	401	829
7	19940	9611	14776	27.27	32.75	19.49	296	263	559
8	17095	9281	13114	17.92	32.13	16.54	437	281	718
9	102923	27860	64896	52.72	63.38	37.22	438	171	609
10	34520	12524	23522	13.08	21.37	10.27	529	234	763
11	65334	19972	42653	12.3	22.55	9.85	483	183	666
12	46789	10636	28713	16.63	52.83	15.98	1189	200	1389
13	15366	4666	10016	24.02	19.19	15.69	345	243	588
14	34854	9275	22065	6.17	9.16	4.53	696	250	946
15	15021	4594	9808	36.47	26.92	23.59	355	207	562
16	41329	39484	40406	53.37	54.01	38.47	304	326	630
17	61000	23433	42216	27.41	30.37	18.80	408	215	623
18	12364	5146	8755	68.04	27.38	39.63	294	241	535
19	7706	3898	5802	4.92	30.92	12.74	238	133	371
All	859758	408805	633699	8.72	14.45	7.33	9053	4527	13580

State: PUNJAB Sector: URBAN Activity: All -Pooling method: MATCHING RATIO**Table-38b(U): District wise estimated no of workers and their RSEs for central, state and pooled sample**

Dist code	Estimated_workers			RSE of Estimated workers			Sample workers		
	central	state	pooled	central	state	pooled	central	state	pooled
1	89383	115045	102115	22.37	64.11	44.04	517	400	917
2	213220	56353	134787	22.11	36.66	16.74	496	254	750
3	34090	22269	28180	18.7	30.99	17.26	483	449	932
4	205264	130023	168299	31.12	49.61	27.56	519	346	865
5	45617	27289	36514	24.49	30.05	18.20	492	408	900
6	25285	14534	19999	18.77	36.39	18.49	722	515	1237
7	13105	10691	11898	43.72	42.64	29.99	281	243	524
8	14343	11523	12876	14.96	33.29	19.08	361	404	765
9	518946	104129	312181	11.75	22.27	8.99	2979	909	3888
10	37203	17030	27175	22.82	5.78	12.68	641	447	1088
11	120517	45334	82925	48.95	54.16	33.55	762	347	1109
12	38486	19428	28957	15.65	40.15	18.18	650	329	979
13	40726	7611	24184	11.41	14.27	8.14	660	213	873
14	94720	77648	86188	69.8	29.98	34.70	400	679	1079
15	30376	22377	26376	35.67	33.61	23.72	645	433	1078
16	43308	25532	33982	10.88	7.02	6.39	474	341	815
17	64928	51820	60002	32.95	16.48	16.62	432	273	705
18	32769	7704	20227	47.31	31.97	31.52	444	157	601
19	25470	4991	15157	8.85	26.16	7.88	552	170	722
All	1687758	771329	1232021	8.27	14.26	7.02	12510	7317	19827

State: PUNJAB

Sector: RURAL Enttype: EST

Table-40a(R): District wise estimate of Emoluments per hired worker for central, state and pooled sample

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	3541	3289	3415	3538	4442	13158	8800	11007	2065	3546	2805	3061
2	1027	2969	1998	2465	1543	8462	5003	0	2716	4540	3628	0
3	643	87	365	0	512	361	437	499	738	463	612	488
4	2658	1490	2074	1508	1932	983	1457	1526	1221	986	1104	992
5	1848	5550	3699	2558	1295	5860	3577	1434	2111	5434	3773	3670
6	428	1962	1175	431	382	1137	759	908	223	1194	708	1012
7	418	1337	877	850	109	1144	627	111	681	317	499	326
8	613	835	720	628	548	845	665	674	790	615	706	638
9	4089	2948	3423	3159	1663	78	871	0	12236	3076	7656	3146
10	354	445	399	424	231	214	223	223	1964	271	1117	324
11	1735	0	868	0	2609	88	1349	0	1926	61	993	0
12	2908	166	1537	166	1894	239	1066	655	1851	121	986	153
13	536	69	303	69	571	44	307	0	675	121	398	231
14	1223	574	898	1160	696	1270	983	925	677	610	644	668
15	1948	352	1150	475	164	561	362	173	379	248	314	294
16	188	2319	1253	320	351	1876	1113	443	622	4620	2621	624
17	2821	2133	2477	2233	523	1457	990	586	3772	2031	2901	2993
18	796	151	473	620	745	195	470	714	503	91	297	91
19	438	311	374	0	286	309	298	0	226	314	270	237
All	28212	26984	27479	27637	20497	38281	29357	28285	35374	28661	32033	33631

State: PUNJAB**Sector: URBAN Enttype: EST****Table-40a(U): District wise estimate of Emoluments per hired worker for central, state and pooled sample**

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	3042	1674	2358	1821	4651	28418	16505	4659	3007	18431	10719	3036
2	12182	3661	7921	8448	7549	5575	6562	6243	4039	6642	5340	4642
3	991	1510	1250	992	1615	1953	1784	1708	1216	2869	2042	1411
4	5145	12639	8892	6161	14101	2523	8477	9015	4790	5603	5196	5583
5	1440	2236	1863	1567	2166	1817	1991	1819	1484	1599	1541	1492
6	925	669	813	850	1811	1172	1491	1542	1050	1061	1056	1059
7	433	511	472	443	1014	471	742	924	798	396	597	738
8	340	760	534	740	1074	1215	1128	1134	499	759	637	736
9	36220	5294	20814	12276	17473	6246	11885	9316	13042	3797	8439	3899
10	915	543	729	544	3792	1179	2485	2501	2190	309	1259	409
11	2229	584	1406	1718	8483	3634	6058	3672	4712	1090	2901	3736
12	1112	338	725	391	4257	1515	2886	4227	2515	412	1464	1048
13	1104	278	691	280	3403	463	1933	516	1646	158	905	176
14	2857	1829	2343	2852	7622	9678	8651	7622	3147	4610	3879	3530
15	1030	892	961	1021	1313	4193	2753	1826	1499	1436	1468	1498
16	2525	1239	1847	1732	1798	5083	3555	4014	1581	2121	2006	1969
17	3137	1725	2431	2057	2633	9890	6841	7957	1733	2833	2131	1797
18	665	347	506	604	2246	169	1207	631	1562	54	804	0
19	787	522	656	556	2349	738	1540	803	1335	497	882	1230
All	77078	37250	57212	72289	89347	85930	88476	89321	51845	54676	53265	52146

State: PUNJAB

Sector: RURAL Enttype: EST

Table-40b(R): District wise RSE of estimate of Emoluments per hired worker for central, state and pooled sample

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	2.91	28.72	16.64	2.90	21.37	4.13	5.69	4.28	31.63	12.86	13.49	12.22
2	19.67	4.03	5.41	4.18	7.82	0	0.96	0.00	14	0	4.19	0.00
3	8.55	0	6.02	0.00	3.55	16.25	8.22	3.48	23.5	11.91	12.56	10.76
4	14.63	3.28	7.63	3.22	4.66	10.6	4.95	4.46	41.89	8.72	19.11	8.54
5	20.22	13.82	13.08	13.13	10.18	12.71	12.58	9.05	17.98	7.43	7.58	7.54
6	4	19.57	19.62	3.97	5.96	1.32	1.69	1.38	34.45	3.09	5.35	3.29
7	19.24	6.38	6.89	6.88	5.22	10.62	11.63	5.11	9.61	3.35	5.40	3.21
8	3.27	8.87	6.27	3.08	13.08	9.9	8.69	8.08	13.75	6.95	7.15	6.23
9	12.25	8.09	7.19	6.82	13.27	0	10.13	0.00	9.35	3.27	6.03	3.18
10	7.11	3.11	3.27	2.86	2.36	2.78	1.88	1.80	7.25	9.41	5.28	7.76
11	11.59	0	9.27	0.00	21.31	0	16.49	0.00	17.56	0	13.62	0.00
12	26.47	5.09	20.04	5.08	6.91	31.72	6.51	10.02	3.61	7.58	2.77	5.94
13	7.94	0.78	5.62	0.78	11.98	0	8.91	0.00	3.8	10.56	3.22	4.95
14	3.39	22	8.64	3.40	12.56	8.44	7.45	7.32	10.58	30.13	17.69	9.99
15	5.65	9.02	4.17	6.43	8	15.49	14.48	7.51	15.37	17.37	11.08	11.77
16	47.63	15.05	16.96	27.14	22.58	16.71	17.14	17.36	1.74	11.85	12.53	1.74
17	9.56	5.2	5.12	4.59	4.12	5.49	4.93	3.55	11.67	24.08	11.80	10.93
18	1.75	15.06	3.12	1.92	0.79	12.44	3.14	0.80	26.03	3.94	17.65	3.93
19	11.21	0	5.25	0.00	3.4	0	1.31	0.00	10.59	20.51	14.74	9.48
All	5.05	5.63	3.91	3.76	6.38	3.87	3.51	3.47	6.65	13.86	8.00	6.02

State: PUNJAB

Sector: URBAN Enttype: EST

Table-40b(U): District wise RSE of estimate of Emoluments per hired worker for central, state and pooled sample

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	19.67	12.4	11.44	10.77	5.12	46.33	47.87	5.11	7.88	29.4	30.34	7.80
2	5.89	22.19	7.14	6.37	10.28	9.96	6.94	7.23	19.03	21.07	16.75	14.51
3	1.05	15.92	11.54	1.05	9.56	12.85	9.12	7.70	20.37	23.6	20.48	16.48
4	8.33	8.56	7.55	6.47	1.59	10.04	2.08	1.86	21.73	2.92	8.23	2.89
5	16.79	24.79	18.59	14.14	18.55	1.49	8.11	1.49	21.95	76.7	48.49	21.11
6	3.94	8.46	4.55	3.61	18.11	32.8	17.80	16.18	12.59	5.51	6.01	5.05
7	7.44	16.56	11.10	6.80	5.61	27.06	10.75	5.62	7.04	33.95	14.03	7.02
8	21.24	2.12	5.70	2.12	6.43	6.64	4.94	4.63	13.34	2.72	4.61	2.68
9	2.75	10.16	2.46	3.86	6.45	11.07	5.15	6.33	8.64	3.13	5.41	3.03
10	28.78	2.68	14.50	2.67	3.6	11.72	3.99	3.88	20.77	34.81	15.33	25.62
11	2.72	15.47	4.22	2.93	7.8	1.62	4.41	1.60	7.26	51.69	12.57	7.83
12	11.73	10.44	7.77	8.72	3.19	85.72	27.06	3.19	12.87	51.75	12.43	16.98
13	10.6	1.89	6.79	1.88	12.07	11.99	8.67	10.67	4.3	4.95	3.17	4.42
14	1.31	28.79	13.50	1.31	0.49	53.77	36.09	0.49	9.05	10.38	7.96	6.93
15	2.19	9.46	5.35	2.13	18.31	12.31	11.78	11.93	0.56	4.19	2.47	0.56
16	5.11	8.21	4.33	4.61	8.55	2.1	2.50	2.18	16.56	7.72	7.16	7.05
17	3.44	3.47	2.31	2.54	45.82	7.35	9.51	7.82	15.27	37.61	30.41	14.29
18	4.1	16.08	6.96	4.06	6.78	48.22	6.47	11.38	4.24	0	3.29	0.00
19	10.82	6.23	5.98	5.47	13.19	8.62	8.42	7.76	5.62	39.9	13.91	5.70
All	2.48	13.88	5.58	2.48	3.32	39.74	47.87	3.31	17.01	46.75	29.54	15.99

State: PUNJAB

Sector: RURAL Enttype: OAE

Table-50a(R): District wise estimate of GVA per worker for central, state and pooled sample

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	15309	74651	18713	20999	54975	115974	74992	63178	50442	79589	54953	57454
2	20985	77440	43985	77087	35077	81614	55164	70748	39328	98198	51283	46862
3	20056	65692	34553	31268	50232	71058	59129	52904	63926	70668	66523	68041
4	31214	53396	40555	35575	57135	61360	59142	57444	53679	57931	55423	57336
5	26474	133472	47145	39369	43511	132734	57235	50905	39268	96019	51021	70762
6	39541	57375	45494	54580	49481	86914	68435	52348	51785	116240	81323	67261
7	53760	99308	72265	53782	50563	140148	66410	55022	55095	79551	66824	65344
8	32682	129583	60976	35148	67776	261947	141404	119668	37594	210928	71942	41327
9	46268	127753	65225	46607	57155	105808	70353	61996	59481	74241	62222	72032
10	23841	61142	37603	47383	61341	91883	72947	61807	49255	75777	57221	57769
11	53543	65394	57262	54196	73463	73799	73560	73519	56639	72814	61320	60720
12	38462	66981	47696	59740	73223	102700	80841	83212	46640	55617	48704	48876
13	36030	68026	43081	36471	75780	63594	71660	63662	57687	73403	60775	60406
14	66267	365712	96822	69368	79078	68200	77415	78294	59916	143075	78854	106947
15	57426	80982	61391	65052	73470	88746	77468	76055	84771	69228	81874	78544
16	17358	240505	21233	17443	24483	197472	131670	32894	62923	69477	64248	64266
17	34919	231807	65499	35458	44781	176448	87973	48968	36126	142413	56842	36493
18	38977	95513	80683	45281	76194	200411	115398	175890	76400	119189	95293	102333
19	28071	102088	45435	52791	42056	94745	60728	88902	39790	89162	59109	41253
All	29915	86436	43917	33647	53943	109321	74049	59203	49495	87864	59147	55421

State: PUNJAB					Sector: RURAL Enttype: EST							
Table-50b(R): District wise estimate of GVA per worker for central, state and pooled sample												
Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	61324	83552	68163	61364	107646	70058	86462	95076	45207	60675	49709	59999
2	45526	125401	86642	112855	59466	213715	182254	173464	31840	111865	49656	53464
3	50290	100626	54074	51975	95181	37129	80260	75557	110559	68112	103042	72261
4	61188	42517	53923	49726	131687	51472	107356	64890	46675	66540	54704	62862
5	61947	163647	124766	66323	49300	128818	109417	49502	31261	89692	61724	52115
6	58990	121302	109374	69602	59767	193016	147226	168838	48389	111622	93454	111293
7	69274	142617	116809	76251	79067	150336	139478	80871	40445	108428	48143	41826
8	73519	101911	89126	80261	97857	321687	232825	288720	55369	118111	70068	56992
9	82712	87236	84698	86632	111277	102758	111095	109274	56529	64748	58046	59429
10	54976	70524	61813	58362	94447	66467	85697	71798	70810	80708	71221	74381
11	79693	0	79693	0	84724	52920	83833	0	66098	103050	67516	0
12	58466	61787	58684	58519	79209	84454	79707	79379	79237	66299	78915	71412
13	75346	123467	81407	119587	72664	145942	80233	0	53448	135368	70067	78824
14	63741	87119	68332	68254	117856	111732	114292	115831	75534	294788	127524	75639
15	75932	65428	74245	71487	104788	83287	89493	85976	92714	54791	83090	58505
16	31869	339320	321518	34092	56125	213738	180137	68010	47576	122544	102660	59933
17	44970	164251	86357	49766	62162	168343	137368	62669	62703	158028	83751	67086
18	70303	110222	75316	70676	79814	154299	92217	79915	77220	56505	72477	72693
19	21206	196268	73916	22309	41949	175917	84127	68793	29370	97479	53568	34108
All	63700	139230	92787	65282	92561	143212	119288	93805	56522	100918	68681	63125

State: PUNJAB

Sector: RURAL Enttype: OAE

Table-50c(R): District wise RSE of estimate of GVA per worker for central, state and pooled sample

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	18.04	11.36	27.82	12.51	25.37	30.51	29.27	20.54	10.63	11.97	11.11	8.13
2	24.65	0.53	4.74	0.53	23.27	5.52	7.68	5.58	7.7	8.05	9.55	6.03
3	19.16	10.25	12.51	10.67	6.93	12.77	9.50	6.14	27.74	20.05	16.64	16.27
4	12.6	14.89	12.39	9.91	10.4	34.49	21.84	9.96	8.59	3.21	3.89	3.01
5	9.63	5.16	9.03	6.07	23.97	26.14	37.10	19.62	18.54	6.79	9.56	6.86
6	19.12	5.68	7.92	5.48	18.87	37.3	28.94	17.14	9.11	7.22	6.61	6.11
7	1.32	32.88	27.11	1.32	14.73	23.22	29.74	13.20	7.91	6.45	5.29	5.08
8	14.14	22.07	28.30	12.98	20.26	8.68	10.40	9.82	36.6	43.97	77.73	32.93
9	1.35	7.57	8.90	1.34	5.92	9.62	8.89	5.18	21.78	7.32	9.84	6.96
10	12.11	3.61	4.67	3.70	4.1	21.99	16.68	4.04	5.49	5.19	4.54	3.86
11	5.6	18.99	13.18	5.38	4.49	9.98	6.27	4.09	8.02	10.74	8.21	6.47
12	10.24	3.43	4.39	3.32	14.5	14.44	12.20	10.37	12.23	17.81	13.07	10.11
13	3.88	17.38	16.52	3.81	20.94	1.87	8.91	1.86	7.03	12.08	9.15	6.11
14	11.33	20.07	45.59	10.77	1.81	7.53	4.05	1.76	28.09	10.31	14.10	10.37
15	14.89	15.26	13.30	10.81	4.29	7.87	5.65	3.78	12.84	19.23	11.11	10.73
16	2.89	10.69	72.66	2.88	16.21	8.89	8.09	11.77	16.32	29.12	19.95	14.25
17	6.78	19.49	41.41	6.67	16.51	23.12	28.03	14.86	12.39	53.38	80.31	12.24
18	13.62	15.69	11.45	11.05	31.45	5.93	10.35	6.05	19.97	10.32	10.05	9.36
19	13.34	5.18	7.72	5.79	21.88	3.43	6.86	3.45	1.21	3.09	2.82	1.15
All	6.3	8.2	9.83	5.41	6.25	9.52	8.63	5.42	4.59	6.05	5.61	3.77

State: PUNJAB

Sector: RURAL Enttype: EST

Table-50d(R): District wise RSE of estimate of GVA per worker for central, state and pooled sample

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	2.5	43.42	31.95	2.50	6.56	14.22	7.65	6.06	31.21	4.97	11.92	4.91
2	26.8	4.2	6.71	4.28	10.04	1.66	1.76	1.76	53.19	24.88	36.29	27.06
3	18.48	49.62	55.83	17.58	1.26	4.52	1.39	1.29	21.75	11.62	10.41	10.40
4	14.86	16.96	10.48	11.36	14.93	17.12	8.83	12.39	19.41	6.49	8.14	6.20
5	10.19	18.19	14.46	9.31	9.31	70.59	49.89	9.26	22.4	10.48	10.20	10.78
6	10.49	11.26	7.83	8.10	77.51	11.3	15.41	11.69	29.97	0.94	6.24	0.94
7	10.24	15.34	11.50	8.85	3.8	12.4	8.07	3.67	7.65	19.82	26.91	7.32
8	14.76	19.08	13.97	11.81	35.91	4.54	7.11	4.67	8.76	25.2	25.64	8.40
9	22.93	8.53	10.39	8.00	20.21	39.47	23.35	18.00	1.92	2.27	1.69	1.47
10	6.43	9.5	6.89	5.36	1.32	0.91	0.72	0.76	7.81	9.12	6.94	5.94
11	8.39	0	3.36	0.00	1.02	0	0.41	0.00	11.59	0	4.54	0.00
12	1.4	10.38	6.58	1.39	5.8	29.76	19.06	5.69	6.49	6.27	4.10	4.53
13	25.51	4.61	10.33	4.56	6.02	0	2.18	0.00	25.79	15.2	19.30	14.53
14	7.4	11.07	8.91	6.21	14.3	21.46	13.90	11.90	6.38	74.82	103.78	6.37
15	2	2.71	1.65	1.61	31.68	15.07	17.06	13.66	11.46	6.39	5.71	5.68
16	27.28	30.02	19.04	25.41	14.53	13.36	9.68	11.53	12.37	10.81	8.07	8.97
17	12.29	16.44	18.94	10.88	3.34	17.8	13.10	3.31	8.57	15.49	17.72	7.82
18	1.76	11.56	10.17	1.74	0.71	9.96	10.00	0.71	18.2	47.03	23.33	17.09
19	16.56	22.47	35.85	15.69	11.42	5.44	7.20	6.23	20.13	22.18	24.62	16.72
All	5.09	15.92	14.40	4.91	4.74	19.31	13.99	4.62	7.53	10.09	9.23	6.22

State: PUNJAB**Sector:URBAN Enttype: OAE****Table-50a(U): District wise estimate of GVA per worker for central, state and pooled sample**

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	60078	118438	68800	77214	128206	116142	125185	118379	42504	115247	62362	57103
2	57349	123946	63368	65752	83037	131527	91594	88522	53089	198127	70794	53477
3	47531	56436	50521	48979	53021	77755	58398	53895	72627	67641	70801	67823
4	13646	68242	27806	16305	65586	78230	70048	67965	57858	66628	60904	59154
5	32792	130506	74575	38564	52794	132657	76841	56271	42322	119665	70378	44513
6	50141	152996	82601	51071	91162	174835	127978	97907	83357	83210	83303	83214
7	59312	99214	66765	65934	165461	255299	228776	249980	86311	113339	99119	99184
8	36287	322183	75630	45366	47677	200944	78064	82493	45819	417054	140289	77540
9	89165	92928	89539	92700	94511	240351	127226	94710	93327	124428	101582	103221
10	37875	71803	55182	68388	82342	81393	81977	81400	54604	68480	59525	58297
11	44112	56646	50726	47693	80689	106533	89594	98165	62995	75129	67043	70792
12	70726	93638	81156	79703	87107	130401	106327	101027	62710	77728	69349	65949
13	51258	89265	57984	56396	97007	93581	95802	93820	88873	66605	82847	66748
14	69050	605062	88583	69343	115976	216986	154746	121969	82025	412600	211034	89443
15	68600	199229	91562	80344	66515	90883	76149	70188	77383	100118	80892	85203
16	43963	287757	65019	44482	129918	740208	287520	483278	51177	90187	59988	68538
17	27321	273062	33388	27362	65167	237552	109802	96376	52486	97633	58822	55046
18	71570	126807	81856	71825	90017	320420	143779	111149	79350	152491	95457	99431
19	59716	97800	60912	0	89890	175043	102542	93970	51899	115400	59644	70825
All	51672	99978	60638	61169	88715	180364	113948	90791	68826	127236	84438	70609

State: PUNJAB**Sector: URBAN Enttype: EST****Table-50b(U): District wise estimate of GVA per worker for central, state and pooled sample**

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	57050	99682	68973	78238	132007	60136	73427	65917	47955	55789	54282	48146
2	66164	229319	90129	66649	100350	111087	103580	109733	72895	114615	99203	83023
3	71419	47550	57888	53564	80268	69694	75557	79520	49675	50014	49833	49735
4	78759	43856	54174	77413	114893	62832	107717	90308	70338	45964	57575	48731
5	46894	166039	112339	59435	112495	177679	136710	139682	50359	120660	75955	51993
6	52021	134487	76442	55219	187383	122066	167105	159704	64825	71542	67752	65338
7	85931	141762	109440	91173	142897	283038	185208	153261	77199	120354	86897	78961
8	74347	227788	174873	109063	166754	264718	221794	207162	72406	224707	168695	94488
9	71684	108589	73947	78151	118293	195480	132499	141933	68121	69562	68225	68599
10	61475	70563	64316	70307	80871	78960	80300	80806	66808	98189	69053	73718
11	59880	70148	61995	61473	116518	97511	109286	104490	123369	123399	123371	123374
12	70275	67502	69410	70112	100652	865075	328723	100675	66366	67064	66485	67006
13	86164	100097	89422	97240	95956	89589	95337	91222	81302	69284	80908	71054
14	71867	237208	155326	71970	100954	340988	212489	100964	79685	551332	408898	88254
15	78833	71011	74808	72611	108600	80067	87376	88666	68353	95990	76717	68432
16	70930	124351	87856	70975	92914	309640	258400	96607	83425	191511	130007	86033
17	56263	183151	94404	57753	169352	192638	189354	192454	39254	180265	103346	39712
18	89633	92084	90443	91430	88904	147132	94292	129730	99560	56267	98383	0
19	85744	138152	103517	85952	117969	154899	123303	138998	133323	111093	129232	111447
All	69935	101364	78253	70568	113967	176928	140405	114886	81217	156598	111216	82949

Table-50c(U): District wise RSE of estimate of GVA per worker for central, state and pooled sample

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	12.24	9.63	10.83	8.00	30.99	16.32	15.61	14.45	21.48	15.81	18.48	14.29
2	12.73	15.5	18.77	10.38	9.95	17.59	15.58	8.79	4.38	22.67	38.09	4.34
3	12.77	24.41	17.05	11.34	6.25	22.27	17.94	6.04	46.85	9.79	20.03	9.58
4	17.56	15.52	23.11	14.33	15.4	26.82	18.87	13.39	8.93	18.62	12.68	8.06
5	20.83	20.89	22.24	17.18	10.11	18.86	19.73	9.28	9.56	19.8	20.33	8.96
6	13.21	45.32	50.47	12.91	7.53	13.26	11.08	6.72	30.11	5.02	12.42	4.95
7	24.22	32.46	30.19	19.90	18.82	3.06	5.82	3.03	5.51	4.4	3.58	3.47
8	18.09	11.25	28.96	14.24	40.97	17.93	29.45	20.82	9.07	3.26	5.93	5.13
9	19.28	4.7	8.22	4.57	3.48	37.01	41.96	3.47	6.32	6.94	5.60	4.72
10	22.27	3.93	6.84	3.91	24.23	2.14	9.82	2.13	6.91	9.15	6.81	5.54
11	8.69	10.7	7.78	6.79	18.87	9.89	9.80	8.83	9.45	5.91	5.33	5.03
12	17.99	16.93	13.29	12.45	10.13	9.83	7.96	7.19	4.01	6.17	4.40	3.38
13	10.92	15.86	15.15	9.23	19.37	5.5	8.48	5.29	18.25	1.96	7.89	1.95
14	15.9	77.59	318.02	15.83	17.85	37.99	32.41	16.46	21.05	27.62	32.57	19.09
15	18.84	20.64	27.53	15.35	13.81	23.99	17.84	12.06	9.94	10.61	8.75	7.31
16	8.3	27.46	72.95	8.19	20.78	3.11	6.10	3.62	14.55	9.22	9.69	8.09
17	10.83	83.51	409.80	10.81	20.07	11.71	15.93	12.28	2.96	6.49	6.55	2.74
18	1.36	11.27	10.49	1.35	5.78	5.11	6.98	4.46	12.39	10.48	10.86	8.42
19	30	0	11.76	0.00	8.37	19.16	19.84	7.81	10.49	7.24	9.16	6.44
All	8.93	9.33	9.72	6.76	4.67	15.09	14.40	4.51	4.78	14.57	13.26	4.59

Table-50d(U): District wise RSE of estimate of GVA per worker for central, state and pooled sample

Dist code	Manufacturing				Trade				Services			
	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv	central	state	Pool_mr	Pool_iv
1	7.92	4.56	4.74	4.10	26.57	17.25	20.90	15.09	5.49	29.83	18.50	5.40
2	5	26.42	40.36	4.96	8.16	2.8	3.64	2.65	15.33	17.22	12.76	11.71
3	13.41	11.69	8.77	8.98	5.69	23.75	13.36	5.54	9.44	20.12	12.69	8.55
4	2.53	22.69	11.12	2.52	10.76	20.8	8.61	9.94	15.54	8.51	8.62	7.56
5	12.8	10.54	9.59	9.55	28.11	21.04	18.84	17.28	18.92	51.19	49.05	18.11
6	6.06	11.67	12.43	5.60	20.82	37.27	18.82	18.54	6.16	19.41	12.52	5.87
7	10.78	20.3	16.14	9.67	8.62	15.4	14.37	7.73	5.86	18.22	15.28	5.61
8	26.79	16.17	13.43	16.06	16.6	12.48	10.24	10.24	13.47	10.54	8.74	9.54
9	10.76	15.41	14.20	8.96	14.79	13.47	13.04	10.27	9.83	13.67	9.24	7.98
10	13.48	2	5.32	1.98	2.88	15.74	9.36	2.83	19.54	25.02	22.65	15.64
11	5.19	10.34	7.30	4.65	8.02	7.3	5.19	5.42	9.66	22.87	14.26	8.90
12	8.89	37.06	21.92	8.65	3.87	81.82	129.19	3.87	25.57	7.64	11.21	7.32
13	5.65	2.47	2.74	2.27	3.91	2.46	2.10	2.08	10.21	4.98	4.84	4.48
14	1.62	19.63	17.99	1.62	1.32	61.56	59.27	1.32	18.24	19.38	15.74	16.32
15	9.86	5.55	5.22	4.84	14.84	13.22	10.36	9.98	0.52	6.92	5.20	0.52
16	1.89	37.08	31.50	1.89	12.32	28.08	20.27	11.75	12.29	34.05	30.26	11.77
17	8.03	22.63	26.41	7.78	40.82	3.2	14.73	3.19	11.59	44.2	46.29	11.44
18	29.42	17.28	15.73	14.90	25.07	9.89	13.23	9.39	9.12	0	3.69	0.00
19	2.09	20.55	16.47	2.08	10.57	7	6.65	5.89	59.46	9.08	24.98	8.98
All	5.92	28.49	22.24	5.81	4.93	26.09	19.79	4.85	12.43	42.04	35.70	12.03

State: PUNJAB**Sector: RURAL Pooling method: MATCHING RATIO****Table-38a(R)CC: Compilation Category wise estimated no of enterprises and sample enterprises for central, state and pooled sample**

Compilation Category	Estimated_enterprises			Sample enterprises		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	1823	0	911	3	0	3
02.meat+fish+fruits+vegetables+oils	1222	175	698	23	5	28
03.dairy products	703	1083	893	12	22	34
04.grain mill products	20667	16275	18479	171	174	345
05.other food products	4641	12758	8721	52	108	160
06.beverages	32	0	16	2	0	2
07.tobacco products	0	0	0	0	0	0
08.spinning+ weaving+finishing of textiles	26968	373	13586	75	5	80
09.wearing apparel	34	1575	804	1	19	20
10.leather & fur products	1129	134	621	13	6	19
11.wood and wood products	9830	2536	6183	83	25	108
12.furniture	6974	1968	4438	74	43	117
13.paper and printing +publishing	352	75	213	5	3	8
14.rubber+ plastic+petroleum products etc.	50	0	25	3	0	3
15.pharmaceuticals+chemical and chemical products	373	0	187	5	0	5
16.non-metallic products	2750	46	1398	20	3	23
17.basic metals(Ferrous)	0	0	0	0	0	0
18.basic metals(Non-Ferrous)	0	0	0	0	0	0
19.recycling	395	0	197	3	0	3
20.fabricated metal products+repair(nondomestic)	6739	2377	4575	67	28	95
21.computer+electronics+optical+repair(nondomest)	0	8	4	0	1	1
22.electrical machinery+repair(nondomestic)	8005	437	4221	52	3	55
23.machinery nec+repair(nondomestic)	6529	2205	4388	83	50	133
24.transport equipment+repair(nondomestic)	483	8	245	7	1	8
25.other manufacturing+repair	5182	2295	3740	37	34	71
26.repair of motor vehicles and motor cycles	7882	2217	5026	92	31	123
27.Sale of motor vehicles	1886	245	1057	35	16	51
28.Whole sale trade + Auctioning activities	13180	856	7018	93	14	107
29.Repair of personal and household goods	37273	27730	32502	258	224	482
30.Retail trade (except motor vehicle)	162423	129258	145845	1187	1112	2299
31.Hotels; Camping sites etc.	380	41	211	10	2	12
32.Restaurant+bars+canteen	11116	1511	6313	145	37	182
33.Scheduled passenger land transport	446	196	321	2	1	3
34.Non-sch passenger transport by motor vehicles	17247	3439	10343	83	34	117
35.Freight transport by motor vehicles	22367	1778	12073	175	26	201
36.Other non-scheduled passenger land transport	24637	854	12745	56	10	66
37.Freight transport other than by motor vehicles	4731	165	2448	38	4	42
38.water Transport	0	0	0	0	0	0
39.Financial excl insurance and pension	300	150	225	6	5	11
40.Other financial activities	489	16	252	9	1	10

Cont.

Compilation Category	Estimated_enterprises			Sample enterprises		
	central	state	pooled	central	state	pooled
41.Storage and Ware Housing	0	0	0	0	0	0
42.Supporting & Auxiliary transport activities	990	0	495	7	0	7
43.Postal Services	0	0	0	0	0	0
44.Courier activities	0	0	0	0	0	0
45.Cable operator	16	59	37	2	1	3
46.Other communication	1004	4259	2631	14	48	62
47.Real Estate	3835	1061	2448	16	4	20
48.Renting of Machinery	5470	2181	3834	56	39	95
49.Computer relating services	0	5	3	0	1	1
50.Legal services	66	0	33	7	0	7
51.Accounting+Book-Keeping	0	0	0	0	0	0
52.Research Dev.	5823	4270	5050	52	38	90
53.Education	4903	0	2452	35	0	35
54.Coaching centre	6026	2536	4281	91	28	119
55.Medical and Health	26091	14311	20201	192	165	357
56.Sanitary Services	76	60	68	3	1	4
57.Membership Organisations	13467	808	7138	98	10	108
58.Recreation & Entertainment	1911	1974	1942	16	15	31
59.Washing & cleaning of Textiles	2718	1252	1985	9	14	23
60.Hair dressing + beauty treatment	20086	18206	19150	201	273	474
61.Custom Tailoring	57149	20617	38918	542	263	805
62.Funeral related + otherservices	2916	95	1505	20	3	23
63.Pvt. Household with employed person	0	0	0	0	0	0
All	561783	284477	423095	4341	2950	7291

State: PUNJAB

Sector: URBAN Pooling method: MATCHING RATIO

Table-38a(U)CC: Compilation Category wise estimated no of enterprises and sample enterprises for central, state and pooled sample

Compilation Category	Estimated Enterprises			Sample Enterprises		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	1666	0	833	3	0	3
02.meat+fish+fruits+vegetables+oils	2367	652	1509	26	15	41
03.dairy products	1917	975	1484	19	14	33
04.grain mill products	6136	7010	6601	69	83	152
05.other food products	10756	7388	9161	88	103	191
06.beverages	530	62	246	4	2	6
07.tobacco products	64	64	64	1	1	2
08.spinning+ weaving+finishing of textiles	44362	285	22323	116	11	127
09.wearing apparel	904	690	871	5	10	15
10.leather & fur products	7490	499	3995	35	11	46
11.wood and wood products	5778	1740	3615	76	18	94
12.furniture	5367	2240	3846	76	36	112
13.paper and printing +publishing	7189	1240	4216	52	20	72
14.rubber+ plastic+petroleum products etc.	409	1356	882	5	4	9
15.pharmaceuticals+chemical and chemical products	840	2079	1459	4	1	5
16.non-metallic products	3790	297	2043	16	4	20
17.basic metals(Ferrous)	981	481	731	10	4	14
18.basic metals(Non-Ferrous)	0	0	0	0	0	0
19.recycling	813	157	485	2	1	3
20.fabricated metal products+repair(nondomestic)	15228	8303	11749	121	33	154
21.computer+electronics+optical+repair(nondomest)	424	33	229	3	2	5
22.electrical machinery+repair(nondomestic)	5637	529	3083	40	4	44
23.machinery nec+repair(nondomestic)	8460	3110	5785	114	52	166
24.transport equipment+repair(nondomestic)	3839	588	2213	43	12	55
25.other manufacturing+repair	34383	6633	20540	110	68	178
26.repair of motor vehicles and motor cycles	20583	6834	13644	173	64	237
27.Sale of motor vehicles	7153	5278	6215	66	54	120
28.Whole sale trade + Auctioning activities	34053	28651	31415	242	53	295
29.Repair of personal and household goods	42857	19845	31363	280	224	504
30.Retail trade (except motor vehicle)	314430	147806	232042	1226	1205	2431
31.Hotels; Camping sites etc.	918	708	813	9	22	31
32.Restaurant+bars+canteen	33845	9775	21818	313	137	450
33.Scheduled passenger land transport	4391	0	2196	13	0	13
34.Non-sch passenger transport by motor vehicles	14227	2952	8589	46	13	59
35.Freight transport by motor vehicles	4851	869	2885	76	12	88
36.Other non-scheduled passenger land transport	34343	1266	17805	66	15	81
37.Freight transport other than by motor vehicles	2482	513	1498	16	3	19
38.water Transport	0	0	0	0	0	0
39.Financial excl insurance and pension	865	807	836	14	11	25
40.Other financial activities	2160	560	1361	32	18	50

State: PUNJAB**Sector: URBAN Pooling method: MATCHING RATIO****Table-38a(U)CC: Compilation Category wise estimated no of enterprises and sample enterprises for central, state and pooled sample**

Compilation Category	Estimated_enterprises			Sample enterprises		
	central	state	pooled	central	state	pooled
41.Storage and Ware Housing	0	0	0	0	0	0
42.Supporting & Auxiliary transport activities	1072	797	934	25	17	42
43.Postal Services	400	0	200	1	0	1
44.Courier activities	661	122	383	11	3	14
45.Cable operator	1815	29	922	5	1	6
46.Other communication	4377	6380	5338	26	39	65
47.Real Estate	7779	8363	8024	44	45	89
48.Renting of Machinery	6022	4693	5246	64	43	107
49.Computer relating services	2094	1313	1623	16	16	32
50.Legal services	1075	2361	1718	15	16	31
51.Accounting+Book-Keeping	2697	174	1436	7	3	10
52.Research Dev.	8942	7011	7978	92	81	173
53.Education	13604	601	7102	77	15	92
54.Coaching centre	5773	2557	4229	83	27	110
55.Medical and Health	13943	8704	11330	158	131	289
56.Sanitary Services	451	400	425	1	1	2
57.Membership Organisations	3158	386	1804	25	2	27
58.Recreation & Entertainment	6722	835	3778	57	18	75
59.Washing & cleaning of Textiles	14122	5245	9681	53	33	86
60.Hair dressing + beauty treatment	33987	44062	38954	179	264	443
61.Custom Tailoring	57208	23337	40281	484	275	759
62.Funeral related + otherservices	8859	488	4673	38	2	40
63.Pvt. Household with employed person	0	0	0	0	0	0
All	881248	390131	636506	5071	3372	8443

State: PUNJAB**Sector: RURAL Pooling method: MATCHING RATIO****Table-38b(R)CC: Compilation Category wise estimated no of workers and sample workers for central, state and pooled sample**

Compilation Category	Estimated_workers			Sample workers		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	1842	0	921	4	0	4
02.meat+fish+fruits+vegetables+oils	1673	260	967	30	7	37
03.dairy products	1414	1554	1484	29	41	70
04.grain mill products	29966	23082	26533	338	291	629
05.other food products	12055	26181	19153	184	271	455
06.beverages	163	0	81	9	0	9
07.tobacco products	0	0	0	0	0	0
08.spinning+ weaving+finishing of textiles	33064	387	16138	94	6	100
09.wearing apparel	705	2874	1790	21	35	56
10.leather & fur products	1500	202	829	21	8	29
11.wood and wood products	16437	4246	10341	160	44	204
12.furniture	14394	4332	9269	173	98	271
13.paper and printing +publishing	1020	167	593	17	6	23
14.rubber+ plastic+petroleum products etc.	340	0	170	25	0	25
15.pharmaceuticals+chemical and chemical products	1827	0	913	36	0	36
16.non-metallic products	8973	406	4690	48	15	63
17.basic metals(Ferrous)	0	0	0	0	0	0
18.basic metals(Non-Ferrous)	0	0	0	0	0	0
19.recycling	395	0	197	3	0	3
20.febricated metal products+repair(nondomestic)	13414	5163	9321	168	62	230
21.computer+electronics+optical+repair(nondomest)	0	8	4	0	1	1
22.electrical machinery+repair(nondomestic)	10234	564	5399	88	7	95
23.machinery nec+repair(nondomestic)	17725	4168	10983	237	106	343
24.transport equipment+repair(nondomestic)	1792	8	900	25	1	26
25.other manufacturing+repair	5757	4057	4911	46	53	99
26.repair of motor vehicles and motor cycles	13065	2751	7853	175	46	221
27.Sale of motor vehicles	9643	431	5021	220	37	257
28.Whole sale trade + Auctioning activities	18217	1403	9810	145	23	168
29.Repair of personal and household goods	41499	32285	36892	334	286	620
30.Retail trade (except motor vehicle)	222955	174377	198674	1696	1545	3241
31.Hotels; Camping sites etc.	1753	105	929	46	7	53
32.Restaurant+bars+canteen	21056	2403	11729	370	59	429
33.Scheduled passenger land transport	446	196	321	2	1	3
34.Non-sch passenger transport by motor vehicles	21050	4337	12693	106	38	144
35.Freight transport by motor vehicles	40896	2644	21770	356	35	391
36.Other non-scheduled passenger land transport	24637	854	12745	56	10	66
37.Freight transport other than by motor vehicles	4739	165	2452	39	4	43
38.water Transport	0	0	0	0	0	0
39.Financial excl insurance and pension	795	274	534	19	10	29
40.Other financial activities	531	16	274	14	1	15

State: PUNJAB

Sector: RURAL Pooling method: MATCHING RATIO

Table-38b(R)CC: Compilation Category wise estimated no of workers and sample workers for central, state and pooled sample

Compilation Category	Estimated_workers			Sample workers		
	central	state	pooled	central	state	pooled
41.Storage and Ware Housing	0	0	0	0	0	0
42.Supporting & Auxiliary transport activities	1274	0	637	12	0	12
43.Postal Services	0	0	0	0	0	0
44.Courier activities	0	0	0	0	0	0
45.Cable operator	41	235	138	5	4	9
46.Other communication	1042	4674	2858	16	53	69
47.Real Estate	4363	1662	3012	20	6	26
48.Renting of Machinery	9601	3897	6766	104	70	174
49.Computer relating services	0	5	3	0	1	1
50.Legal services	143	0	71	15	0	15
51.Accounting+Book-Keeping	0	0	0	0	0	0
52.Research Dev.	8097	6395	7256	86	58	144
53.Education	6314	0	3157	59	0	59
54.Coaching centre	77850	13074	45462	2020	157	2177
55.Medical and Health	33638	15958	24798	280	195	475
56.Sanitary Services	96	60	78	4	1	5
57.Membership Organisations	24176	1196	12686	118	11	129
58.Recreation & Entertainment	2000	8311	5155	22	53	75
59.Washing & cleaning of Textiles	2876	2118	2497	11	18	29
60.Hair dressing + beauty treatment	23228	25019	24131	255	374	629
61.Custom Tailoring	66132	26194	46199	672	367	1039
62.Funeral related + otherservices	2916	107	1511	20	5	25
63.Pvt. Household with employed person	0	0	0	0	0	0
All	859758	408804	633699	9053	4527	13580

State: PUNJAB**Sector: URBAN Pooling method: MATCHING RATIO****Table-38b(U)CC: Compilation Category wise estimated no of workers and sample workers for central, state and pooled sample**

Compilation Category	Estimated_workers			Sample workers		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	3433	0	1717	7	0	7
02.meat+fish+fruits+vegetables+oils	2867	1607	2237	39	35	74
03.dairy products	4502	2508	3612	45	35	80
04.grain mill products	11348	13353	12428	140	237	377
05.other food products	26825	17290	22507	362	355	717
06.beverages	4313	62	1739	21	2	23
07.tobacco products	254	953	603	4	15	19
08.spinning+ weaving+finishing of textiles	135695	1242	68469	284	30	314
09.wearing apparel	6208	1329	3907	25	25	50
10.leather & fur products	11581	2225	6903	82	27	109
11.wood and wood products	11428	4464	7594	180	48	228
12.furniture	19273	7380	13500	270	107	377
13.paper and printing +publishing	22954	3369	13184	165	71	236
14.rubber+ plastic+petroleum products etc.	1647	1513	1580	18	5	23
15.pharmaceuticals+chemical and chemical products	6494	6236	6365	21	3	24
16.non-metallic products	6589	297	3443	35	4	39
17.basic metals(Ferrous)	4119	1053	2586	48	12	60
18.basic metals(Non-Ferrous)	0	0	0	0	0	0
19.recycling	835	157	496	3	1	4
20.fabricated metal products+repair(nondomestic)	42269	37346	39758	388	108	496
21.computer+electronics+optical+repair(nondomest)	1197	82	639	7	5	12
22.electrical machinery+repair(nondomestic)	9337	1245	5291	94	10	104
23.machinery nec+repair(nondomestic)	29324	9671	19497	325	147	472
24.transport equipment+repair(nondomestic)	16934	1619	9277	174	32	206
25.other manufacturing+repair	69638	18328	44080	245	151	396
26.repair of motor vehicles and motor cycles	39789	11649	25526	419	152	571
27.Sale of motor vehicles	22656	16691	19674	277	158	435
28.Whole sale trade + Auctioning activities	86357	58086	72422	752	163	915
29.Repair of personal and household goods	58301	27318	42872	465	335	800
30.Retail trade (except motor vehicle)	530958	270179	402839	2427	2369	4796
31.Hotels; Camping sites etc.	2461	3492	2976	44	128	172
32.Restaurant+bars+canteen	67541	27803	47678	828	366	1194
33.Scheduled passenger land transport	4473	0	2236	17	0	17
34.Non-sch passenger transport by motor vehicles	15029	3250	9139	71	21	92
35.Freight transport by motor vehicles	9430	2644	6087	238	41	279
36.Other non-scheduled passenger land transport	34343	1266	17805	66	15	81
37.Freight transport other than by motor vehicles	2500	513	1507	17	3	20
38.water Transport	0	0	0	0	0	0
39.Financial excl insurance and pension	1894	1863	1878	45	22	67
40.Other financial activities	3991	1188	2602	74	49	123

State: PUNJAB**Sector: URBAN Pooling method: MATCHING RATIO****Table-38b(U)CC: Compilation Category wise estimated no of workers and sample workers for central, state and pooled sample**

Compilation Category	Estimated_workers			Sample workers		
	central	state	pooled	central	state	pooled
41.Storage and Ware Housing	0	0	0	0	0	0
42.Supporting & Auxiliary transport activities	2287	1529	1908	60	35	95
43.Postal Services	400	0	200	1	0	1
44.Courier activities	1459	310	860	31	10	41
45.Cable operator	7664	29	3846	19	1	20
46.Other communication	7335	7560	7352	46	53	99
47.Real Estate	10206	9196	9598	69	58	127
48.Renting of Machinery	13337	9616	11188	166	90	256
49.Computer relating services	3176	3244	3016	33	35	68
50.Legal services	2634	4312	3473	34	32	66
51.Accounting+Book-Keeping	3079	300	1689	10	7	17
52.Research Dev.	13462	14136	13849	211	148	359
53.Education	16332	1228	8780	108	30	138
54.Coaching centre	74574	12213	43915	1020	116	1136
55.Medical and Health	27320	21107	24206	488	295	783
56.Sanitary Services	451	800	625	1	2	3
57.Membership Organisations	3322	1545	2659	31	8	39
58.Recreation & Entertainment	13156	3457	8307	151	76	227
59.Washing & cleaning of Textiles	16078	7288	11675	78	52	130
60.Hair dressing + beauty treatment	47106	78152	62395	304	447	751
61.Custom Tailoring	85282	35550	60427	877	533	1410
62.Funeral related + otherservices	10310	488	5399	50	2	52
63.Pvt. Household with employed person	0	0	0	0	0	0
All	1687758	771329	1232021	12510	7317	19827

State: PUNJAB**Sector: RURAL Pooling method: MATCHING RATIO****Table-38c(R)CC: Compilation Category wise RSE of estimated no of enterprises and workers for central, state and pooled sample**

Compilation Category	RSE of Estimated_enterprise			RSE of Estimated workers		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	90.26	0	72.25	89.23	0	71.38
02.meat+fish+fruits+vegetables+oils	36.04	46.82	26.20	42.42	51.45	30.51
03.dairy products	38.3	33.69	27.32	41.08	33.44	26.20
04.grain mill products	22.95	21.38	15.27	19.05	18.04	12.76
05.other food products	23.21	41.53	36.79	21.8	31.53	26.44
06.beverages	77.37	0	61.90	85.4	0	68.74
07.tobacco products	0	0	0.00	0	0	0.00
08.spinning+ weaving+finishing of textiles	20.38	82.73	16.24	20.19	80.1	16.59
09.wearing apparel	100	35.28	41.50	100	43.32	44.61
10.leather & fur products	55.86	60.02	41.36	44.41	68.18	33.65
11.wood and wood products	26.56	31.29	18.56	23.68	34.32	17.27
12.furniture	21.86	28.61	15.71	23.5	27.97	16.57
13.paper and printing +publishing	75.78	66.8	52.04	70.16	67.89	49.62
14.rubber+ plastic+petroleum products etc.	68.65	0	54.92	61.67	0	49.34
15.pharmaceuticals+chemical and chemical products	56.69	0	45.23	52.18	0	41.77
16.non-metallic products	61.17	74.03	48.15	73.9	96.18	56.77
17.basic metals(Ferrous)	0	0	0.00	0	0	0.00
18.basic metals(Non-Ferrous)	0	0	0.00	0	0	0.00
19.recycling	96.11	0	77.08	96.11	0	77.08
20.fabricated metal products+repair(nondomestic)	23.1	27.78	16.13	26.42	27.01	17.66
21.computer+electronics+optical+repair(nondomest)	0	100	120.00	0	100	120.00
22.electrical machinery+repair(nondomestic)	34.06	77.24	26.28	30.46	57.65	23.38
23.machinery nec+repair(nondomestic)	31.55	33.16	21.27	28.54	35.21	20.09
24.transport equipment+repair(nondomestic)	58.59	100	46.24	69.9	100	55.67
25.other manufacturing+repair	34.63	24.16	21.15	32.86	24.74	19.69
26.repair of motor vehicles and motor cycles	17.79	20.84	12.45	15.77	21.72	11.44
27.Sale of motor vehicles	30.94	50.06	23.15	25.14	50.23	19.49
28.Whole sale trade + Auctioning activities	22.47	43.51	17.18	25.69	50.19	19.56
29.Repair of personal and household goods	14.48	38.25	20.68	13.17	33.73	18.68
30.Retail trade (except motor vehicle)	8.82	13.48	8.17	9.04	17.44	10.04
31.Hotels; Camping sites etc.	45.64	83.48	34.29	45.85	73.28	34.96
32.Restaurant+bars+canteen	15.85	37.81	12.41	14.65	40.15	11.62
33.Scheduled passenger land transport	70.85	100	53.78	70.85	100	53.78
34.Non-sch passenger transport by motor vehicles	30.14	31.28	21.05	32.21	32.69	22.39
35.Freight transport by motor vehicles	35.78	24.41	26.60	38.93	29.97	29.33
36.Other non-scheduled passenger land transport	41.95	46.35	32.49	41.95	46.35	32.49
37.Freight transport other than by motor vehicles	28.31	69.94	22.07	28.28	69.94	22.04
38.water Transport	0	0	0.00	0	0	0.00
39.Financial excl insurance and pension	68.6	74.78	47.26	69.69	80.35	48.31

State: PUNJAB

Sector: RURAL Pooling method: MATCHING RATIO

Table-38c(R)CC: Compilation Category wise RSE of estimated no of enterprises and workers for central, state and pooled sample

Compilation Category	RSE of Estimated_enterprise			RSE of Estimated workers		
	central	state	pooled	central	state	pooled
40.Other financial activities	45.67	100	35.65	38.04	100	29.70
41.Storage and Ware Housing	0	0	0.00	0	0	0.00
42.Supporting & Auxiliary transport activities	74.52	0	59.62	67.89	0	54.31
43.Postal Services	0	0	0.00	0	0	0.00
44.Courier activities	0	0	0.00	0	0	0.00
45.Cable operator	72.26	100	96.49	76	100	102.57
46.Other communication	50.56	25.59	26.03	48.97	27.51	27.92
47.Real Estate	51.91	66.06	36.79	49.1	70.99	36.90
48.Renting of Machinery	23.11	27.4	16.17	26.51	32.91	18.86
49.Computer relating services	0	100	100.00	0	100	100.00
50.Legal services	80.86	0	64.69	82.08	0	66.13
51.Accounting+Book-Keeping	0	0	0.00	0	0	0.00
52.Research Dev.	25.21	33.38	20.54	26.74	34.15	21.65
53.Education	28.59	0	22.87	30.46	0	24.37
54.Coaching centre	13.97	40.37	16.36	20.21	49.43	16.26
55.Medical and Health	20.9	16.46	12.87	25.03	14.78	14.73
56.Sanitary Services	70.9	100	61.70	73.22	100	58.56
57.Membership Organisations	26.38	55.45	20.26	42.5	69.25	32.63
58.Recreation & Entertainment	39.75	54.81	36.91	38.25	73.17	71.03
59.Washing & cleaning of Textiles	53.66	60.58	37.27	51.63	69.86	42.78
60.Hair dressing + beauty treatment	14.06	9.45	7.99	13.26	10.9	8.49
61.Custom Tailoring	11.1	16.26	8.32	11.1	15.26	8.21
62.Funeral related + otherservices	41.7	88.32	32.49	41.7	80.8	32.37
63.Pvt. Household with employed person	0	0	0.00	0	0	0.00
All	8.55	13.34	7.04	8.72	14.45	7.33

State: PUNJAB		Sector: URBAN Pooling method: MATCHING RATIO				
Table-38c(U)CC: Compilation Category wise RSE of estimated no of enterprises and workers for central, state and pooled sample						
Compilation Category	RSE of Estimated_enterprise			RSE of Estimated workers		
	central	state	pooled	central	state	Pooled
01.Cotton ginning+ cleaning and bailing	90.54	0	72.43	88.1	0	70.46
02.meat+fish+fruits+vegetables+oils	54.22	24.81	34.62	46.12	37.3	28.59
03.dairy products	48.87	37.25	29.21	51.29	41.67	30.91
04.grain mill products	33.61	16.18	16.20	40.15	14.63	17.44
05.other food products	51.78	32.33	28.92	31.55	23.94	18.65
06.beverages	67.42	77.16	59.26	71.98	77.16	71.43
07.tobacco products	100	100	72.11	100	100	96.31
08.spinning+ weaving+finishing of textiles	20.62	44.86	16.39	32.98	70.44	26.16
09.wearing apparel	95.12	59.83	48.66	96.89	60.91	62.82
10.leather & fur products	45.02	81.24	34.31	44.49	90.11	34.57
11.wood and wood products	17.16	46.63	17.37	15.75	49.63	19.91
12.furniture	23.97	33.02	17.67	24.39	39.08	18.93
13.paper and printing +publishing	24.12	39.95	17.90	33.59	32.85	23.93
14.rubber+ plastic+petroleum products etc.	61.36	89.18	83.05	66.43	81.92	54.61
15.pharmaceuticals+chemical and chemical products	95.21	100	88.26	98.5	100	71.21
16.non-metallic products	89.74	100	67.16	85.25	100	65.46
17.basic metals(Ferrous)	54.14	84.75	44.32	52.54	79.67	38.72
18.basic metals(Non-Ferrous)	0	0	0.00	0	0	0.00
19.recycling	97.3	100	68.07	94.82	100	66.62
20.fabricated metal products+repair(nondomestic)	8.93	75.19	32.22	12.28	82.45	46.76
21.computer+electronics+optical+repair(nondomest)	70.99	70.84	52.93	82.98	71.41	62.42
22.electrical machinery+repair(nondomestic)	41.28	77.61	31.23	34.9	70.56	26.57
23.machinery nec+repair(nondomestic)	25.17	31.8	17.94	31.02	35.57	21.46
24.transport equipment+repair(nondomestic)	37.09	48.2	26.86	44.57	49.43	32.95
25.other manufacturing+repair	26.24	24.02	18.18	36.39	47.38	25.86
26.repair of motor vehicles and motor cycles	24.77	35.39	18.34	25.43	29.78	17.83
27.Sale of motor vehicles	25.45	40.82	23.87	39.25	61.59	36.19
28.Whole sale trade + Auctioning activities	24.9	87.78	49.23	32.66	78.8	41.00
29.Repair of personal and household goods	14.64	12.69	9.34	13.6	15.49	9.48
30.Retail trade (except motor vehicle)	11.83	8.46	7.18	12.88	7.81	7.48
31.Hotels; Camping sites etc.	55.15	41.87	33.15	47.16	42.43	33.70
32.Restaurant+bars+canteen	10.55	23.3	9.06	11.84	35.94	14.25
33.Scheduled passenger land transport	50.63	0	40.49	49.74	0	39.80
34.Non-sch passenger transport by motor vehicles	59.17	34.09	39.83	56.1	29.75	37.44
35.Freight transport by motor vehicles	22.87	52.3	18.05	20.85	66.61	21.64
36.Other non-scheduled passenger land transport	42.73	67.56	33.09	42.73	67.56	33.09
37.Freight transport other than by motor vehicles	27.4	63.48	22.36	27.23	63.48	22.24
38.water Transport	0	0	0.00	0	0	0.00
39.Financial excl insurance and pension	38.52	48.49	32.29	35.22	68.88	43.39
40.Other financial activities	31.99	50.25	23.80	27.68	60.91	23.81
41.Storage and Ware Housing	0	0	0.00	0	0	0.00
42.Supporting & Auxiliary transport activities	39.22	46.74	29.95	45.53	43.88	30.36
43.Postal Services	100	0	80.00	100	0	80.00

State: PUNJAB

Sector: URBAN Pooling method: MATCHING RATIO

Table-38c(U)CC: Compilation Category wise RSE of estimated no of enterprises and workers for central, state and pooled sample

Compilation Category	RSE of Estimated_enterprise			RSE of Estimated workers		
	central	state	pooled	central	state	Pooled
44.Courier activities	59.98	72.9	43.69	55.24	57.35	39.48
45.Cable operator	59.02	100	46.51	65.13	100	51.92
46.Other communication	45.16	20.35	20.79	51.95	22.04	24.79
47.Real Estate	34.78	50.12	34.12	31.97	46.26	29.87
48.Renting of Machinery	21.39	48.18	27.66	24.6	50.49	28.56
49.Computer relating services	47.33	46.32	33.20	53.79	45.19	36.93
50.Legal services	46.84	89.26	74.53	50.24	87.25	66.76
51.Accounting+Book-Keeping	70.08	65.22	52.86	69.29	57.74	50.90
52.Research Dev.	12.04	25.52	14.50	13.74	38.78	24.34
53.Education	20.61	37.93	15.91	18.65	50.78	14.52
54.Coaching centre	25.32	31.11	17.85	43.14	46.29	30.30
55.Medical and Health	38.67	20.06	21.16	25.68	39.87	23.86
56.Sanitary Services	100	100	70.64	100	100	82.04
57.Membership Organisations	41.52	70.71	30.46	39.62	88.43	36.64
58.Recreation & Entertainment	20.86	32.04	15.44	19.27	32.78	14.70
59.Washing & cleaning of Textiles	27.49	46.04	21.94	24.46	42.18	20.76
60.Hair dressing + beauty treatment	18.08	39.03	27.23	15.33	43.15	32.76
61.Custom Tailoring	11.95	16.15	8.81	10.96	14.66	8.07
62.Funeral related + otherservices	31.97	88.82	24.87	36.41	88.82	28.23
63.Pvt. Household with employed person	0	0	0.00	0	0	0.00
All	7.76	11.88	6.13	8.27	14.26	7.02

State: PUNJAB

Sector: RURAL Enttype: OAE Pooling method: MATCHING RATIO

Table-50a(R)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	Pooled
01.Cotton ginning+ cleaning and bailing	5731	0	5731	108.34	0	43.34
02.meat+fish+fruits+vegetables+oils	108579	48611	96033	14.51	6.46	6.85
03.dairy products	72444	110732	96602	22.07	4.2	7.22
04.grain mill products	47787	97780	63509	7.62	27.97	25.94
05.other food products	50827	75584	68484	15.26	5.87	5.97
06.beverages	0	0	0	0	0	0.00
07.tobacco products	0	0	0	0	0	0.00
08.spinning+ weaving+finishing of textiles	7481	38801	7863	23.15	9.76	30.21
09.wearing apparel	0	78591	78590	0	64.57	38.74
10.leather & fur products	35313	54403	38602	25.26	7.2	11.07
11.wood and wood products	59007	74925	63096	13.45	15.87	12.38
12.furniture	46921	109396	56234	6.95	19.83	23.26
13.paper and printing +publishing	36161	135600	39191	4.98	0	1.84
14.rubber+ plastic+petroleum products etc.	0	0	0	0	0	0.00
15.pharmaceuticals+chemical and chemical products	63072	0	63072	0	0	0.00
16.non-metallic products	4484	27300	4534	44.14	0	17.46
17.basic metals(Ferrous)	0	0	0	0	0	0.00
18.basic metals(Non-Ferrous)	0	0	0	0	0	0.00
19.recycling	51064	0	51064	3.02	0	1.21
20.fabricated metal products+repair(nondomestic)	58192	133686	68648	15.19	29.76	35.15
21.computer+electronics+optical+repair(nondomest)	0	81600	81600	0	0	0.00
22.electrical machinery+repair(nondomestic)	50208	84218	52762	5.74	18.62	17.97
23.machinery nec+repair(nondomestic)	49932	78392	60865	7.15	14.92	11.77
24.transport equipment+repair(nondomestic)	147000	48000	143726	0	0	0.00
25.other manufacturing+repair	36446	158557	75819	29.2	35.08	44.37
26.repair of motor vehicles and motor cycles	55872	113414	68287	9.33	16.25	16.48
27.Sale of motor vehicles	93620	61550	84128	18.64	28.84	15.14
28.Whole sale trade + Auctioning activities	64979	46156	63299	13.92	29.09	13.95
29.Repair of personal and household goods	47931	95056	65217	6.89	6.87	6.34
30.Retail trade (except motor vehicle)	52999	110055	74654	6.24	9.52	8.61
31.Hotels; Camping sites etc.	0	138600	138600	0	0	0.00
32.Restaurant+bars+canteen	41182	78091	43953	8.83	14.93	16.26
33.Scheduled passenger land transport	32073	105600	54528	4.28	0	1.01
34.Non-sch passenger transport by motor vehicles	74316	104286	80761	11.48	13.52	11.30
35.Freight transport by motor vehicles	73992	103031	78293	23.3	7.33	10.54
36.Other non-scheduled passenger land transport	38559	56594	39163	5.9	8.2	7.48
37.Freight transport other than by motor vehicles	40754	87394	42322	8.43	38.25	47.50
38.water Transport	0	0	0	0	0	0.00
39.Financial excl insurance and pension	-2639	285843	17391	55.89	26.08	257.22
40.Other financial activities	40567	406800	51920	20.32	0	6.35

State: PUNJAB Sector: RURAL Enttype: OAE Pooling method: MATCHING RATIO

Table-50a(R)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	Pooled
41.Storage and Ware Housing	0	0	0	0	0	0.00
42.Supporting & Auxiliary transport activities	41833	0	41833	3.38	0	1.35
43.Postal Services	0	0	0	0	0	0.00
44.Courier activities	0	0	0	0	0	0.00
45.Cable operator	0	0	0	0	0	0.00
46.Other communication	17769	65971	55013	78.63	8.57	11.88
47.Real Estate	55276	235014	78669	43.77	69.02	124.32
48.Renting of Machinery	54717	89643	61587	23.38	12.13	13.46
49.Computer relating services	0	242400	242400	0	0	0.00
50.Legal services	0	0	0	0	0	0.00
51.Accounting+Book-Keeping	0	0	0	0	0	0.00
52.Research Dev.	62377	88155	68625	10.1	10.64	8.99
53.Education	38437	0	38436	19.23	0	7.69
54.Coaching centre	19420	21506	20238	22.79	1.76	8.82
55.Medical and Health	62277	89421	69931	15.04	14.12	12.09
56.Sanitary Services	16230	34800	23347	10.23	0	2.84
57.Membership Organisations	32770	36912	33100	8.67	29.38	19.96
58.Recreation & Entertainment	47297	64922	48753	13.33	38.95	31.55
59.Washing & cleaning of Textiles	33746	67921	48765	22.62	9.67	10.22
60.Hair dressing + beauty treatment	42766	78204	58128	7.68	8.59	7.29
61.Custom Tailoring	23966	80071	37953	7.71	7.7	9.94
62.Funeral related + otherservices	26450	96000	28380	19.33	0	7.21
63.Pvt. Household with employed person	0	0	0	0	0	0.00
All	45774	98464	61412	3.87	6.78	6.62

State: PUNJAB**Sector: RURAL Enttype: EST Pooling method: MATCHING RATIO****Table-50b(R)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample**

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	Pooled
01.Cotton ginning+ cleaning and bailing	34680	0	34680	0	0	0.00
02.meat+fish+fruits+vegetables+oils	35579	108960	38648	13.37	0	4.92
03.dairy products	82527	145779	112013	25.5	10.15	10.92
04.grain mill products	71954	183161	133328	23.51	35.97	30.08
05.other food products	57038	103892	88090	17.96	12.12	9.76
06.beverages	105424	0	105424	2.9	0	1.16
07.tobacco products	0	0	0	0	0	0.00
08.spinning+ weaving+finishing of textiles	74086	45600	72676	3.96	0	1.61
09.wearing apparel	88171	140523	125559	0	48.9	32.84
10.leather & fur products	58608	18000	57274	6.53	0	2.67
11.wood and wood products	53465	213820	76079	7.76	26.23	44.29
12.furniture	69125	128827	84563	8.29	16.81	15.60
13.paper and printing +publishing	65063	96484	70399	14.36	9.67	9.56
14.rubber+ plastic+petroleum products etc.	114877	0	114872	49.37	0	19.75
15.pharmaceuticals+chemical and chemical products	92064	0	92063	10.46	0	4.18
16.non-metallic products	61966	618092	162973	21.41	0	3.26
17.basic metals(Ferrous)	0	0	0	0	0	0.00
18.basic metals(Non-Ferrous)	0	0	0	0	0	0.00
19.recycling	0	0	0	0	0	0.00
20.fabricated metal products+repair(nondomestic)	73368	101950	83154	9.3	21.48	16.14
21.computer+electronics+optical+repair(nondomest)	0	0	0	0	0	0.00
22.electrical machinery+repair(nondomestic)	38024	0	38025	24.29	0	9.72
23.machinery nec+repair(nondomestic)	62539	88425	65960	9.12	16.81	13.96
24.transport equipment+repair(nondomestic)	57239	0	57238	32.54	0	13.02
25.other manufacturing+repair	118702	259803	222141	1.94	21.72	15.25
26.repair of motor vehicles and motor cycles	53027	218215	74755	8.9	18.63	32.73
27.Sale of motor vehicles	131213	461312	136437	12.22	73	148.17
28.Whole sale trade + Auctioning activities	120786	79662	119646	7.25	22.24	9.35
29.Repair of personal and household goods	46002	85052	73362	6.19	4.69	3.61
30.Retail trade (except motor vehicle)	85109	141323	121287	5.09	20.1	14.12
31.Hotels; Camping sites etc.	92705	234480	95725	49.38	0	19.13
32.Restaurant+bars+canteen	55385	57886	55737	8.82	6.63	5.42
33.Scheduled passenger land transport	0	0	0	0	0	0.00
34.Non-sch passenger transport by motor vehicles	79018	186600	80551	18.57	0	7.29
35.Freight transport by motor vehicles	88430	115203	89275	6.61	14.96	11.88
36.Other non-scheduled passenger land transport	0	0	0	0	0	0.00
37.Freight transport other than by motor vehicles	0	0	0	0	0	0.00
38.water Transport	0	0	0	0	0	0.00
39.Financial excl insurance and pension	55800	14400	21549	0	0	0.00
40.Other financial activities	61200	0	61200	0	0	0.00

State: PUNJAB

Sector: RURAL Enttype: EST Pooling method: MATCHING RATIO

Table-50b(R)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	Pooled
41.Storage and Ware Housing	0	0	0	0	0	0.00
42.Supporting & Auxiliary transport activities	77328	0	77332	1.8	0	0.72
43.Postal Services	0	0	0	0	0	0.00
44.Courier activities	0	0	0	0	0	0.00
45.Cable operator	58784	133200	122215	26.26	0	5.05
46.Other communication	35588	35155	35173	0	22.43	13.45
47.Real Estate	87660	166200	140143	0.34	0	0.09
48.Renting of Machinery	59012	127601	84419	11.39	27.06	24.75
49.Computer relating services	0	0	0	0	0	0.00
50.Legal services	104999	0	105000	3.08	0	1.23
51.Accounting+Book-Keeping	0	0	0	0	0	0.00
52.Research Dev.	87593	121575	110307	11.68	12.81	9.25
53.Education	43857	0	43858	2.04	0	0.82
54.Coaching centre	48639	149649	62933	17.06	13.53	20.01
55.Medical and Health	52687	101118	75744	16.08	12.07	10.65
56.Sanitary Services	0	0	0	0	0	0.00
57.Membership Organisations	8358	0	8358	66.31	0	26.52
58.Recreation & Entertainment	51371	56076	55997	15.81	24.12	15.61
59.Washing & cleaning of Textiles	15757	58726	26922	11.62	2.88	4.65
60.Hair dressing + beauty treatment	37257	84143	70128	9.92	10.76	8.03
61.Custom Tailoring	43541	98585	69844	9.09	16.06	13.79
62.Funeral related + otherservices	0	99900	99900	0	0	0.00
63.Pvt. Household with employed person	0	0	0	0	0	0.00
All	64976	127204	87788	4.44	11.6	10.17

State: PUNJAB		Sector: RURAL Enttype: All Pooling method: MATCHING RATIO				
Table-50c(R)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample						
Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	6340	0	6340	95.6	0	38.24
02.meat+fish+fruits+vegetables+oils	72495	56994	70410	27.75	16.01	13.82
03.dairy products	79801	131043	106635	20.37	10.14	9.65
04.grain mill products	57541	152882	99023	13.49	29.15	27.18
05.other food products	54747	91917	80127	11.95	9.8	7.49
06.beverages	105424	0	105424	2.9	0	1.16
07.tobacco products	0	0	0	0	0	0.00
08.spinning+ weaving+finishing of textiles	15524	39307	13577	44.09	10.44	27.12
09.wearing apparel	88171	116563	110968	0	45.48	28.66
10.leather & fur products	44053	53182	44516	24.44	7.08	10.92
11.wood and wood products	56339	117431	68880	9.06	30.08	30.91
12.furniture	63794	126111	78356	7.91	15.44	15.13
13.paper and printing +publishing	58175	98278	63805	21.89	9.2	11.66
14.rubber+ plastic+petroleum products etc.	114877	0	114872	49.37	0	19.75
15.pharmaceuticals+chemical and chemical products	90020	0	90019	10.13	0	4.05
16.non-metallic products	15756	595087	40853	75.69	5.25	47.35
17.basic metals(Ferrous)	0	0	0	0	0	0.00
18.basic metals(Non-Ferrous)	0	0	0	0	0	0.00
19.recycling	51064	0	51064	3.02	0	1.21
20.febricated metal products+repair(nondomestic)	67655	106542	78588	11.29	18.88	15.84
21.computer+electronics+optical+repair(nondomest)	0	81600	81600	0	0	0.00
22.electrical machinery+repair(nondomestic)	46294	84218	48276	9.28	18.62	19.81
23.machinery nec+repair(nondomestic)	60019	83718	64676	8.84	13.19	10.76
24.transport equipment+repair(nondomestic)	68825	48000	68732	35.92	0	14.39
25.other manufacturing+repair	44651	198259	108186	31.23	21.09	23.76
26.repair of motor vehicles and motor cycles	54406	151820	71428	6.27	11.95	15.36
27.Sale of motor vehicles	128469	186701	131229	11.78	68.27	58.46
28.Whole sale trade + Auctioning activities	81861	49909	79576	13.16	29.17	12.24
29.Repair of personal and household goods	47714	91661	66943	6.06	4.88	4.37
30.Retail trade (except motor vehicle)	57584	120362	85136	6.03	9.28	8.04
31.Hotels; Camping sites etc.	92705	173499	97266	49.38	18.09	27.00
32.Restaurant+bars+canteen	46878	66493	48887	7.59	7.27	6.61
33.Scheduled passenger land transport	32073	105600	54528	4.28	0	1.01
34.Non-sch passenger transport by motor vehicles	75547	105798	80715	7.76	12.96	10.60
35.Freight transport by motor vehicles	85154	107775	86528	7.67	8.33	6.92
36.Other non-scheduled passenger land transport	38559	56594	39163	5.9	8.2	7.48
37.Freight transport other than by motor vehicles	40754	87394	42322	8.43	38.25	47.50
38.water Transport	0	0	0	0	0	0.00
39.Financial excl insurance and pension	704	69845	18415	626.67	76.04	173.31
40.Other financial activities	41993	406800	52543	15.93	0	5.09
41.Storage and Ware Housing	0	0	0	0	0	0.00

State: PUNJAB

Sector: RURAL Enttype: All Pooling method: MATCHING RATIO

Table-50c(R)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	pooled
42.Supporting & Auxiliary transport activities	57638	0	57640	20.81	0	8.32
43.Postal Services	0	0	0	0	0	0.00
44.Courier activities	0	0	0	0	0	0.00
45.Cable operator	58784	133200	122215	26.26	0	5.05
46.Other communication	18751	57229	50211	70.93	12.24	13.50
47.Real Estate	59292	189880	95311	36.47	27.72	34.35
48.Renting of Machinery	56693	115236	73530	13.86	18.89	18.27
49.Computer relating services	0	242400	242400	0	0	0.00
50.Legal services	104999	0	105000	3.08	0	1.23
51.Accounting+Book-Keeping	0	0	0	0	0	0.00
52.Research Dev.	69246	111725	87973	9.08	11.32	9.09
53.Education	39692	0	39692	14.19	0	5.68
54.Coaching centre	48450	146473	62545	16.96	13.65	19.89
55.Medical and Health	60759	92969	71123	12.53	10.71	9.43
56.Sanitary Services	16230	34800	23347	10.23	0	2.84
57.Membership Organisations	22312	36912	23000	35.32	29.38	31.44
58.Recreation & Entertainment	47580	56254	54572	12.45	23.71	15.29
59.Washing & cleaning of Textiles	31774	67441	46902	22.48	9.42	10.16
60.Hair dressing + beauty treatment	41651	80778	61997	7.04	7.76	6.35
61.Custom Tailoring	26172	84893	42880	7.23	7.15	8.67
62.Funeral related + otherservices	26450	96872	28947	19.33	0.99	7.34
63.Pvt. Household with employed person	0	0	0	0	0	0.00
All	52443	110580	71183	3.59	7.63	7.19

State: PUNJAB

Sector: URBAN Enttype: OAE Pooling method: MATCHING RATIO

Table-50a(U)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	25510	0	25510	6.09	0	2.44
02.meat+fish+fruits+vegetables+oils	131705	87857	125919	9.48	0.66	3.98
03.dairy products	48200	83970	55625	9.08	11.55	10.92
04.grain mill products	68877	77767	72993	31.36	27.02	20.94
05.other food products	88125	95326	89796	9.61	10.88	7.89
06.beverages	106560	198000	173319	0	0	0.00
07.tobacco products	0	0	0	0	0	0.00
08.spinning+ weaving+finishing of textiles	53437	45010	53391	30.11	40.68	23.85
09.wearing apparel	31890	48000	47325	0	0	0.00
10.leather & fur products	44508	77493	44588	49.8	38.86	45.14
11.wood and wood products	61393	80122	63586	12.05	13.19	11.00
12.furniture	68226	255502	113146	8.07	41.54	56.32
13.paper and printing +publishing	17404	84444	36930	19.93	15.18	21.16
14.rubber+ plastic+petroleum products etc.	0	56208	56208	0	3.97	2.38
15.pharmaceuticals+chemical and chemical products	0	0	0	0	0	0.00
16.non-metallic products	9312	83011	13505	47.55	0	13.11
17.basic metals(Ferrous)	217200	55202	83882	0	4.43	1.75
18.basic metals(Non-Ferrous)	0	0	0	0	0	0.00
19.recycling	42600	137400	58303	0	0	0.00
20.febricated metal products+repair(nondomestic)	65335	181342	74334	26.81	25.77	38.88
21.computer+electronics+optical+repair(nondomest)	250860	846000	329168	0	0	0.00
22.electrical machinery+repair(nondomestic)	79130	114180	79243	14.59	0	5.83
23.machinery nec+repair(nondomestic)	67834	99759	77077	10.62	22.84	18.13
24.transport equipment+repair(nondomestic)	52757	101400	56627	6.44	0	2.40
25.other manufacturing+repair	49459	195110	64992	19.48	35.64	64.47
26.repair of motor vehicles and motor cycles	62636	89039	67809	9	11.18	9.41
27.Sale of motor vehicles	109916	126013	115239	11.28	11.25	8.54
28.Whole sale trade + Auctioning activities	95190	857701	120519	11.06	54.07	230.91
29.Repair of personal and household goods	72167	92923	78154	8.05	4.88	4.58
30.Retail trade (except motor vehicle)	89137	179813	115773	5.15	15.8	14.81
31.Hotels; Camping sites etc.	0	54746	54746	0	10.81	6.49
32.Restaurant+bars+canteen	49902	65651	52120	6.26	21.93	16.75
33.Scheduled passenger land transport	79073	0	79073	9.89	0	3.96
34.Non-sch passenger transport by motor vehicles	55044	86418	60860	17.64	12.71	12.57
35.Freight transport by motor vehicles	88889	85637	88326	4.96	3.61	2.90
36.Other non-scheduled passenger land transport	64538	58114	64315	15.12	3.72	6.40
37.Freight transport other than by motor vehicles	46050	61208	47355	12.07	3.78	5.53
38.water Transport	0	0	0	0	0	0.00
39.Financial excl insurance and pension	67121	121483	88104	28.03	41.82	35.64
40.Other financial activities	68063	92729	71917	15.95	42.87	33.71
41.Storage and Ware Housing	0	0	0	0	0	0.00

State: PUNJAB

Sector: URBAN Enttype: OAE Pooling method: MATCHING RATIO

Table-50a(U)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	pooled
42.Supporting & Auxiliary transport activities	126763	62526	85482	14.1	19.14	11.85
43.Postal Services	64620	0	64620	0	0	0.00
44.Courier activities	32880	0	32880	0	0	0.00
45.Cable operator	53700	28380	50229	0	0	0.00
46.Other communication	41308	69189	55490	16.28	15.45	12.53
47.Real Estate	129127	247253	180551	14.66	6.53	6.81
48.Renting of Machinery	58346	114557	87625	23.81	6.3	8.04
49.Computer relating services	52464	80587	60756	26.18	17.13	16.36
50.Legal services	238334	190200	214099	1.08	0	0.48
51.Accounting+Book-Keeping	177599	0	177599	4.67	0	1.87
52.Research Dev.	121690	135073	128360	7.34	9.87	6.83
53.Education	48664	265769	58966	22.1	28.56	77.58
54.Coaching centre	126812	114113	124716	41.01	16.2	18.90
55.Medical and Health	76023	412245	218137	11.59	53.58	60.78
56.Sanitary Services	57600	0	57600	0	0	0.00
57.Membership Organisations	53975	55800	54082	12.2	0	4.87
58.Recreation & Entertainment	122967	103241	121458	48.54	21.87	22.60
59.Washing & cleaning of Textiles	67933	102347	78057	10.68	32.75	26.03
60.Hair dressing + beauty treatment	57600	95986	74236	8.89	9.04	7.54
61.Custom Tailoring	41734	81671	52723	10.69	9.2	9.20
62.Funeral related + otherservices	77142	86403	77638	10.35	0.86	4.15
63.Pvt. Household with employed person	0	0	0	0	0	0.00
All	73585	149579	92811	4.1	11.16	10.87

State: PUNJAB**Sector: URBAN Enttype: EST Pooling method: MATCHING RATIO****Table-50b(U)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample**

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	70140	0	70140	0	0	0.00
02.meat+fish+fruits+vegetables+oils	93187	90129	91301	13.34	40.25	24.45
03.dairy products	114710	129525	120469	6.58	10.4	7.16
04.grain mill products	85343	107941	99452	4.56	12.21	8.10
05.other food products	81647	94777	87893	13.68	11.25	8.88
06.beverages	58999	152400	54348	29.7	0	12.90
07.tobacco products	129975	51680	68163	0	0	0.00
08.spinning+ weaving+finishing of textiles	54612	118055	55245	6.34	15.48	20.01
09.wearing apparel	59967	105153	67311	2.04	46.38	43.48
10.leather & fur products	68864	44527	55836	5.26	10.81	5.79
11.wood and wood products	75740	161648	97445	9.46	24.14	24.21
12.furniture	64242	112937	78790	8.32	29.2	25.26
13.paper and printing +publishing	69909	67350	69532	8.82	9.35	6.49
14.rubber+ plastic+petroleum products etc.	119175	0	119175	19.1	0	7.64
15.pharmaceuticals+chemical and chemical products	82819	27600	55768	0.52	0	0.31
16.non-metallic products	16266	0	16266	4.94	0	1.98
17.basic metals(Ferrous)	453765	94620	434731	56.37	0	23.54
18.basic metals(Non-Ferrous)	0	0	0	0	0	0.00
19.recycling	95400	0	95400	0	0	0.00
20.fabricated metal products+repair(nondomestic)	74721	56906	64665	7.23	33.28	17.89
21.computer+electronics+optical+repair(nondomest)	88440	876000	124600	0	0	0.00
22.electrical machinery+repair(nondomestic)	52867	80243	58782	9.88	6.71	6.55
23.machinery nec+repair(nondomestic)	60040	214804	96833	19.48	30.99	41.53
24.transport equipment+repair(nondomestic)	89969	183124	98200	6.89	26.45	29.70
25.other manufacturing+repair	74070	184892	110929	7.56	58.93	58.97
26.repair of motor vehicles and motor cycles	63728	106235	72958	6.73	14.91	13.24
27.Sale of motor vehicles	196234	199779	197828	15.63	47.08	29.19
28.Whole sale trade + Auctioning activities	159261	56712	108946	12.5	14.07	8.53
29.Repair of personal and household goods	56307	315741	156334	13.74	53.9	65.35
30.Retail trade (except motor vehicle)	100614	227387	150251	6.68	23.14	21.09
31.Hotels; Camping sites etc.	57097	121377	92077	33.77	44.96	36.53
32.Restaurant+bars+canteen	57243	99391	74532	7.95	29.9	24.05
33.Scheduled passenger land transport	75243	0	75243	1.08	0	0.43
34.Non-sch passenger transport by motor vehicles	66461	91309	68285	19.65	10.69	11.49
35.Freight transport by motor vehicles	76745	173145	98850	10.04	11.96	12.95
36.Other non-scheduled passenger land transport	0	80400	80400	0	0	0.00
37.Freight transport other than by motor vehicles	81216	36300	41274	0	0	0.00
38.water Transport	0	0	0	0	0	0.00
39.Financial excl insurance and pension	137487	125658	131029	20.68	3.82	8.95
40.Other financial activities	90140	518481	202714	12.46	18.5	28.48

State: PUNJAB

Sector: URBAN Enttype: EST Pooling method: MATCHING RATIO

Table-50b(U)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	pooled
41.Storage and Ware Housing	0	0	0	0	0	0.00
42.Supporting & Auxiliary transport activities	72968	85267	76677	7.3	28.66	19.32
43.Postal Services	0	0	0	0	0	0.00
44.Courier activities	74955	71061	74011	5.77	17.75	10.49
45.Cable operator	66564	0	66564	28.25	0	11.30
46.Other communication	33762	80003	51288	39.39	34.87	34.24
47.Real Estate	103874	664429	445729	11.84	30.98	27.73
48.Renting of Machinery	73944	128245	90916	5.99	6.26	5.65
49.Computer relating services	110823	118231	105441	10.06	39.93	27.20
50.Legal services	142497	155623	150878	9.78	6.27	5.36
51.Accounting+Book-Keeping	175340	329552	218946	1.23	51.98	46.95
52.Research Dev.	60759	209210	144648	9.62	88.32	76.66
53.Education	63096	60226	62684	18.75	18	12.83
54.Coaching centre	100952	111935	102218	24.84	30.57	22.35
55.Medical and Health	101520	345212	209244	18.25	40.85	40.59
56.Sanitary Services	0	54300	54300	0	0	0.00
57.Membership Organisations	148917	70543	79270	0.45	0	0.34
58.Recreation & Entertainment	63410	36799	56366	18.92	40.34	17.95
59.Washing & cleaning of Textiles	48810	51096	49966	2.1	30.47	18.71
60.Hair dressing + beauty treatment	59108	95811	87581	10.89	56.44	37.16
61.Custom Tailoring	52983	93591	66310	6.05	15.29	13.09
62.Funeral related + otherservices	47699	0	47699	1.49	0	0.60
63.Pvt. Household with employed person	0	0	0	0	0	0.00
All	88538	151536	111384	5.45	27.58	22.58

State: PUNJAB**Sector: URBAN Enttype: All Pooling method: MATCHING RATIO****Table-50c(U)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample**

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	27077	0	27077	11.11	0	4.44
02.meat+fish+fruits+vegetables+oils	120916	89686	109700	9.61	32.47	16.48
03.dairy products	93693	122755	104354	14.21	10.76	9.15
04.grain mill products	76521	96906	87764	17.59	12.27	10.18
05.other food products	83917	94867	88410	10.84	9.18	7.20
06.beverages	59181	185155	56439	29.45	7.05	18.58
07.tobacco products	129975	51680	68163	0	0	0.00
08.spinning+ weaving+finishing of textiles	54377	109296	54875	3.93	19.51	23.37
09.wearing apparel	59916	96845	66623	1.99	45.83	39.98
10.leather & fur products	48528	44872	47939	40.24	11.16	17.46
11.wood and wood products	71325	153127	88564	9.35	24.37	25.46
12.furniture	64776	127605	83116	7.54	28.23	26.11
13.paper and printing +publishing	60747	75702	62544	13.82	10.88	9.55
14.rubber+ plastic+petroleum products etc.	119175	56208	89026	19.1	3.97	10.34
15.pharmaceuticals+chemical and chemical products	82819	27600	55768	0.52	0	0.31
16.non-metallic products	11070	83011	14173	29.17	0	9.11
17.basic metals(Ferrous)	443484	63459	366131	53.44	17.03	25.95
18.basic metals(Non-Ferrous)	0	0	0	0	0	0.00
19.recycling	45412	137400	59966	8.29	0	2.51
20.fabricated metal products+repair(nondomestic)	72820	59304	65793	9.98	34.72	19.29
21.computer+electronics+optical+repair(nondomest)	119778	863117	167154	29.86	1.2	9.33
22.electrical machinery+repair(nondomestic)	66589	80673	68245	13.03	6.47	6.85
23.machinery nec+repair(nondomestic)	61500	188178	92916	15.71	32.23	39.38
24.transport equipment+repair(nondomestic)	85469	174191	93214	5.91	24.93	28.04
25.other manufacturing+repair	59294	187674	86543	11.7	47.86	62.35
26.repair of motor vehicles and motor cycles	63177	99014	70440	6.24	12.43	10.72
27.Sale of motor vehicles	174205	187151	179694	12.49	38.41	24.49
28.Whole sale trade + Auctioning activities	138109	70220	111302	10.04	29.99	12.40
29.Repair of personal and household goods	67703	177532	102753	7.03	42.32	43.91
30.Retail trade (except motor vehicle)	93919	204328	131386	4.48	14.68	13.76
31.Hotels; Camping sites etc.	57097	110798	88600	33.77	44.37	34.41
32.Restaurant+bars+canteen	53323	92218	64665	5.68	26.13	22.44
33.Scheduled passenger land transport	78969	0	78969	9.66	0	3.86
34.Non-sch passenger transport by motor vehicles	55914	86555	61362	16.88	12.37	12.14
35.Freight transport by motor vehicles	79817	156608	96356	7.37	18.49	18.20
36.Other non-scheduled passenger land transport	64538	58586	64327	15.12	4.15	6.48
37.Freight transport other than by motor vehicles	46542	47571	46717	11.65	16.18	10.92
38.water Transport	0	0	0	0	0	0.00
39.Financial excl insurance and pension	110612	124639	117568	23.73	10.6	11.19
40.Other financial activities	82185	423064	159883	8.16	31.81	50.53

State: PUNJAB

Sector: URBAN Enttype: All Pooling method: MATCHING RATIO

Table-50c(U)CC: Compilation Category wise GVA per workers and RSE for central, state and pooled sample

Compilation Category	GVA per workers			RSE		
	central	state	pooled	central	state	pooled
41.Storage and Ware Housing	0	0	0	0	0	0.00
42.Supporting & Auxiliary transport activities	82288	74670	79235	10.8	23.41	13.98
43.Postal Services	64620	0	64620	0	0	0.00
44.Courier activities	69164	71061	69206	9.8	17.75	11.62
45.Cable operator	66261	28380	66120	27.55	0	11.04
46.Other communication	38905	72576	54206	19.05	15.99	13.96
47.Real Estate	126435	345543	222670	12.73	23.58	22.14
48.Renting of Machinery	67434	119761	89259	11.53	5.09	5.38
49.Computer relating services	61347	99854	75666	26.09	27.2	23.14
50.Legal services	159040	159321	159214	9.83	5.87	5.28
51.Accounting+Book-Keeping	177042	329552	190562	3.16	51.98	53.95
52.Research Dev.	96589	175094	136306	7.13	53.31	41.14
53.Education	51767	167132	59834	16.88	39.22	65.99
54.Coaching centre	101746	112016	102921	23.59	29.68	21.51
55.Medical and Health	93962	364041	211820	15.77	44.12	45.58
56.Sanitary Services	57600	54300	55490	0	0	0.00
57.Membership Organisations	60434	68708	63695	12.96	3.31	5.36
58.Recreation & Entertainment	84293	44141	75937	25.43	35.29	16.70
59.Washing & cleaning of Textiles	66629	95010	75503	10.23	31.34	23.94
60.Hair dressing + beauty treatment	58117	95865	81724	7.72	39.13	27.63
61.Custom Tailoring	45602	86478	57632	6.74	9.67	8.96
62.Funeral related + otherservices	72314	86403	72951	8.43	0.86	3.40
63.Pvt. Household with employed person	0	0	0	0	0	0.00
All	81310	150830	103139	4.18	19.49	17.15