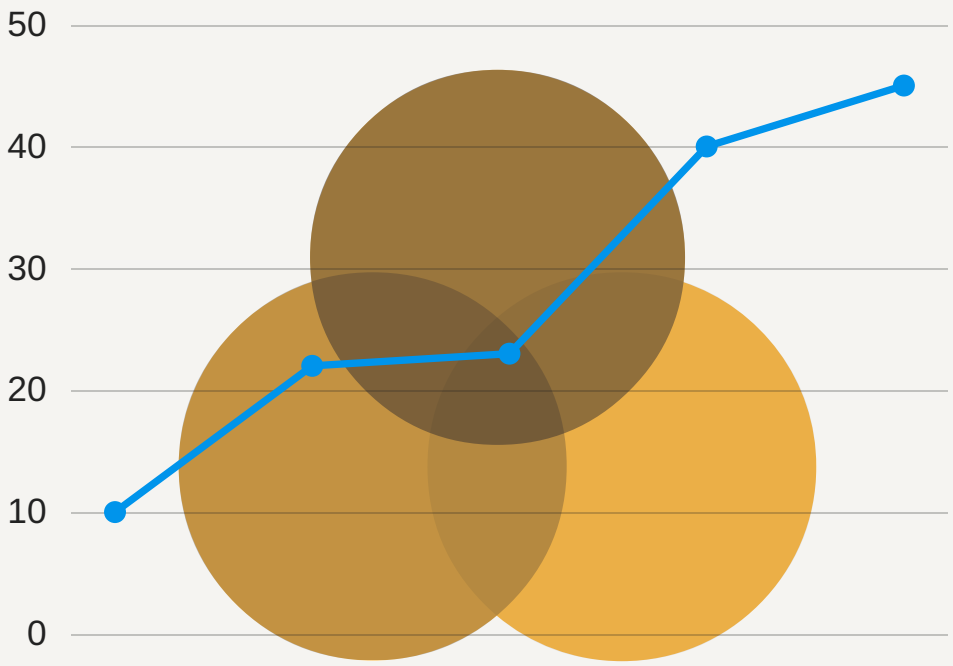
A Report on Unincorporated Non-Agricultural Enterprises (Excluding Construction) In Uttar Pradesh

Based on the pooling of central and state sample data of NSS 67th Round
(July 2010-June 2011)



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PREFACE

The sixty-seventh round (1st July 2010 to 30th June 2011) of NSS was devoted exclusively for collection of data on economic and operational characteristics of unincorporated non-agricultural enterprises in manufacturing, trade and other service sector (excluding construction). Uttar Pradesh State is a partner in these surveys since 9th round (1955), generally on equal matching basis.

Last surveys of enterprises on trade, unorganised manufacturing and service sectors were conducted during 53rd round (unorganised trade; January – December 1997), 56th round (unorganised manufacturing; 2000-2001) and 57th round (unorganised service sector excluding trade, finance and construction; 2001 –2002), 62nd round (unorganised manufacturing; July 2005 – June 2006) and 63rd round of NSS (July 2006 – June 2007) respectively. Other enterprise surveys carried out in between were 55th round (informal sector enterprises; 1999-2000). National Statistical Commission constituted a professional committee under the chairmanship of Prof. R. Radhakrishna, to identify the preconditions for pooling of Central and State Sample NSS data, to suggest appropriate methodology for pooling the data and to bridge the data gaps and in turn strengthen the database for de-centralized planning and governance.

The necessity for pooling the Central and State sample data arose due to the growing need for improving the precision of estimates of policy parameters such as the labour force participation, level of living and wellbeing, incidence of poverty, State Domestic Product (SDP), District Domestic Product (DDP) etc., and for strengthening the database at district level required for decentralized governance.

Accordingly the NSC professional committee has recommended certain poolability tests and the methodologies for pooling of Central and State sample data of NSS. In the workshop which was held on 18-19, June 2015 at Sardar Patel Bhawan, New Delhi, methodology and software for pooling of NSS 67th round data has been demonstrated and states were motivated to undertake the pooling exercise.

While undertaking pooling exercise the major problem encountered to DESUP was the different layouts of the data of Central and State samples. After recast the layout of the state sample data on central sample, the pooling became possible by the meticulous planning and execution of various activities of DES officials. I am thankful to the officers of DPD, Kolkata for their valuable technical guidance provided at different stages.

Uttar Pradesh State has prepared present report based on Central and State Sample Pooled Data of NSS 67th round schedule 2.34 on unincorporated non-agricultural enterprises (excluding construction) data. Comments and valuable suggestions from the researchers and scholars on this report are most welcome.

Date: Jan25, 2017

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ABBREVIATIONS USED

FSU	First Stage Unit (sample village/urban sub-blocks)
ENT TYPE	Enterprise Type
OAE	Own Account Enterprise
EST	Establishment
MFG	Manufacturing Enterprises
RSE	Relative Standard Error
GVA	Gross Value Added
GVAPW	Gross Value Added Per Worker
GVAPE	Gross Value Added Per Enterprise
CC	Compilation Category
MR	Matching Ratio
IV	Inverse Variance

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Chapter-1
Introduction and Background

1.0 Background

The National Sample Survey Office (NSSO) conducts nationwide integrated large scale sample surveys, employing scientific sampling methods, to generate data and statistical indicators on diverse socio-economic aspects. The NSS surveys are conducted, at regular intervals as part of its "rounds"(each round normally of a year's duration), through interviews of a random sample of units selected through a Multistage Stratified Random Sampling design and cover practically the entire geographical area of the country.

The sixty-seventh round of NSS (July 2010-June 2011) was devoted exclusively for collection of data on economic and operational characteristics of unincorporated non-agricultural enterprises in manufacturing, trade and other service sector (excluding construction).

1.1 State's participation in NSS surveys

Uttar Pradesh state has been participating in the NSS surveys since 9th round onwards by using the same concepts, definitions and procedures and by adopting the same sample design based on independently drawn sample as that of NSSO called as the state samples. The sample list of the state sample was drawn and supplied by the NSSO. District wise sample size for 67th round for state of Uttar Pradesh is given as in Annexure-1.

One of the objectives of states participation in the NSS programme is to provide a mechanism by which sample size will be increased and the pooling of the two sets of data would enable better estimates at sub state level, particularly at district level. This resulted in increased precision of the estimates at disaggregated level. But the major benefit will be derived in the case if estimates are generated at sub-state level particularly at district level.

1.2 Emerging needs for pooling of Central and State samples

The 73rd and 74th constitutional amendment (1992) has brought into existence the democratically elected grassroots institutions of local self-governance, with respective delegated functions, both in rural and urban areas. This has enhanced the demand for local level statistics and necessitated requirement of developing basic capabilities at grass root levels to organize such statistics in a harmonious manner. In this context, it is envisioned that the survey resources in overall NSS programme both by Central and State Agencies can be more effectively utilized to generate lower level estimates of key indicators at district level. 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. These requirements are subsequently brought in institutional framework in the implementation of the 13th Finance Commission. The National Statistical Commission (NSC) in its reports has observed the importance of pooling as in the statement:

"***The statistical agencies of different State governments have been participating in the NSS programme and canvassing the same questionnaires in matched samples of households in their respective States following identical concepts, definitions and procedures. Results from the central samples and state sample(s) have occasionally been compared. The main purpose of the programme is to pool the two samples and obtain dependable estimates for regions within the States.***"

1.3 Harmonization of data processing process

The harmonization of data processing process is one of the key essences for pooling the different sets of data. The state sample data should be processed using the same set of validation rules as in the case of central sample data. Accordingly, it is essential that the state sample data is processed, ensuring the use of same data entry layout as in the case of central sample. If the states are evolving their own data layout, as per their convenience, then the state data should be put in the layout, harmonized of that with the central data for using the same software developed for central samples. In this concerning (67^{th}) round,Uttar Pradesh has used their own developed Data Entry, Validation and Tabulation Softwares for preparation of it's reports based on data collected.But for pooling exercise, Uttar Pradesh has recasted their data on the layout according to the central data and then after pooling exercise is done by using the software supplied by the NSSO (DPD), Uttar Pradesh is using the data entry, validation and tabulation software supplied by the NSSO (DPD) for data entry, validation and tabulation of data from 70th round onwards. Therefore the question of harmonization of data processing process will not arise from 70^{th} round and onward in UP.

1.4 Methodology of pooling:

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

1- **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.

2- **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.

1.5 Tables generated

1.5.1 Following tables were generated for testing the poolability of State and Central samples;

a) District wise results of RUN TEST of GVAPW on OAE and Establishment activity for pooled sample of rural and urban sectors.
b) District wise results of MEAN TEST of GVAPW on OAE and Establishment activity for pooled sample of rural and urban sectors.
c) District wise results of RUN TEST of GVAPE on OAE and Establishment activity for pooled sample of rural and urban sectors.
d) District wise results of MEAN TEST of GVAPE on OAE and Establishment activity for pooled sample of rural and urban sectors.

Following Tables were generated pertaining to the estimation of different parameters and their RSEs (%);

a) Districtwise estimated no of workers and enterprises with their RSEs for central, state and pooled sample of Rural and Urban sector with pooling method (Matching Ratio).
b) District wise estimate of Emoluments per hired worker and their RSEs for central, state and pooled sample with MATCHING RATIO and INVERSE VARIANCE of Rural and Urban sector by enterprise type .
c) District wise estimates and their RSEs of GVAPW for central, state and pooled sample with MATCHING RATIO and INVERSE VARIANCE of sectorwise and enterprise typewise.
d) Compilation Category wise and enterprise typewise estimated no of enterprises, workers and their RSEs for central, state and pooled sample of Rural and Urban sector with pooling method -Matching Ratio

1.6 Sample Size of Uttar Pradesh:

The sample size of Central and State samples for Uttar Pradesh state is given below;

Table 1.1: Sample size of Central and State samples

Sector	Central sample			State sample		
	FSU allotted	FSU surveyed	Enterprise surveyed	FSU allotted	FSU surveyed	Enterprise surveyed
RURAL	856	853	14923	856	841	11467
URBAN	816	814	18162	816	809	14823

Chapter-2
Summary of Findings

2.0 Introduction

The theoretical framework of pooling and the methodology as well as issues concerning operational and technical aspects of pooling of NSS central and state sample data are given in chapter 3. This chapter focuses the results obtained after performing poolability test for different parameters to which data collected in Schedule 2.34. The RUN TEST and MEAN TEST performed over GVAPW on OAE and Establishment (EST) activity for testing the poolability of central and state sample data of rural and urban sector. Number of districts rejected for different type of enterprises is given below:

Table 2.1: Number of districts for which poolability was rejected over GVAPW by RUN TEST using Z-statistics (one sided) and mean test

RUN TEST

Type	Rural	Urban	Not Recorded*	Total Districts
(1)	(2)	(3)	(4)	(5)
OAE				
Manufacturing	27	26	0	71
Trade	32	30	0	71
Services	24	21	0	71
EST				
Manufacturing	11	7	6	71
Trade	7	16	16	71
Services	11	10	4	71

MEAN TEST

Type	Rural	Urban	Total Districts
(1)	(2)	(3)	(4)
OAE			
Manufacturing	34	29	71
Trade	22	31	71
Services	18	27	71
EST			
Manufacturing	28	27	71
Trade	41	32	71
Services	29	21	71

*Districts that have no recorded data either of central or state sample.

From the above table it is observed that in rural sector, out of 71 districts in case of OAE 27, 32 and 24 districts in manufacturing, trade and services respectively did not satisfy the poolability test whereas numbers are less in case of establishment i.e. only 11, 7 and 11 districts in manufacturing, trade and services respectively did not satisfy the poolability test. Similary in urban sector, out of 71 districts in case of OAE 26, 30 and 21 districts in manufacturing, trade and services respectively did not satisfy the poolability test whereas

numbers are less in case of establishment i.e. only 7, 16 and 10 districts in manufacturing, trade and services respectively did not satisfy the poolability test.

RUN TEST using Z-statistics (one sided) was done over GVAPE on OAE and Establishment activity for testing the poolability of state sample data of rural and urban sector. Number of districts rejected is given below:

Table 2.2: Number of districts for which poolability was rejected over GVAPE by RUN TEST using Z-statistics (one sided)

Number of Districts for which Poolability was rejected over GVAPE by RUN TEST using Z-statistics (one-sided)			
State: UP	**Ent Type: OAE**		**RUN TEST**
Type	**Rural**	**Urban**	**Total Districts**
Manufacturing	50	53	71
Trade	45	49	71
Services	48	50	71

Number of Districts for which Poolability was rejected over GVAPE by RUN TEST using Z-statistics (one-sided)			
State: UP	**Ent Type: EST**		**RUN TEST**
Type	**Rural**	**Urban**	**Total Districts**
Manufacturing	61	63	71
Trade	46	53	71
Services	63	63	71

Number of Districts for which Probability was rejected over GVAPE by MEAN TEST of using Z-statistics (one-sided)			
State: UP	**Ent Type: OAE**		**MEAN TEST**
Type	**Rural**	**Urban**	**Total Districts**
Manufacturing	28	25	71
Trade	18	20	71
Services	17	22	71

Number of Districts for which Probability was rejected over GVAPE by MEAN TEST using Z-statistics (one-sided)			
State: UP	**Ent Type: EST**		**MEAN TEST**
Type	**Rural**	**Urban**	**Total Districts**
Manufacturing	16	19	71
Trade	38	21	71
Services	12	15	71

From the above table it is observed that in rural sector, out of 71 districts in case of OAE 50, 45 and 48 districts in manufacturing, trade and services respectively did not satisfy the poolability test whereas numbers are more in case of establishment i.e. 61, 46 and 63 districts in manufacturing, trade and services respectively did not satisfy the poolability test.

Similarly in urban sector, out of 71 districts for OAE enterprises, 53, 49 and 50 districts in manufacturing, trade and services respectively did not satisfy the poolability test whereas numbers are more in case of establishment i.e. 63, 53 and 63 districts in manufacturing, trade and services respectively did not satisfy the poolability test.

Distribution of districts by range of RSE of GVAPW of central, state and pooled sample

The absolute percentage difference between central and state sample (divergence) is worked out considering the district as a domain of pooling.

Table 2.3a: Distribution of districts by range of RSE of GVAPW central, state and pooled sample by sector and enterprise type

Rural **OAE**

Item	<=5%	5-10%	10-15%	15-20%	20-25%	25-30%	>30%	Total Districts
Central sample								
Manufacturing	5	16	11	12	11	8	8	71
Trade	1	10	16	11	12	10	11	71
Services	2	17	20	9	10	3	10	71
State sample								
Manufacturing	6	13	15	13	10	8	6	71
Trade	5	9	15	14	7	6	15	71
Services	6	15	13	14	10	6	7	71
Pooled sample(MR)								
Manufacturing	3	14	22	15	7	2	8	71
Trade	0	16	15	19	9	4	8	71
Services	5	21	21	5	8	6	5	71
Pooled sample(IV)								
Manufacturing	11	28	16	14	2	0	0	71
Trade	7	23	20	11	4	2	4	71
Services	9	34	13	9	4	2	0	71

Rural **EST**

Item	<=5%	5-10%	10-15%	15-20%	20-25%	25-30%	>30%	Total Districts
Central sample								
Manufacturing	9	16	12	10	3	3	18	71
Trade	31	3	9	6	3	5	14	71
Services	7	12	14	12	7	5	14	71
State sample								
Manufacturing	19	12	10	5	8	3	14	71
Trade	30	12	3	8	3	7	8	71
Services	19	7	9	7	8	7	14	71
Pooled sample(MR)								
Manufacturing	7	22	10	10	4	3	15	71
Trade	18	15	14	8	2	1	13	71
Services	7	13	11	16	7	4	13	71
Pooled sample(IV)								
Manufacturing	28	20	10	6	3	2	2	71
Trade	47	9	5	2	1	3	4	71
Services	25	17	15	9	1	0	4	71

Urban **OAE**

Item	<=5%	5-10%	10-15%	15-20%	20-25%	25-30%	>30%	Total Districts
Central sample								
Manufacturing	6	13	15	12	8	6	11	71
Trade	10	15	14	15	8	3	6	71
Services	12	26	9	9	8	2	5	71
State sample								
Manufacturing	11	11	14	10	3	7	15	71
Trade	10	13	14	11	9	4	10	71
Services	7	18	10	13	9	6	8	71
Pooled sample(MR)								
Manufacturing	6	15	15	8	11	8	8	71
Trade	4	17	15	12	4	0	19	71
Services	7	25	17	12	5	1	4	71
Pooled sample(IV)								
Manufacturing	16	21	18	7	4	3	2	71
Trade	19	26	16	7	3	0	0	71
Services	25	26	8	10	2	0	0	71

Urban **EST**

Item	<=5%	5-10%	10-15%	15-20%	20-25%	25-30%	>30%	Total Districts
Central sample								
Manufacturing	15	23	11	6	5	3	8	71
Trade	12	18	12	7	8	6	8	71
Services	8	19	17	6	4	5	12	71
State sample								
Manufacturing	16	10	10	11	9	7	8	71
Trade	17	14	7	5	5	4	19	71
Services	11	14	8	12	3	5	18	71
Pooled sample (MR)								
Manufacturing	12	16	16	13	5	1	8	71
Trade	9	8	10	4	3	1	36	71
Services	6	21	15	6	7	5	11	71
Pooled sample (IV)								
Manufacturing	27	25	11	6	2	0	0	71
Trade	26	22	11	2	6	1	3	71
Services	18	33	8	5	3	2	2	71

From the above tables, which shows the distribution of districts by range of RSE level, it can be seen that the pooled estimates with IV method of pooling, Manufacturing, Trade and Service sector's GVAPW have lower RSE compared to central, state sample and also MR method of pooled estimate. The RSE of estimates of Manufacturing, Trade and Service sector OAE enterprise's GVAPW for both rural and urban districts are mostly within 30% for pooled sample (Inverse variance method) except for 1-2 districts. The RSE of estimates for Manufacturing, Trade and Service sector Establishment enterprise's GVAPW for both rural and urban districts are mostly within 30% for pooled sample (Inverse variance method) except for 1-17 districts.

The RSE of estimates of Manufacturing, Trade and Service sector OAE enterprise's GVAPW for both rural and urban districts are rarely within 30% for pooled sample (MR method). Similarly, the RSE of estimates for Manufacturing, Trade and Service sector Establishment enterprise's GVAPW for both rural and urban districts are rarely within 30% for pooled sample (MR method).

Table 2.3b: Distribution of districts by range of RSE of GVAPE of central, state and pooled sample by sector and enterprise type

Rural **OAE**

Item	<=5%	5-10%	10-15%	15-20%	20-25%	25-30%	>30%	Total Districts
Central sample								
Manufacturing	1	11	23	15	7	6	8	71
Trade	4	10	11	14	13	6	13	71
Services	5	12	16	16	6	8	8	71
State sample								
Manufacturing	6	11	13	13	13	5	10	71
Trade	2	12	16	10	10	7	14	71
Services	4	19	14	7	7	8	12	71
Pooled sample (MR)								
Manufacturing	1	17	20	10	11	5	7	71
Trade	2	15	18	16	12	3	5	71
Services	5	22	14	11	10	2	7	71
Pooled sample (IV)								
Manufacturing	9	25	22	11	2	2	0	71
Trade	7	23	20	11	4	4	2	71
Services	13	29	14	7	6	2	0	71

Rural **EST**

Item	<=5%	5-10%	10-15%	15-20%	20-25%	25-30%	>30%	Total Districts
Central sample								
Manufacturing	7	3	9	7	4	4	37	71
Trade	24	9	3	11	5	1	18	71
Services	9	5	5	10	8	6	28	71
State sample								
Manufacturing	18	9	7	5	2	4	26	71
Trade	32	3	8	6	4	3	15	71
Services	15	6	3	7	7	7	26	71
Pooled sample (MR)								
Manufacturing	4	10	11	9	5	2	30	71
Trade	14	17	8	10	5	4	13	71
Services	4	9	10	10	12	9	17	71
Pooled sample (IV)								
Manufacturing	24	12	7	6	3	6	13	71
Trade	48	6	4	6	2	2	3	71
Services	22	11	10	10	7	2	9	71

Urban **OAE**

Item	<=5%	5-10%	10-15%	15-20%	20-25%	25-30%	>30%	Total Districts
Central sample								
Manufacturing	7	15	15	9	6	9	10	71
Trade	6	17	21	9	5	5	8	71
Services	14	23	7	8	14	2	3	71
State sample								
Manufacturing	10	13	7	14	5	6	16	71
Trade	7	9	14	10	12	7	12	71
Services	9	11	17	14	8	6	6	71
Pooled sample (MR)								
Manufacturing	2	17	15	20	5	5	7	71
Trade	4	15	26	13	3	2	8	71
Services	6	25	21	11	2	1	5	71
Pooled sample (IV)								
Manufacturing	18	24	14	10	4	1	0	71
Trade	13	29	20	5	1	2	1	71
Services	22	33	8	5	2	0	1	71

Urban **EST**

Item	<=5%	5-10%	10-15%	15-20%	20-25%	25-30%	>30%	Total Districts
Central sample								
Manufacturing	10	12	15	11	6	6	11	71
Trade	7	12	12	13	3	10	14	71
Services	7	8	8	13	15	6	14	71
State sample								
Manufacturing	12	12	8	9	7	7	16	71
Trade	16	10	7	9	3	5	21	71
Services	12	7	12	11	4	5	20	71
Pooled sample (MR))								
Manufacturing	6	17	15	11	6	7	9	71
Trade	7	12	15	12	6	4	15	71
Services	3	16	16	11	11	1	13	71
Pooled sample (IV)								
Manufacturing	24	20	14	4	8	1		71
Trade	23	15	14	7	6	2	4	71
Services	18	15	16	11	5	4	2	71

From the above tables, which shows the distribution of districts by range of RSE level, it can be seen that the pooled estimates with Inverse variance method, Manufacturing, Trade and Service sector's GVAPE have lower RSE when compared to central and state sample RSE. The RSE of estimates of Manufacturing, Trade and Service sector's OAE enterprises, GVAPE for both rural and urban districts are mostly within 30% for pooled sample with Inverse variance method except for 1-2 districts. The RSE estimates for Manufacturing,

Trade and Service sector's Establishment enterprises estimate of GVAPE for both rural and urban districts are mostly within 30% for pooled sample with Inverse variance method except for 2-13 districts.

The RSE estimates of Manufacturing, Trade and Service sector OAE enterprises estimates of GVAPE for both rural and urban sector, most districts' are within 30% with MR method of pooling. But, the RSE of estimates for Manufacturing, Trade and Service sector Establishment enterprises GVAPE for rural sector, districts are mostly within 30% except for 7-8 districts, while in urban sector, districts are rarely within 30% by MR method of pooling.

Chapter 3
Testing poolability and methodology for pooling

3.1 Testing poolability

Though the central sample and state sample are drawn independently following identical sampling design with same concepts, definitions and instructions to collect the state sample data but due to lack of adequate training of field and processing staff of State DESs, unit level data in some cases may not be properly validated. There may also expected agency bias in the two sets of data generated by different agencies. As such they 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.

3.1.1 Median test

3.1.1.1 In statistics, the median test is a special case of Pearson's Chi-square test. It tests the null hypothesis that the medians of the populations from which two samples are drawn, are identical. Observations in each sample are assigned to two groups, one consisting of data whose values are higher than the median value in the two groups combined, and the other consisting of data whose values are at the median or below. A Pearson's Chi-square test is then used to determine whether the observed frequencies in each group differ from expected frequencies derived from a distribution combining the two groups.

Let m^* be the median of the pooled sample data. Construct 2x2 contingency table as below and use Chi-square test if State sample and Central sample have identical median.

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

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.

χ^2 **Value =** $\sum_{i=1}^{2}\sum_{j=1}^{2}(O_{ij} - E_{ij})^2 / O_{ij}$ **with degrees of freedom = (2-1)*(2-1) = 1**

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– that is, by using a value which divides the groups into more nearly equal groups than the median would.

3.1.2Multinomial distribution test or χ^2 test

For discrete data such as status of activity, educational level and categorical variable such as land possessed 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 below and use Chi-square test if State sample and Central sample have identical distribution.

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

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.

χ^2 **Value =** $\sum_{i=1}^{2}\sum_{j=1}^{k}(O_{ij}-E_{ij})^2/O_{ij}$ **with degrees of freedom = (2-1)*(k-1) = k-1**

3.1.3 Wald-Wolfowitz RUN TEST

3.1.3.1 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: $F_s(x) <= F_c(x)$ for all x and $F_s(x) < F_c(x)$ for some x. Let $x_1, x_2,\ldots..,x_m$ be iid observation from state sample with distributive function F_s and $y_1, y_2,\ldots..,y_n$ be iid observation from central sample with distribution function F_c. Pool the data and order them with respect to comparable characteristic under consideration say GVAPW. In the pooled 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: 11110001110011111110000 is divided in six runs, three of them are made out of "1" and the others are made out of "0". The number of runs U is a random variable whose distribution for large sample can be treated as normal with:

mean: $\frac{2mn}{m+n}+1$ **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.

3.1.3.2 One of the 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. However if there is large number of ties which is bound to occur specially for qualitative attributes like education level, activity status etc, this test is not recommended. This test can be well applied for a continuous variable such as GVAPW which are less prone to ties. For discrete variable Chi-square test is recommended.

3.1.4 Parametric test

3.1.4.1 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.

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

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

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

3.1.4.2 Estimate of rate: Let r_c and r_s be the estimate of population rates R_c and R_s ie 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.

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

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

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

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

where

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

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

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

where $\sum_l$ stands for summing over (stratum *X* sub-stratum) level variance, covariance at the domain of pooling.

3.2 Methodology for pooling

3.2.1 Pooling by inverse weight of the variance of the estimates

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

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

$t_c = \sum_l (t_{c1} + t_{c2})/2$

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

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

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

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

where, $\sum_l$ stands for summing over (stratum *X* sub-stratum) level variance at the domain of pooling.

Thus pooled estimate and estimate of pooled variance is given by

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

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

3.2.2 Estimate of rate: Let r_c and r_s be the estimate of R_c and R_s ieY/X based on central and state sample respectively with corresponding estimated mean square error mse(r_c) and mse(r_s). The pooled estimate and estimate of variance of pooled ratio estimate may be given by:

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

Where mse(r_c) and mse(r_s) are calculated using formula given in para 3.2.2 above. Alternatively one can generate the pooled estimate of aggregate by inverse weight of estimate of variance obtained from central and state sample using formula given in para 3.2.1.1 for the characteristics x as well as y and obtain the pooled estimate of ratio as ratio of pooled estimate of aggregate. This will ensure consistency between pooled estimates of aggregate and the pooled estimate of ratio.

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

rp= typ /txp
where typ= atyc+ btys and txp= ctxc+ dtxs and (a, b), (c, d) are the estimated inverse variance weight pair of the characteristic x and y respectively.

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

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

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

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

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

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

where, $\sum_{l}$ stands for summing over (stratum *X* sub-stratum) level covariance at the domain of pooling.

3.2.3 Method laid down in para 3.2.1.1 and 3.2.1.2 requires calculation of estimate of variance of the estimates before pooling them. Reliability of estimate of variance should be ascertained with due consideration of sample size. Besides the complex calculations of variances and covariances for each cell of the table, one needs to address the issue of non-additivity of the component estimates with the estimate of marginal total. For e.g. pooled estimate of MPCE of FOOD and NON-FOOD may not add up to MPCE of TOTAL. To obviate this problem one may generate the pooled estimates of components first and then derive the estimate of total as sum of estimates of components.

3.2.4 Pooling by simple average of the estimates

3.2.4.1 Many of the States are not fully equipped with complex calculation of estimate of variance especially when cells of the table contains ratio of two characteristics which is usually presented in the NSS reports. When the State's participation is equal matching of central samples, the simple average of two estimates may be a way of combining the estimates considering central and state samples as independent samples. The pooled estimate will always lie between the estimates based on central and state sample separately.

3.2.4.2 When the State's participation is of unequal matching of central samples, the weighted average of two estimates with weights being matching ratio of central and state sample may be a better way of combining the estimates considering central and state samples as independent samples. For any characteristic, consider the state sample[s] in the form of two independent sub-sample s1 and s2 and the central sample[c] in the form of two independent sub- sample c1 and c2. Let matching ratio of state and central sample be **m:n**. Based on this, the respective estimates for state and central can be computed as:

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

Pooled estimate of these two estimates is given by weighing with matching participation rate **m:n**. Thus the pooled estimate is given by:

$$t_p = \frac{mt_s + nt_c}{m+n} \text{ with } V(t_p) = \frac{m^2 V(t_s) + n^2 V(t_c)}{(m+n)^2}$$

In general $V(t_c)$ and $V(t_s)$ can be estimated as $\hat{V}(t_c) = \sum_{l} (t_{c1} - t_{c2})^2/4$,

$\hat{V}(t_s) = \sum_{l} (t_{s1} - t_{s2})^2/4$ and thus $\hat{V}(t_p) = \frac{m^2 \hat{V}(t_s) + n^2 \hat{V}(t_c)}{(m+n)^2}$

The pooled estimate will always lie between the estimates based on central and state sample separately.

3.2.5 Summing up: For those characteristics which are known to be distributed as Normal, poolability of the two sets of central and state sample data may be tested by standard parametric tests such as Z-test. For those characteristics for which transformation makes them Normal, such methodology may be adopted. In most of the situations where the distribution is non-normal and unknown, the two sets of data may be tested through various non-parametric tests such as those laid down in para 1 of above. For discrete data, standard tests of equality of proportions based on binomial distribution may be used and for multinomial distributions relevant chi-square tests may be used.

Chapter 4
Poolability test results and different pooled estimates

4.1 : Poolability tests were undertaken and the test results are given below:

Table 4.1.1: District wise result of RUN TEST of GVAPW for pooled sample
Sector: RURAL Ent Type: OAE RUN TEST
$Z_{0.01}$ = - 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	-3.56	N	-2.06	Y	-5.89	N
2	MUZAFFARNAGAR	-3.83	N	-6.80	N	-4.66	N
3	BIJNOR	-1.51	Y	-0.46	Y	-2.37	N
4	MORADABAD	-2.10	Y	-3.70	N	-3.88	N
5	RAMPUR	-0.07	Y	0.10	Y	0.25	Y
6	JYOTIBAPHULENAGAR	-3.74	N	-3.12	N	-1.37	Y
7	MERRUT	-0.87	Y	-1.16	Y	0.41	Y
8	BAGPAT	-1.99	Y	-3.07	N	-0.79	Y
9	GAZIABAD	-2.23	Y	-2.34	N	-0.86	Y
10	GAUTAMBUDHNAGAR	-1.10	Y	-5.23	N	-2.79	N
11	BULANDSHAHAR	0.48	Y	0.82	Y	-1.20	Y
12	ALIGARH	-1.65	Y	-2.34	N	0.75	Y
13	HATHRAS	-2.55	N	-1.85	Y	1.63	Y
14	MATHURA	1.42	Y	0.09	Y	-1.99	Y
15	AGRA	-0.34	Y	-2.18	Y	0.10	Y
16	FIROZABAD	-2.20	Y	-1.95	Y	-1.72	Y
17	ETAH	-3.62	N	-3.46	N	-0.63	Y
18	MAINPURI	-1.03	Y	-0.36	Y	-2.84	N
19	BADAUN	0.57	Y	-0.18	Y	-1.87	Y
20	BAREILLY	-2.87	N	-1.72	Y	-1.42	Y
21	PILIBHIT	-2.42	N	-0.61	Y	-2.62	N
22	SHAHJAHANPUR	-3.56	N	-3.40	N	-0.82	Y
23	KHERI	-4.68	N	-5.76	N	-4.37	N
24	SITAPUR	0.64	Y	-0.16	Y	-1.32	Y
25	HARDOI	-1.99	Y	-0.77	Y	1.34	Y
26	UNNAO	-4.49	N	-2.23	Y	-0.42	Y
27	LUCKNOW	1.32	Y	-2.23	Y	-2.20	Y
28	RAIBAREILLY	-0.13	Y	0.09	Y	0.06	Y
29	FARRUKHABAD	-4.27	N	-5.97	N	-2.51	N
30	KANNAUJ	-4.23	N	-4.45	N	-1.04	Y
31	ETAWAH	-0.67	Y	-2.24	Y	-2.84	N
32	AURAIYA	-0.73	Y	-0.75	Y	-0.14	Y
33	KANPUR DEHAT	-1.88	Y	-1.52	Y	-0.82	Y
34	KANPUR NAGAR	-1.22	Y	-3.10	N	-4.25	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
35	JALAUN	-0.10	Y	0.03	Y	-1.42	Y
36	JHANSI	-0.41	Y	-1.30	Y	-0.36	Y
37	LALITPUR	-1.38	Y	-2.80	N	0.78	Y
38	HAMIRPUR	-2.99	N	-2.52	N	-6.68	N
39	MAHOBA	-1.76	Y	-1.58	Y	-1.84	Y
40	BANDA	-4.81	N	-4.44	N	-5.05	N
41	CHITRAKOOT	-2.22	Y	-2.33	Y	-1.89	Y
42	FATEHPUR	-0.59	Y	-1.48	Y	0.31	Y
43	PRATAPGARH	-0.05	Y	-2.92	N	-1.35	Y
44	KAUSHAMBI	-3.48	N	-3.73	N	-2.52	N
45	ALLAHABAD	-2.00	Y	-2.64	N	1.13	Y
46	BARABANKI	-1.27	Y	-2.44	N	-0.74	Y
47	FAIZABAD	0.77	Y	0.10	Y	-2.78	N
48	AMBEDKARNAGAR	-2.94	N	-4.08	N	-3.31	N
49	SULTANPUR	-2.62	N	-1.89	Y	0.61	Y
50	BAHRAICH	-3.11	N	-3.79	N	-4.28	N
51	SHRAWASTI	-0.99	Y	-1.44	Y	-0.73	Y
52	BALRAMPUR	-2.06	Y	-4.01	N	-3.16	N
53	GONDA	-0.64	Y	-2.16	Y	-1.29	Y
54	SIDDHARTHNAGAR	-0.69	Y	-0.86	Y	-0.58	Y
55	BASTI	-1.02	Y	-2.96	N	0.59	Y
56	SANTKABIRNAGAR	-7.09	N	-4.19	N	-5.64	N
57	MAHARAJGANJ	-1.33	Y	-2.66	N	0.63	Y
58	GORAKHPUR	0.32	Y	0.90	Y	-0.97	Y
59	KUSHINAGAR	-2.35	N	-0.59	Y	-0.60	Y
60	DEORIA	-1.40	Y	-1.17	Y	-1.09	Y
61	AZAMGARH	-0.28	Y	-2.90	N	-1.14	Y
62	MAU	-9.06	N	-6.02	N	-7.57	N
63	BALLIA	-1.70	Y	-1.33	Y	0.09	Y
64	JAUNPUR	-3.92	N	-2.36	N	-3.65	N
65	GAZIPUR	-0.32	Y	-1.16	Y	-2.99	N
66	CHANDAULLI	-2.44	N	-2.42	N	-1.70	Y
67	VARANASI	-3.19	N	-0.56	Y	1.10	Y
68	SANTRAVIDASNAGAR	-2.43	N	-2.03	Y	-2.62	N
69	MIRZAPUR	-6.55	N	-5.88	N	-3.07	N
70	SONBHADRA	-1.66	Y	-2.06	Y	-2.08	Y
71	KANSHIRAM NAGAR	-3.21	N	-4.31	N	-1.51	Y

Table 4.1.2: District wise result of RUN TEST of GVAPW for pooled sample
Sector: RURAL Ent Type: EST RUN TEST
$Z_{0.01}$ = - 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	-4.42	N	-	-	-2.12	Y
2	MUZAFFARNAGAR	-2.27	Y	-	-	-2.05	Y
3	BIJNOR	-0.93	Y	0.14	Y	-1.57	Y
4	MORADABAD	-2.43	N	-1.22	Y	-0.67	Y
5	RAMPUR	0.10	Y	-1.00	Y	-1.65	Y
6	JYOTIBAPHULENAGAR	-3.43	N	-1.86	Y	-2.42	N
7	MERRUT	-0.29	Y	0.00	Y	0.79	Y
8	BAGPAT	-2.70	N	-	-	-0.57	Y
9	GAZIABAD	0.28	Y	-1.04	Y	-0.38	Y
10	GAUTAMBUDHNAGAR	-1.28	Y	-2.48	N	-2.89	N
11	BULANDSHAHAR	-3.16	N	-2.32	Y	0.63	Y
12	ALIGARH	-2.08	Y	0.35	Y	0.71	Y
13	HATHRAS	-0.53	Y	-0.79	Y	-0.43	Y
14	MATHURA	-0.43	Y	-0.70	Y	0.63	Y
15	AGRA	-1.76	Y	-1.38	Y	0.62	Y
16	FIROZABAD	-0.83	Y	-2.49	N	-2.45	N
17	ETAH	-0.83	Y	-2.64	N	-2.44	N
18	MAINPURI	0.00	Y	0.50	Y	-1.37	Y
19	BADAUN	-1.10	Y	-1.41	Y	-1.79	Y
20	BAREILLY	0.57	Y	-	-	-1.03	Y
21	PILIBHIT	0.19	Y	0.79	Y	1.18	Y
22	SHAHJAHANPUR	0.33	Y	-3.07	N	-3.39	N
23	KHERI	-1.98	Y	-2.81	N	-1.28	Y
24	SITAPUR	-2.54	N	1.22	Y	-0.93	Y
25	HARDOI	-	-	-	-	-1.48	Y
26	UNNAO	-4.28	N	-	-	0.29	Y
27	LUCKNOW	-0.91	Y	-0.16	Y	-2.55	N
28	RAIBAREILLY	0.91	Y	0.15	Y	0.24	Y
29	FARRUKHABAD	0.65	Y	0.00	Y	1.23	Y
30	KANNAUJ	-2.64	N	1.25	Y	-3.27	N
31	ETAWAH	-0.85	Y	-2.45	N	0.78	Y
32	AURAIYA	0.71	Y	1.22	Y	0.25	Y
33	KANPUR DEHAT	-0.05	Y	0.58	Y	-	-
34	KANPUR NAGAR	1.79	Y	-1.23	Y	-1.83	Y
35	JALAUN	-2.35	N	-2.01	Y	-1.19	Y
36	JHANSI	-	-	-	-	1.05	Y
37	LALITPUR	0.08	Y	-0.19	Y	0.02	Y
38	HAMIRPUR	0.00	Y	-	-	0.45	Y
39	MAHOBA	0.71	Y	-	-	0.40	Y

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	0.90	Y	1.00	Y	-1.93	Y
41	CHITRAKOOT	-1.13	Y	-1.20	Y	0.29	Y
42	FATEHPUR	0.05	Y	-1.97	Y	1.12	Y
43	PRATAPGARH	-2.55	N	-1.47	Y	0.33	Y
44	KAUSHAMBI	0.53	Y	0.49	Y	-	-
45	ALLAHABAD	-1.39	Y	-0.32	Y	-1.25	Y
46	BARABANKI	-0.32	Y	0.43	Y	-2.91	N
47	FAIZABAD	0.22	Y	-1.57	Y	-1.42	Y
48	AMBEDKARNAGAR	0.24	Y	-	-	-1.10	Y
49	SULTANPUR	-	-	0.43	Y	0.00	Y
50	BAHRAICH	-2.02	Y	-0.67	Y	-1.10	Y
51	SHRAWASTI	-0.82	Y	0.63	Y	-1.00	Y
52	BALRAMPUR	-0.96	Y	1.00	Y	-1.23	Y
53	GONDA	-1.81	Y	-	-	-2.87	N
54	SIDDHARTHNAGAR	-1.14	Y	0.32	Y	-0.05	Y
55	BASTI	2.28	Y	-0.59	Y	-0.42	Y
56	SANTKABIRNAGAR	0.43	Y	-2.12	Y	-2.09	Y
57	MAHARAJGANJ	0.10	Y	-1.82	Y	-4.03	N
58	GORAKHPUR	-1.98	Y	-1.77	Y	-0.26	Y
59	KUSHINAGAR	-0.66	Y	0.49	Y	-1.06	Y
60	DEORIA	0.54	Y	-	-	-1.86	Y
61	AZAMGARH	-0.35	Y	0.00	Y	-1.71	Y
62	MAU	-3.32	N	-1.94	Y	-2.13	Y
63	BALLIA	1.22	Y	0.45	Y	-0.84	Y
64	JAUNPUR	-0.42	Y	-1.53	Y	-2.50	N
65	GAZIPUR	-0.67	Y	-	-	-1.53	Y
66	CHANDAULLI	-1.23	Y	-	-	0.33	Y
67	VARANASI	0.20	Y	-0.16	Y	0.79	Y
68	SANTRAVIDASNAGAR	-0.48	Y	-0.76	Y	-0.51	Y
69	MIRZAPUR	-0.85	Y	-4.22	N	-1.51	Y
70	SONBHADRA	-1.10	Y	0.00	Y	-0.67	Y
71	KANSHIRAM NAGAR	-1.71	Y	-1.97	Y	0.47	Y

Table 4.1.3: District wise result of RUN TEST of GVAPW for pooled sample
Sector: URBAN Ent Type: OAE RUN TEST
$Z_{0.01}$ = - 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	-2.19	Y	-2.29	Y	-2.82	N
2	MUZAFFARNAGAR	-5.10	N	-3.80	N	-4.21	N
3	BIJNOR	-3.99	N	-0.75	Y	-1.28	Y
4	MORADABAD	-3.23	N	-3.51	N	-2.74	N
5	RAMPUR	-0.81	Y	-0.55	Y	1.30	Y
6	JYOTIBAPHULENAGAR	-3.82	N	-4.29	N	-2.37	N
7	MERRUT	-0.74	Y	-0.55	Y	-3.94	N
8	BAGPAT	-1.37	Y	-1.65	Y	-1.17	Y
9	GAZIABAD	-3.55	N	-2.52	N	0.23	Y
10	GAUTAMBUDHNAGAR	-0.81	Y	-0.65	Y	-2.32	Y
11	BULANDSHAHAR	1.02	Y	-2.60	N	-1.90	Y
12	ALIGARH	0.83	Y	-3.81	N	-1.96	Y
13	HATHRAS	-3.53	N	-1.49	Y	-1.62	Y
14	MATHURA	-2.04	Y	-3.02	N	-3.59	N
15	AGRA	-2.44	N	-3.87	N	-2.41	N
16	FIROZABAD	0.68	Y	-4.13	N	0.44	Y
17	ETAH	-3.75	N	-2.90	N	-4.40	N
18	MAINPURI	0.58	Y	-0.56	Y	-3.46	N
19	BADAUN	-1.18	Y	-2.43	N	-0.13	Y
20	BAREILLY	-0.33	Y	-2.40	N	0.16	Y
21	PILIBHIT	-2.05	Y	0.43	Y	0.32	Y
22	SHAHJAHANPUR	-2.44	N	-4.12	N	-2.22	Y
23	KHERI	-2.82	N	0.23	Y	-1.41	Y
24	SITAPUR	0.10	Y	1.00	Y	0.38	Y
25	HARDOI	0.68	Y	-1.44	Y	-0.30	Y
26	UNNAO	-6.39	N	-0.62	Y	-4.08	N
27	LUCKNOW	-2.10	Y	-4.18	N	-7.98	N
28	RAIBAREILLY	-0.87	Y	0.16	Y	-2.63	N
29	FARRUKHABAD	-1.89	Y	-3.42	N	-0.18	Y
30	KANNAUJ	-2.65	N	-5.22	N	-1.24	Y
31	ETAWAH	-0.17	Y	-0.83	Y	0.30	Y
32	AURAIYA	-0.11	Y	-0.70	Y	0.07	Y
33	KANPUR DEHAT	-3.28	N	-0.58	Y	-2.81	N
34	KANPUR NAGAR	-2.78	N	-3.44	N	-2.46	N
35	JALAUN	1.33	Y	-0.85	Y	0.37	Y
36	JHANSI	-1.15	Y	-0.45	Y	0.02	Y
37	LALITPUR	-0.34	Y	-1.03	Y	-0.43	Y
38	HAMIRPUR	-3.90	N	-0.23	Y	-3.81	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
39	MAHOBA	-2.94	N	-2.54	N	-0.64	Y
40	BANDA	-2.89	N	-2.42	N	-3.98	N
41	CHITRAKOOT	-1.45	Y	-2.98	N	-2.36	N
42	FATEHPUR	0.24	Y	0.44	Y	-0.74	Y
43	PRATAPGARH	-0.54	Y	-3.29	N	-3.65	N
44	KAUSHAMBI	-3.14	N	-3.44	N	-4.08	N
45	ALLAHABAD	-1.91	Y	-1.30	Y	-0.79	Y
46	BARABANKI	-1.43	Y	-1.25	Y	-0.08	Y
47	FAIZABAD	0.25	Y	0.72	Y	-0.49	Y
48	AMBEDKARNAGAR	-3.37	N	-5.62	N	-2.28	Y
49	SULTANPUR	-1.33	Y	0.39	Y	-0.51	Y
50	BAHRAICH	-1.66	Y	-1.09	Y	-2.39	N
51	SHRAWASTI	-1.05	Y	-0.63	Y	0.11	Y
52	BALRAMPUR	-2.47	N	-1.22	Y	-1.85	Y
53	GONDA	-1.02	Y	-0.90	Y	-1.66	Y
54	SIDDHARTHNAGAR	0.10	Y	-1.54	Y	-1.43	Y
55	BASTI	-1.50	Y	0.03	Y	0.04	Y
56	SANTKABIRNAGAR	-2.44	N	-1.85	Y	-1.70	Y
57	MAHARAJGANJ	-3.69	N	-0.90	Y	0.44	Y
58	GORAKHPUR	-2.31	Y	-1.22	Y	-0.40	Y
59	KUSHINAGAR	-0.89	Y	0.38	Y	0.99	Y
60	DEORIA	-0.07	Y	-0.19	Y	1.38	Y
61	AZAMGARH	-0.55	Y	-2.04	Y	-0.80	Y
62	MAU	-5.61	N	-4.64	N	-2.21	Y
63	BALLIA	-2.03	Y	-2.67	N	1.48	Y
64	JAUNPUR	-0.83	Y	-1.22	Y	-1.71	Y
65	GAZIPUR	-0.08	Y	0.39	Y	0.58	Y
66	CHANDAULLI	-2.24	Y	-3.30	N	-2.21	Y
67	VARANASI	-1.26	Y	-3.27	N	-0.50	Y
68	SANTRAVIDASNAGAR	-3.30	N	-3.30	N	-1.09	Y
69	MIRZAPUR	-3.16	N	-4.07	N	-2.18	Y
70	SONBHADRA	-2.03	Y	-2.69	N	0.50	Y
71	KANSHIRAM NAGAR	-3.35	N	-0.40	Y	-4.94	N

Table 4.1.4: District wise result of RUN TEST of GVAPW for pooled sample
Sector: URBAN Ent Type: EST RUN TEST
$Z_{0.01}$ = - 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	-0.31	Y	-1.48	Y	-2.39	N
2	MUZAFFARNAGAR	0.96	Y	-0.28	Y	-4.10	N
3	BIJNOR	-2.70	N	-4.66	N	-1.78	Y
4	MORADABAD	-5.14	N	-2.93	N	-0.60	Y
5	RAMPUR	-1.70	Y	0.43	Y	-1.23	Y
6	JYOTIBAPHULENAGAR	-0.91	Y	-3.89	N	-2.67	N
7	MERRUT	-0.47	Y	0.09	Y	-2.02	Y
8	BAGPAT	1.14	Y	0.91	Y	-1.00	Y
9	GAZIABAD	-0.63	Y	0.48	Y	-0.95	Y
10	GAUTAMBUDHNAGAR	-1.37	Y	-2.82	N	-3.48	N
11	BULANDSHAHAR	-1.14	Y	-0.29	Y	-1.07	Y
12	ALIGARH	-0.41	Y	-0.51	Y	-2.55	N
13	HATHRAS	0.14	Y	-2.25	Y	-1.67	Y
14	MATHURA	-0.03	Y	1.40	Y	-1.11	Y
15	AGRA	-3.11	N	-2.13	Y	-0.13	Y
16	FIROZABAD	-2.38	N	0.20	Y	-0.16	Y
17	ETAH	-4.45	N	-5.35	N	-4.77	N
18	MAINPURI	1.96	Y	-0.70	Y	0.22	Y
19	BADAUN	-1.92	Y	-1.73	Y	-1.43	Y
20	BAREILLY	-2.55	N	-0.22	Y	0.05	Y
21	PILIBHIT	-0.52	Y	0.23	Y	-1.56	Y
22	SHAHJAHANPUR	0.66	Y	-4.27	N	-3.07	N
23	KHERI	0.59	Y	-1.89	Y	-3.37	N
24	SITAPUR	-0.61	Y	0.53	Y	-1.17	Y
25	HARDOI	0.44	Y	0.06	Y	0.88	Y
26	UNNAO	-0.54	Y	-1.11	Y	0.50	Y
27	LUCKNOW	-2.51	N	-1.61	Y	-0.86	Y
28	RAIBAREILLY	-0.62	Y	1.89	Y	-0.97	Y
29	FARRUKHABAD	-0.94	Y	-1.00	Y	-0.79	Y
30	KANNAUJ	-0.88	Y	0.32	Y	-	-
31	ETAWAH	0.35	Y	-0.55	Y	0.02	Y
32	AURAIYA	-1.66	Y	-1.66	Y	-1.24	Y
33	KANPUR DEHAT	-	-	0.11	Y	0.25	Y
34	KANPUR NAGAR	-0.83	Y	-1.85	Y	-1.84	Y
35	JALAUN	1.17	Y	-1.60	Y	0.36	Y
36	JHANSI	0.53	Y	-1.35	Y	-0.18	Y
37	LALITPUR	-2.23	Y	0.35	Y	0.96	Y
38	HAMIRPUR	-2.31	Y	-2.59	N	-1.53	Y
39	MAHOBA	-0.92	Y	-0.30	Y	0.34	Y

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	-0.96	Y	-3.39	N	-1.33	Y
41	CHITRAKOOT	-2.18	Y	0.48	Y	-0.29	Y
42	FATEHPUR	0.32	Y	-2.20	Y	-0.22	Y
43	PRATAPGARH	-0.62	Y	-2.06	Y	-3.18	N
44	KAUSHAMBI	0.51	Y	-3.80	N	-	-
45	ALLAHABAD	-1.72	Y	1.74	Y	-0.61	Y
46	BARABANKI	-0.99	Y	-0.36	Y	-1.65	Y
47	FAIZABAD	-1.86	Y	1.22	Y	-0.80	Y
48	AMBEDKARNAGAR	-1.09	Y	-3.58	N	-1.00	Y
49	SULTANPUR	-1.23	Y	-0.41	Y	-2.17	Y
50	BAHRAICH	-1.00	Y	-3.04	N	-1.13	Y
51	SHRAWASTI	-2.10	Y	0.38	Y	-0.81	Y
52	BALRAMPUR	-0.21	Y	-2.40	N	0.48	Y
53	GONDA	0.98	Y	-2.88	N	-0.40	Y
54	SIDDHARTHNAGAR	0.00	Y	1.76	Y	-0.32	Y
55	BASTI	0.00	Y	-0.30	Y	0.61	Y
56	SANTKABIRNAGAR	-	-	0.74	Y	0.63	Y
57	MAHARAJGANJ	-0.58	Y	-2.38	N	-2.70	N
58	GORAKHPUR	-	-	-	-	-0.43	Y
59	KUSHINAGAR	-1.61	Y	-1.76	Y	0.48	Y
60	DEORIA	-0.65	Y	0.43	Y	0.46	Y
61	AZAMGARH	-1.41	Y	-0.50	Y	0.20	Y
62	MAU	-2.03	Y	0.23	Y	0.98	Y
63	BALLIA	-0.55	Y	-1.46	Y	-0.23	Y
64	JAUNPUR	-0.77	Y	-	-	-1.81	Y
65	GAZIPUR	0.14	Y	-1.72	Y	-2.21	Y
66	CHANDAULLI	0.73	Y	-0.30	Y	-0.56	Y
67	VARANASI	1.17	Y	-0.62	Y	-0.20	Y
68	SANTRAVIDASNAGAR	-0.75	Y	0.52	Y	0.27	Y
69	MIRZAPUR	-0.59	Y	-3.94	N	-0.84	Y
70	SONBHADRA	0.80	Y	0.43	Y	-1.00	Y
71	KANSHIRAM NAGAR	-1.59	Y	-2.61	N	-1.54	Y

Table 4.1.5: District wise MEAN TEST of GVAPW for pooled sample
Sector: RURAL Ent Type: OAE MEAN TEST
$Z_{0.005}$= 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	7.66	N	1.61	Y	3.89	N
2	MUZAFFARNAGAR	6.10	N	5.69	N	2.21	Y
3	BIJNOR	5.16	N	0.14	Y	4.73	N
4	MORADABAD	0.83	Y	1.82	Y	2.21	Y
5	RAMPUR	0.39	Y	1.78	Y	3.05	N
6	JYOTIBAPHULENAGAR	6.64	N	2.15	Y	4.00	N
7	MERRUT	2.02	Y	2.96	N	2.25	Y
8	BAGPAT	3.31	N	3.69	N	0.32	Y
9	GAZIABAD	2.31	Y	2.40	Y	0.48	Y
10	GAUTAMBUDHNAGAR	1.55	Y	5.93	N	4.75	N
11	BULANDSHAHAR	1.24	Y	1.26	Y	1.48	Y
12	ALIGARH	3.28	N	0.48	Y	0.94	Y
13	HATHRAS	4.23	N	1.52	Y	0.14	Y
14	MATHURA	1.20	Y	0.82	Y	0.94	Y
15	AGRA	2.07	Y	1.91	Y	2.05	Y
16	FIROZABAD	3.62	N	5.08	N	2.63	N
17	ETAH	2.05	Y	3.16	N	2.88	N
18	MAINPURI	1.53	Y	0.24	Y	2.04	Y
19	BADAUN	0.01	Y	1.32	Y	1.21	Y
20	BAREILLY	2.81	N	2.10	Y	2.57	Y
21	PILIBHIT	5.36	N	0.22	Y	0.20	Y
22	SHAHJAHANPUR	17.90	N	5.37	N	2.22	Y
23	KHERI	9.05	N	0.10	Y	0.68	Y
24	SITAPUR	0.79	Y	0.22	Y	1.17	Y
25	HARDOI	1.13	Y	1.05	Y	1.17	Y
26	UNNAO	9.19	N	3.59	N	2.56	Y
27	LUCKNOW	1.26	Y	3.94	N	2.31	Y
28	RAIBAREILLY	0.52	Y	1.51	Y	1.04	Y
29	FARRUKHABAD	3.43	N	2.08	Y	1.32	Y
30	KANNAUJ	4.93	N	3.08	N	0.62	Y
31	ETAWAH	1.66	Y	3.67	N	1.19	Y
32	AURAIYA	3.21	N	0.02	Y	3.99	N
33	KANPUR DEHAT	3.43	N	0.19	Y	1.51	Y
34	KANPUR NAGAR	4.12	N	2.71	N	3.72	N
35	JALAUN	1.74	Y	0.41	Y	0.60	Y
36	JHANSI	0.08	Y	2.03	Y	0.95	Y
37	LALITPUR	1.60	Y	1.20	Y	1.15	Y
38	HAMIRPUR	7.51	N	0.96	Y	18.35	N
39	MAHOBA	3.03	N	0.48	Y	2.23	Y

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	2.22	Y	3.08	N	2.45	Y
41	CHITRAKOOT	8.14	N	1.50	Y	5.77	N
42	FATEHPUR	0.79	Y	0.20	Y	0.12	Y
43	PRATAPGARH	0.38	Y	1.67	Y	0.21	Y
44	KAUSHAMBI	5.95	N	1.91	Y	2.69	N
45	ALLAHABAD	1.60	Y	4.21	N	0.64	Y
46	BARABANKI	2.48	Y	1.51	Y	1.32	Y
47	FAIZABAD	0.73	Y	1.06	Y	1.16	Y
48	AMBEDKARNAGAR	3.69	N	3.66	N	2.04	Y
49	SULTANPUR	1.29	Y	2.24	Y	0.91	Y
50	BAHRAICH	2.99	N	1.73	Y	17.73	N
51	SHRAWASTI	3.24	N	2.22	Y	1.51	Y
52	BALRAMPUR	1.86	Y	2.42	Y	0.76	Y
53	GONDA	3.35	N	1.99	Y	0.83	Y
54	SIDDHARTHNAGAR	0.32	Y	1.55	Y	1.54	Y
55	BASTI	3.62	N	3.09	N	0.95	Y
56	SANTKABIRNAGAR	3.61	N	1.86	Y	8.74	N
57	MAHARAJGANJ	0.25	Y	4.56	N	0.16	Y
58	GORAKHPUR	0.47	Y	1.38	Y	1.69	Y
59	KUSHINAGAR	1.58	Y	0.53	Y	0.91	Y
60	DEORIA	1.22	Y	2.35	Y	0.16	Y
61	AZAMGARH	2.69	N	3.87	N	1.49	Y
62	MAU	18.43	N	9.50	N	12.45	N
63	BALLIA	0.01	Y	2.80	N	1.40	Y
64	JAUNPUR	1.77	Y	1.67	Y	3.17	N
65	GAZIPUR	0.29	Y	1.18	Y	1.54	Y
66	CHANDAULLI	2.46	Y	0.95	Y	0.49	Y
67	VARANASI	4.08	N	3.06	N	2.64	N
68	SANTRAVIDASNAGAR	0.40	Y	2.49	Y	1.34	Y
69	MIRZAPUR	9.19	N	4.67	N	2.51	Y
70	SONBHADRA	3.04	N	1.06	Y	1.83	Y
71	KANSHIRAM NAGAR	5.75	N	2.00	Y	6.99	N

Table 4.1.6: District wise MEAN TESTof GVAPW for pooled sample
Sector: RURAL Ent Type: EST MEAN TEST
$Z_{0.005}$= 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	7.12	N	0	N	24.84	N
2	MUZAFFARNAGAR	5.16	N	11.11	N	5.07	N
3	BIJNOR	2.59	N	1.72	Y	1.03	Y
4	MORADABAD	2.78	N	0.00	N	1.86	Y
5	RAMPUR	1.67	Y	544.44	N	3.86	N
6	JYOTIBAPHULENAGAR	0.08	Y	4.58	N	1.69	Y
7	MERRUT	1.59	Y	8.87	N	6.41	N
8	BAGPAT	0.87	Y	82.64	N	3.46	N
9	GAZIABAD	2.28	Y	4.07	N	3.84	N
10	GAUTAMBUDHNAGAR	2.28	Y	6.29	N	14.38	N
11	BULANDSHAHAR	8.68	N	3.31	N	0.46	Y
12	ALIGARH	3.52	N	1.49	Y	1.02	Y
13	HATHRAS	1.03	Y	0.98	Y	1.53	Y
14	MATHURA	0.22	Y	0.04	Y	0.37	Y
15	AGRA	1.98	Y	5.02	N	1.21	Y
16	FIROZABAD	8.29	N	20.55	N	140.00	N
17	ETAH	0.72	Y	5.73	N	2.57	Y
18	MAINPURI	829.13	N	1.48	Y	12.92	N
19	BADAUN	0.73	Y	8.38	N	1.78	Y
20	BAREILLY	1.01	Y	15.06	N	8.01	N
21	PILIBHIT	0.15	Y	0.19	Y	0.22	Y
22	SHAHJAHANPUR	5.67	N	6.26	N	3.05	N
23	KHERI	3.12	N	0.37	Y	0.34	Y
24	SITAPUR	1.83	Y	0.48	Y	2.75	N
25	HARDOI	0.00	N	3.86	N	3.47	N
26	UNNAO	7.63	N	46.73	N	3.38	N
27	LUCKNOW	0.12	Y	0.58	Y	4.42	N
28	RAIBAREILLY	0.27	Y	3.43	N	5.70	N
29	FARRUKHABAD	1.37	Y	0.45	Y	3.48	N
30	KANNAUJ	17.47	N	2.44	Y	2.43	Y
31	ETAWAH	2.37	Y	13.62	N	0.02	Y
32	AURAIYA	0.14	Y	1.97	Y	1.32	Y
33	KANPUR DEHAT	3.08	N	32.47	N	2.10	Y
34	KANPUR NAGAR	1.20	Y	1.14	Y	1.53	Y
35	JALAUN	5.48	N	0.53	Y	0.62	Y
36	JHANSI	25.45	N	16.72	N	1.49	Y
37	LALITPUR	0.73	Y	1.29	Y	0.75	Y
38	HAMIRPUR	7.12	N	0.00	N	0.16	Y
39	MAHOBA	1.27	Y	3.03	N	1.93	Y

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	2.48	Y	1.36	Y	6.14	N
41	CHITRAKOOT	0.18	Y	5.08	N	2.24	Y
42	FATEHPUR	1.03	Y	19.10	N	3.68	N
43	PRATAPGARH	2.53	Y	4.12	N	3.25	N
44	KAUSHAMBI	5.46	N	0.30	Y	17.57	N
45	ALLAHABAD	2.76	N	0.41	Y	1.87	Y
46	BARABANKI	0.09	Y	0.43	Y	1.71	Y
47	FAIZABAD	0.33	Y	6.66	N	0.29	Y
48	AMBEDKARNAGAR	2.49	Y	6.36	N	3.95	N
49	SULTANPUR	1.29	Y	1.12	Y	0.18	Y
50	BAHRAICH	3.24	N	1.23	Y	4.01	N
51	SHRAWASTI	0.72	Y	0.36	Y	0.17	Y
52	BALRAMPUR	1.20	Y	0.00	N	1.96	Y
53	GONDA	1.02	Y	3.17	N	0.41	Y
54	SIDDHARTHNAGAR	1.38	Y	1.96	Y	0.46	Y
55	BASTI	6.15	N	0.19	Y	7.04	N
56	SANTKABIRNAGAR	3.76	N	18.40	N	1.12	Y
57	MAHARAJGANJ	3.94	N	0.34	Y	2.29	Y
58	GORAKHPUR	0.59	Y	1.35	Y	1.89	Y
59	KUSHINAGAR	2.98	N	0.26	Y	1.77	Y
60	DEORIA	1.77	Y	3.35	N	0.37	Y
61	AZAMGARH	0.07	Y	0.25	Y	0.54	Y
62	MAU	5.92	N	3.50	N	3.32	N
63	BALLIA	5.13	N	29.53	N	2.51	Y
64	JAUNPUR	0.68	Y	7.15	N	2.97	N
65	GAZIPUR	1.06	Y	2.16	Y	3.00	N
66	CHANDAULLI	1.04	Y	5.38	N	0.68	Y
67	VARANASI	3.46	N	3.95	N	0.26	Y
68	SANTRAVIDASNAGAR	1.37	Y	2.74	N	0.62	Y
69	MIRZAPUR	0.21	Y	0.42	Y	0.62	Y
70	SONBHADRA	4.52	N	2.96	N	6.09	N
71	KANSHIRAM NAGAR	1.25	Y	2.86	N	5.93	N

Table 4.1.7: District wise MEAN TEST of GVAPW for pooled sample
Sector: URBAN Ent Type: OAE MEAN TEST
$Z_{0.005}$= 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	1.10	Y	1.73	Y	2.79	N
2	MUZAFFARNAGAR	2.18	Y	5.80	N	6.41	N
3	BIJNOR	2.56	Y	0.55	Y	1.26	Y
4	MORADABAD	19.01	N	9.47	N	2.32	Y
5	RAMPUR	1.24	Y	2.32	Y	0.77	Y
6	JYOTIBAPHULENAGAR	1.64	Y	5.23	N	3.45	N
7	MERRUT	4.23	N	1.26	Y	1.14	Y
8	BAGPAT	0.70	Y	1.18	Y	0.69	Y
9	GAZIABAD	3.84	N	2.71	N	0.50	Y
10	GAUTAMBUDHNAGAR	8.76	N	1.20	Y	0.07	Y
11	BULANDSHAHAR	3.17	N	3.46	N	2.94	N
12	ALIGARH	0.38	Y	0.76	Y	1.03	Y
13	HATHRAS	0.93	Y	1.64	Y	0.83	Y
14	MATHURA	6.21	N	2.82	N	2.83	N
15	AGRA	4.77	N	1.19	Y	4.29	N
16	FIROZABAD	0.68	Y	5.82	N	1.32	Y
17	ETAH	5.35	N	5.12	N	3.08	N
18	MAINPURI	1.45	Y	2.57	Y	6.22	N
19	BADAUN	0.50	Y	2.50	Y	0.04	Y
20	BAREILLY	20.10	N	3.48	N	1.83	Y
21	PILIBHIT	0.45	Y	0.32	Y	0.33	Y
22	SHAHJAHANPUR	11.26	N	11.23	N	3.63	N
23	KHERI	5.98	N	1.50	Y	7.23	N
24	SITAPUR	0.01	Y	0.15	Y	2.34	Y
25	HARDOI	0.27	Y	0.96	Y	3.72	N
26	UNNAO	7.52	N	2.69	N	10.79	N
27	LUCKNOW	5.43	N	1.50	Y	1.88	Y
28	RAIBAREILLY	0.54	Y	1.28	Y	4.58	N
29	FARRUKHABAD	10.15	N	3.32	N	4.77	N
30	KANNAUJ	4.69	N	4.97	N	1.39	Y
31	ETAWAH	4.91	N	4.00	N	0.97	Y
32	AURAIYA	0.67	Y	0.98	Y	2.26	Y
33	KANPUR DEHAT	0.39	Y	0.45	Y	8.23	N
34	KANPUR NAGAR	0.01	Y	4.70	N	2.66	N
35	JALAUN	1.14	Y	0.32	Y	0.21	Y
36	JHANSI	0.94	Y	3.87	N	2.79	N
37	LALITPUR	4.14	N	1.63	Y	2.39	Y
38	HAMIRPUR	0.98	Y	12.80	N	0.18	Y
39	MAHOBA	1.95	Y	11.48	N	3.63	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	5.33	N	3.29	N	6.13	N
41	CHITRAKOOT	1.92	Y	2.92	N	1.52	Y
42	FATEHPUR	0.79	Y	1.28	Y	0.49	Y
43	PRATAPGARH	0.63	Y	1.80	Y	1.88	Y
44	KAUSHAMBI	2.17	Y	2.55	Y	4.68	N
45	ALLAHABAD	1.78	Y	3.79	N	3.17	N
46	BARABANKI	0.28	Y	1.53	Y	0.23	Y
47	FAIZABAD	1.97	Y	1.06	Y	1.14	Y
48	AMBEDKARNAGAR	3.83	N	5.33	N	1.66	Y
49	SULTANPUR	1.25	Y	5.90	N	0.06	Y
50	BAHRAICH	1.83	Y	2.14	Y	1.98	Y
51	SHRAWASTI	1.02	Y	1.75	Y	1.24	Y
52	BALRAMPUR	5.96	N	0.50	Y	3.17	N
53	GONDA	1.10	Y	7.14	N	3.88	N
54	SIDDHARTHNAGAR	0.66	Y	0.65	Y	0.42	Y
55	BASTI	3.48	N	2.00	Y	0.50	Y
56	SANTKABIRNAGAR	7.41	N	1.61	Y	8.61	N
57	MAHARAJGANJ	1.84	Y	1.92	Y	0.29	Y
58	GORAKHPUR	2.15	Y	1.84	Y	2.28	Y
59	KUSHINAGAR	0.53	Y	1.92	Y	1.44	Y
60	DEORIA	0.23	Y	0.32	Y	1.36	Y
61	AZAMGARH	0.30	Y	1.44	Y	1.52	Y
62	MAU	10.15	N	3.96	N	0.78	Y
63	BALLIA	2.71	N	10.86	N	0.78	Y
64	JAUNPUR	1.63	Y	5.88	N	1.22	Y
65	GAZIPUR	0.91	Y	0.84	Y	0.57	Y
66	CHANDAULLI	3.23	N	3.81	N	4.98	N
67	VARANASI	3.41	N	2.07	Y	3.96	N
68	SANTRAVIDASNAGAR	66.67	N	4.40	N	2.81	N
69	MIRZAPUR	3.94	N	8.59	N	1.32	Y
70	SONBHADRA	2.14	Y	9.27	N	0.15	Y
71	KANSHIRAM NAGAR	4.30	N	1.75	Y	2.34	Y

Table 4.1.8: District wise MEAN TEST of GVAPW for pooled sample
Sector: URBAN Ent Type: EST MEAN TEST
$Z_{0.005}$= 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	0.73	Y	12.13	N	17.86	N
2	MUZAFFARNAGAR	2.08	Y	4.58	N	2.10	Y
3	BIJNOR	0.57	Y	20.61	N	1.03	Y
4	MORADABAD	9.02	N	2.78	N	0.71	Y
5	RAMPUR	0.26	Y	192.69	N	2.17	Y
6	JYOTIBAPHULENAGAR	2.53	Y	1.45	Y	0.86	Y
7	MERRUT	1.74	Y	1.53	Y	2.24	Y
8	BAGPAT	1.63	Y	0.10	Y	0.29	Y
9	GAZIABAD	1.20	Y	1.59	Y	2.58	N
10	GAUTAMBUDHNAGAR	5.94	N	13.27	N	2.21	Y
11	BULANDSHAHAR	0.90	Y	0.98	Y	1.52	Y
12	ALIGARH	8.28	N	1.54	Y	2.76	N
13	HATHRAS	8.49	N	1.37	Y	1.66	Y
14	MATHURA	1.91	Y	6.20	N	0.48	Y
15	AGRA	3.41	N	2.66	N	2.09	Y
16	FIROZABAD	10.32	N	0.59	Y	0.86	Y
17	ETAH	9.90	N	8.76	N	4.53	N
18	MAINPURI	0.41	Y	11.83	N	1.51	Y
19	BADAUN	0.58	Y	2.10	Y	1.82	Y
20	BAREILLY	1.02	Y	8.62	N	3.46	N
21	PILIBHIT	1.06	Y	2.57	Y	1.52	Y
22	SHAHJAHANPUR	0.42	Y	60.41	N	2.79	N
23	KHERI	0.59	Y	0.65	Y	0.14	Y
24	SITAPUR	1.61	Y	0.59	Y	0.47	Y
25	HARDOI	4.92	N	0.87	Y	0.62	Y
26	UNNAO	2.77	N	2.24	Y	0.41	Y
27	LUCKNOW	0.52	Y	2.20	Y	3.01	N
28	RAIBAREILLY	2.24	Y	3.66	N	1.45	Y
29	FARRUKHABAD	0.85	Y	2.54	Y	1.73	Y
30	KANNAUJ	1.36	Y	6.99	N	7.49	N
31	ETAWAH	1.15	Y	1.21	Y	0.52	Y
32	AURAIYA	2.18	Y	1.03	Y	0.21	Y
33	KANPUR DEHAT	25.84	N	1.28	Y	1.30	Y
34	KANPUR NAGAR	5.54	N	2.53	Y	0.43	Y
35	JALAUN	3.86	N	0.50	Y	1.41	Y
36	JHANSI	1.15	Y	1.74	Y	1.77	Y
37	LALITPUR	3.60	N	1.18	Y	0.57	Y
38	HAMIRPUR	0.05	Y	17.28	N	1.14	Y
39	MAHOBA	3.68	N	0.18	Y	12.24	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	2.02	Y	4.51	N	1.45	Y
41	CHITRAKOOT	3.72	N	0.18	Y	4.19	N
42	FATEHPUR	1.62	Y	2.50	Y	2.89	N
43	PRATAPGARH	2.61	N	3.77	N	4.61	N
44	KAUSHAMBI	3.42	N	11.69	N	14.99	N
45	ALLAHABAD	1.71	Y	6.36	N	1.05	Y
46	BARABANKI	2.11	Y	3.06	N	2.82	N
47	FAIZABAD	2.61	N	1.08	Y	1.31	Y
48	AMBEDKARNAGAR	2.83	N	1.45	Y	0.58	Y
49	SULTANPUR	1.05	Y	5.53	N	1.53	Y
50	BAHRAICH	1.22	Y	4.58	N	1.65	Y
51	SHRAWASTI	3.25	N	1.11	Y	3.97	N
52	BALRAMPUR	0.67	Y	0.44	Y	3.13	N
53	GONDA	1.79	Y	8.13	N	2.77	N
54	SIDDHARTHNAGAR	4.65	N	1.38	Y	1.64	Y
55	BASTI	1.49	Y	38.54	N	0.34	Y
56	SANTKABIRNAGAR	6.54	N	0.47	Y	24.81	N
57	MAHARAJGANJ	0.69	Y	0.48	Y	2.11	Y
58	GORAKHPUR	9.89	N	4.38	N	0.85	Y
59	KUSHINAGAR	1.23	Y	0.19	Y	0.61	Y
60	DEORIA	0.38	Y	0.57	Y	0.65	Y
61	AZAMGARH	2.64	N	1.66	Y	0.55	Y
62	MAU	42.84	N	43.95	N	0.37	Y
63	BALLIA	3.42	N	0.05	Y	6.88	N
64	JAUNPUR	0.17	Y	15.97	N	0.67	Y
65	GAZIPUR	0.58	Y	7.95	N	2.96	N
66	CHANDAULLI	2.23	Y	0.61	Y	1.05	Y
67	VARANASI	1.73	Y	5.52	N	1.90	Y
68	SANTRAVIDASNAGAR	0.10	Y	2.03	Y	2.09	Y
69	MIRZAPUR	2.37	Y	4.26	N	0.21	Y
70	SONBHADRA	0.16	Y	3.08	N	2.92	N
71	KANSHIRAM NAGAR	5.73	N	4.10	N	1.29	Y

Table 4.1.9: District wise result of RUN TEST of GVAPE for pooled sample
Sector: RURAL Ent Type: OAE RUN TEST
$Z_{0.01}$ = - 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	-1.98	N	-2.46	Y	-4.88	Y
2	MUZAFFARNAGAR	-3.83	Y	-4.34	Y	-4.07	Y
3	BIJNOR	-1.00	N	-1.26	N	-2.37	Y
4	MORADABAD	-0.73	N	-1.58	N	-3.49	Y
5	RAMPUR	0.31	N	-0.08	N	-0.12	N
6	JYOTIBAPHULENAGAR	-3.74	Y	-2.02	N	-0.96	N
7	MERRUT	-0.22	N	-1.54	N	-0.03	N
8	BAGPAT	-0.04	N	-2.26	N	0.49	N
9	GAZIABAD	-2.23	N	-0.42	N	-0.29	N
10	GAUTAMBUDHNAGAR	-1.10	N	-4.65	Y	-2.79	Y
11	BULANDSHAHAR	-1.45	N	0.64	N	-2.35	Y
12	ALIGARH	-1.89	N	-0.36	N	0.03	N
13	HATHRAS	1.17	N	-1.11	N	0.38	N
14	MATHURA	-0.05	N	-0.63	N	-1.99	N
15	AGRA	-0.34	N	-2.18	N	-0.52	N
16	FIROZABAD	-1.72	N	-1.59	N	-0.67	N
17	ETAH	-3.15	Y	-2.75	Y	1.17	N
18	MAINPURI	-1.03	N	-1.07	N	-1.37	N
19	BADAUN	-1.85	N	0.00	N	-1.35	N
20	BAREILLY	-2.25	N	-2.50	Y	-0.67	N
21	PILIBHIT	-3.01	Y	-0.78	N	-1.07	N
22	SHAHJAHANPUR	-3.56	Y	-3.40	Y	0.31	N
23	KHERI	-0.14	N	-4.37	Y	-3.76	Y
24	SITAPUR	-1.28	N	0.35	N	-1.72	N
25	HARDOI	0.00	N	-1.13	N	0.89	N
26	UNNAO	-3.60	Y	-0.71	N	-0.42	N
27	LUCKNOW	-1.03	N	-1.20	N	-1.42	N
28	RAIBAREILLY	0.46	N	-0.26	N	-1.35	N
29	FARRUKHABAD	-5.46	Y	-6.84	Y	-2.51	Y
30	KANNAUJ	-0.06	N	-5.12	Y	-1.53	N
31	ETAWAH	-2.58	Y	-1.43	N	-1.46	N
32	AURAIYA	-0.25	N	-2.10	N	-1.74	N
33	KANPUR DEHAT	-1.20	N	-0.75	N	-0.45	N
34	KANPUR NAGAR	-2.20	N	-3.80	Y	-4.71	Y
35	JALAUN	-0.53	N	-0.34	N	-1.01	N
36	JHANSI	-0.41	N	0.00	N	-0.89	N
37	LALITPUR	-1.77	N	-3.32	Y	0.57	N
38	HAMIRPUR	-1.42	N	-2.52	Y	-7.47	Y
39	MAHOBA	-1.76	N	-2.75	Y	-2.43	Y

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	-5.19	Y	-4.44	Y	-5.05	Y
41	CHITRAKOOT	-2.22	N	-3.79	Y	-1.14	N
42	FATEHPUR	0.03	N	-1.13	N	-0.09	N
43	PRATAPGARH	-0.88	N	-1.84	N	-0.99	N
44	KAUSHAMBI	-5.12	Y	-3.37	Y	-3.74	Y
45	ALLAHABAD	-2.00	N	-2.46	Y	-0.37	N
46	BARABANKI	-1.45	N	-1.19	N	-1.15	N
47	FAIZABAD	-2.57	Y	-0.40	N	-2.28	N
48	AMBEDKARNAGAR	-3.85	Y	-3.69	Y	-4.25	Y
49	SULTANPUR	-1.79	N	-1.16	N	1.00	N
50	BAHRAICH	-3.11	Y	-4.14	Y	-5.04	Y
51	SHRAWASTI	0.38	N	-0.72	N	-0.31	N
52	BALRAMPUR	-2.27	N	-4.01	Y	-5.39	Y
53	GONDA	-0.64	N	-2.88	Y	-0.01	N
54	SIDDHARTHNAGAR	-1.53	N	0.55	N	-0.58	N
55	BASTI	-0.02	N	-2.96	Y	-0.26	N
56	SANTKABIRNAGAR	-2.70	Y	-3.08	Y	-4.74	Y
57	MAHARAJGANJ	-1.76	N	-0.89	N	-0.74	N
58	GORAKHPUR	-0.16	N	-1.63	N	-2.51	Y
59	KUSHINAGAR	-2.76	Y	-2.16	N	-1.37	N
60	DEORIA	-2.89	Y	-2.34	Y	-0.64	N
61	AZAMGARH	-1.56	N	-1.72	N	-1.14	N
62	MAU	-7.80	Y	-6.02	Y	-6.50	Y
63	BALLIA	-0.33	N	-1.75	N	-1.71	N
64	JAUNPUR	-4.27	Y	-2.03	N	-4.00	Y
65	GAZIPUR	-0.82	N	-0.75	N	-2.99	Y
66	CHANDAULLI	-0.68	N	-1.32	N	-1.48	N
67	VARANASI	-1.99	N	-0.13	N	1.42	N
68	SANTRAVIDASNAGAR	-3.29	Y	-1.29	N	-3.03	Y
69	MIRZAPUR	-5.46	Y	-4.61	Y	-3.27	Y
70	SONBHADRA	-1.24	N	-2.06	N	-2.08	N
71	KANSHIRAM NAGAR	-5.27	Y	-1.61	N	-1.99	N

Table 4.1.10: District wise result of RUN TEST of GVAPE for pooled sample
Sector: RURAL Ent Type: EST RUN TEST
$Z_{0.01}$ = - 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	-1.30	N	-	-	0.47	N
2	MUZAFFARNAGAR	-1.57	N	-	-	0.62	N
3	BIJNOR	-1.57	N	-0.56	N	-1.57	N
4	MORADABAD	-2.09	N	-1.22	N	-0.67	N
5	RAMPUR	-0.79	N	-1.00	N	-2.49	Y
6	JYOTIBAPHULENAGAR	-0.47	N	-2.64	Y	-2.16	N
7	MERRUT	-1.19	N	0.91	N	-0.32	N
8	BAGPAT	-6.77	Y	-	-	-0.57	N
9	GAZIABAD	-1.48	N	-2.49	Y	-1.19	N
10	GAUTAMBUDHNAGAR	-2.04	N	-0.84	N	-3.40	Y
11	BULANDSHAHAR	0.32	N	0.99	N	0.63	N
12	ALIGARH	-4.01	Y	-2.83	Y	-1.41	N
13	HATHRAS	-0.88	N	-1.33	N	-0.85	N
14	MATHURA	1.10	N	1.05	N	-0.49	N
15	AGRA	-1.76	N	-1.38	N	0.62	N
16	FIROZABAD	-2.50	Y	-2.49	Y	0.41	N
17	ETAH	0.54	N	-2.64	Y	-2.44	Y
18	MAINPURI	0.00	N	0.50	N	-0.75	N
19	BADAUN	-1.80	N	-1.41	N	0.71	N
20	BAREILLY	-1.08	N	-	-	-1.03	N
21	PILIBHIT	-0.23	N	0.79	N	-1.20	N
22	SHAHJAHANPUR	0.33	N	-3.07	Y	-1.60	N
23	KHERI	-1.24	N	-2.81	Y	-2.77	Y
24	SITAPUR	0.99	N	-0.91	N	1.46	N
25	HARDOI	-	-	-	-	0.84	N
26	UNNAO	-1.55	N	-	-	0.29	N
27	LUCKNOW	0.02	N	-0.16	N	-0.98	N
28	RAIBAREILLY	0.44	N	-1.97	N	1.90	N
29	FARRUKHABAD	-0.98	N	0.91	N	-0.97	N
30	KANNAUJ	-2.64	Y	-1.25	N	-2.62	Y
31	ETAWAH	-2.02	N	-2.45	Y	-1.00	N
32	AURAIYA	0.71	N	1.22	N	0.25	N
33	KANPUR DEHAT	-3.80	Y	-1.73	N	-	-
34	KANPUR NAGAR	0.68	N	-2.35	Y	1.56	N
35	JALAUN	-0.11	N	-1.31	N	-0.29	N
36	JHANSI	-	-	-	-	1.05	N
37	LALITPUR	2.12	N	0.60	N	-0.31	N
38	HAMIRPUR	-2.45	Y	-	-	0.45	N
39	MAHOBA	0.71	N	-	-	0.40	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	0.90	N	1.00	N	-1.93	N
41	CHITRAKOOT	-1.13	N	-1.20	N	0.29	N
42	FATEHPUR	-1.38	N	-1.97	N	-0.46	N
43	PRATAPGARH	-0.61	N	-1.47	N	-1.72	N
44	KAUSHAMBI	0.53	N	1.33	N	-	-
45	ALLAHABAD	-0.12	N	-0.32	N	0.94	N
46	BARABANKI	-0.82	N	1.40	N	-1.33	N
47	FAIZABAD	0.48	N	-0.87	N	-0.91	N
48	AMBEDKARNAGAR	0.24	N	-	-	0.49	N
49	SULTANPUR	-	-	-2.35	Y	0.92	N
50	BAHRAICH	1.48	N	-0.67	N	-2.07	N
51	SHRAWASTI	-0.82	N	0.63	N	0.54	N
52	BALRAMPUR	0.50	N	-1.00	N	-0.67	N
53	GONDA	0.75	N	-	-	0.14	N
54	SIDDHARTHNAGAR	-0.41	N	0.32	N	-1.27	N
55	BASTI	-1.82	N	-0.13	N	-0.42	N
56	SANTKABIRNAGAR	0.43	N	-2.12	N	0.91	N
57	MAHARAJGANJ	-2.78	Y	0.23	N	-4.03	Y
58	GORAKHPUR	-0.09	N	-0.32	N	0.77	N
59	KUSHINAGAR	0.10	N	-1.21	N	-1.06	N
60	DEORIA	0.54	N	-	-	-0.27	N
61	AZAMGARH	-1.84	N	-1.10	N	-0.85	N
62	MAU	-1.80	N	-0.71	N	-2.13	N
63	BALLIA	0.08	N	0.45	N	1.80	N
64	JAUNPUR	-1.32	N	-1.53	N	-0.56	N
65	GAZIPUR	-0.67	N	-	-	0.68	N
66	CHANDAULLI	-2.09	N	-	-	0.33	N
67	VARANASI	-0.18	N	1.47	N	-1.31	N
68	SANTRAVIDASNAGAR	-1.11	N	-0.76	N	1.38	N
69	MIRZAPUR	1.55	N	-3.37	Y	-0.47	N
70	SONBHADRA	0.17	N	1.10	N	1.29	N
71	KANSHIRAM NAGAR	-1.71	N	-1.97	N	0.47	N

Table 4.1.11: District wise result of RUN TEST of GVAPE for pooled sample
Sector: URBAN Ent Type: OAE RUN TEST
$Z_{0.01}$ = - 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	-1.09	N	-1.46	N	-1.44	N
2	MUZAFFARNAGAR	-3.18	Y	-4.02	Y	-3.12	Y
3	BIJNOR	-2.01	N	-0.11	N	-1.28	N
4	MORADABAD	-0.46	N	-3.51	Y	-3.15	Y
5	RAMPUR	0.09	N	-0.32	N	0.65	N
6	JYOTIBAPHULENAGAR	-2.95	Y	-4.29	Y	-2.81	Y
7	MERRUT	-0.97	N	-1.19	N	-4.72	Y
8	BAGPAT	-1.37	N	-0.30	N	-2.56	Y
9	GAZIABAD	-2.83	Y	-1.26	N	0.38	N
10	GAUTAMBUDHNAGAR	-0.81	N	-1.48	N	-2.02	N
11	BULANDSHAHAR	-0.98	N	-4.34	Y	-1.90	N
12	ALIGARH	-0.57	N	-2.52	Y	-1.53	N
13	HATHRAS	-1.70	N	-1.49	N	-2.02	N
14	MATHURA	-3.85	Y	-4.58	Y	-1.47	N
15	AGRA	-0.47	N	-2.91	Y	-0.65	N
16	FIROZABAD	-1.32	N	-2.75	Y	-0.26	N
17	ETAH	-2.72	Y	-1.58	N	-4.82	Y
18	MAINPURI	-1.02	N	-1.02	N	-3.46	Y
19	BADAUN	-1.76	N	-2.21	N	-1.58	N
20	BAREILLY	-1.23	N	-2.81	Y	-0.47	N
21	PILIBHIT	-1.56	N	-0.87	N	0.52	N
22	SHAHJAHANPUR	-1.32	N	-2.24	N	-1.92	N
23	KHERI	-1.24	N	-0.66	N	-2.41	Y
24	SITAPUR	-0.49	N	0.55	N	0.84	N
25	HARDOI	-0.11	N	0.73	N	-0.74	N
26	UNNAO	-5.95	Y	-0.41	N	-3.20	Y
27	LUCKNOW	-1.13	N	-3.48	Y	-5.58	Y
28	RAIBAREILLY	0.60	N	-0.26	N	-1.16	N
29	FARRUKHABAD	-2.48	Y	-3.88	Y	-2.50	Y
30	KANNAUJ	-1.69	N	-4.60	Y	-3.65	Y
31	ETAWAH	-1.16	N	-0.37	N	-0.28	N
32	AURAIYA	0.32	N	-1.52	N	-0.34	N
33	KANPUR DEHAT	-1.71	N	-1.73	N	-2.10	N
34	KANPUR NAGAR	-2.78	Y	-2.60	Y	-3.71	Y
35	JALAUN	-0.10	N	0.22	N	-0.53	N
36	JHANSI	-0.56	N	-1.33	N	-1.33	N
37	LALITPUR	0.13	N	-1.03	N	-0.86	N
38	HAMIRPUR	-4.52	Y	-0.66	N	-4.41	Y
39	MAHOBA	-1.89	N	-2.12	N	0.30	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	-2.89	Y	-1.79	N	-3.05	Y
41	CHITRAKOOT	1.49	N	-2.06	N	-0.34	N
42	FATEHPUR	-0.82	N	-1.78	N	-0.96	N
43	PRATAPGARH	-0.29	N	-3.29	Y	-2.03	N
44	KAUSHAMBI	-4.00	Y	-3.02	Y	-4.91	Y
45	ALLAHABAD	-1.91	N	0.22	N	-2.67	Y
46	BARABANKI	-0.97	N	-0.39	N	0.58	N
47	FAIZABAD	0.25	N	0.31	N	-0.08	N
48	AMBEDKARNAGAR	-3.37	Y	-5.19	Y	-3.64	Y
49	SULTANPUR	-0.09	N	-0.54	N	-1.38	N
50	BAHRAICH	-3.25	Y	-1.91	N	-4.04	Y
51	SHRAWASTI	0.65	N	-0.63	N	1.81	N
52	BALRAMPUR	-4.03	Y	-0.38	N	-4.03	Y
53	GONDA	-1.85	N	-1.73	N	-2.09	N
54	SIDDHARTHNAGAR	-0.49	N	0.02	N	-1.43	N
55	BASTI	-0.86	N	-0.93	N	0.94	N
56	SANTKABIRNAGAR	-2.11	N	-0.21	N	-2.30	N
57	MAHARAJGANJ	-2.12	N	-0.44	N	-0.40	N
58	GORAKHPUR	-1.77	N	-2.22	N	0.96	N
59	KUSHINAGAR	1.05	N	1.74	N	-1.03	N
60	DEORIA	1.11	N	0.44	N	0.49	N
61	AZAMGARH	-2.08	N	-1.36	N	0.08	N
62	MAU	-6.08	Y	-3.34	Y	-1.76	N
63	BALLIA	0.89	N	-2.67	Y	0.44	N
64	JAUNPUR	-0.83	N	-0.77	N	-1.71	N
65	GAZIPUR	0.84	N	-2.24	N	-0.76	N
66	CHANDAULLI	-2.24	N	-2.88	Y	-1.79	N
67	VARANASI	-2.61	Y	-2.40	Y	0.09	N
68	SANTRAVIDASNAGAR	-2.82	Y	-3.08	Y	-0.64	N
69	MIRZAPUR	-1.36	N	-3.23	Y	-1.15	N
70	SONBHADRA	-0.35	N	-0.28	N	0.01	N
71	KANSHIRAM NAGAR	-3.35	Y	-0.17	N	-3.21	Y

Table 4.1.12: District wise result of RUN TEST of GVAPE for pooled sample
Sector: URBAN Ent Type: EST RUN TEST
$Z_{0.01}$ = - 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)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	-0.31	N	1.11	N	-1.77	N
2	MUZAFFARNAGAR	0.39	N	-1.94	N	-0.28	N
3	BIJNOR	-2.70	Y	-4.66	Y	-1.14	N
4	MORADABAD	-5.78	Y	-2.93	Y	-1.93	N
5	RAMPUR	-0.57	N	-1.52	N	-0.34	N
6	JYOTIBAPHULENAGAR	-0.16	N	-3.89	Y	-2.05	N
7	MERRUT	0.95	N	-2.40	Y	1.20	N
8	BAGPAT	-0.09	N	-0.12	N	0.30	N
9	GAZIABAD	0.67	N	-0.80	N	0.24	N
10	GAUTAMBUDHNAGAR	-1.67	N	-2.49	Y	-2.20	N
11	BULANDSHAHAR	0.46	N	-1.60	N	0.51	N
12	ALIGARH	-2.15	N	-1.66	N	0.10	N
13	HATHRAS	0.88	N	-1.32	N	-1.67	N
14	MATHURA	0.57	N	-1.71	N	0.85	N
15	AGRA	-1.66	N	-2.35	Y	-0.52	N
16	FIROZABAD	-0.35	N	-0.41	N	-0.16	N
17	ETAH	-3.25	Y	-4.21	Y	-3.59	Y
18	MAINPURI	0.70	N	1.47	N	0.22	N
19	BADAUN	-0.29	N	-1.73	N	0.24	N
20	BAREILLY	-0.29	N	-1.69	N	-2.12	N
21	PILIBHIT	1.51	N	0.55	N	0.00	N
22	SHAHJAHANPUR	0.66	N	-4.27	Y	-1.93	N
23	KHERI	-0.24	N	0.15	N	0.01	N
24	SITAPUR	0.64	N	0.53	N	0.15	N
25	HARDOI	0.44	N	-0.89	N	0.54	N
26	UNNAO	-0.98	N	-0.21	N	0.50	N
27	LUCKNOW	-1.92	N	-0.73	N	-0.98	N
28	RAIBAREILLY	0.08	N	-0.35	N	-0.40	N
29	FARRUKHABAD	0.43	N	-1.00	N	0.10	N
30	KANNAUJ	-1.78	N	1.70	N	-	-
31	ETAWAH	-0.31	N	-0.55	N	-0.97	N
32	AURAIYA	-0.80	N	-0.28	N	-2.18	N
33	KANPUR DEHAT	-	-	-0.78	N	-4.06	Y
34	KANPUR NAGAR	0.01	N	-2.73	Y	-0.43	N
35	JALAUN	0.55	N	-0.99	N	-1.08	N
36	JHANSI	-0.42	N	1.06	N	-1.12	N
37	LALITPUR	-1.49	N	-0.97	N	-1.44	N
38	HAMIRPUR	-0.57	N	-3.60	Y	-1.05	N
39	MAHOBA	0.00	N	-0.30	N	0.34	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	-0.96	N	-2.26	N	-1.33	N
41	CHITRAKOOT	-1.31	N	0.48	N	-1.72	N
42	FATEHPUR	0.32	N	-1.43	N	-2.43	Y
43	PRATAPGARH	-0.17	N	-3.54	Y	-2.01	N
44	KAUSHAMBI	-1.35	N	-1.92	N	-	-
45	ALLAHABAD	-0.88	N	-0.15	N	-0.61	N
46	BARABANKI	0.62	N	-0.36	N	-3.95	Y
47	FAIZABAD	-0.41	N	0.05	N	2.08	N
48	AMBEDKARNAGAR	-1.09	N	-2.36	Y	-1.00	N
49	SULTANPUR	-0.88	N	-0.41	N	-0.91	N
50	BAHRAICH	-0.32	N	-1.10	N	-0.75	N
51	SHRAWASTI	0.27	N	-0.46	N	-0.50	N
52	BALRAMPUR	0.74	N	-3.77	Y	-2.55	Y
53	GONDA	-0.49	N	-0.32	N	-2.07	N
54	SIDDHARTHNAGAR	0.00	N	-1.34	N	-1.32	N
55	BASTI	1.13	N	0.33	N	-0.05	N
56	SANTKABIRNAGAR	-	-	0.74	N	0.63	N
57	MAHARAJGANJ	-2.88	Y	-0.84	N	0.22	N
58	GORAKHPUR	-	-	-	-	0.47	N
59	KUSHINAGAR	-0.47	N	-1.22	N	0.15	N
60	DEORIA	1.80	N	0.43	N	0.82	N
61	AZAMGARH	-2.09	N	0.18	N	-0.94	N
62	MAU	-2.77	Y	-2.48	Y	-0.04	N
63	BALLIA	-1.10	N	-1.46	N	1.23	N
64	JAUNPUR	-0.77	N	-	-	-0.54	N
65	GAZIPUR	-0.56	N	-2.60	Y	-0.13	N
66	CHANDAULLI	-1.15	N	-0.30	N	-0.56	N
67	VARANASI	0.79	N	-0.62	N	2.87	N
68	SANTRAVIDASNAGAR	0.86	N	-0.52	N	-1.15	N
69	MIRZAPUR	0.83	N	-1.47	N	-1.72	N
70	SONBHADRA	-0.88	N	-0.43	N	-1.44	N
71	KANSHIRAM NAGAR	1.87	N	-2.61	Y	-3.84	Y

Table 4.1.13: District wise result of MEAN TEST of GVAPE for pooled sample
Sector: RURAL Ent Type: OAE MEAN TEST
$Z_{0.005}$ = 2.575 [one sided test] reject if z-value > $Z_{0.005}$

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	4.30	N	1.75	Y	3.52	N
2	MUZAFFARNAGAR	3.26	N	3.38	N	1.68	Y
3	BIJNOR	4.14	N	1.05	Y	2.97	N
4	MORADABAD	1.41	Y	1.91	Y	1.71	Y
5	RAMPUR	2.41	Y	0.49	Y	1.99	Y
6	JYOTIBAPHULENAGAR	4.25	N	2.39	Y	2.87	N
7	MERRUT	1.04	Y	7.49	N	0.78	Y
8	BAGPAT	1.05	Y	2.17	Y	0.26	Y
9	GAZIABAD	1.55	Y	0.25	Y	0.90	Y
10	GAUTAMBUDHNAGAR	1.78	Y	6.39	N	3.71	N
11	BULANDSHAHAR	0.30	Y	1.28	Y	0.61	Y
12	ALIGARH	0.47	Y	3.19	N	2.53	Y
13	HATHRAS	0.74	Y	1.00	Y	0.52	Y
14	MATHURA	1.89	Y	0.11	Y	0.22	Y
15	AGRA	1.04	Y	1.28	Y	1.40	Y
16	FIROZABAD	5.15	N	2.65	N	2.48	Y
17	ETAH	3.94	N	1.53	Y	1.34	Y
18	MAINPURI	1.28	Y	0.79	Y	4.59	N
19	BADAUN	0.51	Y	0.95	Y	1.04	Y
20	BAREILLY	1.15	Y	1.26	Y	0.21	Y
21	PILIBHIT	3.77	N	0.43	Y	0.02	Y
22	SHAHJAHANPUR	2.60	N	4.60	N	1.76	Y
23	KHERI	2.70	N	1.89	Y	2.70	N
24	SITAPUR	1.35	Y	1.03	Y	0.37	Y
25	HARDOI	1.57	Y	0.78	Y	1.63	Y
26	UNNAO	3.10	N	2.10	Y	1.23	Y
27	LUCKNOW	1.24	Y	3.53	N	2.72	N
28	RAIBAREILLY	0.96	Y	1.68	Y	0.04	Y
29	FARRUKHABAD	7.03	N	4.53	N	1.85	Y
30	KANNAUJ	7.66	N	4.42	N	1.13	Y
31	ETAWAH	3.49	N	3.93	N	1.82	Y
32	AURAIYA	1.37	Y	0.28	Y	0.40	Y
33	KANPUR DEHAT	3.27	N	0.61	Y	1.06	Y
34	KANPUR NAGAR	5.24	N	2.11	Y	4.69	N
35	JALAUN	0.72	Y	0.07	Y	0.52	Y
36	JHANSI	0.49	Y	1.40	Y	0.59	Y
37	LALITPUR	0.06	Y	1.15	Y	1.18	Y
38	HAMIRPUR	5.69	N	0.82	Y	12.72	N
39	MAHOBA	1.89	Y	0.00	Y	0.96	Y

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	1.95	Y	3.42	N	1.92	Y
41	CHITRAKOOT	0.91	Y	1.16	Y	3.24	N
42	FATEHPUR	1.08	Y	0.31	Y	0.36	Y
43	PRATAPGARH	0.98	Y	0.86	Y	0.08	Y
44	KAUSHAMBI	7.70	N	2.26	Y	2.31	Y
45	ALLAHABAD	1.90	Y	3.20	N	0.81	Y
46	BARABANKI	1.01	Y	0.14	Y	1.65	Y
47	FAIZABAD	0.70	Y	1.17	Y	0.80	Y
48	AMBEDKARNAGAR	3.23	N	2.29	Y	2.16	Y
49	SULTANPUR	1.75	Y	2.22	Y	1.14	Y
50	BAHRAICH	3.03	N	1.76	Y	9.79	N
51	SHRAWASTI	1.24	Y	1.00	Y	1.46	Y
52	BALRAMPUR	3.15	N	1.86	Y	3.40	N
53	GONDA	1.92	Y	1.52	Y	0.63	Y
54	SIDDHARTHNAGAR	0.78	Y	2.46	Y	1.04	Y
55	BASTI	3.73	N	3.96	N	1.29	Y
56	SANTKABIRNAGAR	4.21	N	1.12	Y	4.76	N
57	MAHARAJGANJ	0.27	Y	2.19	Y	0.47	Y
58	GORAKHPUR	0.68	Y	1.16	Y	4.05	N
59	KUSHINAGAR	0.89	Y	1.13	Y	1.29	Y
60	DEORIA	2.18	Y	1.67	Y	0.92	Y
61	AZAMGARH	1.34	Y	2.78	N	1.39	Y
62	MAU	12.17	N	7.52	N	7.17	N
63	BALLIA	0.29	Y	3.08	N	0.25	Y
64	JAUNPUR	2.28	Y	2.37	Y	2.67	N
65	GAZIPUR	1.72	Y	0.35	Y	0.93	Y
66	CHANDAULLI	2.63	N	0.15	Y	0.11	Y
67	VARANASI	3.87	N	2.74	N	2.31	Y
68	SANTRAVIDASNAGAR	0.15	Y	1.72	Y	0.93	Y
69	MIRZAPUR	6.93	N	3.32	N	1.16	Y
70	SONBHADRA	3.22	N	0.89	Y	1.53	Y
71	KANSHIRAM NAGAR	3.08	N	1.46	Y	11.51	N

Table 4.1.14: District wise result of MEAN TEST of GVAPE for pooled sample
Sector: RURAL Ent Type: EST MEAN TEST
$Z_{0.005}$ = 2.575 [one sided test] reject if z-value > $Z_{0.005}$

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	1.32	Y	0.00	N	0.53	Y
2	MUZAFFARNAGAR	1.03	Y	25.84	N	0.18	Y
3	BIJNOR	2.59	N	1.52	Y	0.78	Y
4	MORADABAD	1.28	Y	0.00	N	1.00	Y
5	RAMPUR	0.54	Y	107.60	N	2.50	Y
6	JYOTIBAPHULENAGAR	0.36	Y	0.36	Y	0.66	Y
7	MERRUT	0.79	Y	4.76	N	7.13	N
8	BAGPAT	1.02	Y	52.91	N	2.26	Y
9	GAZIABAD	6.25	N	12.65	N	1.10	Y
10	GAUTAMBUDHNAGAR	0.69	Y	1.19	Y	0.74	Y
11	BULANDSHAHAR	1.72	Y	1.57	Y	14.69	N
12	ALIGARH	25.40	N	10.45	N	0.07	Y
13	HATHRAS	0.63	Y	5.67	N	0.04	Y
14	MATHURA	1.37	Y	0.77	Y	0.31	Y
15	AGRA	1.11	Y	4.68	N	1.09	Y
16	FIROZABAD	1.27	Y	9.95	N	2.48	Y
17	ETAH	1.34	Y	7.44	N	1.45	Y
18	MAINPURI	7.64	N	1.05	Y	9.60	N
19	BADAUN	2.05	Y	19.56	N	1.46	Y
20	BAREILLY	1.88	Y	5.25	N	14.71	N
21	PILIBHIT	3.64	N	3.99	N	0.60	Y
22	SHAHJAHANPUR	4.76	N	5.04	N	1.45	Y
23	KHERI	1.99	Y	0.91	Y	0.61	Y
24	SITAPUR	3.25	N	0.99	Y	1.77	Y
25	HARDOI	0.00	N	2.05	Y	2.37	Y
26	UNNAO	8.25	N	5.57	N	1.65	Y
27	LUCKNOW	0.62	Y	6.46	N	12.18	N
28	RAIBAREILLY	0.15	Y	4.02	N	2.59	N
29	FARRUKHABAD	3.08	N	1.65	Y	6.01	N
30	KANNAUJ	21.41	N	2.66	N	0.36	Y
31	ETAWAH	1.63	Y	56.43	N	1.07	Y
32	AURAIYA	0.68	Y	0.33	Y	0.77	Y
33	KANPUR DEHAT	5.63	N	1.04	Y	1.71	Y
34	KANPUR NAGAR	1.54	Y	14.06	N	1.62	Y
35	JALAUN	2.06	Y	3.55	N	0.36	Y
36	JHANSI	192.31	N	16.72	N	1.29	Y
37	LALITPUR	0.39	Y	0.66	Y	1.55	Y
38	HAMIRPUR	1.84	Y	0.00	N	0.91	Y
39	MAHOBA	1.12	Y	2.70	N	2.21	Y

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	0.20	Y	1.36	Y	2.33	Y
41	CHITRAKOOT	1.55	Y	1.37	Y	0.35	Y
42	FATEHPUR	0.85	Y	8.91	N	2.99	N
43	PRATAPGARH	0.96	Y	7.96	N	1.82	Y
44	KAUSHAMBI	1.98	Y	1.38	Y	3.77	N
45	ALLAHABAD	0.78	Y	0.96	Y	0.60	Y
46	BARABANKI	0.71	Y	0.23	Y	0.79	Y
47	FAIZABAD	0.11	Y	0.55	Y	0.46	Y
48	AMBEDKARNAGAR	0.90	Y	2.72	N	1.44	Y
49	SULTANPUR	1.43	Y	4.16	N	1.26	Y
50	BAHRAICH	0.68	Y	1.97	Y	2.18	Y
51	SHRAWASTI	0.29	Y	0.16	Y	0.64	Y
52	BALRAMPUR	1.61	Y	0.00	N	0.73	Y
53	GONDA	1.08	Y	1.57	Y	0.48	Y
54	SIDDHARTHNAGAR	1.93	Y	3.69	N	0.20	Y
55	BASTI	5.95	N	0.21	Y	3.06	N
56	SANTKABIRNAGAR	1.29	Y	1.23	Y	0.17	Y
57	MAHARAJGANJ	2.22	Y	1.27	Y	3.73	N
58	GORAKHPUR	2.42	Y	0.40	Y	0.71	Y
59	KUSHINAGAR	0.95	Y	1.33	Y	0.88	Y
60	DEORIA	0.78	Y	5.67	N	2.42	Y
61	AZAMGARH	1.54	Y	0.14	Y	0.85	Y
62	MAU	2.38	Y	0.63	Y	22.32	N
63	BALLIA	5.47	N	27.58	N	1.10	Y
64	JAUNPUR	0.15	Y	6.21	N	1.80	Y
65	GAZIPUR	1.09	Y	2.16	Y	1.56	Y
66	CHANDAULLI	0.60	Y	3.22	N	1.70	Y
67	VARANASI	0.88	Y	1.27	Y	1.89	Y
68	SANTRAVIDASNAGAR	3.80	N	1.00	Y	0.76	Y
69	MIRZAPUR	0.09	Y	9.67	N	0.50	Y
70	SONBHADRA	0.85	Y	1.12	Y	0.34	Y
71	KANSHIRAM NAGAR	1.05	Y	3.79	N	0.83	Y

Table 4.1.15: District wise result of MEAN TEST of GVAPE for pooled sample
Sector: URBAN Ent Type: OAE MEAN TEST
$Z_{0.005}$ = 2.575 [one sided test] reject if z-value > $Z_{0.005}$

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	0.45	Y	0.03	Y	0.49	Y
2	MUZAFFARNAGAR	0.70	Y	2.30	Y	5.54	N
3	BIJNOR	2.55	Y	0.03	Y	1.41	Y
4	MORADABAD	4.54	N	5.78	N	1.81	Y
5	RAMPUR	0.04	Y	0.63	Y	0.00	Y
6	JYOTIBAPHULENAGAR	1.40	Y	5.57	N	3.20	N
7	MERRUT	1.68	Y	0.17	Y	1.63	Y
8	BAGPAT	1.07	Y	0.42	Y	0.30	Y
9	GAZIABAD	2.78	N	1.41	Y	1.16	Y
10	GAUTAMBUDHNAGAR	4.85	N	2.36	Y	0.23	Y
11	BULANDSHAHAR	2.35	Y	2.54	Y	1.79	Y
12	ALIGARH	0.53	Y	0.64	Y	0.99	Y
13	HATHRAS	0.86	Y	1.98	Y	4.20	N
14	MATHURA	4.68	N	2.43	Y	2.47	Y
15	AGRA	9.56	N	0.84	Y	4.33	N
16	FIROZABAD	1.79	Y	5.04	N	0.42	Y
17	ETAH	8.65	N	3.02	N	2.54	Y
18	MAINPURI	2.56	Y	1.47	Y	3.87	N
19	BADAUN	1.28	Y	3.37	N	0.08	Y
20	BAREILLY	2.24	Y	3.25	N	1.60	Y
21	PILIBHIT	2.06	Y	0.06	Y	0.47	Y
22	SHAHJAHANPUR	6.11	N	5.19	N	2.38	Y
23	KHERI	2.98	N	1.57	Y	11.76	N
24	SITAPUR	0.64	Y	1.24	Y	1.33	Y
25	HARDOI	1.35	Y	1.08	Y	2.55	Y
26	UNNAO	4.68	N	1.30	Y	3.20	N
27	LUCKNOW	3.76	N	1.36	Y	1.24	Y
28	RAIBAREILLY	0.27	Y	0.14	Y	0.20	Y
29	FARRUKHABAD	6.94	N	3.85	N	1.88	Y
30	KANNAUJ	2.64	N	3.84	N	2.02	Y
31	ETAWAH	3.65	N	0.75	Y	0.28	Y
32	AURAIYA	0.11	Y	0.33	Y	0.69	Y
33	KANPUR DEHAT	0.27	Y	0.14	Y	1.35	Y
34	KANPUR NAGAR	0.49	Y	3.64	N	3.64	N
35	JALAUN	0.81	Y	0.51	Y	5.94	N
36	JHANSI	0.59	Y	1.73	Y	1.10	Y
37	LALITPUR	1.43	Y	1.30	Y	1.39	Y
38	HAMIRPUR	1.06	Y	0.85	Y	0.28	Y
39	MAHOBA	1.47	Y	4.46	N	4.08	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	2.01	Y	3.35	N	5.52	N
41	CHITRAKOOT	0.21	Y	2.52	Y	0.50	Y
42	FATEHPUR	1.03	Y	1.63	Y	0.00	Y
43	PRATAPGARH	0.57	Y	1.94	Y	2.52	Y
44	KAUSHAMBI	2.73	N	2.17	Y	3.23	N
45	ALLAHABAD	2.45	Y	1.36	Y	5.30	N
46	BARABANKI	0.40	Y	1.30	Y	0.13	Y
47	FAIZABAD	2.80	N	1.08	Y	7.20	N
48	AMBEDKARNAGAR	1.50	Y	2.56	Y	2.23	Y
49	SULTANPUR	0.47	Y	3.05	N	0.40	Y
50	BAHRAICH	2.12	Y	1.63	Y	4.90	N
51	SHRAWASTI	0.81	Y	1.31	Y	0.04	Y
52	BALRAMPUR	2.90	N	0.36	Y	3.05	N
53	GONDA	0.94	Y	2.62	N	7.42	N
54	SIDDHARTHNAGAR	1.59	Y	0.60	Y	0.70	Y
55	BASTI	3.48	N	1.98	Y	0.76	Y
56	SANTKABIRNAGAR	3.29	N	1.84	Y	3.49	N
57	MAHARAJGANJ	1.14	Y	0.32	Y	0.24	Y
58	GORAKHPUR	1.64	Y	1.71	Y	1.81	Y
59	KUSHINAGAR	0.25	Y	1.52	Y	2.73	N
60	DEORIA	0.01	Y	2.96	N	1.60	Y
61	AZAMGARH	1.34	Y	0.60	Y	0.37	Y
62	MAU	17.44	N	2.36	Y	0.38	Y
63	BALLIA	3.86	N	6.39	N	0.60	Y
64	JAUNPUR	2.31	Y	3.42	N	2.83	N
65	GAZIPUR	0.33	Y	0.98	Y	0.68	Y
66	CHANDAULLI	2.77	N	2.40	Y	3.59	N
67	VARANASI	2.87	N	0.47	Y	3.42	N
68	SANTRAVIDASNAGAR	6.56	N	7.00	N	2.24	Y
69	MIRZAPUR	2.73	N	5.97	N	1.14	Y
70	SONBHADRA	1.48	Y	7.27	N	1.13	Y
71	KANSHIRAM NAGAR	4.22	N	1.04	Y	1.45	Y

Table 4.1.16: District wise result of MEAN TEST of GVAPE for pooled sample
Sector: URBAN Ent Type: EST MEAN TEST
$Z_{0.005}$ = 2.575 [one sided test] reject if z-value > $Z_{0.005}$

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	SAHARANPUR	0.43	Y	5.11	N	3.73	N
2	MUZAFFARNAGAR	0.59	Y	0.97	Y	2.00	Y
3	BIJNOR	1.15	Y	11.53	N	4.09	N
4	MORADABAD	16.23	N	2.29	Y	2.87	N
5	RAMPUR	1.26	Y	17.05	N	1.69	Y
6	JYOTIBAPHULENAGAR	2.05	Y	4.91	N	0.82	Y
7	MERRUT	1.33	Y	0.84	Y	0.38	Y
8	BAGPAT	1.26	Y	0.34	Y	0.68	Y
9	GAZIABAD	0.33	Y	1.32	Y	2.03	Y
10	GAUTAMBUDHNAGAR	6.86	N	12.31	N	1.13	Y
11	BULANDSHAHAR	1.97	Y	1.65	Y	1.51	Y
12	ALIGARH	5.26	N	2.33	Y	1.54	Y
13	HATHRAS	0.52	Y	0.09	Y	3.65	N
14	MATHURA	1.41	Y	4.36	N	0.74	Y
15	AGRA	3.85	N	0.59	Y	1.21	Y
16	FIROZABAD	3.70	N	0.62	Y	1.11	Y
17	ETAH	13.15	N	5.68	N	7.66	N
18	MAINPURI	1.04	Y	0.22	Y	2.19	Y
19	BADAUN	2.36	Y	2.13	Y	0.91	Y
20	BAREILLY	1.84	Y	2.45	Y	2.09	Y
21	PILIBHIT	0.67	Y	1.83	Y	0.94	Y
22	SHAHJAHANPUR	2.58	N	25.74	N	2.87	N
23	KHERI	0.41	Y	3.55	N	1.40	Y
24	SITAPUR	5.74	N	0.40	Y	0.65	Y
25	HARDOI	1.69	Y	0.84	Y	0.50	Y
26	UNNAO	1.78	Y	0.54	Y	0.40	Y
27	LUCKNOW	0.81	Y	0.92	Y	0.77	Y
28	RAIBAREILLY	1.28	Y	2.40	Y	0.88	Y
29	FARRUKHABAD	0.63	Y	2.10	Y	1.84	Y
30	KANNAUJ	2.77	N	1.13	Y	4.60	N
31	ETAWAH	1.12	Y	4.12	N	0.94	Y
32	AURAIYA	1.01	Y	0.81	Y	0.62	Y
33	KANPUR DEHAT	7.40	N	0.43	Y	4.35	N
34	KANPUR NAGAR	4.93	N	0.10	Y	1.61	Y
35	JALAUN	3.99	N	0.56	Y	0.87	Y
36	JHANSI	1.11	Y	1.05	Y	1.43	Y
37	LALITPUR	2.13	Y	0.46	Y	0.87	Y
38	HAMIRPUR	0.17	Y	8.49	N	1.78	Y
39	MAHOBA	6.43	N	1.48	Y	16.92	N

Dist code	District Name	MFG		TRADE		SERVICE	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
40	BANDA	1.76	Y	1.63	Y	1.88	Y
41	CHITRAKOOT	3.94	N	1.06	Y	2.35	Y
42	FATEHPUR	1.98	Y	3.46	N	1.74	Y
43	PRATAPGARH	1.10	Y	1.97	Y	0.95	Y
44	KAUSHAMBI	2.64	N	13.06	N	2.35	Y
45	ALLAHABAD	0.75	Y	3.79	N	8.01	N
46	BARABANKI	0.03	Y	1.70	Y	0.81	Y
47	FAIZABAD	2.19	Y	3.39	N	0.90	Y
48	AMBEDKARNAGAR	1.64	Y	1.37	Y	1.23	Y
49	SULTANPUR	0.07	Y	3.41	N	1.46	Y
50	BAHRAICH	1.28	Y	2.35	Y	0.55	Y
51	SHRAWASTI	1.08	Y	0.85	Y	1.69	Y
52	BALRAMPUR	1.88	Y	1.04	Y	4.26	N
53	GONDA	1.21	Y	1.28	Y	0.92	Y
54	SIDDHARTHNAGAR	0.76	Y	1.54	Y	2.88	N
55	BASTI	1.34	Y	1.41	Y	1.71	Y
56	SANTKABIRNAGAR	4.96	N	0.66	Y	3.52	N
57	MAHARAJGANJ	0.22	Y	0.42	Y	0.53	Y
58	GORAKHPUR	9.89	N	4.83	N	1.02	Y
59	KUSHINAGAR	0.88	Y	0.55	Y	0.97	Y
60	DEORIA	1.20	Y	9.92	N	1.03	Y
61	AZAMGARH	0.49	Y	1.18	Y	0.57	Y
62	MAU	0.77	Y	2.59	N	0.06	Y
63	BALLIA	0.99	Y	0.12	Y	1.16	Y
64	JAUNPUR	0.26	Y	7.60	N	0.53	Y
65	GAZIPUR	0.27	Y	5.53	N	1.69	Y
66	CHANDAULLI	0.91	Y	0.31	Y	0.65	Y
67	VARANASI	2.69	N	1.70	Y	3.41	N
68	SANTRAVIDASNAGAR	0.72	Y	1.88	Y	0.09	Y
69	MIRZAPUR	1.81	Y	2.52	Y	0.41	Y
70	SONBHADRA	2.68	N	1.67	Y	0.94	Y
71	KANSHIRAM NAGAR	0.56	Y	0.79	Y	6.80	N

4.2 Pooled estimates of economic activity of the enterprises and their RSE's

Table 4.2.1: Districtwise estimated no. of enterprises and their RSEs for central, state and pooled sample of Rural sector with pooling method Matching Ratio

Sector: RURAL Activity: All Pooling method: MR

Dsitrict Code	District name	Estimated number of enterprises			RSE of Estimated number of enterprises			Sample number of enterprises		
		central	state	pooled	central	state	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	SAHARANPUR	25936	28493	27470	28.87	5.87	13.96	160	99	259
2	MUZAFFARNAGAR	83927	12171	40873	14.19	15	14.74	198	107	305
3	BIJNOR	48463	44392	46021	17.13	33.35	18.44	189	141	330
4	MORADABAD	84643	140327	118054	23.68	31.29	20.44	183	192	375
5	RAMPUR	48844	135358	100752	20.71	30.32	20.98	227	197	424
6	JYOTIBAPHULENAGAR	58048	19572	34962	41.85	3.67	34.76	227	216	443
7	MERRUT	91672	22925	50132	19.68	36.33	19.82	193	120	313
8	BAGPAT	29909	8288	16986	12.2	7.76	10.91	253	94	347
9	GAZIABAD	37528	74138	59498	40.12	5.2	13.06	212	188	400
10	GAUTAMBUDHNAGAR	31102	7994	17341	38.36	61.04	37.17	192	195	387
11	BULANDSHAHAR	54376	58043	56576	12.74	38.32	20.59	230	151	381
12	ALIGARH	102389	94615	97736	53.72	49.74	37.03	230	156	386
13	HATHRAS	57332	23839	37236	32.6	8.31	25.24	199	195	394
14	MATHURA	85215	42575	53241	56.87	41.98	48.51	219	163	382
15	AGRA	65561	17322	36506	3.42	19.88	5.63	215	125	340
16	FIROZABAD	36057	26657	30417	66.71	49.11	45.02	179	112	291
17	ETAH	39666	36366	37686	13.48	28.44	15.45	226	169	395
18	MAINPURI	22987	17173	19291	8.14	41.43	19.07	184	126	310
19	BADAUN	82457	25550	48313	46.07	10.84	39.42	154	138	292
20	BAREILLY	145707	103808	120567	25.64	26.65	19.28	265	169	434
21	PILIBHIT	75650	38478	53347	30.58	14.73	22.32	231	207	438
22	SHAHJAHANPUR	62837	8707	30359	28.63	28.22	29.90	223	103	326
23	KHERI	99615	117522	110321	27.06	15.96	14.88	225	190	415
24	SITAPUR	96587	89626	92443	22.73	13.57	13.57	214	174	388
25	HARDOI	145905	35761	79819	11.47	17.48	11.19	178	142	320
26	UNNAO	58925	23791	37845	8.09	14.9	7.85	222	113	335
27	LUCKNOW	58187	45863	50827	28.34	48.03	27.07	243	184	427
28	RAIBAREILLY	50851	45973	47914	26.95	22.27	17.85	160	178	338
29	FARRUKHABAD	61520	19840	36512	28.18	15.91	24.13	194	153	347
30	KANNAUJ	99665	18937	51229	48.83	26.16	47.74	242	158	400
31	ETAWAH	19581	8790	13102	10.95	34.02	14.04	166	129	295
32	AURAIYA	21930	13106	16636	8.29	18.98	9.26	160	148	308
33	KANPUR DEHAT	41257	24872	31325	10.45	27.19	12.80	215	251	466
34	KANPUR NAGAR	48701	32920	39233	13.11	33.16	16.12	175	169	344
35	JALAUN	36994	29720	32630	30.29	14.37	18.38	187	177	364
36	JHANSI	22440	13153	16868	18.36	17.05	13.90	196	116	312
37	LALITPUR	31032	31619	31384	37.65	8.26	19.07	199	223	422
38	HAMIRPUR	22553	6316	12811	5.36	32.32	9.26	182	93	275
39	MAHOBA	20388	3810	10441	20.3	15.89	20.03	167	87	254
40	BANDA	26778	22327	24107	12.03	39.94	19.67	191	195	386
41	CHITRAKOOT	16711	6969	10872	23.38	7.75	18.14	204	101	305
42	FATEHPUR	75331	45736	57395	11.9	17.32	10.42	186	181	367

Dsitrict Code	District name	Estimated number of enterprises			RSE of Estimated number of enterprises			Sample number of enterprises		
		central	state	pooled	central	state	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
43	PRATAPGARH	53304	68275	62287	40.89	32.8	25.09	204	218	422
44	KAUSHAMBI	37685	15743	24502	5.77	8.3	5.18	184	164	348
45	ALLAHABAD	194956	73541	122107	7.45	23.04	9.14	209	219	428
46	BARABANKI	71128	97485	86942	4.54	22.85	12.94	271	199	470
47	FAIZABAD	62641	56896	59266	37.98	18.8	22.01	320	270	590
48	AMBEDKARNAGAR	57434	23817	37264	10.9	11.37	9.15	235	121	356
49	SULTANPUR	144185	124069	132216	9.35	51.31	24.61	247	152	399
50	BAHRAICH	36674	68797	55947	12.63	25.35	16.13	189	188	377
51	SHRAWASTI	24356	16729	19780	24.35	25.45	18.45	216	160	376
52	BALRAMPUR	40326	40621	40503	45.04	19.39	24.44	170	268	438
53	GONDA	77005	57311	65189	14.79	32.53	16.76	212	176	388
54	SIDDHARTHNAGAR	45109	24695	32861	19.05	35.63	18.71	260	90	350
55	BASTI	64238	35501	46996	19.46	33.84	18.45	211	144	355
56	SANTKABIRNAGAR	43846	20910	30094	7.97	25.92	10.71	249	142	391
57	MAHARAJGANJ	116462	30817	65075	19.98	22.79	18.68	280	200	480
58	GORAKHPUR	96403	48714	67790	11.91	35.19	15.22	236	170	406
59	KUSHINAGAR	69668	35367	49068	25.85	20.24	19.75	183	189	372
60	DEORIA	66914	32652	46356	8.08	39.28	15.01	208	134	342
61	AZAMGARH	162006	64721	103635	29.64	26.93	24.65	196	189	385
62	MAU	75579	54130	62709	42.14	44.68	31.89	224	171	395
63	BALLIA	99962	29978	57971	31.06	51.79	29.94	159	133	292
64	JAUNPUR	129859	55413	85191	14.61	32.58	15.37	308	210	518
68	GAZIPUR	113702	68758	86735	44.99	24.31	31.02	164	106	270
66	CHANDAULLI	44524	24144	32325	17.05	23.28	14.61	223	121	344
67	VARANASI	200164	62498	117538	32.17	64.71	32.35	218	106	324
68	SANTRAVIDASNAGAR	39921	42454	41444	18.15	35.56	20.20	264	194	458
69	MIRZAPUR	85328	20067	46171	44.21	27.96	41.30	206	206	412
70	SONBHADRA	25762	18052	21124	38.15	27.59	26.08	171	170	341
71	KANSHIRAM NAGAR	20823	18493	19425	24.54	40.13	23.19	211	132	343
	All	4725225	2954090	3655591	3.88	4.84	3.18	14923	11467	26390

Table 4.2.2: Districtwise estimated no. of enterprises and their RSEs for central, state and pooled sample of Urban sector with pooling method Matching Ratio

Sector: URBAN Activity: All Pooling method: MR

District Code	District name	Estimated number of enterprises			RSE of Estimated number of enterprises			Sample number of enterprises		
		central	state	Pooled	central	State	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	SAHARANPUR	48777	49552	49242	16.67	12.26	10.31	112	196	308
2	MUZAFFARNAGAR	43728	31025	36106	34.85	55.27	31.77	163	101	264
3	BIJNOR	43117	23986	31639	18.19	5.72	12.58	176	135	311
4	MORADABAD	50514	103651	82369	16.89	17.29	12.05	157	235	392
5	RAMPUR	46943	47889	47510	51.14	33.57	30.41	192	141	333
6	JYOTIBAPHULENAGAR	25348	44501	36840	30.67	16.54	14.53	174	196	370
7	MERRUT	166133	82688	115838	20.9	10.07	15.41	1085	772	1857
8	BAGPAT	16973	15731	16241	46.81	25.58	27.42	149	130	279
9	GAZIABAD	179051	141503	156522	15.04	9.05	9.53	297	311	608
10	GAUTAMBUDHNAGAR	80452	48569	61322	14.21	51.52	22.43	190	114	304
11	BULANDSHAHAR	54066	45633	49006	0.72	39.03	18.18	190	151	341
12	ALIGARH	82983	53111	65194	24.57	9.95	16.15	199	208	407
13	HATHRAS	23501	19111	20867	4.27	7.02	4.01	187	219	406
14	MATHURA	75852	23896	44679	10.41	8.19	9.10	195	156	351
15	AGRA	158619	126715	139471	14.97	31.79	16.76	1386	1024	2410
16	FIROZABAD	58807	26623	39497	9.28	32.91	13.07	203	67	270
17	ETAH	27588	26303	26850	24.47	47.4	26.40	226	182	408
18	MAINPURI	22464	9130	14476	34.67	9.03	27.05	160	149	309
19	BADAUN	52884	16467	31034	42.22	12.86	36.13	166	139	305
20	BAREILLY	158912	164733	162412	7.3	15.84	8.79	224	187	411
21	PILIBHIT	34065	20156	25687	8.48	27.58	12.19	192	184	376
22	SHAHJAHANPUR	43880	9599	23311	16.39	43.15	17.80	201	95	296
23	KHERI	24121	26309	25434	21.97	2.58	10.50	195	204	399
24	SITAPUR	29910	34407	32498	36.9	57.41	34.81	207	145	352
25	HARDOI	19631	16949	18022	28.96	25.19	19.73	160	152	312
26	UNNAO	51025	18198	31329	19.17	13.37	16.09	181	149	330
27	LUCKNOW	278678	211679	238091	15.81	13.42	11.01	1263	923	2186
28	RAIBAREILLY	27750	18354	22113	5.31	22.46	9.90	182	174	356
29	FARRUKHABAD	25248	13878	18426	28.11	54.69	28.20	195	128	323
30	KANNAUJ	28797	10990	18106	10.71	47.18	16.66	166	115	281
31	ETAWAH	17081	7701	11453	30.59	23.14	24.10	170	120	290
32	AURAIYA	24313	18321	20718	7.13	15.99	8.22	211	187	398
33	KANPUR DEHAT	5126	4139	4539	12.81	8.13	8.13	177	182	359
34	KANPUR NAGAR	291987	111994	183759	22.41	15.56	18.42	1229	864	2093
35	JALAUN	46187	27283	34845	3.67	20.13	8.25	221	195	416
36	JHANSI	47266	76473	64790	29.48	2.54	10.86	164	168	332
37	LALITPUR	7406	15362	12179	4.15	43.24	27.30	194	189	383
38	HAMIRPUR	21968	5057	11821	39.87	9.69	37.10	173	102	275
39	MAHOBA	9870	5437	7211	1.7	16.93	6.49	165	112	277
40	BANDA	16630	9989	12641	13.93	27.32	14.16	154	134	288
41	CHITRAKOOT	7240	3915	5245	6.86	62.42	23.77	170	127	297
42	FATEHPUR	14991	17284	16360	13.09	28.19	16.05	175	156	331
43	PRATAPGARH	21108	11267	15020	44.95	20.69	32.52	205	190	395
44	KAUSHAMBI	8292	8106	8183	4.56	6.03	3.78	165	161	326

District Code	District name	Estimated number of enterprises			RSE of Estimated number of enterprises			Sample number of enterprises		
		central	state	Pooled	central	State	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
45	ALLAHABAD	289846	98784	175229	69.45	57.12	59.65	159	195	354
46	BARABANKI	25858	18570	21487	16.24	27.72	15.46	234	169	403
47	FAIZABAD	39713	17538	26422	5.6	3.06	4.33	227	188	415
48	AMBEDKARNAGAR	13177	9818	11162	17.81	10.8	11.54	180	155	335
49	SULTANPUR	28118	8529	16367	21.03	13.09	18.38	204	162	366
50	BAHRAICH	12280	15870	14434	13.64	23.34	14.08	159	180	339
51	SHRAWASTI	1905	2711	2388	27.4	15.95	14.19	163	167	330
52	BALRAMPUR	10864	7221	8688	3.74	40.8	17.12	166	171	337
53	GONDA	16688	14770	15537	39.26	0.39	21.09	209	211	420
54	SIDDHARTHNAGAR	10058	2693	5639	35.24	24.65	31.97	226	142	368
55	BASTI	9160	3635	5845	36.69	27.08	29.96	178	117	295
56	SANTKABIRNAGAR	15702	6157	9949	18.63	9.04	14.97	203	122	325
57	MAHARAJGANJ	16379	13335	14549	35.65	27.27	23.64	191	188	379
58	GORAKHPUR	61783	36528	46664	18.05	25.98	15.69	154	141	295
59	KUSHINAGAR	24200	9652	15474	14.17	21.89	13.01	246	168	414
60	DEORIA	26377	7522	15065	7.3	8.14	6.71	186	121	307
61	AZAMGARH	30304	19947	24085	36.58	49.79	30.90	194	146	340
62	MAU	48073	28835	36536	10.94	18.24	10.18	188	150	338
63	BALLIA	19760	15907	17448	17.14	34.91	18.64	177	123	300
64	JAUNPUR	32665	21673	26504	22.68	47.86	24.05	187	120	307
65	GAZIPUR	39349	10219	21866	16.07	7.02	14.55	163	140	303
66	CHANDAULLI	11136	7843	9166	12.45	17.85	10.75	154	127	281
67	VARANASI	228414	179203	198816	12.6	24.95	13.37	960	902	1862
68	SANTRAVIDASNAGAR	28026	13483	19301	19.1	15.64	14.90	185	138	323
69	MIRZAPUR	52078	17075	31070	10.66	8.88	9.26	184	120	304
70	SONBHADRA	14253	15440	14965	16.91	10.3	9.65	123	144	267
71	KANSHIRAM NAGAR	32799	13447	21187	14.87	12.76	12.20	216	147	363
	All	3658246	2420067	2914737	6.35	4.56	4.41	18162	14823	32985

Table 4.2.3: District wise estimated no. of workers and their RSEs for central, state and pooled sample of Rural sector with pooling method Matching Ratio

Sector: RURAL Activity: All Pooling method: MR

District Code	District name	Estimated number of workers			RSE of Estimated number of workers			Sample number of workers		
		central	state	Pooled	central	State	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	SAHARANPUR	43761	38396	40542	22.93	19.5	15.44	438	195	633
2	MUZAFFARNAGAR	269571	27830	124527	38.45	26.68	41.72	1230	385	1615
3	BIJNOR	63333	75633	70713	16.8	40.39	22.87	307	323	630
4	MORADABAD	165450	232740	205825	28.55	10.03	12.80	358	435	793
5	RAMPUR	77044	266128	190494	23.3	42.11	29.79	426	331	757
6	JYOTIBAPHULENAGAR	105379	31644	61137	48.37	19.56	41.99	567	462	1029
7	MERRUT	158408	32001	80200	28.33	24.27	28.39	594	404	998
8	BAGPAT	86327	12602	47142	48.42	14.62	44.38	8510	670	9180
9	GAZIABAD	94025	94179	94425	47.8	6.46	24.02	1459	291	1750
10	GAUTAMBUDHNAGAR	53156	12483	29555	47.89	62.44	45.04	745	373	1118
11	BULANDSHAHAR	100175	77047	86298	19.89	37.97	20.51	789	317	1106
12	ALIGARH	165317	116031	135773	52.72	51.41	38.89	424	310	734
13	HATHRAS	125518	34119	70679	54.18	10.66	48.18	614	329	943
14	MATHURA	133069	78067	91479	50.72	43.38	41.27	649	332	981
15	AGRA	109584	30409	61852	3.97	30.82	8.35	484	213	697
16	FIROZABAD	75014	30631	48384	75.14	39.07	59.55	413	254	667
17	ETAH	64182	56090	59327	18.54	39.55	21.22	510	306	816
18	MAINPURI	39252	24275	30046	2.68	37.79	15.37	476	236	712
19	BADAUN	122197	45607	76243	24.84	21.67	20.93	559	309	868
20	BAREILLY	277414	121348	183774	36.44	24.52	28.67	788	235	1023
21	PILIBHIT	140500	68225	97136	28.59	20.02	21.84	703	491	1194
22	SHAHJAHANPUR	116174	13087	54322	12.07	35.05	13.58	427	149	576
23	KHERI	145113	148116	146832	27.15	16.16	15.70	422	357	779
24	SITAPUR	189194	137878	158502	22.89	5.1	13.84	511	364	875
25	HARDOI	210777	57059	118546	14.95	31.72	15.33	293	297	590
26	UNNAO	119615	26995	64043	10.46	24.13	11.01	721	119	840
27	LUCKNOW	112396	59630	81117	18.42	49.19	22.13	753	302	1055
28	RAIBAREILLY	90085	90612	90381	20.9	11.27	11.85	539	613	1152
29	FARRUKHABAD	104359	34766	62603	22.73	18.24	19.61	319	385	704
30	KANNAUJ	161781	33431	84771	50.11	38.56	48.42	572	308	880
31	ETAWAH	28485	15813	20838	10.31	36.82	15.65	468	244	712
32	AURAIYA	33377	23100	27211	4.91	22.85	10.16	276	438	714
33	KANPUR DEHAT	58673	30555	41496	14.68	27.5	14.50	388	343	731
34	KANPUR NAGAR	65514	47206	54529	15.56	40.88	20.01	284	252	536
35	JALAUN	72339	49152	58427	40.26	16.24	25.84	329	334	663
36	JHANSI	34945	17038	24201	17.76	18.42	14.37	326	154	480
37	LALITPUR	53979	44122	48065	33.59	8.19	19.23	456	365	821
38	HAMIRPUR	31042	6335	16218	11.21	32.23	12.44	363	97	460
39	MAHOBA	34282	4734	16553	20.99	10.72	21.79	281	107	388
40	BANDA	39684	34210	36400	11.62	38.56	19.20	341	466	807
41	CHITRAKOOT	31265	7745	17194	32.12	8.3	29.26	414	127	541
42	FATEHPUR	113981	92719	101045	24.34	9.95	14.47	312	574	886
43	PRATAPGARH	109938	102976	105761	50.35	28.65	29.65	659	469	1128
44	KAUSHAMBI	64418	25872	41067	7.5	7.58	6.35	441	270	711
45	ALLAHABAD	327968	113938	199550	17.36	17.63	15.13	481	415	896

District Code	District name	Estimated number of workers			RSE of Estimated number of workers			Sample number of workers		
		central	state	Pooled	central	State	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
46	BARABANKI	153845	176047	167167	13.6	25.38	14.76	1420	389	1809
47	FAIZABAD	98797	98592	98844	31.9	13.66	17.34	880	590	1470
48	AMBEDKARNAGAR	106340	45910	70083	20.69	23.12	17.43	897	266	1163
49	SULTANPUR	210379	167038	184583	7.31	42.19	19.54	511	202	713
50	BAHRAICH	57521	100477	83295	10.32	22.23	13.87	355	304	659
51	SHRAWASTI	36728	20262	26849	26.13	31.15	21.39	445	201	646
52	BALRAMPUR	53951	60392	57816	44.1	22.8	23.77	259	415	674
53	GONDA	97674	69017	80480	9.28	18.56	9.75	357	255	612
54	SIDDHARTHNAGAR	76683	43596	56831	15.37	40.92	18.81	728	159	887
55	BASTI	169610	56619	101816	51.22	39.44	44.05	410	262	672
56	SANTKABIRNAGAR	125388	27967	67006	31	27.11	29.55	857	221	1078
57	MAHARAJGANJ	166232	49723	96327	17.1	17.05	15.40	544	477	1021
58	GORAKHPUR	193316	108994	142723	9.31	28.95	12.73	856	429	1285
59	KUSHINAGAR	91268	70911	79047	23.32	8.58	14.00	393	479	872
60	DEORIA	122534	56006	82618	19.27	34.22	18.40	708	390	1098
61	AZAMGARH	298227	103796	181568	24.34	32.1	21.99	562	344	906
62	MAU	123146	79377	96884	37.78	47.93	31.02	507	223	730
63	BALLIA	196953	50998	109380	31.55	55.74	31.24	386	278	664
64	JAUNPUR	209983	91102	138654	16.84	33.44	16.83	714	400	1114
65	GAZIPUR	174516	124901	144747	32.25	10.2	19.93	338	324	662
66	CHANDAULLI	89075	31908	55036	12.33	37.45	14.75	636	240	876
67	VARANASI	288928	99516	174955	15.05	45.9	18.02	447	221	668
68	SANTRAVIDASNAGAR	66061	73396	70497	15.55	51.43	27.75	727	378	1105
69	MIRZAPUR	152671	30544	79394	47.02	24.04	45.44	482	427	909
70	SONBHADRA	43212	23071	31104	32.83	26.95	24.90	389	251	640
71	KANSHIRAM NAGAR	40668	21433	29127	9.07	42.99	17.04	1442	171	1613
	All	8261766	4604164	6062054	4.1	4.61	3.30	47669	23046	70715

Table 4.2.4: District wise estimated no. of workers and their RSEs for central, state and pooled sample of Urban sector with pooling method Matching Ratio

Sector: URBAN Activity: All Pooling method: MR

	District name	Estimated number of workers			RSE of Estimated number of workers			Sample number of workers		
		central	state	Pooled	central	State	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	SAHARANPUR	96622	84228	89186	24.04	26.11	17.93	234	329	633
2	MUZAFFARNAGAR	81325	38616	55700	31.98	47.7	28.61	413	163	1615
3	BIJNOR	66224	34239	47033	21.38	13.82	15.87	321	220	630
4	MORADABAD	75261	210758	156505	9.93	26.64	18.10	305	623	793
5	RAMPUR	120099	68906	89383	68.86	36.64	48.37	398	225	757
6	JYOTIBAPHULENAGAR	41534	78695	63831	37.06	9.9	13.51	373	457	1029
7	MERRUT	319094	146677	215994	22.67	8.96	17.02	2636	1659	998
8	BAGPAT	28377	22558	24957	46.04	21.32	27.89	283	241	9180
9	GAZIABAD	332109	236125	274519	14.49	14.43	10.74	628	641	1750
10	GAUTAMBUDHNAGAR	157393	209324	188552	23.93	71.04	40.68	609	410	1118
11	BULANDSHAHAR	85145	96811	92144	20.33	27.09	17.05	377	380	1106
12	ALIGARH	158424	141701	149772	16.53	28.47	16.06	446	649	734
13	HATHRAS	42357	35490	38237	6.32	1.21	3.55	436	476	943
14	MATHURA	145160	40941	82629	11	9.74	9.96	492	332	981
15	AGRA	311505	281905	293723	11.2	30.83	15.94	3990	2650	697
16	FIROZABAD	133039	33977	73602	16.21	22.82	15.57	595	124	667
17	ETAH	45115	42159	43404	28.23	56.13	30.96	468	367	816
18	MAINPURI	39299	17306	26135	36.94	11.42	28.03	285	313	712
19	BADAUN	96414	28573	55710	52.58	9.08	45.56	374	275	868
20	BAREILLY	318556	224906	262420	24.52	12.29	15.79	658	338	1023
21	PILIBHIT	51170	35984	41874	16.09	31.19	16.62	376	380	1194
22	SHAHJAHANPUR	78924	14169	40071	26.66	24.22	26.60	481	165	576
23	KHERI	53172	44997	48267	27.23	5.43	15.21	503	465	779
24	SITAPUR	68710	51180	58062	23.19	56.76	28.53	570	323	875
25	HARDOI	33129	29706	31075	33.69	17.12	19.73	366	322	590
26	UNNAO	88379	24243	49898	21.8	18.61	19.83	386	214	840
27	LUCKNOW	855365	381536	571461	41.85	12.23	31.59	4940	2395	1055
28	RAIBAREILLY	39706	40642	40267	6.8	29.19	15.11	343	448	1152
29	FARRUKHABAD	47080	29728	36669	23.77	59.47	28.53	447	325	704
30	KANNAUJ	60122	26188	39747	4.91	17.38	6.82	376	313	880
31	ETAWAH	31619	13467	20728	33.88	24.73	27.06	358	313	712
32	AURAIYA	45205	24436	32744	17.22	21.43	14.33	469	345	714
33	KANPUR DEHAT	8864	7297	7947	27.16	11.41	16.03	377	311	731
34	KANPUR NAGAR	499206	230114	337897	23.41	15.37	18.07	3188	2068	536
35	JALAUN	111777	51631	75690	21.77	34.56	19.93	609	500	663
36	JHANSI	86882	143611	120920	27.98	15.29	13.55	384	363	480
37	LALITPUR	12369	26608	20912	7.8	43.18	27.57	448	407	821
38	HAMIRPUR	30492	7291	16571	40.59	19.68	37.59	324	181	460
39	MAHOBA	16890	7544	11283	5.88	8.38	5.22	334	185	388
40	BANDA	29668	17762	22517	18.86	22.16	15.19	301	304	807
41	CHITRAKOOT	10763	5596	7663	19.84	62.26	26.66	352	224	541
42	FATEHPUR	27489	29328	28578	5.25	17.79	9.47	400	350	886
43	PRATAPGARH	36503	17219	24463	54.17	35.41	42.29	517	435	1128
44	KAUSHAMBI	14936	13851	14296	10.8	5.88	6.32	352	315	711
45	ALLAHABAD	781959	159675	408766	77.48	48.89	74.72	412	433	896

	District name	Estimated number of workers			RSE of Estimated number of workers			Sample number of workers		
		central	state	Pooled	central	State	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
46	BARABANKI	54921	43486	48064	24.66	35.71	21.44	652	406	1809
47	FAIZABAD	63107	36016	46880	10.83	2.3	7.34	491	497	1470
48	AMBEDKARNAGAR	34964	23194	27903	28.37	26.2	20.84	472	414	1163
49	SULTANPUR	44075	12747	25286	21.64	8.86	18.99	493	337	713
50	BAHRAICH	24875	28349	26960	18.16	21.52	14.08	404	388	659
51	SHRAWASTI	3201	4091	3735	30.2	15.77	15.56	310	350	646
52	BALRAMPUR	17948	12398	14648	13.65	32.74	16.18	341	351	674
53	GONDA	34543	23366	27838	46.16	16.85	29.50	528	357	612
54	SIDDHARTHNAGAR	14532	5232	8952	30.74	30.65	26.51	582	326	887
55	BASTI	17285	5166	10014	33.9	25.15	29.97	459	205	672
56	SANTKABIRNAGAR	28694	10225	17510	24.72	8.02	20.39	518	192	1078
57	MAHARAJGANJ	31838	24564	27474	40.52	18.53	24.90	451	451	1021
58	GORAKHPUR	102673	80638	89785	10.06	32.21	15.57	372	321	1285
59	KUSHINAGAR	49164	17707	30306	22.38	20.62	19.13	609	404	872
60	DEORIA	45811	12442	25827	15.08	28.07	14.99	387	223	1098
61	AZAMGARH	63815	35990	47111	40.55	49.49	33.34	420	319	906
62	MAU	131485	51887	83737	9.58	30.65	12.11	528	269	730
63	BALLIA	42053	23568	30962	16.57	22.29	14.09	467	233	664
64	JAUNPUR	68650	40347	52296	26.13	43.08	23.88	495	267	1114
65	GAZIPUR	79175	21232	44334	8.92	13.24	8.57	348	305	662
66	CHANDAULLI	20788	11174	15123	20.91	13.02	15.15	340	207	876
67	VARANASI	478347	381764	420594	13.21	31.72	16.24	2676	2836	668
68	SANTRAVIDASNAGAR	65072	22590	39583	19.61	24.44	17.56	534	312	1105
69	MIRZAPUR	95849	35029	59253	21.59	25.53	19.02	479	298	909
70	SONBHADRA	31805	21318	25512	23.84	19.18	16.88	284	226	640
71	KANSHIRAM NAGAR	58686	18942	34839	14.97	12.53	13.06	479	254	1613
	All	7516789	4511160	5716326	9.86	5.79	6.87	46053	33704	70715

Table 4.2.5: District wise estimate of Emoluments per hired worker for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Rural sector and EST

Sector: RURAL Activity: All Ent Type: EST

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	20243	8794	13510	10808	2918	-	2918	-	12292	-	12292	-
2	MUZAFFARNAGAR	14140	80387	28617	39866	9658	-	9657	-	4545	11891	4970	8983
3	BIJNOR	7752	16400	16206	16368	35222	20492	23814	-	15662	28590	25589	20934
4	MORADABAD	20012	6393	8251	7541	38100	-	38100	-	19768	35693	33311	20052
5	RAMPUR	19620	24131	23913	20498	9600	51090	50241	-	11084	25771	24010	14309
6	JYOTIBAPHULENAGAR	20964	13143	16884	19745	26911	50625	32129	36652	27676	26722	27318	27075
7	MERRUT	45288	120757	70733	45405	19225	80212	32005	35161	43631	21440	41488	42797
8	BAGPAT	21541	27548	21638	21576	34629	-	34632	-	41408	18274	37446	24703
9	GAZIABAD	17775	19765	17893	18128	42500	26487	27096	-	47116	25952	30707	26807
10	GAUTAMBUDHNAGAR	47899	40109	42536	41852	51224	44395	46850	44565	26972	44364	28850	29596
11	BULANDSHAHAR	43708	20000	42347	-	31041	36959	33044	34889	32591	11216	31174	-
12	ALIGARH	29020	38080	35201	33007	35905	56000	40930	-	28689	34874	33575	30907
13	HATHRAS	29907	36195	30227	29914	41951	21148	40840	24757	32814	32448	32544	32514
14	MATHURA	35863	26487	36299	27019	34961	12870	28828	15552	52284	24592	41476	25244
15	AGRA	34134	31709	32719	31793	19062	26335	22822	25802	30751	17458	25571	17479
16	FIROZABAD	20910	18905	20147	20893	39600	26457	26612	-	11978	48000	12130	-
17	ETAH	43844	23900	39034	40228	34701	23626	23821	23633	19228	22204	21863	22190
18	MAINPURI	48789	19306	48078	-	37057	18000	36757	-	22300	40581	27902	24308
19	BADAUN	27319	16551	21423	26650	12000	11784	11829	-	11476	12208	12036	11710
20	BAREILLY	19311	15316	17920	17093	47889	-	47889	-	33554	7768	27018	22863
21	PILIBHIT	20319	17866	19716	18519	27798	19217	24832	27454	30611	26599	27547	27197
22	SHAHJAHANPUR	40977	18000	40966	-	14911	30000	17740	-	21266	52691	33881	22726
23	KHERI	23716	26382	25938	24721	18609	23986	18386	22124	23701	21762	22665	23342
24	SITAPUR	25553	12540	19620	21049	21600	14979	20457	-	28472	10474	24041	11047
25	HARDOI	27290	-	27290	-	-	43200	43200	-	19941	52676	46441	41113
26	UNNAO	34588	-	34588	-	65823	-	65823	-	118438	-	118437	-
27	LUCKNOW	61166	23272	58362	24223	37819	27353	33732	34301	11144	34677	17532	34230
28	RAIBAREILLY	26768	24564	25865	26365	7960	29835	18128	8744	21357	17126	17782	19302
29	FARRUKHABAD	11006	22763	20483	13605	35605	39257	37729	38399	15755	51582	33430	19704
30	KANNAUJ	11118	48926	13672	-	56479	24000	47140	-	21257	78092	22322	-
31	ETAWAH	39936	13701	27181	15937	30000	-	30000	-	76553	197804	131687	119789
32	AURAIYA	12000	7367	7430	-	51184	65000	63955	-	13122	41164	30312	13265
33	KANPUR DEHAT	31483	-	31483	-	350794	-	350822	-	33591	-	33591	-
34	KANPUR NAGAR	34448	24466	28469	-	31833	12000	30280	-	16840	29693	26589	-
35	JALAUN	33959	22638	33016	33446	21435	29533	28049	21502	9480	16724	12846	9526
36	JHANSI	26469	-	26469	-	24361	-	24361	-	26774	13742	20396	13956
37	LALITPUR	32939	16855	24898	32208	24144	29766	27277	25264	28163	31280	30147	30608
38	HAMIRPUR	41383	18000	41239	-	18000	-	18000	-	27037	24000	27031	-
39	MAHOBA	20628	16800	19859	-	39860	-	39860	-	17941	15655	17774	16095
40	BANDA	29707	45197	34889	32029	15000	48000	22749	-	21322	21251	21292	21259
41	CHITRAKOOT	16669	42000	18991	-	20911	31436	24788	20969	19108	19800	19375	-
42	FATEHPUR	27698	14454	15569	14482	6240	33557	33537	-	15690	12772	14429	15597
43	PRATAPGARH	7410	32965	17202	8318	12878	24872	24181	14692	48683	24425	30915	25764
44	KAUSHAMBI	6163	12000	6343	-	30942	12000	26790	-	11877	-	11850	-
45	ALLAHABAD	12739	29047	17139	20597	15900	18877	17747	-	20293	19008	20003	20177

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	43682	111453	47086	71892	22515	33990	29846	26574	30069	20043	24407	26133
47	FAIZABAD	35861	30805	33950	31850	29359	23337	28158	28633	21433	22888	22406	21571
48	AMBEDKARNAGAR	44836	24911	31584	28954	64669	-	64669	-	35700	20061	35316	-
49	SULTANPUR	15763	-	15711	-	10837	-	10837	-	32677	-	32660	-
50	BAHRAICH	34795	41197	40623	40974	27086	18000	26757	-	21884	30373	24323	21913
51	SHRAWASTI	32405	21962	27271	22383	22107	23172	22777	23070	18868	15109	17433	15142
52	BALRAMPUR	27233	26271	26664	26350	15254	24000	17456	-	26024	27572	26370	27339
53	GONDA	16549	18355	16949	18107	-	18000	18000	-	24838	13076	17628	19014
54	SIDDHARTHNAGAR	19365	16411	17548	17799	26251	-	26252	-	18623	21767	20201	19714
55	BASTI	43457	54846	52034	54647	33872	37727	35015	34617	24359	103990	35851	65937
56	SANTKABIRNAGAR	12188	29037	12288	25467	19090	30000	20652	-	24944	18804	23336	22996
57	MAHARAJGANJ	29737	17339	26043	17469	38048	24848	35650	24877	17766	36365	20977	22257
58	GORAKHPUR	33595	29057	33109	32067	12855	23951	15921	15904	21293	25363	24173	25043
59	KUSHINAGAR	18287	29733	27689	28250	22008	26499	25801	-	11527	31362	28699	12790
60	DEORIA	20368	38796	24732	20862	23585	-	23585	-	17529	16726	17019	16884
61	AZAMGARH	38933	29040	35694	35102	15813	21612	20412	20279	40733	21709	34090	24922
62	MAU	31302	36000	31360	-	24994	60000	32826	-	15869	35341	23583	-
63	BALLIA	20536	41304	25704	27400	30000	29013	29017	-	17979	21124	18744	20623
64	JAUNPUR	15487	9412	14301	10939	20370	21754	20543	21364	21922	23590	22087	23514
65	GAZIPUR	15866	18734	18516	18673	34372	-	34372	-	17562	14709	15877	15710
66	CHANDAULLI	62037	29461	45101	29461	37235	-	37236	-	20813	30000	20115	-
67	VARANASI	27408	51422	31537	29468	63896	28636	43271	30193	19153	14551	15612	14979
68	SANTRAVIDASNAGAR	22551	18773	22189	18784	40675	11040	39991	-	18782	25128	21970	19247
69	MIRZAPUR	27356	65238	45121	37995	47983	21154	28963	-	31202	38488	34791	31434
70	SONBHADRA	36099	23569	27014	30688	30257	25823	26998	-	33453	23582	32326	-
71	KANSHIRAM NAGAR	28014	27870	28001	-	28087	39024	30570	33860	33192	15000	30306	-
	All	26258	25474	25865	25999	44594	30054	37540	30631	26474	26581	26592	26550

Table 4.2.6: District wise estimate of Emoluments per hired worker for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Urban sector and EST

Sector: URBAN **Ent Type: EST**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	37287	49199	48202	48007	40144	51440	47986	48224	24600	35648	31455	-
2	MUZAFFARNAGAR	19086	26862	20915	20013	35276	34496	34989	34773	17806	28079	22073	21663
3	BIJNOR	36527	36939	36667	36817	19198	53032	29191	26973	17734	23422	20909	18018
4	MORADABAD	23481	43176	41907	36754	26538	44272	41833	28376	13907	22048	20872	16137
5	RAMPUR	27455	27391	27446	27391	11192	30470	12133	-	19165	29541	21976	19237
6	JYOTIBAPHULENAGAR	20212	37670	31206	22499	24989	34070	28236	25113	23694	28019	27338	23801
7	MERRUT	36889	44297	40565	42201	42645	52093	44957	44317	42391	31259	37942	39217
8	BAGPAT	28620	34625	32240	-	32967	31492	31865	32600	22452	23471	23045	22922
9	GAZIABAD	46801	33867	40011	38537	47366	29623	35205	30471	28095	33214	32071	30241
10	GAUTAMBUDHNAGAR	62146	44022	46435	44154	43300	51979	51325	51001	61765	216275	118551	63747
11	BULANDSHAHAR	34580	34655	34640	34602	30284	58144	54523	31017	25928	31483	30643	31430
12	ALIGARH	32108	32443	32307	32434	34007	48769	41506	34754	28106	22319	25470	22927
13	HATHRAS	39840	46636	40094	40079	34160	38943	36957	34419	30897	33718	32962	31218
14	MATHURA	36673	36800	36709	36683	36746	20679	32135	27730	50725	32754	46694	37560
15	AGRA	36994	41019	39233	39249	50644	48771	49302	50045	41518	52309	49163	45145
16	FIROZABAD	22363	30240	23125	-	22026	26400	22956	24513	20118	19094	19637	19854
17	ETAH	30330	48202	37905	47832	30731	46066	43113	44028	24201	28846	27157	28765
18	MAINPURI	25676	27653	26400	26837	36019	26343	30347	27602	23954	18294	18821	22567
19	BADAUN	27674	30865	28009	27677	23341	24633	23995	23417	37995	10077	22034	15971
20	BAREILLY	41177	14768	31511	33809	90808	35233	50947	36277	41797	19371	35800	20158
21	PILIBHIT	23581	22158	23105	22841	10575	26427	14603	24814	15423	21557	18478	18890
22	SHAHJAHANPUR	35140	22080	33656	-	18866	24000	19217	-	14446	22790	18834	14797
23	KHERI	21083	31501	27455	22489	29340	30000	29595	29777	29106	36329	33228	29112
24	SITAPUR	25908	13337	22397	18529	20775	28670	24327	23951	27404	24992	26310	26035
25	HARDOI	23618	32827	26671	28037	16349	37565	24898	16541	40844	37234	38449	37736
26	UNNAO	20018	20418	20156	20053	17465	27167	22076	23109	16630	44000	20908	-
27	LUCKNOW	48773	33316	46259	39549	87815	47109	72104	68372	83594	56237	75534	80570
28	RAIBAREILLY	33903	30496	31296	31540	23683	26290	25719	25935	20397	16419	17645	19444
29	FARRUKHABAD	29204	40866	34499	33859	31097	36936	34265	36936	29347	42992	39002	37507
30	KANNAUJ	28185	29328	29178	29327	33955	21414	31258	22499	33690	-	33775	-
31	ETAWAH	34178	15812	26668	33588	42645	13216	33199	-	36477	52579	48785	41500
32	AURAIYA	30264	37626	31238	30893	31853	15506	22638	20664	20952	19203	19983	20452
33	KANPUR DEHAT	45681	-	47126	-	27863	28800	28051	-	35787	-	35787	-
34	KANPUR NAGAR	21640	44483	30214	33697	38870	22837	31148	26404	42266	31664	35903	38217
35	JALAUN	33269	22342	24463	23254	26286	33050	28679	27473	18862	43583	22396	22437
36	JHANSI	32298	19513	23672	19571	30950	48361	42979	38134	57862	20938	30853	40529
37	LALITPUR	30433	19816	21787	20949	29215	15269	17432	21159	26919	21029	21813	21315
38	HAMIRPUR	34534	48637	41922	35296	32004	37076	33129	36887	28725	25330	27912	28516
39	MAHOBA	33096	39730	36830	39466	22506	25000	23288	-	15746	36000	20932	-
40	BANDA	21363	22395	21565	21496	15366	37793	33988	15508	8229	21699	11223	8843
41	CHITRAKOOT	23736	61670	43353	28169	39345	36824	37246	37882	21742	40624	30060	38811
42	FATEHPUR	49851	45585	46813	45789	18018	22872	20603	22626	26949	18540	22925	25225
43	PRATAPGARH	39386	48981	40882	41214	17585	35478	27555	19129	26847	52057	39885	32969
44	KAUSHAMBI	20427	16281	17588	17671	29900	34745	30736	32008	24962	-	24634	-
45	ALLAHABAD	30299	25097	28491	25166	36918	30789	36651	36808	46259	20013	43457	45987

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	21759	18719	19772	20149	48705	25824	45896	26476	49317	25739	44883	25773
47	FAIZABAD	19357	28198	23892	19535	26919	47142	39679	35362	37919	35017	36138	35712
48	AMBEDKARNAGAR	40466	55763	51288	52547	35861	57552	52826	36399	21726	18362	19089	20557
49	SULTANPUR	30153	29287	29883	29708	28642	40649	35463	39236	26698	26913	26734	26909
50	BAHRAICH	21162	25734	24437	22074	24242	61016	55509	40028	31062	35364	32508	31352
51	SHRAWASTI	15031	23134	19563	15652	18837	26674	24140	26612	18826	21822	21085	19540
52	BALRAMPUR	16952	25155	19965	20126	56184	27305	34466	27546	38462	25741	30772	25798
53	GONDA	22623	24038	23220	22773	34894	21226	33566	21851	25088	14942	22491	16044
54	SIDDHARTHNAGAR	19138	22659	20593	22041	28692	19268	25405	19337	21068	21516	21296	21501
55	BASTI	24041	48000	28146	26286	29371	37847	31913	36175	18357	14542	17968	17911
56	SANTKABIRNAGAR	12657	-	12656	-	45550	20583	42605	35976	38512	20677	36801	-
57	MAHARAJGANJ	29596	16058	17962	23313	27500	28887	28403	28279	20292	28752	24386	21423
58	GORAKHPUR	45113	-	45113	-	26515	-	26597	-	20072	23840	19873	23156
59	KUSHINAGAR	30646	72801	49721	30999	30610	25113	28938	27067	29743	19219	26616	20174
60	DEORIA	23082	28631	23721	25696	22911	18000	21736	-	23501	17328	20451	20541
61	AZAMGARH	24192	24808	24609	24674	27568	30320	29326	28650	21712	19611	20616	19803
62	MAU	21215	39939	25531	28950	29676	24667	28524	29560	22889	39500	26040	-
63	BALLIA	41237	48213	44333	45847	23798	43076	33371	35805	22204	60358	25549	24093
64	JAUNPUR	29971	40257	33393	30585	35527	-	35527	-	30215	22087	27572	25709
65	GAZIPUR	30762	27707	29523	29464	19918	15040	19594	19830	20135	14127	16753	19283
66	CHANDAULLI	17798	38401	28412	20800	23824	24418	24126	24372	21064	25703	23510	21784
67	VARANASI	30111	35960	32999	34423	39666	37709	38226	37893	30409	29562	30029	29987
68	SANTRAVIDASNAGAR	34464	21180	34017	24101	20784	27410	26067	22421	14465	20309	17374	16105
69	MIRZAPUR	26755	15636	21094	16574	47175	23543	30180	24488	15794	10559	12810	15791
70	SONBHADRA	31588	5611	14822	6007	44417	6857	10793	7344	53134	9802	37699	9857
71	KANSHIRAM NAGAR	30474	38535	32744	32001	27385	45697	33304	28437	18768	18140	18457	18473
	All	35199	37267	36266	36826	41077	40951	41020	40961	52923	40949	47695	44279

Table 4.2.7: District wise RSE estimate of Emoluments per hired worker for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Rural sector and EST

Sector: RURAL **Ent Type: EST**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	37.68	40.07	31.10	29.60	-	-	-	-	16.35	-	8.18	-
2	MUZAFFARNAGAR	31.89	7.04	12.64	8.85	25.05	-	12.53	-	13.25	4.1	7.79	4.22
3	BIJNOR	60.95	1.75	14.60	1.75	-	4.63	1.99	-	23.45	15.48	11.24	13.50
4	MORADABAD	9.37	8.9	11.87	7.22	-	-	-	-	7.34	30.19	16.32	7.17
5	RAMPUR	5.69	9.41	5.29	4.89	-	0.25	0.13	-	7.56	6.13	3.72	5.17
6	JYOTIBAPHULENAGAR	9.33	34.63	14.67	9.10	10.1	6.43	6.60	5.69	7.15	5.68	4.56	4.45
7	MERRUT	7.17	68.31	58.36	7.15	74.32	29.95	43.67	34.93	2.68	27.6	7.27	2.68
8	BAGPAT	4.7	47.78	30.50	4.68	6.49	-	3.24	-	9.17	12.89	5.97	8.10
9	GAZIABAD	6.28	12.17	7.41	5.59	5.35	-	4.20	-	15.25	5.68	11.94	5.39
10	GAUTAMBUDHNAGAR	10.2	6.54	6.52	5.52	4.12	0.76	2.28	0.75	5.9	8.51	7.10	4.95
11	BULANDSHAHAR	5.34	-	2.76	-	5.13	3.16	2.99	2.70	2.01	-	1.05	-
12	ALIGARH	20.29	17.44	12.61	13.35	19.52	-	8.56	-	19.5	21.45	13.91	14.50
13	HATHRAS	0.57	14.57	8.73	0.57	17.43	15.84	9.85	12.30	31.32	14.88	17.45	13.44
14	MATHURA	23.54	7.82	11.97	7.45	8.09	8.17	5.23	6.34	63.32	20.91	40.39	20.13
15	AGRA	9.35	1.91	4.96	1.87	25	5.09	10.85	5.00	12.57	0.89	7.56	0.89
16	FIROZABAD	4.4	52.52	24.75	4.38	-	11.47	5.70	-	13.61	-	6.72	-
17	ETAH	3.92	15.28	5.17	3.87	4.15	0.15	3.02	0.15	13.85	0.81	6.10	0.81
18	MAINPURI	0.12	-	0.06	-	25.26	-	12.73	-	4.82	7.54	5.81	4.17
19	BADAUN	6.18	39.64	15.81	6.14	-	68.15	33.95	-	2.83	3.88	2.39	2.29
20	BAREILLY	17.57	19.83	12.71	13.24	17.74	-	8.87	-	1.96	10.06	1.89	2.20
21	PILIBHIT	12.41	8.5	7.46	7.02	1.82	12.88	5.09	1.81	38.56	18.58	23.23	16.76
22	SHAHJAHANPUR	6.49	-	3.25	-	6.33	-	2.66	-	15.14	27.68	22.04	13.83
23	KHERI	10.21	11.8	7.60	7.73	14.63	8.26	9.16	7.24	10.65	24.32	12.94	9.76
24	SITAPUR	8.33	23.33	9.22	8.18	-	28.02	10.26	-	11.54	5.69	6.94	5.31
25	HARDOI	-	-	-	-	-	-	-	-	23.52	6.58	6.28	6.78
26	UNNAO	25.25	-	12.63	-	1.2	-	0.60	-	46.37	-	23.19	-
27	LUCKNOW	46.62	19.66	24.74	18.65	1.41	2.74	1.36	1.27	39.36	1.76	12.63	1.77
28	RAIBAREILLY	2.24	5.16	2.71	2.06	32.11	44.43	37.23	28.70	7.91	10.15	6.82	6.28
29	FARRUKHABAD	43.91	39.85	25.09	31.35	22.48	11.3	12.13	10.10	13.09	11.36	9.29	9.87
30	KANNAUJ	17.36	-	7.06	-	6.63	-	3.97	-	9.68	-	4.61	-
31	ETAWAH	7.17	6.38	5.51	5.25	-	-	-	-	33.22	17.27	16.17	17.03
32	AURAIYA	-	9.88	4.90	-	24.33	-	9.74	-	9.92	44.23	30.11	9.79
33	KANPUR DEHAT	14.04	-	7.02	-	54.33	-	27.16	-	19.68	-	9.84	-
34	KANPUR NAGAR	19.03	-	11.51	-	-	-	-	-	-	2.32	1.30	-
35	JALAUN	3.12	21.49	7.54	3.10	1.62	12.92	6.83	1.61	9.98	70.81	46.24	9.90
36	JHANSI	6.81	-	3.41	-	7.5	-	3.75	-	36.25	9.13	23.99	8.92
37	LALITPUR	2.11	18.9	6.55	2.11	8.21	13.35	8.14	7.02	55.98	26.42	29.52	23.91
38	HAMIRPUR	1.74	-	0.87	-	-	-	-	-	31.07	-	15.54	-
39	MAHOBA	28.36	-	14.73	-	27.86	-	13.93	-	18.22	10.19	10.23	8.91
40	BANDA	16.56	25.92	18.21	14.16	-	-	-	-	20.22	7.34	10.77	6.90
41	CHITRAKOOT	7.86	-	3.45	-	4.37	38.91	24.74	4.35	10.07	-	4.97	-
42	FATEHPUR	56.49	4.94	50.30	4.93	-	0.41	0.21	-	3.65	24.76	11.14	3.61
43	PRATAPGARH	20.67	24.21	23.62	18.08	26.63	32.66	18.23	21.50	20.8	10.02	16.85	9.23
44	KAUSHAMBI	27.41	-	13.32	-	10.46	-	6.04	-	5.29	-	2.65	-
45	ALLAHABAD	41.45	18.85	22.19	18.45	-	33.35	17.74	-	7.29	24.71	12.31	6.99

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	13.94	6.47	10.02	6.47	14.91	13.35	9.46	10.16	17.85	33.31	17.55	16.01
47	FAIZABAD	9.07	5.39	5.38	4.64	2.26	7.68	3.39	2.17	6.95	20.08	10.78	6.57
48	AMBEDKARNAGAR	11.54	10.48	9.17	8.05	16.96	-	8.48	-	10.99	-	5.55	-
49	SULTANPUR	26.43	-	13.26	-	34.09	-	17.05	-	39.16	-	19.59	-
50	BAHRAICH	23.85	3.83	10.40	3.78	28.45	-	14.40	-	2.19	27.11	16.96	2.18
51	SHRAWASTI	42.97	13	26.06	12.50	17.2	5.35	8.78	5.11	20.69	2.44	11.25	2.42
52	BALRAMPUR	22.93	7.12	12.22	6.80	-	-	-	-	5.03	2	2.69	1.86
53	GONDA	21.12	7.59	11.10	7.15	-	-	-	-	8.17	15.67	8.18	7.58
54	SIDDHARTHNAGAR	4.87	5.41	3.69	3.63	16.96	-	8.48	-	15.06	17.68	11.79	11.50
55	BASTI	20.37	2.15	8.58	2.14	7.77	14.25	8.55	6.83	19.01	4.26	8.94	4.85
56	SANTKABIRNAGAR	19.07	4.15	10.65	4.20	14.64	-	6.77	-	14.87	28.94	14.11	13.33
57	MAHARAJGANJ	16.28	2.87	9.34	2.83	22.23	1.59	11.88	1.59	20.35	17.62	17.54	14.15
58	GORAKHPUR	11.07	17.96	9.68	9.44	40.63	35.43	31.29	27.97	17.87	4.38	8.20	4.26
59	KUSHINAGAR	31.57	7.49	11.17	7.35	-	23.38	12.01	-	22.79	32.12	18.14	19.87
60	DEORIA	7.1	22.45	17.85	6.84	33.53	-	16.77	-	9.13	4.73	5.24	4.20
61	AZAMGARH	12.22	20.61	10.71	10.61	41.46	16.57	18.30	15.50	30.09	25.45	19.72	20.21
62	MAU	11.28	-	5.63	-	4.88	-	1.86	-	20.57	-	6.92	-
63	BALLIA	4.72	3.34	3.28	2.89	-	0.63	0.31	-	10.98	4.07	5.74	3.82
64	JAUNPUR	37.25	35.52	23.31	26.44	8.85	5.19	5.18	4.48	27.51	5.6	13.98	5.49
65	GAZIPUR	12.54	1.57	5.43	1.56	3.21	-	1.61	-	24.27	21.3	16.66	16.07
66	CHANDAULLI	29	0.12	19.94	0.12	15.12	-	7.56	-	17.84	-	9.23	-
67	VARANASI	14.24	24.78	21.13	12.66	29.3	14.05	22.13	13.03	15.43	6.5	9.94	6.01
68	SANTRAVIDASNAGAR	6.69	0.44	3.40	0.44	6.95	-	3.53	-	1.46	3.88	2.30	1.37
69	MIRZAPUR	37.42	25.11	21.41	22.85	-	15.54	5.68	-	10.49	46.91	26.37	10.25
70	SONBHADRA	2.88	5.06	2.93	2.55	-	11.23	5.37	-	57.21	-	29.60	-
71	KANSHIRAM NAGAR	8.54	-	4.27	-	5.95	4.05	3.76	3.39	3.71	-	2.03	-
	All	8.56	12.57	7.56	7.08	19.53	5.89	11.84	5.66	12.49	7.99	7.39	6.73

Table 4.2.8: District wise RSE estimate of Emoluments per hired worker for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Urban sector and EST

Sector: URBAN **Ent Type: EST**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	14.76	3.73	6.02	3.63	6.54	3.22	3.23	2.90	-	2.57	1.46	-
2	MUZAFFARNAGAR	12.69	24.51	16.77	11.36	16.89	12.82	10.60	10.21	19.65	16.07	12.93	12.76
3	BIJNOR	20.43	13.09	12.13	11.02	8.45	5.6	5.80	5.28	6.79	22.41	12.88	6.51
4	MORADABAD	7.93	3	2.71	2.89	6.45	11.37	6.35	5.71	32.02	32.88	20.38	23.51
5	RAMPUR	35.59	0.25	17.80	0.25	0.35	-	0.16	-	3.18	24.75	16.69	3.16
6	JYOTIBAPHULENAGAR	10.76	14.87	9.63	9.01	3.46	21.55	13.09	3.42	3.08	16.34	8.48	3.03
7	MERRUT	11.68	6.11	6.27	5.43	5.71	10.08	6.44	4.98	7.32	15.72	7.66	6.69
8	BAGPAT	-	17.15	9.21	-	3.69	6.71	3.83	3.23	24.32	25.14	17.44	17.48
9	GAZIABAD	14.45	15.01	10.57	10.54	6.45	2.31	4.45	2.19	9.52	9.48	6.44	6.74
10	GAUTAMBUDHNAGAR	19.7	2.38	13.23	2.36	21.76	6.46	9.74	6.20	15.22	38.13	35.01	14.65
11	BULANDSHAHAR	2.92	4.52	2.69	2.45	8.26	26.17	14.14	7.96	29.32	2.37	12.46	2.36
12	ALIGARH	5.97	0.99	3.01	0.98	12.89	38.93	23.47	12.29	13.97	6.03	8.15	5.55
13	HATHRAS	1.51	6.75	4.00	1.47	6.5	23.85	12.92	6.27	7.76	19.83	10.77	7.23
14	MATHURA	3.52	11.89	6.21	3.38	6.58	10.34	5.02	5.78	2.49	2.33	1.58	1.74
15	AGRA	11.79	9.42	7.43	7.37	8.38	12.69	7.61	6.99	10.9	12.16	7.94	8.17
16	FIROZABAD	17.02	-	8.23	-	12.51	9.09	7.96	7.38	9.09	16.25	9.17	7.94
17	ETAH	13.55	1.24	5.48	1.24	18.57	4.85	7.11	4.73	32.95	3.69	14.81	3.67
18	MAINPURI	12.42	9.67	7.88	7.64	11.97	6.33	7.62	5.63	9.5	21.83	12.21	8.76
19	BADAUN	0.59	16.87	9.30	0.59	5.3	20.05	10.61	5.12	4.86	9.48	4.72	5.31
20	BAREILLY	2.57	11.52	3.18	2.66	18.09	6.45	16.28	6.21	13.97	5.75	8.30	5.43
21	PILIBHIT	15.78	16.14	11.17	11.29	32.08	4.32	12.26	4.36	33.78	21.2	18.75	18.19
22	SHAHJAHANPUR	24.88	-	12.99	-	8.77	-	4.30	-	5.86	17.73	10.96	5.60
23	KHERI	11.02	18.67	11.52	9.61	8.54	5.96	5.20	4.89	1.04	30.11	16.47	1.04
24	SITAPUR	14.92	24.31	11.26	13.41	13.28	11.73	8.94	8.91	27.72	26.53	19.16	19.19
25	HARDOI	2.79	2.09	1.78	1.70	6.91	31.5	23.87	6.80	41.89	18.47	23.98	16.91
26	UNNAO	5.36	17.02	9.02	5.11	28.34	15.45	14.70	13.85	7.35	-	2.92	-
27	LUCKNOW	16.08	19.35	10.97	12.59	17.2	33.53	15.16	15.97	4.8	20.24	7.99	4.70
28	RAIBAREILLY	22.54	16.66	14.66	13.41	38.95	13.93	19.29	13.12	5.95	13.17	7.03	5.44
29	FARRUKHABAD	5.68	4.98	3.81	3.80	20.67	0.16	9.38	0.16	14.24	7.97	6.93	7.06
30	KANNAUJ	13.63	0.41	6.59	0.41	19.92	9.72	11.32	8.84	14.77	-	7.37	-
31	ETAWAH	3.75	44.5	13.41	3.75	-	16.95	3.37	-	35.86	36.95	24.00	26.15
32	AURAIYA	6.08	16	10.08	5.70	21.69	30.25	18.44	18.78	8.24	14.2	8.08	7.13
33	KANPUR DEHAT	10.69	-	5.18	-	24.32	-	12.08	-	5.87	-	2.94	-
34	KANPUR NAGAR	20.69	9.52	10.20	9.13	7.37	6.71	5.22	5.12	8.25	14.01	7.86	7.17
35	JALAUN	22.36	10.05	15.88	9.24	3.55	6.12	3.88	3.08	20.14	21.2	22.30	15.66
36	JHANSI	40.23	4.49	27.51	4.47	20.39	15.57	11.43	12.68	15.82	46.48	21.65	16.45
37	LALITPUR	12.49	6.63	9.23	5.93	6.32	10.34	6.97	5.67	14.77	4.27	9.34	4.11
38	HAMIRPUR	15.73	46.72	27.87	14.97	20.9	3.55	10.29	3.50	5.55	24.59	11.52	5.42
39	MAHOBA	5.31	0.9	2.43	0.89	12.76	-	6.17	-	2.2	-	0.83	-
40	BANDA	8.99	22.33	12.42	8.34	1.4	7.12	3.97	1.38	8.11	14.07	13.92	7.37
41	CHITRAKOOT	4.48	4.74	3.59	3.55	20.5	18.63	14.21	13.79	32.68	5.7	12.43	5.67
42	FATEHPUR	39.74	9.74	21.68	9.46	22.21	4.04	9.97	3.98	8.67	24.82	11.26	8.26
43	PRATAPGARH	3.18	5.27	3.51	2.73	13.08	21.1	14.21	11.49	2.35	2.14	1.60	1.67
44	KAUSHAMBI	12.85	11.45	9.15	8.60	4.66	4.57	3.44	3.27	15.76	-	7.98	-
45	ALLAHABAD	25.86	3.63	13.84	3.60	1.61	14.28	6.05	1.60	0.17	3.84	0.89	0.17

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	13.73	15.04	10.38	10.17	15.85	5.12	8.53	4.92	18.22	1.32	10.02	1.32
47	FAIZABAD	6.67	31.93	19.04	6.54	7.22	4.87	3.79	4.19	35.95	21.85	21.63	18.68
48	AMBEDKARNAGAR	22.06	8.26	9.79	7.79	4.61	18.02	9.94	4.49	18.21	29.52	17.58	15.55
49	SULTANPUR	24.05	24.07	16.92	17.01	9.6	2.47	4.13	2.40	30.98	4.19	15.61	4.15
50	BAHRAICH	18.91	31.16	18.34	16.22	9.67	4.43	3.22	4.42	13.35	43.58	24.55	12.77
51	SHRAWASTI	4.38	9.88	6.08	4.04	28.14	1.77	11.02	1.77	10.3	15.88	9.42	8.66
52	BALRAMPUR	29.94	25.4	20.44	19.75	61.04	11.51	49.96	11.36	25.41	2.54	15.92	2.53
53	GONDA	12.74	34.81	19.06	11.97	26.54	9.55	14.12	9.06	5.17	3.03	3.05	2.66
54	SIDDHARTHNAGAR	9.49	3.7	4.86	3.45	11.61	1.49	6.58	1.48	10.1	1.83	5.08	1.80
55	BASTI	9.63	15	13.44	8.38	30.05	11.56	15.43	10.84	10.21	35.44	15.26	9.83
56	SANTKABIRNAGAR	9.49	-	4.75	-	9.43	26.46	8.14	9.37	6.24	-	3.27	-
57	MAHARAJGANJ	26.01	51.51	31.45	24.17	8.16	6.86	5.27	5.25	5.76	10.35	6.56	5.08
58	GORAKHPUR	6.65	-	3.33	-	2.24	-	1.12	-	24.59	9.75	13.73	9.08
59	KUSHINAGAR	11.6	53.16	39.08	11.42	14.35	12.99	9.45	9.68	4.95	2.42	2.90	2.20
60	DEORIA	41.21	35.2	29.21	26.92	11.26	-	5.93	-	7.02	9.92	5.82	5.79
61	AZAMGARH	9.16	4.72	5.09	4.20	13.47	15.21	10.09	10.10	20.62	7.25	11.39	6.84
62	MAU	5.07	3.21	3.28	2.85	1.65	12.91	5.65	1.64	30.42	-	13.37	-
63	BALLIA	9.97	6.11	5.70	5.22	19.12	8.22	8.64	7.80	7.24	11.67	14.14	6.51
64	JAUNPUR	9.71	28.7	17.84	9.23	11.63	-	5.82	-	11.17	13.7	8.22	8.76
65	GAZIPUR	4.94	6.38	3.95	3.91	2.6	25.39	9.83	2.59	5	17.53	7.98	4.84
66	CHANDAULLI	7.12	7.99	5.84	5.63	26.02	7.35	13.37	7.07	17.27	33.01	19.63	15.35
67	VARANASI	4.2	2.1	2.23	1.88	11.71	3.97	6.38	3.76	10.21	10.53	7.32	7.33
68	SANTRAVIDASNAGAR	9.33	8.06	5.35	6.26	23.8	31.51	19.09	19.15	16.22	18.5	12.75	12.36
69	MIRZAPUR	6.76	3.51	4.48	3.17	30.25	12.37	24.13	11.65	0.6	39.14	16.14	0.60
70	SONBHADRA	11.46	8.03	12.31	7.44	22.15	16.44	45.88	15.25	20.05	3.88	14.14	3.86
71	KANSHIRAM NAGAR	3.05	4.99	3.26	2.62	4.91	11.92	8.42	4.59	21.55	23.66	15.98	15.93
	All	8.22	4.04	4.50	3.63	18.49	5.55	9.66	5.32	16.94	13.59	11.06	10.68

Table 4.2.9: District wise estimate of GVAPW for central, state and pooled sample with pooling Method MATCHING RATIO and INVERSE VARIANCE of Rural sector and OAE

Sector: RURAL **Ent Type: OAE**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	24258	58463	38966	54120	24514	79507	61011	28207	22360	50454	37825	26255
2	MUZAFFARNAGAR	15945	69110	18655	18321	33337	95666	42506	44329	24800	112223	38478	25297
3	BIJNOR	24901	57962	41187	51334	34683	33498	34093	33558	29062	46980	38938	41409
4	MORADABAD	17177	31521	23733	17211	24256	267118	74901	24280	34705	57317	52891	35589
5	RAMPUR	10593	11598	11391	11479	27771	40624	38051	30402	27588	39643	37021	36818
6	JYOTIBAPHULENAGAR	12039	67599	17762	23733	34480	131002	69871	35919	32098	71151	47950	32741
7	MERRUT	20049	31560	21327	31246	56440	35485	49861	51357	49177	37445	45996	40365
8	BAGPAT	27788	78868	49778	45841	23135	84637	43557	27373	45785	54055	46942	48893
9	GAZIABAD	26171	45721	35955	26462	34789	54307	48598	47285	49406	44709	46021	44970
10	GAUTAMBUDHNAGAR	25683	92631	32122	26381	36342	120985	70161	65841	32810	142576	46991	86891
11	BULANDSHAHAR	42187	33318	36030	40769	46608	23952	32909	34877	35756	44768	41160	41948
12	ALIGARH	26130	53183	40696	31575	31480	33649	32279	31833	48061	39471	42368	39526
13	HATHRAS	35350	50596	37094	36229	43407	72768	53217	49542	59034	57182	58287	57716
14	MATHURA	36740	54141	41298	36744	56436	43517	46519	43732	51861	40274	43733	44537
15	AGRA	35971	68063	40504	37559	38739	66696	46839	49370	38280	73654	45452	47279
16	FIROZABAD	11850	99945	16470	12086	26580	83651	65953	27412	32302	142439	99115	32473
17	ETAH	34672	63958	50443	35374	37927	61742	50797	45127	39753	68885	52982	49794
18	MAINPURI	26174	34182	29926	28413	17756	18481	18202	17961	28141	53431	34675	33021
19	BADAUN	27536	27642	27557	27604	29550	42115	33489	33308	37329	64067	43777	38009
20	BAREILLY	15653	39405	27499	27189	35321	69142	46440	37954	32188	47493	38135	38814
21	PILIBHIT	9085	19588	11493	13401	24950	25938	25391	25546	30091	30859	30564	30697
22	SHAHJAHANPUR	15846	58675	19414	18689	33987	78029	46242	75332	42115	62253	45317	48881
23	KHERI	20330	45206	36645	28124	34435	33691	34030	33758	24517	28698	27333	26194
24	SITAPUR	22572	17180	20065	18449	21647	19635	20529	20357	23656	14689	17853	21835
25	HARDOI	7594	9638	7844	8044	15794	33437	21147	15929	20417	32393	26985	24056
26	UNNAO	13439	58720	29974	41926	18413	51425	28997	22977	32687	48861	36078	34790
27	LUCKNOW	16113	20715	17161	19568	26147	51794	40776	33090	26821	53006	43686	33543
28	RAIBAREILLY	32538	43637	36772	41394	13839	20060	17376	17849	28583	21799	23839	25300
29	FARRUKHABAD	9930	20905	11742	12444	18481	30949	26746	19306	32393	40159	37066	34377
30	KANNAUJ	11037	19061	12892	11969	11645	35245	18926	16592	26996	33352	27789	30414
31	ETAWAH	23541	43051	30441	26238	21979	80412	44005	23410	25720	39139	30481	29751
32	AURAIYA	22580	36273	27066	24859	33856	33497	33689	33758	37348	23093	30031	31864
33	KANPUR DEHAT	41880	19381	28695	21328	42432	40126	41238	40317	40139	83410	55916	44474
34	KANPUR NAGAR	21228	64859	41084	22140	37160	93114	59451	38636	39424	78717	60146	71654
35	JALAUN	27540	12782	17151	14886	14457	17135	15675	15460	27380	24378	25801	26650
36	JHANSI	18891	19227	19042	19112	14222	31747	22088	17631	27423	33403	29286	28342
37	LALITPUR	13296	18946	15968	13540	24447	49858	38482	31663	38402	30611	33677	32030
38	HAMIRPUR	23229	95525	32486	41936	46782	65643	53456	48295	34613	2163	27602	2525
39	MAHOBA	20116	46055	22343	30005	22216	26994	23427	23803	34677	48599	36748	37087
40	BANDA	20219	43564	34472	20489	29073	107075	74264	31132	32817	68835	49750	35434
41	CHITRAKOOT	14923	41045	18326	20404	32818	52246	40781	35853	29139	64235	39852	39528
42	FATEHPUR	12346	9364	10943	10193	26675	29313	28200	27366	23815	21887	23149	21918
43	PRATAPGARH	16141	13856	14527	14576	10327	25315	18844	10467	25342	27661	26586	26838
44	KAUSHAMBI	12673	40357	22715	13540	27604	53686	39745	29365	23816	102835	53822	24424
45	ALLAHABAD	10816	20974	14574	12351	24091	50833	32086	48089	25488	29148	26938	28404

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	11803	19380	16505	13026	27804	19811	21674	20208	65045	17607	32020	17915
47	FAIZABAD	16245	33420	28818	16412	42883	28346	34338	33336	27346	37386	32996	27596
48	AMBEDKARNAGAR	16162	45658	31718	17056	30626	54797	41136	48057	25251	55134	34045	33581
49	SULTANPUR	11848	17848	15878	11999	26546	46386	39102	40852	30779	23129	28497	23644
50	BAHRAICH	11453	38201	31126	13654	18908	51739	40911	27686	14279	64548	53808	15913
51	SHRAWASTI	13661	27791	18945	18922	18233	30335	24242	25041	36133	18135	27875	19774
52	BALRAMPUR	31121	42129	39942	40070	31709	45379	39362	42142	30210	34302	32650	32441
53	GONDA	15117	29378	21885	21751	9358	50185	32389	9607	25703	40550	32297	25944
54	SIDDHARTHNAGAR	20903	22865	21518	21894	27913	21296	25314	23753	28537	19334	23064	20113
55	BASTI	24591	54867	34748	35066	32891	86000	62604	36391	37859	45900	41279	39973
56	SANTKABIRNAGAR	21959	87671	24321	29117	41710	83076	59414	75991	20361	79256	46640	42567
57	MAHARAJGANJ	31938	33555	32521	33041	37457	20285	32898	20376	29288	29932	29540	29717
58	GORAKHPUR	19251	25462	21820	19804	32091	45247	37737	35608	24590	35672	29915	25584
59	KUSHINAGAR	51740	22236	38824	26156	33192	45240	38910	34344	23504	28403	25812	24042
60	DEORIA	26652	37954	30105	30760	-7510	35489	9924	35341	29602	30358	29865	29687
61	AZAMGARH	10201	27594	12477	11168	15734	46526	23645	17720	34236	15259	22752	19426
62	MAU	12926	120558	78331	51142	18700	134810	67777	24063	23797	64664	43476	29803
63	BALLIA	26096	26218	26139	26143	12345	67260	26798	12358	21967	30251	23161	28013
64	JAUNPUR	11916	24517	16693	12219	21333	36063	28178	27120	25817	54387	37163	30466
65	GAZIPUR	18914	15728	17293	15761	21151	29800	25434	27045	33590	24148	30178	29032
66	CHANDAULLI	11690	41149	17888	12237	24980	45131	32710	28797	26320	32745	28908	29502
67	VARANASI	10748	30068	15684	28177	22760	68257	41280	57276	17284	81761	34962	19159
68	SANTRAVIDASNAGAR	14632	12567	12987	14167	17076	35500	26477	18967	15650	19137	16749	17119
69	MIRZAPUR	10871	49251	21389	12593	17453	69536	29382	34493	20649	58704	23397	28494
70	SONBHADRA	14943	49122	34591	15456	24986	84726	51508	27935	30682	63504	38521	35532
71	KANSHIRAM NAGAR	13988	77941	36727	16439	29816	74852	53409	30105	44594	87343	71495	85382
	All	16227	30742	22308	17737	26770	57800	41417	27101	30487	40652	35282	33591

Table 4.2.10: District wise estimate of GVAPW for central, state and pooled sample with pooling Method MATCHING RATIO and INVERSE VARIANCE for Rural sector and EST

Sector: RURAL **Ent Type: EST**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	-394	54131	30582	45254	16582	-	16582	-	18564	78000	35509	-
2	MUZAFFARNAGAR	30855	94115	44485	91764	49001	-	49000	-	9706	26106	10762	10898
3	BIJNOR	16364	29783	29364	29754	34111	53585	75905	52041	32721	46812	42978	45438
4	MORADABAD	25016	12591	14838	23299	36533	366000	72171	-	23784	51451	47544	24712
5	RAMPUR	30270	37709	37361	31914	25770	88186	86171	-	20473	38849	36071	23281
6	JYOTIBAPHULENAGAR	30703	31273	31027	30718	5598	146781	19009	6003	55908	108091	79218	65688
7	MERRUT	4304	188443	23698	4310	65112	38759	50928	38799	62361	30406	56289	49942
8	BAGPAT	27599	40926	27723	27722	46780	-	46801	-	60566	24676	55781	30076
9	GAZIABAD	25222	33330	25975	33180	62319	67648	67096	-	63549	131046	16137	98945
10	GAUTAMBUDHNAGAR	79045	125287	11674	93492	86581	207796	70336	116597	38889	107834	48471	79121
11	BULANDSHAHAR	61639	24225	59369	-	69776	190105	11213	70748	41054	39096	40818	-
12	ALIGARH	40096	73103	60449	63012	76828	58500	71068	-	85070	49729	58468	51748
13	HATHRAS	39537	174403	55800	39537	68111	55025	61819	56721	70626	41665	49843	44051
14	MATHURA	54963	51937	56042	54302	79583	81276	80239	81267	75611	60777	73403	61980
15	AGRA	45510	68868	59007	49196	35079	72141	50777	52111	80206	22790	19920	22797
16	FIROZABAD	25417	73442	43954	28062	98835	34240	35035	-	18820	141600	19688	-
17	ETAH	59215	50617	57125	58674	88153	131849	31138	100238	31150	49463	47148	49344
18	MAINPURI	15822	60425	13446	-	44560	20880	43898	-	33105	94427	51042	80094
19	BADAUN	37013	28722	32371	36528	37152	10584	14544	-	16071	582387	67104	16090
20	BAREILLY	28871	32515	30162	29444	90887	-	90887	-	45829	14459	36801	41937
21	PILIBHIT	29993	30625	30195	30363	51306	49516	50607	51273	37904	35353	36011	36727
22	SHAHJAHANPUR	48928	33360	48917	-	33169	88934	50334	34357	32879	57399	42559	40819
23	KHERI	17835	36442	33069	28707	70498	66906	70413	68556	32855	38089	35757	33063
24	SITAPUR	35557	19801	28522	26211	70233	62627	68605	-	42472	17943	35539	24120
25	HARDOI	42407	-	42407	-	-	29182	29182	-	21401	111634	92774	21621
26	UNNAO	90954	46270	85912	59197	32333	-	32332	-	19690	51600	19260	-
27	LUCKNOW	55070	49433	43067	49770	63202	55493	59499	56692	18756	86078	36892	21238
28	RAIBAREILLY	36673	34167	35580	35718	9310	80141	46008	16069	50530	12805	19047	20171
29	FARRUKHABAD	18859	43638	39214	28497	86703	98191	92831	93077	23240	112909	74696	23707
30	KANNAUJ	25621	110076	30436	-	19939	133579	29250	21651	35142	160548	40727	35172
31	ETAWAH	77534	53231	59633	60109	66720	42117	43435	-	35506	34883	64906	35367
32	AURAIYA	16800	16463	16473	-	47884	269410	61150	57675	19841	47001	36730	20453
33	KANPUR DEHAT	61482	27600	54488	-	2188	48000	2110	-	42911	-	42911	-
34	KANPUR NAGAR	57354	70071	66775	69903	64385	49519	52954	-	25087	143244	33768	-
35	JALAUN	57373	19048	50214	48655	4704	14827	26047	4711	11419	18415	14849	12971
36	JHANSI	44290	-	44291	-	74006	-	74014	-	33535	18678	27677	22239
37	LALITPUR	47163	60483	53519	47311	79773	536061	84654	79790	35478	75943	59257	39534
38	HAMIRPUR	79124	183586	88410	82662	84570	-	84570	-	39189	37200	39182	-
39	MAHOBA	42919	36600	41766	-	73840	-	73840	-	24030	43762	28070	25048
40	BANDA	19908	171750	38125	20361	91900	163200	4010	-	26100	54264	38992	26953
41	CHITRAKOOT	47785	50727	48380	48083	51193	114852	80891	52002	40856	26500	40271	-
42	FATEHPUR	26457	41879	39909	36988	5738	545777	44956	-	24713	13722	19842	23303
43	PRATAPGARH	10488	76224	37158	11495	14019	211849	1676	16956	78634	33599	45929	35567
44	KAUSHAMBI	9880	35100	10870	-	59765	55193	57429	55601	17798	-	18108	-
45	ALLAHABAD	22745	47112	31207	30691	70664	61931	66183	-	31054	48251	35275	38668

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	50738	52985	51432	50773	67450	77487	73993	69099	44459	25940	33764	33792
47	FAIZABAD	51153	49197	50056	50427	66884	110330	82421	71502	29509	33096	31812	29642
48	AMBEDKARNAGAR	44284	-108805	45407	38507	45950	-	45949	-	32420	49264	32824	-
49	SULTANPUR	73186	-	71741	-	32661	22800	31549	-	34729	39684	35266	37590
50	BAHRAICH	88819	277201	58735	154605	45676	37613	40885	40004	15447	76954	42319	15904
51	SHRAWASTI	22989	27415	25119	26597	63389	72682	69050	66410	18720	19445	18994	18962
52	BALRAMPUR	63197	36775	47960	40113	33781	32400	33432	-	28655	47216	33653	30559
53	GONDA	25173	88508	55508	25840	-	77598	77598	-	23233	25144	24261	24605
54	SIDDHARTHNAGAR	29339	38150	34868	32298	71999	34200	66643	-	20235	21889	20963	21604
55	BASTI	65711	221813	68796	78838	96115	90484	94035	95245	22805	433455	67109	26665
56	SANTKABIRNAGAR	20220	50560	20884	30352	46645	145668	75264	59828	33223	57804	40285	33852
57	MAHARAJGANJ	56165	34657	50326	42811	56461	59789	56893	56640	23451	94444	35582	24395
58	GORAKHPUR	59882	54298	59106	55968	39002	92240	62084	61672	33340	53065	47312	46503
59	KUSHINAGAR	29110	74564	64485	32571	80296	76693	77349	-	24486	52185	48053	25280
60	DEORIA	29945	282093	14314	29988	60067	-	60066	-	28980	30617	30005	30475
61	AZAMGARH	38054	37139	37741	37224	48591	41716	43213	42856	52849	41838	48857	44407
62	MAU	-5047	71295	22198	66760	45635	113617	75207	49807	31483	64200	43008	-
63	BALLIA	-9775	44298	1507	44050	60540	34188	34388	-	20505	33902	23813	32409
64	JAUNPUR	31218	52072	35421	49513	64683	1029045	22050	102555	26164	147588	41683	27689
65	GAZIPUR	29334	35494	34895	34287	30571	-	30567	-	16490	35689	28537	26912
66	CHANDAULLI	83956	31875	57987	31880	90625	-	90626	-	41814	36000	39752	-
67	VARANASI	25370	79980	37598	29543	19274	73030	89178	31514	30399	41000	37903	30496
68	SANTRAVIDASNAGAR	28354	31435	28830	31074	85470	58150	85092	-	57696	35827	47375	35859
69	MIRZAPUR	97088	78234	88470	79199	50582	51366	80182	-	58818	43684	52450	57955
70	SONBHADRA	23408	41443	33145	25523	61780	89383	82353	-	27955	73227	35582	-
71	KANSHIRAM NAGAR	44739	63396	46975	-	65050	155058	83493	77759	48318	24312	44683	-
	All	41457	48400	44194	43176	85082	160531	25254	89205	37983	62664	48712	43392

Table 4.2.11: District wise RSE of estimate of GVAPW for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Rural sector and OAE

Sector: RURAL **Ent Type: OAE**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	17.19	2.72	5.73	2.75	36.08	41.46	27.97	30.28	12.04	13.3	9.56	9.52
2	MUZAFFARNAGAR	11.55	12.32	23.35	9.82	13.81	10.4	12.90	9.43	12.03	35.16	51.42	11.76
3	BIJNOR	23.01	4.95	7.78	5.00	23.96	5.73	12.51	5.57	10.83	4.5	4.87	4.24
4	MORADABAD	4.88	54.56	36.27	4.86	5.45	49.93	89.04	5.44	5.84	17.53	9.69	5.58
5	RAMPUR	22.75	7.61	11.27	7.22	11.77	15.86	9.49	9.59	12.52	4.82	5.33	4.54
6	JYOTIBAPHULENAGAR	31.89	11	23.56	14.37	15.91	34.04	32.15	15.16	3.9	13.6	10.17	3.79
7	MERRUT	28.1	2.99	13.39	2.98	6.18	17.37	7.10	5.91	9.18	6.94	5.66	5.58
8	BAGPAT	33.05	15.75	15.52	16.11	18.89	18.98	19.11	15.41	34.5	37.66	27.45	25.52
9	GAZIABAD	3.95	18.38	11.77	3.88	18.7	8.98	8.37	8.25	19.3	5.17	10.66	5.00
10	GAUTAMBUDHNAGAR	17.12	46.24	67.02	16.58	23.18	9.52	10.17	10.33	49.42	11.54	24.58	13.29
11	BULANDSHAHAR	6.77	19.65	9.91	6.42	27.84	52.28	27.40	25.84	14.12	7.61	7.40	6.73
12	ALIGARH	14.15	13.85	10.13	10.47	5.82	12.34	7.03	5.27	19.04	1.86	10.83	1.85
13	HATHRAS	2.45	6.92	4.86	2.32	20.3	23.56	18.11	15.82	19.29	12.68	11.58	10.60
14	MATHURA	0.59	26.89	17.63	0.59	27.77	4.68	16.99	4.62	18.81	18.48	14.03	13.29
15	AGRA	9.59	22.21	19.14	8.95	23.25	17.24	15.59	14.36	22.77	20.26	19.01	15.92
16	FIROZABAD	10.63	24.34	73.95	10.41	5.1	13.32	8.51	4.91	5.11	29.35	21.11	5.08
17	ETAH	6.37	22.04	14.14	6.17	10.92	10.19	7.41	7.67	14.93	11.88	9.54	9.65
18	MAINPURI	10.57	12.99	8.74	8.26	9.23	14.11	8.46	7.73	19.32	20.81	17.85	14.79
19	BADAUN	23.55	17.63	14.72	14.11	17.65	18.96	14.24	13.11	9.41	33.95	25.16	9.12
20	BAREILLY	37.6	15.37	15.36	15.52	12.7	22.33	17.31	11.35	12.17	9.44	7.81	7.60
21	PILIBHIT	13.83	7.68	8.53	7.20	13.69	10.69	8.66	8.43	11.36	5.72	6.29	5.11
22	SHAHJAHANPUR	3.89	3.94	6.16	3.19	23.37	2.6	8.86	2.61	12.47	11.86	10.00	8.76
23	KHERI	7.57	5.04	3.75	4.53	20.44	6.59	10.84	6.27	15.96	16.66	11.30	11.56
24	SITAPUR	26.33	19.19	16.94	15.63	33.97	28.03	22.37	21.64	14.65	46.73	21.54	14.17
25	HARDOI	11.18	16.59	11.54	9.32	9.32	50.2	39.84	9.21	27.57	26.3	18.92	19.52
26	UNNAO	29.08	5.11	8.22	5.68	18.57	16.6	15.86	13.81	6.98	12.08	8.77	6.12
27	LUCKNOW	19.64	8.8	10.64	8.07	12.95	10.73	7.98	8.74	21.44	18.46	12.99	14.78
28	RAIBAREILLY	58.46	21.94	28.96	20.66	23.93	12.26	11.87	11.06	15.84	21.45	13.65	12.86
29	FARRUKHABAD	15.4	13.42	13.61	10.79	8.36	18.75	11.23	7.73	9.2	12.67	7.95	7.48
30	KANNAUJ	5.02	8.02	6.31	4.35	30.13	19.33	20.25	18.80	27.94	20.97	18.51	16.86
31	ETAWAH	18.54	25.31	19.28	15.44	11.35	19.58	18.11	10.52	24.1	24.17	18.55	17.43
32	AURAIYA	7.71	10.74	7.88	6.39	24.89	40.96	23.90	21.27	5.94	12.15	5.96	5.46
33	KANPUR DEHAT	14.99	9.97	11.45	8.66	27.42	8.72	14.73	8.31	22.55	32.52	25.57	19.31
34	KANPUR NAGAR	7.21	16.15	12.88	6.84	9.03	21.89	17.37	8.57	24.27	5.69	8.78	5.66
35	JALAUN	28.57	25.1	24.77	19.96	27.68	30.18	20.86	20.47	9.02	17.88	9.71	8.06
36	JHANSI	18.15	12.88	11.11	10.50	26.83	24.46	19.59	19.42	9.01	17.36	10.76	8.02
37	LALITPUR	5.51	18.2	11.04	5.29	46.21	35.98	27.54	30.19	16.01	9.48	10.09	8.19
38	HAMIRPUR	21.09	8.68	14.82	10.06	11.91	28.74	18.40	11.06	5.08	8.63	3.20	7.35
39	MAHOBA	26.31	14.64	19.18	13.87	25.65	29.94	21.11	19.57	7.49	11.68	8.49	6.37
40	BANDA	5.6	24.04	15.28	5.49	14.13	23.3	17.02	13.02	12.06	20.54	14.76	10.76
41	CHITRAKOOT	9.85	6.95	8.76	6.40	15.64	22.83	15.92	13.15	11.35	7.94	7.63	7.02
42	FATEHPUR	25.93	21.21	17.21	16.56	24.96	38.13	23.07	20.90	64.84	9.08	33.63	8.99
43	PRATAPGARH	30.49	24.1	20.47	18.96	8.37	35.19	23.75	8.22	35.58	24.18	21.11	20.02
44	KAUSHAMBI	6.5	11.35	10.24	5.99	12.87	24.59	17.20	11.68	10.82	28.46	27.29	10.51
45	ALLAHABAD	22.88	27.96	21.84	18.46	24.96	4	9.89	4.01	20.02	8.84	10.61	8.10

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	10.39	14.42	9.25	8.62	18.57	5.96	12.22	5.70	54.94	16.42	55.98	16.08
47	FAIZABAD	14.22	69.72	40.63	14.01	25.94	28.37	19.99	19.55	5	22.9	13.14	4.89
48	AMBEDKARNAGAR	8.6	17.22	12.59	8.02	18.3	6.36	8.02	6.16	30.61	22.55	21.50	19.55
49	SULTANPUR	6.21	25.66	14.61	6.05	28.29	10.07	11.31	9.71	26.36	9.42	14.74	8.90
50	BAHRAICH	22.37	22.4	14.35	17.98	52.02	31.47	23.25	30.41	3.58	4.32	2.63	3.16
51	SHRAWASTI	19.46	12.42	11.50	11.13	22.47	11.91	11.27	10.82	31.54	19.89	21.44	17.39
52	BALRAMPUR	17.16	6.08	7.41	5.76	15.57	6.06	7.18	5.70	13.13	10.56	8.23	8.25
53	GONDA	19.23	10.61	9.74	9.77	17.16	40.81	31.71	16.66	8.91	43.93	27.80	8.76
54	SIDDHARTHNAGAR	21.02	19.02	14.37	14.12	12.14	12.23	8.44	8.69	19.99	8.97	12.93	8.25
55	BASTI	20.01	12.33	12.04	11.35	13.41	19.31	13.72	11.71	11.42	15.77	10.21	9.29
56	SANTKABIRNAGAR	27.36	19.6	37.42	19.48	48.63	11.1	18.75	11.05	20.32	6.71	7.22	7.67
57	MAHARAJGANJ	17.06	11.08	10.14	9.29	10.02	1.35	5.72	1.34	11.09	7.68	6.74	6.31
58	GORAKHPUR	20.31	49.12	30.03	18.84	15.34	18.01	12.61	11.83	7.97	17.5	10.94	7.31
59	KUSHINAGAR	33.52	30.53	23.99	24.17	21.08	47.56	29.07	19.37	7.61	17.92	10.45	7.02
60	DEORIA	20.93	19.45	15.37	14.47	243	3.02	92.10	3.03	5.54	15.13	8.17	5.20
61	AZAMGARH	14.93	22.75	25.89	13.25	12.85	16.55	16.83	11.04	32.86	39.11	27.99	27.14
62	MAU	26.92	3.89	3.73	5.46	14.04	8.85	9.01	10.66	5.29	4.69	3.78	3.90
63	BALLIA	20.5	25.71	16.46	16.03	2.4	29.12	36.55	2.40	23	10.16	12.77	9.37
64	JAUNPUR	9.26	28.66	21.30	8.92	25.89	19.04	15.64	15.87	14.07	15.15	12.12	10.91
65	GAZIPUR	57.88	7.07	31.82	7.02	28.52	13.84	14.37	12.59	12.71	18.3	10.18	10.58
66	CHANDAULLI	13.95	28.82	33.46	13.20	37.02	42.39	32.48	28.91	35.34	28.68	22.86	22.40
67	VARANASI	41.87	4.93	15.10	5.00	56.84	10.69	17.99	11.10	24.06	29.39	34.88	21.39
68	SANTRAVIDASNAGAR	16.7	36.06	19.82	15.18	13.9	19.77	13.99	11.85	10.82	10.37	7.79	7.52
69	MIRZAPUR	8.14	8.29	9.77	6.87	36.59	13.17	19.00	15.19	33.32	23	32.38	21.51
70	SONBHADRA	9.23	22.74	16.27	8.86	49.89	64.57	54.47	43.51	22.45	26.05	23.26	17.90
71	KANSHIRAM NAGAR	15.56	13.99	15.14	12.98	6.05	29.99	21.08	5.97	13.4	1.5	4.28	1.50
	All	5.52	8.55	6.22	4.78	4.17	18.61	13.06	4.10	4.04	4.57	3.16	3.06

Table 4.2.12: District wise RSE of estimate of GVAPW for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Rural sector and EST

Sector: RURAL **Ent Type: EST**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	1778.99	5.71	12.52	6.25	-	-	-	-	12.89	-	3.37	-
2	MUZAFFARNAGAR	38.97	2.51	13.77	2.53	9	-	4.50	-	8.99	11.94	15.04	7.71
3	BIJNOR	31.68	0.81	8.84	0.81	31.85	5.95	7.46	5.88	39.83	9.15	15.96	8.96
4	MORADABAD	6.63	32.9	15.04	6.61	-	-	-	-	11.43	28.36	15.61	10.81
5	RAMPUR	6.9	10.4	5.95	5.78	-	0.13	0.07	-	9.09	11.28	6.60	7.36
6	JYOTIBAPHULENAGAR	3.98	23.84	12.17	3.93	29.49	20.97	81.08	27.46	23.89	25.73	19.47	18.33
7	MERRUT	15.16	61.38	244.05	15.14	4.56	0.3	2.92	0.30	4.98	12.81	4.42	4.86
8	BAGPAT	5.35	37.39	27.73	5.30	1.21	-	0.60	-	15.78	16.3	9.29	12.33
9	GAZIABAD	13.98	1.45	6.85	1.44	2.1	-	0.98	-	20.03	9.25	54.46	8.87
10	GAUTAMBUDHNAGAR	14.37	13.45	87.04	10.07	11.07	8.04	13.69	7.13	9.42	2.87	4.95	2.99
11	BULANDSHAHAR	6.99	-	3.63	-	4.68	19.03	161.97	4.60	10.35	-	5.20	-
12	ALIGARH	19.48	7.09	7.75	6.85	16.02	-	8.66	-	39.47	16.62	29.57	15.51
13	HATHRAS	0.59	75.17	117.47	0.59	18.36	8.77	10.84	7.94	25.75	13.08	19.05	11.85
14	MATHURA	11.56	23.15	12.13	10.34	60.16	4.32	29.91	4.31	51.02	18.86	27.41	17.73
15	AGRA	10.29	15.71	9.99	8.74	14.28	7.53	7.28	7.07	59.09	2.34	118.97	2.34
16	FIROZABAD	5.35	7.67	6.59	4.71	-	9.18	4.49	-	4.66	0	2.23	-
17	ETAH	5.06	22.85	10.46	4.94	4.55	4.92	12.25	3.40	22.76	1.16	7.54	1.16
18	MAINPURI	0.34	-	0.20	-	35.84	-	18.19	-	12.55	2.43	4.65	2.51
19	BADAUN	7.41	38.31	17.52	7.29	-	29.97	10.90	-	11.39	54.58	236.85	11.38
20	BAREILLY	4.96	10.2	5.99	4.47	6.64	-	3.32	-	3.01	25.35	5.32	3.08
21	PILIBHIT	10.79	8.88	7.00	6.86	2.5	18.93	9.35	2.48	20.84	24.15	16.15	15.79
22	SHAHJAHANPUR	5.61	-	2.81	-	3.92	9.91	8.85	3.74	13.93	11.53	9.46	9.23
23	KHERI	25.58	10.56	9.02	10.25	10.16	9.87	6.92	7.08	9.45	40.02	21.75	9.20
24	SITAPUR	18.66	27.75	15.10	16.15	-	25.53	11.65	-	18.14	24.91	12.53	16.03
25	HARDOI	-	-	-	-	-	25.93	12.97	-	6	23.29	14.03	5.93
26	UNNAO	5.43	6.81	3.41	4.49	2.14	-	1.07	-	47.92	-	24.49	-
27	LUCKNOW	80.22	22.53	52.89	21.70	19.21	9.39	11.10	8.45	15.58	17.35	20.62	13.50
28	RAIBAREILLY	15.72	21.51	13.13	12.70	68.47	24.49	22.43	37.73	11.75	22.84	17.37	13.01
29	FARRUKHABAD	59.98	32.49	23.13	31.03	21.95	17.36	13.76	13.64	7.99	22.74	17.23	7.81
30	KANNAUJ	18.87	-	7.94	-	28.62	34.54	79.47	26.16	2.29	32.19	63.46	2.29
31	ETAWAH	11.19	10.24	8.59	7.68	-	4.29	2.08	-	36.94	70.1	21.38	32.68
32	AURAIYA	-	14.66	7.33	-	49.34	40.78	91.89	40.05	15.53	43.17	27.94	14.89
33	KANPUR DEHAT	17.9	-	10.10	-	64.49	-	33.44	-	47.53	-	23.77	-
34	KANPUR NAGAR	18.35	1.74	7.93	1.73	-	26.23	12.26	-	-	53.76	114.03	-
35	JALAUN	5.81	32.25	6.96	6.02	11.09	129.4	36.84	11.07	46.67	54.2	38.10	36.24
36	JHANSI	3.93	-	1.96	-	5.98	-	2.99	-	25.9	26.11	18.00	19.12
37	LALITPUR	4.1	30.16	17.14	4.06	2.72	65.94	208.78	2.72	47.88	67.02	45.27	40.76
38	HAMIRPUR	3.41	7.85	8.29	3.21	-	-	-	-	32.47	-	16.24	-
39	MAHOBA	11.63	-	5.98	-	32.99	-	16.50	-	9.68	22.79	18.24	9.04
40	BANDA	16.79	35.56	80.22	16.39	56.95	-	652.58	-	3.06	8.33	5.89	2.92
41	CHITRAKOOT	10.65	29.88	16.52	10.03	2.76	10.84	7.74	2.70	15.69	-	7.96	-
42	FATEHPUR	46.66	20.09	18.72	18.80	-	5.18	31.44	-	4.33	20.33	7.53	4.29
43	PRATAPGARH	30.69	33.85	34.99	27.79	41.72	22.49	1432.05	34.24	17.23	8.62	15.08	7.96
44	KAUSHAMBI	46.76	-	21.25	-	24.33	8.25	13.27	7.82	5.69	-	2.80	-
45	ALLAHABAD	22.19	15.4	14.16	13.50	-	34.19	16.00	-	19.68	14.21	13.02	11.80

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	6.43	48.85	25.36	6.38	14.13	27.74	15.89	12.61	18.49	27.19	16.04	15.84
47	FAIZABAD	7.08	9.58	5.94	5.69	3.18	5.59	3.96	2.81	8.15	37	19.61	7.96
48	AMBEDKARNAGAR	26.94	55.37	67.63	30.39	15.72	-	7.86	-	13.14	-	6.49	-
49	SULTANPUR	77.39	-	39.47	-	27.05	-	14.00	-	60.77	45.49	39.38	36.49
50	BAHRAICH	38.66	16.91	49.46	17.92	12.05	9.5	8.03	7.49	8.56	19.87	18.13	8.28
51	SHRAWASTI	24.02	9.59	12.17	8.92	23.26	29.23	18.73	18.24	12.81	17.43	10.93	10.32
52	BALRAMPUR	32.7	21.37	23.05	18.31	-	-	-	-	10.58	18.99	14.06	9.40
53	GONDA	25.23	69.54	55.74	24.45	-	31.55	15.78	-	17.19	9.96	9.72	8.62
54	SIDDHARTHNAGAR	12.65	13.68	9.18	9.36	26.75	-	14.45	-	16.13	6.8	8.56	6.27
55	BASTI	11.2	10.95	18.45	8.93	12.23	30.38	15.90	11.35	24.79	13.39	43.45	21.10
56	SANTKABIRNAGAR	23.07	13.03	19.33	12.54	4.21	3.44	3.58	3.06	10.56	37.46	27.23	10.23
57	MAHARAJGANJ	7.66	9.7	5.42	6.19	4.05	16.04	8.66	3.93	15.24	32.59	43.54	14.55
58	GORAKHPUR	13.23	9.53	8.00	7.74	66.03	32.42	31.78	31.64	25.63	11.37	11.05	10.60
59	KUSHINAGAR	14.45	19.65	11.82	12.41	-	17.95	8.90	-	10.8	29.49	16.25	10.31
60	DEORIA	6.22	50.54	498.05	6.21	29.89	-	14.95	-	14.5	4.23	7.33	4.06
61	AZAMGARH	32.53	10.66	17.22	10.13	51.66	26.83	31.80	23.85	34.08	23.75	21.05	19.59
62	MAU	247.88	4.41	29.06	4.57	10.53	16.54	12.90	9.35	31.28	-	11.45	-
63	BALLIA	107.51	1.61	349.48	1.62	-	2.61	1.30	-	24.56	5.26	11.22	5.19
64	JAUNPUR	92.18	20.67	43.37	20.36	41.3	12.84	305.68	25.53	17.54	27.57	49.12	16.47
65	GAZIPUR	17.82	7.27	8.35	6.75	46.4	-	23.20	-	28.56	12.11	11.20	11.83
66	CHANDAULLI	59.65	1.52	43.18	1.52	18.59	-	9.29	-	20.51	-	10.79	-
67	VARANASI	17.21	18.98	21.01	14.20	33.72	16.39	7.64	18.12	13	100.1	54.39	12.90
68	SANTRAVIDASNAGAR	7.43	2.44	3.89	2.32	11.65	-	5.85	-	60.83	3.75	37.07	3.74
69	MIRZAPUR	91.96	26.51	51.80	25.51	-	3.63	1.16	-	9.89	54.15	23.22	9.75
70	SONBHADRA	5.84	9.05	6.02	5.03	-	10.44	5.67	-	26.6	-	10.45	-
71	KANSHIRAM NAGAR	33.37	-	15.89	-	18.2	18.83	18.87	14.11	8.38	-	4.53	-
	All	10.18	15.2	9.60	8.48	12.43	27.4	89.57	11.53	14.36	16.43	11.96	11.11

Table 4.2.13: District wise estimate of GVAPW for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Urban sector and OAE

Sector: URBAN **Ent Type: OAE**

Dist code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	47369	122882	71863	48486	52683	97062	67418	69664	35692	69231	49280	62081
2	MUZAFFARNAGAR	49855	114843	64607	85153	58593	177238	9548	162938	41580	127429	79867	43474
3	BIJNOR	27628	126282	44351	27988	51953	74444	56220	52856	41494	65555	51463	42963
4	MORADABAD	23113	175255	83545	23547	48170	164772	6632	55204	40388	84137	60864	41839
5	RAMPUR	30060	44052	25574	33883	27415	45380	37241	36499	33944	41480	35206	34504
6	JYOTIBAPHULENAGAR	22034	70946	30148	26592	42945	182033	6421	55930	35422	91841	67849	36066
7	MERRUT	27621	90735	37321	50163	64173	102144	72906	83431	60469	82844	63999	68012
8	BAGPAT	39860	74259	48417	41376	48033	78333	60097	49798	41939	63909	47280	46798
9	GAZIABAD	22359	88923	29950	22778	39701	80418	58614	39872	58371	55678	54643	58351
10	GAUTAMBUDHNAGAR	54870	40680	48264	-	65834	130254	56956	66240	76161	100835	75309	78527
11	BULANDSHAHAR	46843	154211	57170	61562	77100	212053	6108	100826	43879	118108	67204	52143
12	ALIGARH	38190	74611	34994	39130	46384	115535	63943	46802	49472	62582	51781	53593
13	HATHRAS	39484	111308	48826	52286	42725	99953	59129	45282	48274	63196	42755	57512
14	MATHURA	20126	131653	26752	22113	41244	118994	53717	92420	41559	98047	60093	59597
15	AGRA	27060	91585	36366	41153	52111	89233	63328	72051	46125	91121	59811	62032
16	FIROZABAD	36952	126757	37547	41975	34459	128775	83536	38871	39437	59246	44824	56925
17	ETAH	30891	236709	87222	55148	55506	215327	22296	57968	71936	154248	9856	76998
18	MAINPURI	31340	92698	39872	31881	37069	109342	47336	39314	34681	101685	49211	45184
19	BADAUN	37722	54613	36986	40438	41777	119726	61837	46707	44192	48587	44066	44652
20	BAREILLY	18416	61343	33879	19816	46381	300299	36172	48829	37753	86079	62553	48079
21	PILIBHIT	15829	34531	14736	33805	45146	56551	42609	46320	52332	60918	50358	53116
22	SHAHJAHANPUR	17449	65838	25304	49063	32103	107168	48026	34112	38242	69983	41913	62966
23	KHERI	23816	68936	35446	41684	48165	60110	52180	57621	32290	90424	63793	53941
24	SITAPUR	19926	35854	20775	35350	66304	70851	68165	66389	38265	37947	33248	37964
25	HARDOI	25811	47692	25455	27364	47013	43813	39824	46247	27994	64619	41808	28428
26	UNNAO	10823	106768	25927	14268	42250	99491	54946	59755	27710	135728	60283	27989
27	LUCKNOW	26628	61315	41881	38850	37146	273543	38196	37384	45894	83451	61719	57758
28	RAIBAREILLY	29887	52706	30939	29978	54993	60581	46141	57692	47642	51919	33811	47901
29	FARRUKHABAD	23562	79227	33810	49094	34472	120063	53400	53218	36732	65433	44352	48885
30	KANNAUJ	9563	44363	13494	22593	26843	106942	53264	31819	37065	128941	39480	37350
31	ETAWAH	20230	68657	23980	21088	43049	78855	54794	77535	44548	55217	47707	46619
32	AURAIYA	42595	60724	46233	44232	34998	60188	45167	35076	43168	64097	48012	50682
33	KANPUR DEHAT	45954	59179	41320	58492	60612	82145	54655	81506	60844	57138	34963	57711
34	KANPUR NAGAR	37547	74941	37475	37798	58012	124018	69042	80773	52085	112816	60218	52805
35	JALAUN	47963	42602	35654	42899	38486	81595	44279	38859	42838	43858	42300	43492
36	JHANSI	40216	65277	44372	43069	58820	59812	50068	59352	31179	65417	36232	31855
37	LALITPUR	15487	31012	22041	29352	28484	619808	42674	28602	32052	47500	43369	38596
38	HAMIRPUR	51536	43345	44517	51490	24154	153334	22914	28636	62247	87103	63238	64997
39	MAHOBA	20133	100161	28759	20299	21691	66899	43739	30823	31652	77335	40602	34653
40	BANDA	32439	114744	43236	60048	46412	243802	10009	56965	35116	123214	53993	41952
41	CHITRAKOOT	38027	57909	43299	55170	41924	96687	64648	44094	34856	58155	38182	39848
42	FATEHPUR	69742	316464	35619	69946	68860	411018	41021	72933	42110	68134	46210	42594
43	PRATAPGARH	25375	50722	30029	26886	51137	439274	79814	51464	47571	143517	82798	47973
44	KAUSHAMBI	14003	103896	39126	15724	31370	125954	59030	31606	23179	81415	42071	24349
45	ALLAHABAD	18939	67522	26742	24418	37997	144724	57168	40521	27155	61663	34511	57891

Dist code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	19301	49571	18651	19661	43847	49963	39414	45727	25096	37708	24625	26004
47	FAIZABAD	25936	74345	30187	26356	34661	125749	56608	34816	32378	70504	36372	43159
48	AMBEDKARNAGAR	16023	112504	29796	24234	28780	186241	90818	28924	28020	98367	48004	28317
49	SULTANPUR	29107	49482	35187	34921	37887	74070	45921	38070	36741	48073	36616	36754
50	BAHRAICH	28430	178275	61343	29594	68560	155707	8052	70078	51951	121488	73093	114235
51	SHRAWASTI	36148	74062	45850	43299	49389	88747	67069	56939	30958	45242	34037	35295
52	BALRAMPUR	24456	69328	34119	46587	56486	86368	58171	64915	32995	66983	39167	36741
53	GONDA	37453	70881	49381	38603	38263	138644	69822	38940	25770	196792	82832	26114
54	SIDDHARTHNAGAR	29358	57441	30726	33628	63303	60348	58960	60971	39259	52597	37706	40186
55	BASTI	26034	66395	35071	40907	48738	192658	7366	49641	48253	81248	51120	51456
56	SANTKABIRNAGAR	30365	124554	38912	31989	61719	151163	80429	86424	23732	119374	43815	23998
57	MAHARAJGANJ	26468	61519	33450	58945	60447	108720	67343	86997	44568	62469	46643	62449
58	GORAKHPUR	30429	165469	56253	31835	76801	344691	31569	104802	37077	121696	44529	37528
59	KUSHINAGAR	21188	39317	23235	22436	52750	124949	63302	54809	50559	43214	43758	45981
60	DEORIA	23378	45338	23678	28050	45938	50777	45352	50420	45323	42470	42407	43329
61	AZAMGARH	26236	58077	24860	41686	61569	92125	65356	83952	45189	78995	55431	66677
62	MAU	13758	199801	40761	15508	55628	197158	90189	59751	52317	60703	55431	52869
63	BALLIA	18509	67180	25297	23317	30249	73323	50011	49536	28361	58047	30794	36382
64	JAUNPUR	16460	78860	30024	36923	40295	188348	77839	57488	36852	92161	44802	49288
65	GAZIPUR	10143	33163	11743	10301	44375	99340	47247	49602	34059	46446	32786	46182
66	CHANDAULLI	13756	75595	23614	13849	33782	101384	65279	36995	29330	101719	51688	41802
67	VARANASI	19039	97784	35571	24136	69719	386707	10334	147365	33675	107890	60672	34712
68	SANTRAVIDASNAGAR	5616	42686	12695	5728	21956	83875	36842	23959	27462	66893	37926	30347
69	MIRZAPUR	11528	51934	12978	20656	26400	130821	59723	41842	23920	97509	36341	24608
70	SONBHADRA	32472	97486	68584	33699	32502	175482	9969	43851	71604	78578	72384	78197
71	KANSHIRAM NAGAR	30393	185470	50508	34751	76103	139990	94181	78351	39394	104661	61376	45258
	All	23980	87328	36179	25060	54134	166217	88298	68992	43423	81855	54014	52778

Table 4.2.14: District wise estimate of GVAPW for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Urban sector and EST

Sector: URBAN **Ent Type: EST**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	63376	389708	78076	103457	55066	452765	47483	58522	30773	176726	51990	-
2	MUZAFFARNAGAR	32676	165606	38847	44023	73957	373024	94696	118399	22533	453364	49224	22865
3	BIJNOR	79979	159960	74352	157775	53927	281059	72904	96490	45465	298568	55704	47237
4	MORADABAD	30978	312704	70877	36574	50581	2072810	64718	50760	25849	231023	38576	33006
5	RAMPUR	41879	90880	41094	86619	25480	149729	28053	-	27854	198698	40105	28127
6	JYOTIBAPHULENAGAR	39504	257965	62504	42940	38642	520775	73960	38655	38665	1520680	20191	38719
7	MERRUT	67539	360669	80753	73660	11528	1002857	91675	11530	87260	324811	73976	90481
8	BAGPAT	54593	235471	76825	-	87741	330065	94820	87992	43632	279857	46447	45725
9	GAZIABAD	60354	306320	69814	125023	49365	223959	5251	59414	39920	289851	61280	130109
10	GAUTAMBUDHNAGAR	95954	1130125	28177	207355	83121	831277	215	174911	92242	2961345	64974	92767
11	BULANDSHAHAR	52411	280862	60391	52479	83284	496580	20417	86514	50725	320613	91459	64922
12	ALIGARH	46358	885753	569	48046	91573	930014	55419	93023	43033	417761	1729	46643
13	HATHRAS	60787	242906	62283	61429	59500	159010	78217	69334	38314	281592	44819	40494
14	MATHURA	99612	240311	91379	171614	10466	194351	97667	11315	79145	355729	80805	90928
15	AGRA	48283	337158	64293	54048	89691	394678	14810	112498	75939	446790	94308	109670
16	FIROZABAD	31630	329100	37247	-	48910	168600	51530	149857	32323	274972	46208	33216
17	ETAH	48456	383603	92982	167349	62213	602164	45134	72035	44649	382620	85862	377431
18	MAINPURI	44901	130551	46370	65843	11452	301153	993	11864	42471	235329	50612	44014
19	BADAUN	48661	163984	48395	61335	62726	486656	1186	65387	47456	114545	34420	109747
20	BAREILLY	89615	104051	75183	102911	27079	337333	59755	44063	13865	125723	93661	18071
21	PILIBHIT	36909	122483	40599	114613	40514	176448	49353	151469	36416	165914	43332	36527
22	SHAHJAHANPUR	38667	98860	38479	-	48743	250500	53781	247500	27829	173567	37356	30669
23	KHERI	44529	192495	48921	57037	81432	183875	31124	104803	55112	299114	55983	68175
24	SITAPUR	43844	85195	37518	79396	75759	261182	76989	100148	55918	206755	50191	84632
25	HARDOI	31290	205411	33618	32648	40563	136353	43984	41835	75593	291249	64498	168650
26	UNNAO	31066	180389	43746	31373	9263	726176	36558	9267	52638	145553	54715	57414
27	LUCKNOW	94798	284899	91922	168661	37076	938358	76328	37632	42555	1355805	49972	42620
28	RAIBAREILLY	77004	143200	49659	97337	3260	841015	69924	3276	41381	152388	33735	52165
29	FARRUKHABAD	40736	166587	47301	42609	62330	367034	83519	89526	46590	796062	63404	49877
30	KANNAUJ	44959	710864	52498	47632	11476	178531	98349	14534	43250	-	43399	-
31	ETAWAH	55872	329651	91921	56296	43983	144887	23697	-	61105	360936	51937	65653
32	AURAIYA	48915	287965	58259	49450	56280	372319	6141	57056	30094	167686	30786	33683
33	KANPUR DEHAT	57272	-	57486	-	79512	323814	23639	83187	52202	48000	52186	-
34	KANPUR NAGAR	36393	261035	73763	37197	99251	334123	37883	115265	67958	222874	64270	87636
35	JALAUN	55481	-7527	10204	55353	66950	-175266	8958	66719	40356	920102	68394	40385
36	JHANSI	50612	82935	37706	66495	52355	396409	16904	58154	80308	232635	52652	86650
37	LALITPUR	55736	85417	31707	65319	87970	260729	7161	103097	55144	346312	49274	94303
38	HAMIRPUR	63208	141615	63987	63736	67061	347556	7570	77498	53497	96701	50486	62620
39	MAHOBA	52810	331949	57610	55114	45322	140800	45745	-	27498	477600	31931	-
40	BANDA	38441	284410	53692	38899	43656	1025333	68381	44251	32016	456439	44753	38646
41	CHITRAKOOT	42625	239796	67994	43577	94086	201274	90614	128370	37349	247069	52719	66001
42	FATEHPUR	66704	355503	83321	67796	44457	589443	44981	72554	52577	185704	43108	108867
43	PRATAPGARH	58614	170394	61071	61277	37269	706814	78165	37539	56633	944734	41171	57047
44	KAUSHAMBI	44704	143614	29003	55354	59102	718062	3328	175823	55753	-	55987	-
45	ALLAHABAD	40832	244619	59375	187064	63146	493887	66813	73789	64851	224326	63181	89850

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	54167	123832	28776	60725	8908	176134	3453	8969	69971	246729	62059	72451
47	FAIZABAD	29762	185045	43994	31181	60759	378016	68071	65609	45420	330079	55440	49435
48	AMBEDKARNAGAR	33162	413069	55684	33347	64035	1402467	97482	64474	25085	253042	32772	25132
49	SULTANPUR	37903	146345	41525	42541	71131	350584	4712	122842	41483	260145	45224	41692
50	BAHRAICH	46929	540858	7722	47527	64116	8542766	63420	64118	34441	404816	58148	81720
51	SHRAWASTI	26666	143056	39482	26817	50142	202013	74946	58154	41179	165753	34037	57761
52	BALRAMPUR	37577	140966	41674	40975	41387	189151	54478	184401	58023	135258	45212	62573
53	GONDA	34193	221257	50473	34462	70243	247218	1639	224362	33420	254300	40645	34723
54	SIDDHARTHNAGAR	37298	133536	40380	47398	64366	103668	55545	98722	30082	108842	33115	36129
55	BASTI	33186	276205	45250	34596	1050	273444	97646	1075	19434	91794	19807	19629
56	SANTKABIRNAGAR	51224	-	51222	-	75346	239868	75791	163917	46009	163040	43431	-
57	MAHARAJGANJ	59234	211876	43652	99347	83092	240849	87455	84571	42894	211042	49807	42938
58	GORAKHPUR	80418	-	80418	-	19988	-	12877	-	62092	165810	57712	158221
59	KUSHINAGAR	47189	471633	79919	47236	72723	202162	73830	73066	53745	227422	52847	63263
60	DEORIA	88305	145146	85602	119173	83803	162000	83201	-	27098	242862	31255	33452
61	AZAMGARH	47853	121826	39496	78203	67729	821149	84042	67934	37150	205713	40898	78336
62	MAU	35078	192805	65199	64575	8354	251878	7189	9074	65319	335366	67342	-
63	BALLIA	59735	258061	68080	71843	79940	252063	78898	218587	29114	209609	36935	34565
64	JAUNPUR	49745	198477	50528	49801	71944	-	71944	-	51879	227142	49998	53892
65	GAZIPUR	38319	124161	39376	41898	93796	47863	78394	73286	37545	128742	24915	52758
66	CHANDAULLI	26594	208229	34903	26624	47867	121215	44471	113882	43260	263665	49772	63276
67	VARANASI	48178	407114	67816	50690	11829	592345	20348	11857	54653	448873	72119	71983
68	SANTRAVIDASNAGAR	39662	190716	39693	44640	18569	334824	65311	18718	30354	177608	37830	31997
69	MIRZAPUR	37584	187303	30654	183368	20505	245245	82733	224581	30463	179473	32901	30499
70	SONBHADRA	41604	87995	40712	61108	64666	272019	22040	66184	43342	255656	49927	44716
71	KANSHIRAM NAGAR	49307	188886	57976	49682	80540	306906	4896	80721	36001	277559	48576	58843
	All	57862	349248	73035	65183	90251	530781	32883	105618	86044	491607	92689	104098

Table 4.2.15: District wise RSE of estimate of GVAPW for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Urban sector and OAE

Sector: URBAN **Ent Type: OAE**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	11.9	37.43	32.24	11.54	32.91	22.69	20.79	19.56	24.11	6.47	9.84	6.40
2	MUZAFFARNAGAR	19.34	7.7	10.13	7.65	41.59	5.09	136.08	5.19	4.69	10.19	8.22	4.44
3	BIJNOR	7.23	26.13	37.27	7.12	6.95	23.71	16.02	6.69	9.02	22.39	14.72	8.44
4	MORADABAD	6.63	16.34	17.16	6.50	8.84	10.2	130.71	7.48	9.53	24.7	17.36	9.05
5	RAMPUR	7.79	8.67	8.76	5.89	18.9	11.29	9.78	9.98	3.24	9.36	5.73	3.07
6	JYOTIBAPHULENAGAR	27.94	27.07	33.45	22.05	14.54	10.69	159.14	10.63	4.63	16.62	11.31	4.52
7	MERRUT	16.92	6.91	10.48	7.47	17.31	10.72	10.70	9.35	7.24	7.41	5.89	5.24
8	BAGPAT	9.7	24.25	19.02	9.14	11.24	27.71	18.61	10.52	20.35	25.06	19.19	16.09
9	GAZIABAD	5.69	17.97	26.76	5.57	2.43	18.46	12.69	2.41	1.94	23.5	12.02	1.93
10	GAUTAMBUDHNAGAR	11.91	-	6.77	-	2.48	15.74	18.06	2.46	23.11	53.6	37.74	21.31
11	BULANDSHAHAR	21.06	16.05	23.30	14.89	23.03	18.13	346.66	15.99	17.92	18.81	17.53	14.22
12	ALIGARH	9.76	30.7	33.16	9.40	11.5	59.19	53.64	11.36	3.88	4.53	3.31	2.97
13	HATHRAS	31.55	24.03	30.22	21.60	8.89	17.57	15.19	8.20	2.52	1.51	1.81	1.31
14	MATHURA	13.85	15.72	39.03	12.49	32.03	8	15.16	8.36	19.94	12.34	12.20	11.47
15	AGRA	7.89	4.41	6.28	4.59	26.49	14.36	14.87	13.03	9.7	6.64	6.29	5.80
16	FIROZABAD	13.51	16.18	28.11	11.56	10.05	12.14	9.58	8.70	31.75	7.7	14.87	7.53
17	ETAH	19.83	7.08	10.23	10.43	9.71	20.01	97.38	9.23	10.33	18.82	152.02	9.35
18	MAINPURI	4.09	14.66	17.12	4.00	13.97	26.45	31.03	12.97	14.31	11.32	12.74	10.09
19	BADAUN	5.71	9.01	7.26	4.88	10.76	14.45	14.45	9.32	9.94	26.43	15.40	9.31
20	BAREILLY	10.06	16.45	15.14	9.20	15.58	24.39	101.73	14.73	28.74	24.18	18.76	20.01
21	PILIBHIT	26.92	2.48	14.75	2.48	15.76	37.14	26.02	14.55	8.73	23.65	15.01	8.20
22	SHAHJAHANPUR	23.05	4.45	9.83	4.83	5.42	9.79	11.07	5.03	19.27	5.61	9.96	5.50
23	KHERI	12.75	5.44	6.81	5.66	11.7	4.81	6.07	4.46	7.27	3.37	3.01	3.45
24	SITAPUR	27.68	2.78	13.49	2.77	3.78	25.6	13.43	3.74	15.25	3.62	9.02	3.52
25	HARDOI	10.54	20.64	20.06	9.58	13.29	25.43	16.04	11.78	4.45	17.61	13.69	4.36
26	UNNAO	31.03	16.3	34.18	23.11	27.07	17.32	18.82	15.95	5.85	23.49	26.48	5.78
27	LUCKNOW	11.94	7.03	6.39	6.59	13.74	58.75	210.48	13.65	19.56	15.83	12.94	12.86
28	RAIBAREILLY	3.74	33.48	28.57	3.72	13.98	13.13	11.99	9.58	4	14.47	11.46	3.86
29	FARRUKHABAD	12.69	4.1	6.53	4.48	20.27	10.99	13.98	11.60	6.9	4.52	4.39	3.94
30	KANNAUJ	35.28	9.83	20.43	11.81	16.96	16.54	17.15	13.86	6.67	34.36	56.20	6.61
31	ETAWAH	4.27	9.37	13.53	4.06	20.04	2.14	8.02	2.14	10.16	16.7	10.77	8.72
32	AURAIYA	13.89	30.93	21.30	12.76	4.07	42.6	28.43	4.05	21.38	19.24	16.04	14.58
33	KANPUR DEHAT	55.69	10.12	31.80	9.97	33.56	4.33	18.89	4.30	20.77	9.46	19.66	8.61
34	KANPUR NAGAR	5.38	32.76	32.87	5.33	15.23	9.82	10.90	8.85	2.89	12.18	11.48	2.83
35	JALAUN	42.89	11.69	29.68	11.28	10.98	55.46	51.32	10.83	9.63	7.04	6.09	5.68
36	JHANSI	8.82	15.16	11.85	7.75	14.51	13.27	11.64	9.79	8.24	27.68	25.24	7.99
37	LALITPUR	20.6	3.56	7.66	3.55	22.14	72.17	524.16	22.05	13.81	10.87	7.84	8.71
38	HAMIRPUR	3.57	56.51	27.59	3.56	18.1	15.04	51.22	15.00	34.26	69.42	50.70	30.94
39	MAHOBA	10.5	46.26	80.64	10.40	14.71	9.48	8.12	9.25	6.55	10.11	9.96	5.78
40	BANDA	35.56	14.15	23.03	15.66	26.33	21.09	264.01	20.87	9.77	9.6	11.41	7.85
41	CHITRAKOOT	26.82	7.04	12.68	6.86	8.97	19.15	14.61	8.36	22.87	26.25	22.55	17.73
42	FATEHPUR	8.43	64.54	286.83	8.40	31.44	47.99	241.87	29.51	3.04	13.65	10.16	2.98
43	PRATAPGARH	20.48	40.69	35.44	18.74	10.38	41.6	114.53	10.31	4.9	25.05	21.76	4.85
44	KAUSHAMBI	28.14	27.15	36.40	24.82	5.23	26.04	27.82	5.18	8.73	17.36	16.97	8.23
45	ALLAHABAD	19.41	15.27	20.47	14.18	11.88	20.04	25.67	11.01	20.29	3.13	8.46	3.15

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	8.9	31.58	42.22	8.68	2.08	2.74	2.09	1.66	7.01	16.75	13.31	6.52
47	FAIZABAD	4.88	18.19	22.50	4.78	7.99	53.37	59.33	7.95	7.26	5.31	6.08	4.61
48	AMBEDKARNAGAR	56.47	26.37	52.05	35.71	6.1	31.11	31.91	6.07	6.03	26.38	27.09	5.95
49	SULTANPUR	27.52	25.62	21.31	19.39	1.59	11.41	9.23	1.58	0.52	11.8	7.75	0.52
50	BAHRAICH	19.01	34.26	49.98	18.19	7.35	24.31	237.12	7.13	20.49	2.99	7.69	3.01
51	SHRAWASTI	23.5	23.79	21.33	17.67	12.16	13.89	10.22	9.48	12.66	13.12	10.45	9.27
52	BALRAMPUR	13.06	4.67	6.66	4.88	9.92	10.35	9.07	7.31	9.66	13.52	12.26	8.18
53	GONDA	12.28	34.37	25.10	11.71	7.05	23.61	23.52	6.90	3.65	10.64	12.65	3.60
54	SIDDHARTHNAGAR	14.79	17.85	18.12	11.89	25.13	13.63	15.19	11.98	7.94	21.69	15.68	7.48
55	BASTI	17.3	8.88	10.58	8.75	10.8	34.39	451.15	10.57	20.5	37.13	31.05	18.27
56	SANTKABIRNAGAR	9.9	18.22	29.42	9.32	31.47	20.8	22.98	19.12	5.12	19.29	26.31	5.06
57	MAHARAJGANJ	38.31	4.64	15.75	4.66	8.57	4.31	5.19	3.99	40.62	0.98	19.42	0.98
58	GORAKHPUR	24.4	43.75	64.68	23.20	53.33	34.78	200.65	36.98	8.11	33.76	46.26	7.99
59	KUSHINAGAR	25.69	50.92	44.65	23.41	8.36	20.6	20.63	7.93	17.7	16.1	12.95	11.95
60	DEORIA	25.96	25.75	27.78	19.20	6.42	1.64	3.38	1.59	15.59	10.92	9.97	8.95
61	AZAMGARH	19.17	8.92	14.52	8.66	24.54	9.91	13.51	9.31	23.25	10.07	11.89	9.51
62	MAU	5.76	4.07	10.02	5.09	13.47	21.94	24.34	12.36	4.23	13.73	7.78	4.05
63	BALLIA	9.83	8.18	11.44	7.41	6.57	3.01	2.97	2.98	20.15	16.18	17.85	13.42
64	JAUNPUR	38.42	11.48	18.39	14.04	27.21	16.06	20.67	17.93	14.56	10.81	12.63	9.58
65	GAZIPUR	16.74	61.52	87.17	16.43	17.83	24.57	27.15	15.17	19.33	2.09	10.15	2.08
66	CHANDAULLI	4.82	22.61	36.22	4.78	13.36	19.93	15.86	11.91	22.69	14.34	15.51	14.48
67	VARANASI	25.13	18.6	26.44	19.17	86.5	27.38	589.56	35.56	6.17	16.18	14.49	5.94
68	SANTRAVIDASNAGAR	4.96	11.86	19.97	4.86	6.21	8.89	10.29	5.60	12.86	18.79	17.21	11.20
69	MIRZAPUR	46.07	18.93	43.05	22.62	19.57	9.48	11.25	11.40	21.26	53.68	72.36	20.57
70	SONBHADRA	13.1	31.46	22.57	12.50	13	8.2	75.22	9.25	29.71	6.51	15.11	6.36
71	KANSHIRAM NAGAR	15.13	14.58	27.15	13.05	10.29	29.29	22.16	9.82	20.76	24.87	22.23	17.24
	All	3.16	6.59	8.02	3.00	14.14	11.78	11.90	10.33	4.79	4.48	3.90	3.43

Table 4.2.16: District wise RSE of estimate of GVAPW for central, state and pooled sample with pooling method MATCHING RATIO and INVERSE VARIANCE for Urban sector and EST

Sector: URBAN **Ent Type: EST**

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	SAHARANPUR	40.75	17.71	47.19	23.38	9.23	11.99	57.41	8.65	-	11.88	20.19	-
2	MUZAFFARNAGAR	24.54	15.85	35.33	17.42	41.28	19.59	41.82	23.79	21.08	37.72	173.77	20.77
3	BIJNOR	40.34	3.38	22.00	3.38	8.91	3.56	7.61	4.49	7.72	14	37.65	7.40
4	MORADABAD	5.36	3.73	8.31	4.49	15.71	40.69	651.65	15.65	29.19	17.18	52.36	22.46
5	RAMPUR	31.43	4.47	16.76	4.48	2.19	-	0.99	-	7.95	27.88	69.12	7.87
6	JYOTIBAPHULENAGAR	17.21	20.85	43.37	15.71	1.14	16.48	58.02	1.14	26.04	109.34	4117.53	26.00
7	MERRUT	11.62	14.9	33.63	10.54	9.54	80.56	440.63	9.54	7.65	17.53	38.75	7.33
8	BAGPAT	-	31.99	49.03	-	11.84	97.7	170.13	11.80	18.1	29.85	90.33	17.20
9	GAZIABAD	31.04	10.24	26.17	12.86	40.34	35.98	790.37	32.54	21.55	3.95	11.68	5.29
10	GAUTAMBUDHNAGAR	27.95	6.83	145.00	12.22	14.81	3.96	8173.26	6.59	30.94	71.26	1624.07	30.76
11	BULANDSHAHAR	1.74	18.83	43.79	1.74	18.94	35.79	436.95	18.16	38.44	25.81	46.48	29.23
12	ALIGARH	12.77	14.89	11601.18	12.31	12.07	28.55	239.76	11.87	29.02	30.31	3679.52	26.64
13	HATHRAS	4.94	20.79	40.61	4.88	13.93	15.74	16.85	11.35	7.29	10.43	32.91	6.87
14	MATHURA	22.92	9.28	17.46	9.30	5.88	4.65	4.64	5.43	31.98	33.73	75.88	27.24
15	AGRA	8.41	8.44	22.35	7.44	18.49	14.78	204.74	14.18	18.35	9.86	24.50	12.11
16	FIROZABAD	19.67	-	8.35	-	26.16	3.27	13.52	3.38	15.51	29.99	89.40	15.06
17	ETAH	15.79	2.69	6.91	3.67	17.18	13.04	87.79	14.70	18.53	0.27	4.86	0.27
18	MAINPURI	16.21	9.8	15.87	9.61	17.78	17.91	2717.77	17.15	7.45	14.97	34.94	7.16
19	BADAUN	18.97	16.02	28.77	14.20	17.76	28.8	5927.44	16.98	79.75	9.17	57.06	9.22
20	BAREILLY	43.78	11.04	27.19	10.71	28.21	9.41	27.32	16.86	37.46	20.9	14.30	28.20
21	PILIBHIT	18.77	1.8	8.95	1.83	32.31	3.52	14.68	3.70	3.09	23.18	44.40	3.08
22	SHAHJAHANPUR	18.36	-	9.22	-	5.02	0.12	2.29	0.12	9.68	11.01	25.83	8.70
23	KHERI	21.53	16.39	33.70	16.08	18.23	14.85	49.93	12.44	20.64	15.99	43.91	16.23
24	SITAPUR	10.97	2.28	6.91	2.27	12.33	9.19	16.73	8.69	58.43	32.59	74.60	34.74
25	HARDOI	10.01	17.2	52.75	9.56	3.79	9.72	15.17	3.65	61.26	18.25	54.65	20.70
26	UNNAO	6.33	24.01	49.55	6.26	13.62	75.95	754.32	13.61	13.98	21.72	29.66	12.48
27	LUCKNOW	62.36	26.03	51.59	27.41	25.26	40.17	247.00	24.88	10.31	46.14	625.93	10.29
28	RAIBAREILLY	27.91	22.54	39.04	18.38	31.69	27.81	167.24	31.53	19.63	16.25	38.63	14.80
29	FARRUKHABAD	15.59	31.02	55.03	14.79	33.79	18.33	42.20	22.45	44.59	39.32	247.38	41.56
30	KANNAUJ	26.81	26.71	181.20	25.25	44.99	21.18	19.40	35.20	21.74	-	10.83	-
31	ETAWAH	9.33	40.17	72.09	9.25	-	60.51	184.98	-	30.49	41.59	145.62	28.16
32	AURAIYA	11.91	42.71	105.67	11.77	25.29	77.07	2339.19	24.92	20.28	22.24	61.37	17.88
33	KANPUR DEHAT	13.51	-	6.73	-	47.19	93.76	647.06	44.76	18.41	-	9.21	-
34	KANPUR NAGAR	3.43	7.98	14.15	3.35	15.59	17.12	78.21	12.96	21.98	17.57	32.61	15.93
35	JALAUN	3.75	613.39	226.46	3.75	30.72	380.02	3719.38	30.81	12.2	93.03	625.77	12.19
36	JHANSI	35.37	21.96	33.86	19.20	52.01	52.46	620.36	46.43	22.92	37.96	85.66	20.80
37	LALITPUR	27.62	26.1	42.72	19.39	7.85	8.55	162.95	6.40	22.8	9.21	34.79	12.40
38	HAMIRPUR	10.78	58.44	64.89	10.65	5.4	5.3	124.00	4.58	18.2	19.46	20.98	13.81
39	MAHOBA	4.14	7.22	20.89	3.95	27.73	-	13.74	-	14.92	-	6.42	-
40	BANDA	11.88	37.19	98.59	11.73	31.53	54.53	408.95	31.10	30.98	17.25	88.66	25.46
41	CHITRAKOOT	5.26	13.42	23.72	5.13	25.57	17.43	23.47	15.46	25.92	9.85	24.84	13.63
42	FATEHPUR	8.68	26.43	56.49	8.52	60.31	19.51	131.26	35.99	23.55	7.79	22.09	8.64
43	PRATAPGARH	3.71	8.17	11.54	3.51	9.95	26.11	118.07	9.88	22.79	63.25	725.86	22.62
44	KAUSHAMBI	5.87	5.26	13.79	4.48	20.18	3.58	425.76	6.15	42.58	-	21.20	-
45	ALLAHABAD	60.16	6.3	24.42	6.98	15.91	12.78	47.83	13.45	4.34	2.91	5.63	2.88

Dist Code	District name	Manufacturing				Trade				Services			
		Central	State	MR	IV	Central	State	MR	IV	Central	State	MR	IV
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
46	BARABANKI	25.47	34.56	78.13	21.62	14.6	38.64	985.67	14.50	19.88	47.26	94.61	19.06
47	FAIZABAD	12.83	21.49	45.40	12.19	10.38	13.39	37.47	9.54	39.2	45.1	135.22	35.76
48	AMBEDKARNAGAR	10.86	39.51	146.58	10.80	25.61	64.54	464.34	25.43	4.91	33.84	130.66	4.90
49	SULTANPUR	20.59	25.23	45.44	17.95	16.44	7	288.46	8.59	3.73	19.25	55.39	3.71
50	BAHRAICH	22.7	56.55	1981.62	22.40	2.37	41.43	2790.34	2.37	53.91	11.99	44.69	21.22
51	SHRAWASTI	5.41	27.99	50.74	5.38	27.64	29.07	40.25	23.19	13.06	8.28	21.65	8.67
52	BALRAMPUR	12.71	18.38	31.61	11.46	89.03	3.55	34.38	3.58	6.41	10.99	16.95	5.77
53	GONDA	8.56	34.84	76.42	8.49	10.51	1.15	241.34	1.18	15.57	26.56	83.33	14.94
54	SIDDHARTHNAGAR	15.57	12.7	22.20	11.59	27.21	6.41	16.86	6.29	5.05	4.84	8.28	4.04
55	BASTI	29.05	45.69	139.85	27.79	20.81	8.41	11.78	20.33	12.21	49.75	115.44	12.07
56	SANTKABIRNAGAR	20.18	-	10.09	-	17.43	5.07	11.81	5.44	16.98	-	8.99	-
57	MAHARAJGANJ	48.35	22.64	63.99	24.75	5.57	19.75	27.32	5.45	1.13	14.14	29.96	1.13
58	GORAKHPUR	10.11	-	5.06	-	20.69	-	16.06	-	25.28	2.66	14.13	2.68
59	KUSHINAGAR	7.58	71.9	212.17	7.57	5.43	37.87	51.92	5.40	18.88	18.53	41.01	15.59
60	DEORIA	46.32	25.85	32.42	23.20	2.62	-	1.32	-	21.7	13.9	54.82	17.32
61	AZAMGARH	18.05	8.5	17.07	8.48	13.19	65.87	321.84	13.15	45.94	14.59	42.21	18.94
62	MAU	15.58	5.91	9.69	7.63	12.95	7.89	138.42	11.91	23.43	-	11.36	-
63	BALLIA	13.34	12.11	23.69	10.75	70.01	10.91	39.52	11.29	14.84	11.68	33.65	12.31
64	JAUNPUR	3.7	47.79	93.88	3.70	13.15	-	6.58	-	19.81	41.98	95.91	18.96
65	GAZIPUR	7.88	11.66	18.78	7.06	15.57	33.97	13.94	14.83	25.73	16.77	47.47	16.71
66	CHANDAULLI	3.1	30.86	92.06	3.10	29.1	3.83	16.51	3.87	24.56	12.75	35.42	16.01
67	VARANASI	12.21	17.21	51.84	11.56	7.74	22.11	321.83	7.72	15.78	8.96	28.52	11.71
68	SANTRAVIDASNAGAR	30.66	34.54	84.38	26.79	17.75	45.39	116.38	17.60	22.43	36.09	85.20	21.16
69	MIRZAPUR	9.1	0.3	5.65	0.30	82.69	2.2	10.75	2.29	3.2	34.85	95.06	3.20
70	SONBHADRA	12.61	7	9.94	6.54	8.57	23.72	146.92	8.34	20.82	43.74	112.35	20.12
71	KANSHIRAM NAGAR	3.24	16.3	26.59	3.21	4.15	38.52	1207.80	4.14	11.81	4.74	14.23	6.88
	All	16.24	16.76	40.59	14.23	12.78	11.43	93.90	10.73	21.89	17.75	48.16	17.69

Table 4.2.17: Compilation Category wise estimated no. of enterprises and sample enterprises for central, state and pooled sample of Rural sector with pooling method Matching Ratio

Sector: RURAL **Pooling method: MR**

Compilation Category	Estimated Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	473	5526	3505	2	26	28
02.meat+fish+fruits+vegetables+oils	22873	15015	18180	108	69	177
03.dairy products	8830	13469	11474	48	42	90
04.grain mill products	164636	168075	166737	791	710	1501
05.other food products	45353	28665	34145	188	211	399
06.beverages	1946	155	871	10	3	13
07.tobacco products	155335	19861	74050	113	45	158
08.spinning+ weaving+finishing of textiles	289402	161002	212362	470	326	796
09.wearing apparel	3253	25532	16620	12	247	259
10.leather & fur products	205	3243	2028	4	29	33
11.wood and wood products	157080	78843	109137	489	290	779
12.furniture	55953	34799	43280	251	146	397
13.paper and printing +publishing	12082	1265	5592	30	13	43
14.rubber+ plastic+petroleum products etc.	59	864	542	4	1	5
15.pharmaceuticals+chemical and chemical products	734	2440	1758	11	12	23
16.non-metallic products	75647	45868	57859	398	176	574
17.basic metals(Ferrous)	324	6349	3939	5	29	34
18.basic metals(Non-Ferrous)	8778	49	3541	7	1	8
19.recycling	-	65	39	-	1	1
20.febricated metal products+repair(nondomestic)	40005	21490	28865	271	141	412
21.computer+electronics+optical+repair(nondomest)	-	29	17	-	3	3
22.electrical machinery+repair(nondomestic)	3432	5779	4840	33	45	78
23.machinery nec+repair(nondomestic)	16668	16301	16447	106	63	169
24.transport equipment+repair(nondomestic)	218	690	501	6	5	11
25.other manufacturing+repair	110239	9723	49903	73	48	121
26.repair of motor vehicles and motor cycles	29607	8076	16693	183	69	252
27.Sale of motor vehicles	10668	8751	9482	75	44	119
28.Whole sale trade + Auctioning activities	81100	22347	45942	335	121	456
29.Repair of personal and household goods	165754	121347	138952	609	531	1140
30.Retail trade (except motor vehicle)	1769477	1321508	1498826	4507	4373	8880
31.Hotels; Camping sites etc.	56	2728	1659	1	13	14
32.Restaurant+bars+canteen	163716	99234	125098	721	509	1230
33.Scheduled passenger land transport	1069	3340	2431	10	25	35
34.Non-sch passenger transport by motor vehicles	52342	24639	35737	208	134	342
35.Freight transport by motor vehicles	36890	18164	25613	190	92	282
36.Other non-scheduled passenger land transport	140376	94469	112832	379	252	631
37.Freight transport other than by motor vehicles	114457	77452	92202	348	190	538
38.water Transport	1195	775	965	8	2	10

Compilation Category	Estimated Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	4810	1207	2648	22	6	28
40.Other financial activities	22620	3457	11122	65	26	91
41.Storage and Ware Housing	-	100	60	-	8	8
42.Supporting & Auxiliary transport activities	2902	3250	3111	23	7	30
43.Postal Services	-	-	-	-	-	-
44.Courier activities	-	291	175	-	1	1
45.Cable operator	8841	651	2754	2	3	5
46.Other communication	5623	7450	6719	22	52	74
47.Real Estate	11760	861	5156	28	8	36
48.Renting of Machinery	56832	25964	36805	217	164	381
49.Computer relating services	1047	1331	1218	4	24	28
50.Legal services	15740	4531	9014	37	25	62
51.Accounting+Book-Keeping	1228	-	491	3	-	3
52.Research Dev.	26054	10115	16499	86	79	165
53.Education	14146	1722	6685	45	20	65
54.Coaching centre	55329	41233	46870	521	286	807
55.Medical and Health	147579	79980	106829	539	368	907
56.Sanitary Services	2228	2269	2253	4	30	34
57.Membership Organisations	40165	3430	18131	85	21	106
58.Recreation & Entertainment	19967	3710	10122	85	39	124
59.Washing & cleaning of Textiles	62500	44955	52039	143	181	324
60.Hair dressing + beauty treatment	186810	155814	168405	667	613	1280
61.Custom Tailoring	275732	85402	161520	1262	415	1677
62.Funeral related + otherservices	23080	8440	14296	59	54	113
63.Pvt. Household with employed person	-	-	-	-	-	-
All	4725225	2954090	3655591	14923	11467	26390

Table 4.2.18: Compilation Category wise estimated no. of enterprises and sample enterprises for central, state and pooled sample of Urban sector with pooling method Matching Ratio

Sector: URBAN **Pooling method: MR**

Compilation Category	Estimated Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	459	531	502	3	10	13
02.meat+fish+fruits+vegetables+oils	14487	4824	8675	118	62	180
03.dairy products	8286	2688	4928	38	43	81
04.grain mill products	41468	23785	30855	322	288	610
05.other food products	41127	25816	31971	318	280	598
06.beverages	946	1460	1255	8	9	17
07.tobacco products	64679	24615	40644	146	83	229
08.spinning+ weaving+finishing of textiles	208172	137929	166278	684	438	1122
09.wearing apparel	2533	26986	17200	22	330	352
10.leather & fur products	9582	12958	11668	141	131	272
11.wood and wood products	40511	24948	31194	224	203	427
12.furniture	29963	24449	26665	207	160	367
13.paper and printing +publishing	32578	15175	22081	249	151	400
14.rubber+ plastic+petroleum products etc.	8711	5946	7054	47	15	62
15.pharmaceuticals+chemical and chemical products	2921	1715	2157	22	22	44
16.non-metallic products	29437	8539	16898	164	94	258
17.basic metals(Ferrous)	1479	2878	2407	17	27	44
18.basic metals(Non-Ferrous)	16318	7687	11139	24	25	49
19.recycling	46	8348	5027	2	14	16
20.febricated metal products+repair(nondomestic)	36679	51034	45599	380	333	713
21.computer+electronics+optical+repair(nondomest)	1196	1617	1448	8	10	18
22.electrical machinery+repair(nondomestic)	13546	10651	11912	114	83	197
23.machinery nec+repair(nondomestic)	19593	7617	12442	145	86	231
24.transport equipment+repair(nondomestic)	1596	3671	2841	26	42	68
25.other manufacturing+repair	80014	41848	57074	402	226	628
26.repair of motor vehicles and motor cycles	53123	39118	44703	376	214	590
27.Sale of motor vehicles	18432	30540	25655	99	148	247
28.Whole sale trade + Auctioning activities	140454	39811	79954	714	364	1078
29.Repair of personal and household goods	154095	110779	128314	869	796	1665
30.Retail trade (except motor vehicle)	1312918	997689	1122677	4951	4958	9909
31.Hotels; Camping sites etc.	8069	8087	8050	72	79	151
32.Restaurant+bars+canteen	188986	118059	146423	1140	846	1986
33.Scheduled passenger land transport	2834	2783	2804	21	18	39
34.Non-sch passenger transport by motor vehicles	40977	33287	36344	197	104	301
35.Freight transport by motor vehicles	18955	2457	9048	124	43	167
36.Other non-scheduled passenger land transport	102239	85174	92032	352	232	584
37.Freight transport other than by motor vehicles	62677	11704	32158	226	81	307
38.water Transport	8053	9163	8719	7	9	16

Compilation Category	Estimated Enterprises			Sample Enterprises		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	1690	2466	2083	17	32	49
40.Other financial activities	21502	7178	12913	108	50	158
41.Storage and Ware Housing	17	110	73	1	3	4
42.Supporting & Auxiliary transport activities	16377	12400	13998	81	49	130
43.Postal Services	36	-	14	1	-	1
44.Courier activities	2871	1925	2304	24	15	39
45.Cable operator	1051	286	598	13	4	17
46.Other communication	7500	11532	9916	64	72	136
47.Real Estate	20696	9229	13821	87	39	126
48.Renting of Machinery	21690	18204	19780	212	164	376
49.Computer relating services	16867	6374	10571	51	66	117
50.Legal services	41990	26534	32572	175	120	295
51.Accounting+Book-Keeping	17645	1486	8012	28	18	46
52.Research Dev.	71680	23776	42754	277	218	495
53.Education	28397	13729	19648	129	104	233
54.Coaching centre	59636	33025	43786	499	409	908
55.Medical and Health	93569	62150	74802	645	586	1231
56.Sanitary Services	2258	5718	4334	7	37	44
57.Membership Organisations	16415	12278	13934	59	53	112
58.Recreation & Entertainment	15786	14861	15236	122	96	218
59.Washing & cleaning of Textiles	51489	27646	37156	260	237	497
60.Hair dressing + beauty treatment	88890	66209	75281	587	582	1169
61.Custom Tailoring	186096	72502	117543	1594	690	2284
62.Funeral related + otherservices	55961	24082	36814	142	122	264
63.Pvt. Household with employed person	-	-	-	-	-	-
All	3658246	2420067	2914737	18162	14823	32985

Table 4.2.19: Compilation Category wise estimated no. of workers and sample worker for central, state and pooled sample of rural sector of OAEs with pooling method Matching Ratio

Sector: RURAL Ent Type: OAE Pooling method: MR

Compilation Category	Estimated Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	473	8019	5000	2	41	43
02.meat+fish+fruits+vegetables+oils	35530	20722	26645	186	239	425
03.dairy products	15986	24640	21179	129	123	252
04.grain mill products	248267	239123	242829	1520	1271	2791
05.other food products	70391	31248	44880	830	688	1518
06.beverages	3344	128	1414	27	16	43
07.tobacco products	260807	35772	125786	206	88	294
08.spinning+ weaving+finishing of textiles	523434	263799	367653	1340	746	2086
09.wearing apparel	3978	22597	15149	54	413	467
10.leather & fur products	220	4680	2896	20	50	70
11.wood and wood products	244976	129384	174608	941	556	1497
12.furniture	70378	43358	54188	527	253	780
13.paper and printing +publishing	12538	537	5337	79	41	120
14.rubber+ plastic+petroleum products etc.	55	864	540	15	1	16
15.pharmaceuticals+chemical and chemical products	348	2167	1440	83	40	123
16.non-metallic products	148027	78986	106603	16299	2858	19157
17.basic metals(Ferrous)	577	6849	4340	21	43	64
18.basic metals(Non-Ferrous)	10517	0	4207	15	8	23
19.recycling	0	65	39	0	1	1
20.febricated metal products+repair(nondomestic)	55587	24107	36669	559	265	824
21.computer+electronics+optical+repair(nondomest)	0	29	17	0	3	3
22.electrical machinery+repair(nondomestic)	3550	7194	5736	51	105	156
23.machinery nec+repair(nondomestic)	17726	19773	18954	190	104	294
24.transport equipment+repair(nondomestic)	119	1238	790	16	10	26
25.other manufacturing+repair	138821	11312	62289	143	72	215
26.repair of motor vehicles and motor cycles	29404	6762	15819	409	136	545
27.Sale of motor vehicles	9301	6819	7773	340	139	479
28.Whole sale trade + Auctioning activities	114642	23529	60235	794	265	1059
29.Repair of personal and household goods	188358	127599	151784	769	612	1381
30.Retail trade (except motor vehicle)	2491544	1548958	1924197	6943	5775	12718
31.Hotels; Camping sites etc.	0	2951	1771	2	43	45
32.Restaurant+bars+canteen	275880	162828	208198	1682	1054	2736
33.Scheduled passenger land transport	841	4216	2866	16	32	48
34.Non-sch passenger transport by motor vehicles	43507	24450	32096	330	183	513
35.Freight transport by motor vehicles	36158	21376	27401	433	174	607
36.Other non-scheduled passenger land transport	145119	94491	114742	392	255	647
37.Freight transport other than by motor vehicles	121642	78997	96003	414	208	622
38.water Transport	1653	916	1256	18	3	21

Compilation Category	Estimated Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	15539	3264	8174	87	30	117
40.Other financial activities	22426	4551	11701	67	41	108
41.Storage and Ware Housing	-	-	-	-	175	175
42.Supporting & Auxiliary transport activities	1705	6376	4508	56	19	75
43.Postal Services	-	-	-	-	-	-
44.Courier activities	-	291	175	-	1	1
45.Cable operator	8841	1126	3039	2	6	8
46.Other communication	6213	33844	22792	29	138	167
47.Real Estate	11627	1186	5297	33	11	44
48.Renting of Machinery	73057	33004	47722	531	446	977
49.Computer relating services	1049	1130	1097	5	51	56
50.Legal services	15472	3719	8420	40	25	65
51.Accounting+Book-Keeping	1228	-	491	3	-	3
52.Research Dev.	31685	11894	19819	193	122	315
53.Education	13905	2522	7068	49	53	102
54.Coaching centre	24075	27828	26019	6086	2622	8708
55.Medical and Health	162852	77901	111549	775	505	1280
56.Sanitary Services	2228	2939	2655	4	42	46
57.Membership Organisations	40737	3429	18359	89	27	116
58.Recreation & Entertainment	17108	2736	8181	393	126	519
59.Washing & cleaning of Textiles	117645	64113	85658	255	253	508
60.Hair dressing + beauty treatment	198264	178264	186469	854	760	1614
61.Custom Tailoring	339273	91727	190756	2248	619	2867
62.Funeral related + otherservices	25489	8980	15584	75	60	135
63.Pvt. Household with employed person	-	-	-	-	-	-
All	6454116	3641305	4758861	47669	23046	70715

Table 4.2.20: Compilation Category wise estimated no. of workers and sample worker for central, state and pooled sample of rural sector of Establishments with pooling method Matching Ratio

Sector: RURAL Ent Type:EST Pooling method: MR

Compilation Category	Estimated Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	-	8122	62	2	41	43
02.meat+fish+fruits+vegetables+oils	3513	67842	29833	186	239	425
03.dairy products	8800	25679	3204	129	123	252
04.grain mill products	46184	290931	49429	1520	1271	2791
05.other food products	40488	118036	67285	830	688	1518
06.beverages	472	276	278	27	16	43
07.tobacco products	246	37019	847	206	88	294
08.spinning+ weaving+finishing of textiles	79152	297073	51625	1340	746	2086
09.wearing apparel	703	42051	11953	54	413	467
10.leather & fur products	1066	5483	908	20	50	70
11.wood and wood products	33819	165433	35235	941	556	1497
12.furniture	25759	58528	19399	527	253	780
13.paper and printing +publishing	16520	3448	8355	79	41	120
14.rubber+ plastic+petroleum products etc.	142	864	57	15	1	16
15.pharmaceuticals+chemical and chemical products	4406	4591	3217	83	40	123
16.non-metallic products	444334	187568	248417	16299	2858	19157
17.basic metals(Ferrous)	273	7244	346	21	43	64
18.basic metals(Non-Ferrous)	42	392	252	15	8	23
19.recycling	-	65	-	-	1	1
20.febricated metal products+repair(nondomestic)	23341	32634	14453	559	265	824
21.computer+electronics+optical+repair(nondomest)	-	29	-	-	3	3
22.electrical machinery+repair(nondomestic)	373	9146	1321	51	105	156
23.machinery nec+repair(nondomestic)	6916	26482	6792	190	104	294
24.transport equipment+repair(nondomestic)	341	1305	176	16	10	26
25.other manufacturing+repair	3756	12484	2206	143	72	215
26.repair of motor vehicles and motor cycles	16792	13947	11151	409	136	545
27.Sale of motor vehicles	19475	20961	16306	340	139	479
28.Whole sale trade + Auctioning activities	33220	38410	22216	794	265	1059
29.Repair of personal and household goods	7338	132313	5764	769	612	1381
30.Retail trade (except motor vehicle)	59211	1610171	60363	6943	5775	12718
31.Hotels; Camping sites etc.	113	8257	3229	2	43	45
32.Restaurant+bars+canteen	39443	182451	27551	1682	1054	2736
33.Scheduled passenger land transport	600	4329	308	16	32	48
34.Non-sch passenger transport by motor vehicles	40898	34057	22112	330	183	513
35.Freight transport by motor vehicles	44870	31645	22684	433	174	607
36.Other non-scheduled passenger land transport	-	94932	264	392	255	647
37.Freight transport other than by motor vehicles	915	80019	979	414	208	622
38.water Transport	510	916	204	18	3	21

Compilation Category	Estimated Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	1938	3264	775	87	30	117
40.Other financial activities	389	4696	243	67	41	108
41.Storage and Ware Housing	-	2340	1404	-	175	175
42.Supporting & Auxiliary transport activities	2710	6461	1135	56	19	75
43.Postal Services	-	-	-	-	-	-
44.Courier activities	-	291	-	-	1	1
45.Cable operator	-	1126	-	2	6	8
46.Other communication	-	34579	441	29	138	167
47.Real Estate	276	1360	215	33	11	44
48.Renting of Machinery	30254	61150	28164	531	446	977
49.Computer relating services	-	1778	389	5	51	56
50.Legal services	535	4531	701	40	25	65
51.Accounting+Book-Keeping	-	-	-	3	-	3
52.Research Dev.	3807	14473	3070	193	122	315
53.Education	552	4077	1154	49	53	102
54.Coaching centre	520339	315279	381478	6086	2622	8708
55.Medical and Health	19433	103366	23032	775	505	1280
56.Sanitary Services	-	2939	-	4	42	46
57.Membership Organisations	-	4588	696	89	27	116
58.Recreation & Entertainment	96687	12378	44460	393	126	519
59.Washing & cleaning of Textiles	-	64756	386	255	253	508
60.Hair dressing + beauty treatment	14692	186057	10582	854	760	1614
61.Custom Tailoring	111700	110513	55936	2248	619	2867
62.Funeral related + otherservices	306	9028	151	75	60	135
63.Pvt. Household with employed person	-	-	-	-	-	-
All	1807650	4604164	1303192	47669	23046	70715

Table 4.2.21: Compilation Category wise estimated no. of workers and sample worker for central, state and pooled sample of urban sector of OAEs with pooling method Matching Ratio

Sector: URBAN Ent Type:OAE Pooling method: MR

Compilation Category	Estimated Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	90	294	212	6	29	35
02.meat+fish+fruits+vegetables+oils	22830	6482	13021	226	113	339
03.dairy products	12259	2828	6600	87	83	170
04.grain mill products	53178	30435	39533	657	527	1184
05.other food products	60612	34017	44728	1056	853	1909
06.beverages	1531	1074	1257	24	35	59
07.tobacco products	127062	47201	79145	299	245	544
08.spinning+ weaving+finishing of textiles	425517	192628	286192	2312	1390	3702
09.wearing apparel	2791	27625	17691	75	703	778
10.leather & fur products	9652	16511	13768	512	435	947
11.wood and wood products	70068	22079	41275	584	477	1061
12.furniture	28406	24236	25908	545	337	882
13.paper and printing +publishing	31194	15815	21745	783	442	1225
14.rubber+ plastic+petroleum products etc.	16327	3569	8672	168	65	233
15.pharmaceuticals+chemical and chemical products	4821	2218	3259	64	86	150
16.non-metallic products	52120	22058	34083	1056	292	1348
17.basic metals(Ferrous)	1084	2998	2233	50	66	116
18.basic metals(Non-Ferrous)	14559	4959	8799	52	72	124
19.recycling	81	8648	5221	7	21	28
20.febricated metal products+repair(nondomestic)	36011	52582	45961	1118	1056	2174
21.computer+electronics+optical+repair(nondomest)	1286	685	925	15	17	32
22.electrical machinery+repair(nondomestic)	13278	9542	11036	232	164	396
23.machinery nec+repair(nondomestic)	20106	7356	12456	336	190	526
24.transport equipment+repair(nondomestic)	3460	3249	3334	76	128	204
25.other manufacturing+repair	121914	30621	67105	851	479	1330
26.repair of motor vehicles and motor cycles	45313	29300	35684	1013	550	1563
27.Sale of motor vehicles	18643	25915	23007	286	433	719
28.Whole sale trade + Auctioning activities	148250	39740	83160	2158	1443	3601
29.Repair of personal and household goods	177289	126707	147315	1271	1093	2364
30.Retail trade (except motor vehicle)	1787374	1150802	1405107	8851	8297	17148
31.Hotels; Camping sites etc.	3823	8607	6694	387	478	865
32.Restaurant+bars+canteen	250309	145592	187627	3028	2290	5318
33.Scheduled passenger land transport	2713	2096	2343	74	46	120
34.Non-sch passenger transport by motor vehicles	44561	31977	36986	319	166	485
35.Freight transport by motor vehicles	18376	1173	8054	409	110	519
36.Other non-scheduled passenger land transport	102747	85123	92204	359	234	593
37.Freight transport other than by motor vehicles	64958	11596	33005	242	82	324
38.water Transport	10157	9163	9561	8	9	17

Compilation Category	Estimated Workers			Sample Workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	2686	741	1447	48	94	142
40.Other financial activities	16452	6246	10328	164	77	241
41.Storage and Ware Housing	-	6	4	7	21	28
42.Supporting & Auxiliary transport activities	9825	9705	9753	216	108	324
43.Postal Services	-	-	-	3	-	3
44.Courier activities	237	3526	2210	81	52	133
45.Cable operator	86	-	35	53	10	63
46.Other communication	6984	11254	9546	92	113	205
47.Real Estate	21270	8973	13897	130	64	194
48.Renting of Machinery	23459	16856	19570	612	432	1044
49.Computer relating services	1572	3950	2999	149	204	353
50.Legal services	64683	25898	41267	242	145	387
51.Accounting+Book-Keeping	3028	1678	2236	77	67	144
52.Research Dev.	45484	22075	31362	650	422	1072
53.Education	25504	13547	18331	216	187	403
54.Coaching centre	26114	18212	21373	6171	3494	9665
55.Medical and Health	71685	50693	59189	1750	1352	3102
56.Sanitary Services	2199	4910	3826	8	47	55
57.Membership Organisations	15828	10763	12790	148	109	257
58.Recreation & Entertainment	19245	18481	18787	616	368	984
59.Washing & cleaning of Textiles	90431	31965	55343	490	391	881
60.Hair dressing + beauty treatment	101380	69555	82336	1055	945	2000
61.Custom Tailoring	201580	68126	120976	3286	1295	4581
62.Funeral related + otherservices	56900	26160	38398	193	171	364
63.Pvt. Household with employed person	-	-	-	-	-	-
All	4611386	2660823	3440910	46053	33704	79757

Table 4.2.22: Compilation Category wise estimated no. of workers and sample worker for central, state and pooled sample of urban sector of Establishments with pooling method Matching Ratio

Sector: URBAN Ent Type: EST Pooling method: MR

Compilation Category	Estimated Workers			Sample Workers		
	central	state	pooled	central	state	pooled
01.Cotton ginning+ cleaning and bailing	771	1497	1207	6	29	35
02.meat+fish+fruits+vegetables+oils	8130	2005	4427	226	113	339
03.dairy products	4366	2065	2988	87	83	170
04.grain mill products	20417	9191	13676	657	527	1184
05.other food products	59015	41024	48239	1056	853	1909
06.beverages	1367	2648	2135	24	35	59
07.tobacco products	1321	7119	4826	299	245	544
08.spinning+ weaving+finishing of textiles	139693	83728	106155	2312	1390	3702
09.wearing apparel	6810	24221	17226	75	703	778
10.leather & fur products	20705	27700	25202	512	435	947
11.wood and wood products	22394	38414	32067	584	477	1061
12.furniture	49879	16500	29848	545	337	882
13.paper and printing +publishing	45259	30062	36180	783	442	1225
14.rubber+ plastic+petroleum products etc.	14325	60022	41746	168	65	233
15.pharmaceuticals+chemical and chemical products	2443	2922	2569	64	86	150
16.non-metallic products	112452	3962	47359	1056	292	1348
17.basic metals(Ferrous)	3638	3107	3721	50	66	116
18.basic metals(Non-Ferrous)	9269	14039	12131	52	72	124
19.recycling	27	1128	688	7	21	28
20.febricated metal products+repair(nondomestic)	65499	119971	99470	1118	1056	2174
21.computer+electronics+optical+repair(nondomest)	2263	2917	2655	15	17	32
22.electrical machinery+repair(nondomestic)	7174	6829	7276	232	164	396
23.machinery nec+repair(nondomestic)	23262	7407	13792	336	190	526
24.transport equipment+repair(nondomestic)	1293	10261	6673	76	128	204
25.other manufacturing+repair	58556	71378	66174	851	479	1330
26.repair of motor vehicles and motor cycles	73336	54647	62134	1013	550	1563
27.Sale of motor vehicles	10670	26493	20080	286	433	719
28.Whole sale trade + Auctioning activities	217707	65178	125837	2158	1443	3601
29.Repair of personal and household goods	29889	11298	18761	1271	1093	2364
30.Retail trade (except motor vehicle)	429708	381808	400058	8851	8297	17148
31.Hotels; Camping sites etc.	20086	35110	28973	387	478	865
32.Restaurant+bars+canteen	171538	124897	143352	3028	2290	5318
33.Scheduled passenger land transport	4346	3665	3937	74	46	120
34.Non-sch passenger transport by motor vehicles	7359	7331	7354	319	166	485
35.Freight transport by motor vehicles	26605	4782	13494	409	110	519
36.Other non-scheduled passenger land transport	493	710	624	359	234	593
37.Freight transport other than by motor vehicles	15	128	83	242	82	324
38.water Transport	0	0	0	8	9	17
39.Financial excl insurance and pension	520	7284	4578	48	94	142

Compilation Category	Estimated Workers			Sample Workers		
	central	state	pooled	central	state	pooled
40.Other financial activities	13461	1620	6374	164	77	241
41.Storage and Ware Housing	119	1270	809	7	21	28
42.Supporting & Auxiliary transport activities	34749	10909	20567	216	108	324
43.Postal Services	108	0	43	3	0	3
44.Courier activities	8837	1833	4635	81	52	133
45.Cable operator	4979	612	2381	53	10	63
46.Other communication	2172	4319	3449	92	113	205
47.Real Estate	3297	1980	2507	130	64	194
48.Renting of Machinery	32689	23341	27866	612	432	1044
49.Computer relating services	59133	14973	32637	149	204	353
50.Legal services	5008	2515	3512	242	145	387
51.Accounting+Book-Keeping	116117	1758	47633	77	67	144
52.Research Dev.	230122	17224	102258	650	422	1072
53.Education	11563	10383	11099	216	187	403
54.Coaching centre	351737	249718	291246	6171	3494	9665
55.Medical and Health	109350	73640	88074	1750	1352	3102
56.Sanitary Services	118	2174	1351	8	47	55
57.Membership Organisations	6900	10428	9016	148	109	257
58.Recreation & Entertainment	25873	20895	22911	616	368	984
59.Washing & cleaning of Textiles	2271	8242	5854	490	391	881
60.Hair dressing + beauty treatment	54311	31059	40356	1055	945	2000
61.Custom Tailoring	158303	46036	91330	3286	1295	4581
62.Funeral related + otherservices	1588	1961	1812	193	171	364
63.Pvt. Household with employed person	0	0	0	0	0	0
All	2905403	1850337	2275417	46053	33704	79757

Table 4.2.23: Compilation Category wise RSE of estimated no. of enterprises and workers for central, state and pooled sample of urban sector with pooling method Matching Ratio

Sector: URBAN **Pooling method: MR**

Compilation Category	RSE of Estimated Enterprise			RSE of Estimated workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	91.05	57.37	8.32	-	-	-
02.meat+fish+fruits+vegetables+oils	29.24	30.34	18.84	46.41	75.1	18.67
03.dairy products	32.22	54.81	22.98	80.57	63.83	9.92
04.grain mill products	8.18	9.47	37.62	14.48	23.04	33.15
05.other food products	26.87	26.03	18.99	29.27	48.55	23.81
06.beverages	77.26	83.93	11.86	95.1	71.16	8.87
07.tobacco products	28.83	43.49	22.87	100	64.25	8.02
08.spinning+ weaving+finishing of textiles	15.67	23.34	30.83	24.2	34.75	24.36
09.wearing apparel	48.56	15.54	8.12	90.72	42.91	7.22
10.leather & fur products	60.42	25.59	8.37	83.1	59.05	9.25
11.wood and wood products	13.44	19.62	32.96	28.81	56.73	26.14
12.furniture	20.33	21.09	22.59	17.55	41.24	36.59
13.paper and printing +publishing	59.73	49.33	11.76	97.75	55.13	7.60
14.rubber+ plastic+petroleum products etc.	65.58	100	15.25	87.69	-	-
15.pharmaceuticals+chemical and chemical products	42.83	22.11	10.98	44.85	57.58	16.92
16.non-metallic products	26.98	20.47	16.77	21.82	25.09	22.96
17.basic metals(Ferrous)	81.08	36.47	7.45	94.43	77	9.29
18.basic metals(Non-Ferrous)	99.84	100	10.02	100	100	10.00
19.recycling	-	100	0.00	-	-	-
20.febricated metal products+repair(nondomestic)	13.68	21.13	33.60	29.94	30.94	18.58
21.computer+electronics+optical+repair(nondomest)	-	70.76	0.00	-	-	-
22.electrical machinery+repair(nondomestic)	27.24	34.71	21.63	52.59	60.37	14.77
23.machinery nec+repair(nondomestic)	21.86	29.23	24.73	41.18	80.66	21.81
24.transport equipment+repair(nondomestic)	62.8	67.1	13.04	68.56	100	14.59
25.other manufacturing+repair	61.39	47.98	11.28	70.13	51.96	10.28
26.repair of motor vehicles and motor cycles	20.81	25.21	24.13	19.75	43.15	33.26
27.Sale of motor vehicles	33.81	31.64	16.64	38.17	42.16	17.01
28.Whole sale trade + Auctioning activities	14.14	18.7	30.58	29.71	44.09	22.35
29.Repair of personal and household goods	9.8	13.58	37.60	33.52	39.81	18.82
30.Retail trade (except motor vehicle)	4.56	6.18	54.52	10.43	18.87	41.65
31.Hotels; Camping sites etc.	100	59.44	7.71	100	57.31	7.57
32.Restaurant+bars+canteen	10.26	10.84	32.09	22.39	20.26	20.10
33.Scheduled passenger land transport	48.1	37.74	12.77	41.75	76.98	21.02
34.Non-sch passenger transport by motor vehicles	14.29	17.96	29.66	33.1	39.82	19.06
35.Freight transport by motor vehicles	16.09	32.29	35.32	28.61	35.24	20.75
36.Other non-scheduled passenger land transport	12.45	13.5	29.51	-	79.28	-
37.Freight transport other than by motor vehicles	16.77	29.63	32.46	84.88	60.15	9.14

Compilation Category	RSE of Estimated Enterprise			RSE of Estimated workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
38.water Transport	50.97	83.79	17.96	100	-	-
39.Financial excl insurance and pension	46.51	49.98	15.20	73.86	-	-
40.Other financial activities	21.11	31.3	26.50	85.67	100	11.67
41.Storage and Ware Housing	-	56.83	-	-	57.03	-
42.Supporting & Auxiliary transport activities	52.31	63.74	15.26	72.62	100	13.77
43.Postal Services	-	-	-	-	-	-
44.Courier activities	-	100	-	-	0	-
45.Cable operator	99.49	86.06	9.32	-	-	-
46.Other communication	39.58	30.71	14.00	-	45.06	-
47.Real Estate	41.99	56.23	17.86	72.94	76.1	11.96
48.Renting of Machinery	25.01	16.35	16.17	24.86	29.23	21.75
49.Computer relating services	62.33	51.09	11.47	-	50.83	-
50.Legal services	48.76	28.82	11.01	76.84	100	13.01
51.Accounting+Book-Keeping	88.95	-	-	-	-	-
52.Research Dev.	21.73	23.36	22.24	48.93	39.74	12.88
53.Education	34.32	42.39	18.97	67.39	84.07	13.61
54.Coaching centre	10.06	11.15	33.19	16.39	12.78	21.81
55.Medical and Health	10.39	11.54	32.70	17.5	42.29	37.16
56.Sanitary Services	69.98	45.47	9.64	-	-	-
57.Membership Organisations	27.79	30.89	20.00	-	79.13	-
58.Recreation & Entertainment	27.76	26.07	18.39	78.21	42.31	8.32
59.Washing & cleaning of Textiles	20.83	26.21	24.58	-	71.08	-
60.Hair dressing + beauty treatment	7.98	8.45	36.43	19.01	27.24	27.45
61.Custom Tailoring	6.67	14.53	57.15	27.62	26.14	18.51
62.Funeral related + otherservices	25.44	20.68	17.88	100	100	10.00
63.Pvt. Household with employed person	-	-	-	-	-	-
All	3.88	4.84	56.70	9.7	10.19	32.91

Table 4.2.24: Compilation Category wise RSE of estimated no. of enterprises and workers for central, state and pooled sample of rural sector and OAE with pooling method Matching Ratio

Sector: RURAL Ent Type: OAE Pooling method: MR

Compilation Category	RSE of Estimated Enterprise			RSE of Estimated workers		
	central	state	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	91.05	57.37	8.32	91.05	58	8.36
02.meat+fish+fruits+vegetables+oils	29.24	30.34	18.84	35.5	37.04	17.14
03.dairy products	32.22	54.81	22.98	33.59	49.23	20.89
04.grain mill products	8.18	9.47	37.62	9.06	10.23	35.30
05.other food products	26.87	26.03	18.99	25.78	21.01	17.78
06.beverages	77.26	83.93	11.86	88.66	100	11.28
07.tobacco products	28.83	43.49	22.87	28.18	49.94	25.08
08.spinning+ weaving+finishing of textiles	15.67	23.34	30.83	18.57	23.57	26.14
09.wearing apparel	48.56	15.54	8.12	47.98	12.24	7.29
10.leather & fur products	60.42	25.59	8.37	95.9	34.47	6.12
11.wood and wood products	13.44	19.62	32.96	17.88	29.84	30.55
12.furniture	20.33	21.09	22.59	22.08	22.95	21.70
13.paper and printing +publishing	59.73	49.33	11.76	57.64	46.01	11.77
14.rubber+ plastic+petroleum products etc.	65.58	100	15.25	100	100	10.00
15.pharmaceuticals+chemical and chemical products	42.83	22.11	10.98	100	24.39	4.94
16.non-metallic products	26.98	20.47	16.77	33.5	20.79	13.61
17.basic metals(Ferrous)	81.08	36.47	7.45	90.44	35.48	6.59
18.basic metals(Non-Ferrous)	99.84	100	10.02	100	0	0.00
19.recycling	0	100	0.00	0	100	0.00
20.febricated metal products+repair(nondomestic)	13.68	21.13	33.60	22.11	22.78	21.59
21.computer+electronics+optical+repair(nondomest)	0	70.76	0.00	0	70.76	0.00
22.electrical machinery+repair(nondomestic)	27.24	34.71	21.63	27.11	33.29	21.28
23.machinery nec+repair(nondomestic)	21.86	29.23	24.73	23.35	34.08	25.00
24.transport equipment+repair(nondomestic)	62.8	67.1	13.04	100	73.44	8.57
25.other manufacturing+repair	61.39	47.98	11.28	50.3	44.3	13.23
26.repair of motor vehicles and motor cycles	20.81	25.21	24.13	26.19	31.11	21.30
27.Sale of motor vehicles	33.81	31.64	16.64	38.7	36.8	15.68
28.Whole sale trade + Auctioning activities	14.14	18.7	30.58	16.22	18.12	26.24
29.Repair of personal and household goods	9.8	13.58	37.60	10.53	13.37	34.72
30.Retail trade (except motor vehicle)	4.56	6.18	54.52	4.73	5.86	51.18
31.Hotels; Camping sites etc.	100	59.44	7.71	0	75.3	0.00
32.Restaurant+bars+canteen	10.26	10.84	32.09	12.84	12.92	27.99
33.Scheduled passenger land transport	48.1	37.74	12.77	60.2	39.87	10.49
34.Non-sch passenger transport by motor vehicles	14.29	17.96	29.66	15.5	18.45	27.71
35.Freight transport by motor vehicles	16.09	32.29	35.32	19.97	50.23	35.49
36.Other non-scheduled passenger land transport	12.45	13.5	29.51	12.74	13.54	28.88
37.Freight transport other than by motor vehicles	16.77	29.63	32.46	16.45	29.1	32.79

Compilation Category	RSE of Estimated Enterprise			RSE of Estimated workers		
	central	state	pooled	central	state	pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
38.water Transport	50.97	83.79	17.96	54.36	75.74	16.01
39.Financial excl insurance and pension	46.51	49.98	15.20	47.85	53.68	15.31
40.Other financial activities	21.11	31.3	26.50	21.1	31.54	26.62
41.Storage and Ware Housing	0	56.83	0.00	0	0	0.00
42.Supporting & Auxiliary transport activities	52.31	63.74	15.26	68.31	65.03	11.81
43.Postal Services	0	0	0.00	0	0	0.00
44.Courier activities	0	100	0.00	0	100	0.00
45.Cable operator	99.49	86.06	9.32	99.49	78.09	8.88
46.Other communication	39.58	30.71	14.00	36.79	50.24	19.27
47.Real Estate	41.99	56.23	17.86	42.46	72.5	20.05
48.Renting of Machinery	25.01	16.35	16.17	24.81	18.98	17.56
49.Computer relating services	62.33	51.09	11.47	62.24	59.52	12.40
50.Legal services	48.76	28.82	11.01	49.59	27.5	10.57
51.Accounting+Book-Keeping	88.95	0	0.00	88.95	0	0.00
52.Research Dev.	21.73	23.36	22.24	20.91	24.68	23.76
53.Education	34.32	42.39	18.97	34.91	43.51	18.89
54.Coaching centre	10.06	11.15	33.19	37.02	39.99	17.08
55.Medical and Health	10.39	11.54	32.70	11.34	12.05	30.61
56.Sanitary Services	69.98	45.47	9.64	69.98	54.63	10.56
57.Membership Organisations	27.79	30.89	20.00	27.49	34.15	21.26
58.Recreation & Entertainment	27.76	26.07	18.39	23.23	38.62	26.75
59.Washing & cleaning of Textiles	20.83	26.21	24.58	22.37	29.49	24.28
60.Hair dressing + beauty treatment	7.98	8.45	36.43	7.82	9.13	38.64
61.Custom Tailoring	6.67	14.53	57.15	8.41	14.52	45.31
62.Funeral related + otherservices	25.44	20.68	17.88	27.85	19.59	15.89
63.Pvt. Household with employed person	0	0	0.00	0	0	0.00
All	3.88	4.84	56.70	4	4.78	54.66

Table 4.2.25: Compilation Category wise RSE of estimated no. of enterprises and workers for central, state and pooled sample of rural sector and EST with pooling method Matching Ratio

Sector: RURAL Ent Type: EST Pooling method: MR

Compilation Category	RSE of Estimated Enterprise			RSE of Estimated workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	91.05	57.37	8.32	-	100	-
02.meat+fish+fruits+vegetables+oils	29.24	30.34	18.84	46.41	75.1	18.67
03.dairy products	32.22	54.81	22.98	80.57	63.83	9.92
04.grain mill products	8.18	9.47	37.62	14.48	23.04	33.15
05.other food products	26.87	26.03	18.99	29.27	48.55	23.81
06.beverages	77.26	83.93	11.86	95.1	71.16	8.87
07.tobacco products	28.83	43.49	22.87	100	64.25	8.02
08.spinning+ weaving+finishing of textiles	15.67	23.34	30.83	24.2	34.75	24.36
09.wearing apparel	48.56	15.54	8.12	90.72	42.91	7.22
10.leather & fur products	60.42	25.59	8.37	83.1	59.05	9.25
11.wood and wood products	13.44	19.62	32.96	28.81	56.73	26.14
12.furniture	20.33	21.09	22.59	17.55	41.24	36.59
13.paper and printing +publishing	59.73	49.33	11.76	97.75	55.13	7.60
14.rubber+ plastic+petroleum products etc.	65.58	100	15.25	87.69	-	-
15.pharmaceuticals+chemical and chemical products	42.83	22.11	10.98	44.85	57.58	16.92
16.non-metallic products	26.98	20.47	16.77	21.82	25.09	22.96
17.basic metals(Ferrous)	81.08	36.47	7.45	94.43	77	9.29
18.basic metals(Non-Ferrous)	99.84	100	10.02	100	100	10.00
19.recycling	-	100	-	-	-	-
20.febricated metal products+repair(nondomestic)	13.68	21.13	33.60	29.94	30.94	18.58
21.computer+electronics+optical+repair(nondomest)	-	70.76	-	-	-	-
22.electrical machinery+repair(nondomestic)	27.24	34.71	21.63	52.59	60.37	14.77
23.machinery nec+repair(nondomestic)	21.86	29.23	24.73	41.18	80.66	21.81
24.transport equipment+repair(nondomestic)	62.8	67.1	13.04	68.56	100	14.59
25.other manufacturing+repair	61.39	47.98	11.28	70.13	51.96	10.28
26.repair of motor vehicles and motor cycles	20.81	25.21	24.13	19.75	43.15	33.26
27.Sale of motor vehicles	33.81	31.64	16.64	38.17	42.16	17.01
28.Whole sale trade + Auctioning activities	14.14	18.7	30.58	29.71	44.09	22.35
29.Repair of personal and household goods	9.8	13.58	37.60	33.52	39.81	18.82
30.Retail trade (except motor vehicle)	4.56	6.18	54.52	10.43	18.87	41.65
31.Hotels; Camping sites etc.	100	59.44	7.71	100	57.31	7.57
32.Restaurant+bars+canteen	10.26	10.84	32.09	22.39	20.26	20.10
33.Scheduled passenger land transport	48.1	37.74	12.77	41.75	76.98	21.02
34.Non-sch passenger transport by motor vehicles	14.29	17.96	29.66	33.1	39.82	19.06
35.Freight transport by motor vehicles	16.09	32.29	35.32	28.61	35.24	20.75
36.Other non-scheduled passenger land transport	12.45	13.5	29.51	-	79.28	-
37.Freight transport other than by motor vehicles	16.77	29.63	32.46	84.88	60.15	9.14

Compilation Category	RSE of Estimated Enterprise			RSE of Estimated workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
38.water Transport	50.97	83.79	17.96	100	-	-
39.Financial excl insurance and pension	46.51	49.98	15.20	73.86	-	-
40.Other financial activities	21.11	31.3	26.50	85.67	100	11.67
41.Storage and Ware Housing	-	56.83	-	-	57.03	-
42.Supporting & Auxiliary transport activities	52.31	63.74	15.26	72.62	100	13.77
43.Postal Services	-	-	-	-	-	-
44.Courier activities	-	100	-	-	-	-
45.Cable operator	99.49	86.06	9.32	-	-	-
46.Other communication	39.58	30.71	14.00	-	45.06	-
47.Real Estate	41.99	56.23	17.86	72.94	76.1	11.96
48.Renting of Machinery	25.01	16.35	16.17	24.86	29.23	21.75
49.Computer relating services	62.33	51.09	11.47	-	50.83	-
50.Legal services	48.76	28.82	11.01	76.84	100	13.01
51.Accounting+Book-Keeping	88.95	-	-	-	-	-
52.Research Dev.	21.73	23.36	22.24	48.93	39.74	12.88
53.Education	34.32	42.39	18.97	67.39	84.07	13.61
54.Coaching centre	10.06	11.15	33.19	16.39	12.78	21.81
55.Medical and Health	10.39	11.54	32.70	17.5	42.29	37.16
56.Sanitary Services	69.98	45.47	9.64	-	-	-
57.Membership Organisations	27.79	30.89	20.00	-	79.13	-
58.Recreation & Entertainment	27.76	26.07	18.39	78.21	42.31	8.32
59.Washing & cleaning of Textiles	20.83	26.21	24.58	-	71.08	-
60.Hair dressing + beauty treatment	7.98	8.45	36.43	19.01	27.24	27.45
61.Custom Tailoring	6.67	14.53	57.15	27.62	26.14	18.51
62.Funeral related + otherservices	25.44	20.68	17.88	100	100	10.00
63.Pvt. Household with employed person	-	-	-	-	-	-
All	3.88	4.84	56.70	9.7	10.19	32.91

Table 4.2.26: Compilation Category wise RSE of estimated no. of enterprises and workers for central, state and pooled sample of urban sector and OAE with pooling method Matching Ratio

Sector: URBAN Ent Type: OAE Pooling method: MR

Compilation Category	RSE of Estimated enterprise			RSE of Estimated workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	75.87	43.27	8.67	100	64.66	8.04
02.meat+fish+fruits+vegetables+oils	20.69	30.93	26.88	28.16	42.08	23.04
03.dairy products	46.34	27.64	11.35	60.51	40.06	10.46
04.grain mill products	12.08	13.99	30.96	13.33	15	29.05
05.other food products	19.65	12.82	18.22	22.67	22.18	20.77
06.beverages	46.06	44.32	14.45	62.69	57.03	12.05
07.tobacco products	29.4	24.58	16.86	33.83	24.15	14.53
08.spinning+ weaving+finishing of textiles	19.41	29.56	28.01	21.97	25.68	23.07
09.wearing apparel	44.9	11.7	7.62	60.06	17.01	6.87
10.leather & fur products	22.48	33.04	25.57	23.19	45.09	28.96
11.wood and wood products	30.01	20.64	15.14	45.43	12.91	7.91
12.furniture	23.51	21.12	19.55	36.3	20.82	12.57
13.paper and printing +publishing	13.29	19.74	33.43	19.18	27.92	27.55
14.rubber+ plastic+petroleum products etc.	76.95	69.09	10.80	78.12	58.66	9.80
15.pharmaceuticals+chemical and chemical products	49.2	43.35	13.38	61.79	58.53	12.38
16.non-metallic products	17.98	24.26	27.39	20.95	39.48	29.99
17.basic metals(Ferrous)	50.32	37.59	12.18	53.06	42.43	12.28
18.basic metals(Non-Ferrous)	69.08	70.66	12.17	76.33	67.25	10.74
19.recycling	89.05	36.56	6.79	100	38.15	6.18
20.febricated metal products+repair(nondomestic)	15.77	32.39	36.09	27	42.27	24.08
21.computer+electronics+optical+repair(nondomest)	59.53	29.11	9.06	84.66	41.59	7.62
22.electrical machinery+repair(nondomestic)	29.84	26.91	17.38	34.28	27.91	15.41
23.machinery nec+repair(nondomestic)	23.3	27.79	22.62	25.73	30.03	21.30
24.transport equipment+repair(nondomestic)	51.88	30.32	10.61	69.93	52.61	10.37
25.other manufacturing+repair	19.68	37.65	31.18	18.46	33.24	31.23
26.repair of motor vehicles and motor cycles	21.23	19.63	20.87	21.51	30.13	25.52
27.Sale of motor vehicles	31.08	34.46	18.89	31.88	33.17	18.07
28.Whole sale trade + Auctioning activities	17.69	15.48	22.24	22.14	22.37	21.36
29.Repair of personal and household goods	9.23	11	35.93	9.4	13.79	39.51
30.Retail trade (except motor vehicle)	8.33	5.93	29.23	12.32	7.48	22.20
31.Hotels; Camping sites etc.	46.2	28.02	11.46	98.01	54.82	7.55
32.Restaurant+bars+canteen	21.46	15.09	18.10	14.91	21.92	31.40
33.Scheduled passenger land transport	36.58	35.97	16.40	47.94	45.05	14.00
34.Non-sch passenger transport by motor vehicles	18.73	28.82	28.66	20.93	29.28	25.85
35.Freight transport by motor vehicles	20.39	23.82	23.94	29.3	29.57	18.56
36.Other non-scheduled passenger land transport	15.44	14.89	24.99	15.45	14.78	24.88
37.Freight transport other than by motor vehicles	24.86	18.74	17.41	24.49	18.76	17.69

Compilation Category	RSE of Estimated enterprise			RSE of Estimated workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
38.water Transport	73.07	90.21	13.00	68.15	90.21	13.94
39.Financial excl insurance and pension	43.18	44.1	15.38	40.92	47.7	16.88
40.Other financial activities	29.15	35.96	20.57	26.77	35.9	22.38
41.Storage and Ware Housing	100	82.83	9.10	-	100	-
42.Supporting & Auxiliary transport activities	58.11	49.59	12.12	40.58	60.64	19.19
43.Postal Services	100	-	-	-	-	-
44.Courier activities	65.73	50.78	10.84	76.69	77.08	11.45
45.Cable operator	35.98	71.31	23.47	78.85	-	-
46.Other communication	29.95	23.56	16.21	31.84	25.98	16.01
47.Real Estate	20.12	36.63	30.08	20.71	37.69	29.64
48.Renting of Machinery	15.56	14.94	24.84	23.54	17.45	17.75
49.Computer relating services	66.79	25.67	7.59	29.11	31.43	19.26
50.Legal services	17.11	15.15	22.75	43.86	15.63	9.01
51.Accounting+Book-Keeping	69.96	52.7	10.38	74.65	55.27	9.96
52.Research Dev.	30.92	19.48	14.27	23.32	19.62	18.99
53.Education	22.51	22.28	20.97	25.33	27.29	20.62
54.Coaching centre	13.68	9.43	22.45	32.45	26.53	15.87
55.Medical and Health	13.35	10.01	23.70	11.86	16.04	33.77
56.Sanitary Services	57.08	31.88	9.89	58.55	37.26	10.43
57.Membership Organisations	53.55	37.61	11.45	55.35	39.95	11.42
58.Recreation & Entertainment	21.25	19.72	20.90	37.52	34.41	15.63
59.Washing & cleaning of Textiles	18.8	13.41	19.48	19.32	13.95	19.33
60.Hair dressing + beauty treatment	8.37	9.58	36.98	10.82	10.93	30.56
61.Custom Tailoring	8.19	20.8	55.69	9.38	16.59	43.42
62.Funeral related + otherservices	60.78	17.4	6.86	59.92	18.78	7.23
63.Pvt. Household with employed person	-	-	-	-	-	-
All	6.35	4.56	33.63	6.2	4.86	35.56

Table 4.2.27: Compilation Category wise RSE of estimated no. of enterprises and workers for central, state and pooled sample of urban sector and EST with pooling method Matching Ratio

Sector: URBAN Ent Type:EST Pooling method: MR

Compilation Category	RSE of Estimated enterprise			RSE of Estimated workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	75.87	43.27	8.67	87.7	74.42	9.84
02.meat+fish+fruits+vegetables+oils	20.69	30.93	26.88	49.08	38.52	12.65
03.dairy products	46.34	27.64	11.35	45.3	39	13.79
04.grain mill products	12.08	13.99	30.96	19.27	22.16	24.43
05.other food products	19.65	12.82	18.22	25.75	19.42	17.11
06.beverages	46.06	44.32	14.45	79.89	55.77	9.35
07.tobacco products	29.4	24.58	16.86	49.11	64.54	16.36
08.spinning+ weaving+finishing of textiles	19.41	29.56	28.01	13.84	20.08	32.38
09.wearing apparel	44.9	11.7	7.62	73.32	15.12	5.30
10.leather & fur products	22.48	33.04	25.57	34.67	17.66	12.12
11.wood and wood products	30.01	20.64	15.14	23.47	63.26	33.89
12.furniture	23.51	21.12	19.55	30.39	25.39	16.58
13.paper and printing +publishing	13.29	19.74	33.43	17.05	24.9	29.27
14.rubber+ plastic+petroleum products etc.	76.95	69.09	10.80	81.82	97.36	12.06
15.pharmaceuticals+chemical and chemical products	49.2	43.35	13.38	52.84	52.27	13.68
16.non-metallic products	17.98	24.26	27.39	48.45	49.17	14.47
17.basic metals(Ferrous)	50.32	37.59	12.18	83.26	51.29	8.60
18.basic metals(Non-Ferrous)	69.08	70.66	12.17	64.77	67.99	12.73
19.recycling	89.05	36.56	6.79	100	31.87	5.65
20.febricated metal products+repair(nondomestic)	15.77	32.39	36.09	19.74	46.15	34.41
21.computer+electronics+optical+repair(nondomest)	59.53	29.11	9.06	98.42	45.78	6.87
22.electrical machinery+repair(nondomestic)	29.84	26.91	17.38	36.25	37.77	16.95
23.machinery nec+repair(nondomestic)	23.3	27.79	22.62	47.06	39.21	13.31
24.transport equipment+repair(nondomestic)	51.88	30.32	10.61	45.3	52.64	16.02
25.other manufacturing+repair	19.68	37.65	31.18	61.32	51.91	11.75
26.repair of motor vehicles and motor cycles	21.23	19.63	20.87	28.56	28.18	18.59
27.Sale of motor vehicles	31.08	34.46	18.89	29.31	26.36	17.52
28.Whole sale trade + Auctioning activities	17.69	15.48	22.24	33.69	25.96	15.12
29.Repair of personal and household goods	9.23	11	35.93	23.28	19.02	18.73
30.Retail trade (except motor vehicle)	8.33	5.93	29.23	26.48	19.18	16.54
31.Hotels; Camping sites etc.	46.2	28.02	11.46	31.75	29.94	17.23
32.Restaurant+bars+canteen	21.46	15.09	18.10	43.68	23.08	11.00
33.Scheduled passenger land transport	36.58	35.97	16.40	70.76	38.33	8.75
34.Non-sch passenger transport by motor vehicles	18.73	28.82	28.66	29.19	37.28	20.92
35.Freight transport by motor vehicles	20.39	23.82	23.94	37.75	34.93	15.66
36.Other non-scheduled passenger land transport	15.44	14.89	24.99	96.16	68.04	8.58
37.Freight transport other than by motor vehicles	24.86	18.74	17.41	100	100	10.00

Compilation Category	RSE of Estimated enterprise			RSE of Estimated workers		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
38.water Transport	73.07	90.21	13.00	-	-	-
39.Financial excl insurance and pension	43.18	44.1	15.38	59.23	57.22	12.77
40.Other financial activities	29.15	35.96	20.57	86.13	44.76	7.77
41.Storage and Ware Housing	100	82.83	9.10	100	92.48	9.62
42.Supporting & Auxiliary transport activities	58.11	49.59	12.12	78.03	55.64	9.56
43.Postal Services	100	-	-	100	-	-
44.Courier activities	65.73	50.78	10.84	72.12	45.04	9.31
45.Cable operator	35.98	71.31	23.47	51.72	67.5	15.89
46.Other communication	29.95	23.56	16.21	47.01	37.18	12.97
47.Real Estate	20.12	36.63	30.08	42.74	50.35	16.60
48.Renting of Machinery	15.56	14.94	24.84	19.34	25.18	25.95
49.Computer relating services	66.79	25.67	7.59	69.69	45.82	9.71
50.Legal services	17.11	15.15	22.75	31.15	59	24.66
51.Accounting+Book-Keeping	69.96	52.7	10.38	93.29	49.93	7.57
52.Research Dev.	30.92	19.48	14.27	62.92	28.83	8.53
53.Education	22.51	22.28	20.97	46.37	51.29	15.44
54.Coaching centre	13.68	9.43	22.45	11.83	12.92	30.38
55.Medical and Health	13.35	10.01	23.70	25.16	16.61	16.20
56.Sanitary Services	57.08	31.88	9.89	100	70.98	8.42
57.Membership Organisations	53.55	37.61	11.45	46.89	64.16	17.08
58.Recreation & Entertainment	21.25	19.72	20.90	22.24	30.39	24.79
59.Washing & cleaning of Textiles	18.8	13.41	19.48	31.87	42.67	20.50
60.Hair dressing + beauty treatment	8.37	9.58	36.98	22.96	18.05	18.50
61.Custom Tailoring	8.19	20.8	55.69	16	22.72	29.79
62.Funeral related + otherservices	60.78	17.4	6.86	37.11	64.47	21.64
63.Pvt. Household with employed person	-	-	-	-	-	-
All	6.35	4.56	33.63	18.48	10.93	17.89

Table 4.2.28: Compilation Category wise GVAPW and RSE for central, state and pooled sample of rural sector and OAE with pooling method Matching Ratio

Sector: RURAL Ent Type: OAE Pooling method: MR

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	15683	59790	58120	6.67	21.77	69.95
02.meat+fish+fruits+vegetables+oils	27861	46583	36598	17.69	25.45	28.52
03.dairy products	24484	32214	29880	28.87	30.38	19.09
04.grain mill products	24518	29377	27401	11.85	8.79	25.02
05.other food products	20274	30992	24611	13.92	13.83	26.72
06.beverages	5706	17256	6333	36.32	-	-
07.tobacco products	8894	14606	9868	9.57	8.45	30.38
08.spinning+ weaving+finishing of textiles	9971	30768	18925	9.53	29.28	56.78
09.wearing apparel	16803	46041	42970	25.7	9.9	12.24
10.leather & fur products	28824	37557	37291	1.43	4.22	143.65
11.wood and wood products	18304	21327	19380	15.91	23.17	30.25
12.furniture	27463	47060	36874	11.94	8.36	24.22
13.paper and printing +publishing	21780	71607	24786	10.29	31.4	54.46
14.rubber+ plastic+petroleum products etc.	162210	27600	33073	-	-	-
15.pharmaceuticals+chemical and chemical products	26820	36124	35224	-	8.66	-
16.non-metallic products	11919	18049	14645	9.01	15.9	44.26
17.basic metals(Ferrous)	19044	25133	24809	8.54	20.15	52.56
18.basic metals(Non-Ferrous)	7950	-	7950	-	-	-
19.recycling	-	6000	6000	-	-	-
20.febricated metal products+repair(nondomestic)	22838	38351	28945	9	10.8	36.51
21.computer+electronics+optical+repair(nondomest)	-	62284	62280	-	24.83	-
22.electrical machinery+repair(nondomestic)	40249	40995	40810	15.92	27.48	32.93
23.machinery nec+repair(nondomestic)	28009	39410	35145	9.62	6.79	27.09
24.transport equipment+repair(nondomestic)	46020	56420	55793	-	6.1	-
25.other manufacturing+repair	15525	12065	26034	40.61	14.96	9.52
26.repair of motor vehicles and motor cycles	33535	61415	40686	5.82	20.15	77.13
27.Sale of motor vehicles	52204	85067	69146	16.6	48.08	41.77
28.Whole sale trade + Auctioning activities	50820	65443	54079	9.93	9.73	31.41
29.Repair of personal and household goods	27972	41602	34807	6.6	6.83	39.60
30.Retail trade (except motor vehicle)	25489	57548	40914	4.36	19.14	100.34
31.Hotels; Camping sites etc.	-	33487	33487	-	6.25	-
32.Restaurant+bars+canteen	21138	29056	24843	7.11	6.54	35.97
33.Scheduled passenger land transport	65404	63651	63857	31.45	12.85	11.40
34.Non-sch passenger transport by motor vehicles	46203	72068	58195	19.17	9.33	15.93
35.Freight transport by motor vehicles	55076	95722	74167	15.18	11.17	22.02
36.Other non-scheduled passenger land transport	36112	41255	38653	11.71	5.07	19.23
37.Freight transport other than by motor vehicles	36104	43437	39726	9.32	6.99	28.37
38.water Transport	10939	29895	19346	12.48	35.7	47.88

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	936	27755	7361	38.76	55.25	19.18
40.Other financial activities	58449	66062	60226	29.96	23.05	16.02
41.Storage and Ware Housing	-	-	-	-	-	-
42.Supporting & Auxiliary transport activities	19318	57359	51604	23.2	24.73	21.44
43.Postal Services	-	-	-	-	-	-
44.Courier activities	-	95400	95400	-	-	-
45.Cable operator	90845	95932	91840	0.55	34.28	1064.53
46.Other communication	6520	7175	7104	33.46	43.95	19.81
47.Real Estate	30268	20918	56156	27.63	13.42	13.26
48.Renting of Machinery	31910	39512	34601	11.62	15.79	34.20
49.Computer relating services	27315	22947	24616	44.29	66.47	18.41
50.Legal services	80066	86532	81779	7.42	17.43	56.27
51.Accounting+Book-Keeping	16400	-	16400	16.57	-	-
52.Research Dev.	42508	56723	47642	13.81	19.5	31.98
53.Education	35038	41475	36404	14.04	30.94	39.62
54.Coaching centre	27651	46084	38607	9.45	33.52	61.27
55.Medical and Health	43944	71806	55676	9.92	9.11	30.43
56.Sanitary Services	30789	21771	24796	17.87	16.79	22.93
57.Membership Organisations	27522	51521	30207	13.09	38.94	47.67
58.Recreation & Entertainment	22532	27048	23240	13.46	30.65	41.13
59.Washing & cleaning of Textiles	11556	23209	16785	13.09	29.41	41.43
60.Hair dressing + beauty treatment	23914	31887	28488	5.57	6.38	45.35
61.Custom Tailoring	19459	31407	22899	5.54	8.52	52.69
62.Funeral related + otherservices	24113	39441	29413	14.54	12.95	24.75
63.Pvt. Household with employed person	-	-	-	-	-	-
All	24094	45214	33728	3.36	11.77	102.11

Table 4.2.29: Compilation Category wise GVAPW and RSE for central, state and pooled sample of rural sector and EST with pooling method Matching Ratio

Sector: RURAL Ent Type: EST Pooling method: MR

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	-	5460	5460	-	-	-
02.meat+fish+fruits+vegetables+oils	41708	13407	14838	23.93	32.22	23.72
03.dairy products	146583	80230	130217	8.76	42.78	74.66
04.grain mill products	43080	42423	42597	9.06	15.89	44.00
05.other food products	26250	31719	29988	27.32	9.69	11.39
06.beverages	52234	5580	69335	16.24	60.91	48.06
07.tobacco products	7428	27750	25385	-	53.74	-
08.spinning+ weaving+finishing of textiles	30337	32378	31126	12.57	14.9	30.71
09.wearing apparel	79219	32286	33390	8.47	13.55	43.46
10.leather & fur products	114329	32650	70978	0.34	2.12	428.24
11.wood and wood products	47753	57328	53846	11.24	12.09	30.93
12.furniture	47781	93407	69168	11.21	40.32	56.64
13.paper and printing +publishing	59659	56484	58995	0.81	23.41	597.33
14.rubber+ plastic+petroleum products etc.	35906	-	35900	37.55	-	-
15.pharmaceuticals+chemical and chemical products	28312	10953	110878	33.04	74.1	26.05
16.non-metallic products	42582	73007	50318	18.47	34.85	31.96
17.basic metals(Ferrous)	107206	64867	78237	4.85	20.37	93.06
18.basic metals(Non-Ferrous)	75800	46875	48800	-	-	-
19.recycling	-	-	-	-	-	-
20.febricated metal products+repair(nondomestic)	49404	68899	56305	7.72	19.97	57.89
21.computer+electronics+optical+repair(nondomest)	-	-	-	-	-	-
22.electrical machinery+repair(nondomestic)	44241	41510	41818	15.62	40.41	40.70
23.machinery nec+repair(nondomestic)	41474	93291	72184	9.18	15.81	43.31
24.transport equipment+repair(nondomestic)	59389	78000	63616	16.55	-	-
25.other manufacturing+repair	26190	76802	42329	62.22	27.18	8.38
26.repair of motor vehicles and motor cycles	36873	41645	39058	9.19	20.4	49.15
27.Sale of motor vehicles	170652	26479	199545	29.34	66.87	27.87
28.Whole sale trade + Auctioning activities	94800	3466	138470	19.07	32.36	29.83
29.Repair of personal and household goods	29108	43236	36041	10.86	9.45	28.31
30.Retail trade (except motor vehicle)	65157	48813	116244	6.22	40.34	102.11
31.Hotels; Camping sites etc.	106410	52188	52945	-	10.72	-
32.Restaurant+bars+canteen	39800	47485	43084	9.1	13.17	39.88
33.Scheduled passenger land transport	65868	81413	69294	36.94	5.73	6.48
34.Non-sch passenger transport by motor vehicles	41620	13396	60289	16.65	22.13	28.25
35.Freight transport by motor vehicles	78618	84869	108004	10.67	38.94	58.48
36.Other non-scheduled passenger land transport	-	68971	68972	-	23.22	-
37.Freight transport other than by motor vehicles	19453	85953	61097	20.34	39.81	31.02
38.water Transport	64647	-	64647	-	-	-

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	25469	-	25468	37.29	-	-
40.Other financial activities	44368	35400	41145	12.16	-	-
41.Storage and Ware Housing	-	35900	135901	-	43.93	-
42.Supporting & Auxiliary transport activities	44306	78960	45860	4.79	-	-
43.Postal Services	-	-	-	-	-	-
44.Courier activities	-	-	-	-	-	-
45.Cable operator	-	-	-	-	-	-
46.Other communication	-	90895	3291013	-	59.64	-
47.Real Estate	218484	35749	178258	18.49	8.8	16.04
48.Renting of Machinery	34331	44842	40718	9.86	32.06	57.43
49.Computer relating services	-	47558	47559	-	27.66	-
50.Legal services	36707	70800	60398	13.47	-	-
51.Accounting+Book-Keeping	-	-	-	-	-	-
52.Research Dev.	47893	52658	50294	8.66	14.25	43.59
53.Education	23957	40088	37004	38.49	15.59	10.26
54.Coaching centre	39229	54226	46146	17.39	22.84	27.48
55.Medical and Health	54258	56084	55538	10.54	14.38	35.98
56.Sanitary Services	-	-	-	-	-	-
57.Membership Organisations	-	12126	12126	-	44.91	-
58.Recreation & Entertainment	9242	16734	10217	10.15	21.31	45.48
59.Washing & cleaning of Textiles	-	44544	44544	-	48.06	-
60.Hair dressing + beauty treatment	27619	36256	31441	11.16	18.68	38.73
61.Custom Tailoring	33595	30103	32894	13.67	8.71	21.59
62.Funeral related + otherservices	47331	47400	47344	-	-	-
63.Pvt. Household with employed person	-	-	-	-	-	-
All	42975	65975	53055	8.16	12.93	44.07

Table 4.2.30: Compilation Category wise GVAPW and RSE for central, state and pooled sample of rural sector and All enterprises with pooling method Matching Ratio

Sector: RURAL Ent Type: All Pooling method: MR

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	15683	59099	57475	6.67	21.9	70.16
02.meat+fish+fruits+vegetables+oils	29107	23540	25104	16.81	30.79	33.01
03.dairy products	67834	34156	43066	41.12	29.22	13.15
04.grain mill products	27429	31700	29971	9.43	7.36	28.77
05.other food products	22456	31527	27837	15.51	7.81	18.02
06.beverages	11461	64680	16678	61.47	65.54	13.17
07.tobacco products	8892	15049	9972	9.57	8.11	29.76
08.spinning+ weaving+finishing of textiles	12646	30949	20427	10.35	26.26	49.51
09.wearing apparel	26176	39678	38745	37.01	11.67	9.23
10.leather & fur products	99700	36838	45335	15.58	3.73	12.40
11.wood and wood products	21876	29172	25167	14.23	21.82	32.83
12.furniture	32907	59074	45388	10.41	18.34	41.14
13.paper and printing +publishing	43315	58838	45660	24.36	20.02	18.37
14.rubber+ plastic+petroleum products etc.	71168	27600	33341	54.3	-	-
15.pharmaceuticals+chemical and chemical products	28203	28433	87490	30.72	66.44	26.53
16.non-metallic products	34920	49864	39606	16.93	29.74	32.21
17.basic metals(Ferrous)	47360	27298	28755	55.74	19.12	7.84
18.basic metals(Non-Ferrous)	8219	46875	10259	4.62	-	-
19.recycling	-	6000	6000	-	-	-
20.febricated metal products+repair(nondomestic)	30695	46332	36680	7.93	10.42	40.71
21.computer+electronics+optical+repair(nondomest)	-	62284	62280	-	24.83	-
22.electrical machinery+repair(nondomestic)	40628	41105	40999	14.29	28.81	37.56
23.machinery nec+repair(nondomestic)	31788	53059	44916	9.21	23.48	52.61
24.transport equipment+repair(nondomestic)	55926	57523	57219	12.58	5.21	18.14
25.other manufacturing+repair	15806	8754	26591	40.99	14.44	9.27
26.repair of motor vehicles and motor cycles	34749	51230	40013	5.25	16.65	77.72
27.Sale of motor vehicles	132367	80475	57452	20.75	54.57	35.60
28.Whole sale trade + Auctioning activities	60701	18916	76819	12.16	20.46	37.20
29.Repair of personal and household goods	28015	41660	34852	6.39	6.59	40.17
30.Retail trade (except motor vehicle)	26410	61018	43206	4.29	17.77	98.26
31.Hotels; Camping sites etc.	106410	45504	46054	-	11.75	-
32.Restaurant+bars+canteen	23472	31038	26975	6.38	6.35	39.50
33.Scheduled passenger land transport	65597	64115	64384	23.94	12.49	14.76
34.Non-sch passenger transport by motor vehicles	43982	83727	59049	12.65	11.41	26.70
35.Freight transport by motor vehicles	68112	24651	89493	8.69	22.8	54.95
36.Other non-scheduled passenger land transport	36112	41384	38723	11.71	5.08	19.25
37.Freight transport other than by motor vehicles	35980	43980	39942	9.3	7.91	30.24
38.water Transport	23600	29895	25678	46.75	35.7	12.78

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	3656	27755	8930	61.67	55.25	12.05
40.Other financial activities	58209	65112	59837	29.59	22.53	16.04
41.Storage and Ware Housing	-	35900	35901	-	43.93	-
42.Supporting & Auxiliary transport activities	34657	57643	50449	18.47	24.39	26.74
43.Postal Services	-	-	-	-	-	-
44.Courier activities	-	95400	95400	-	-	-
45.Cable operator	90845	95932	91840	0.55	34.28	1064.53
46.Other communication	6520	76918	69386	33.46	101.09	30.05
47.Real Estate	34639	10002	60922	28.35	13.46	12.94
48.Renting of Machinery	32619	41965	36872	7.92	16.3	50.98
49.Computer relating services	27315	31915	30617	44.29	38.67	14.04
50.Legal services	78617	83712	80135	7.16	14.72	53.58
51.Accounting+Book-Keeping	16400	-	16400	16.57	-	-
52.Research Dev.	43085	55999	47997	12.15	16.39	33.32
53.Education	34615	40945	36488	14.07	20.33	32.05
54.Coaching centre	38717	53507	45665	16.76	21.39	27.60
55.Medical and Health	45043	67933	55652	8.98	8.08	31.65
56.Sanitary Services	30789	21771	24796	17.87	16.79	22.93
57.Membership Organisations	27522	41566	29547	13.09	41.27	49.08
58.Recreation & Entertainment	11240	19014	12241	18.57	18.82	23.36
59.Washing & cleaning of Textiles	11556	23421	16910	13.09	29.05	41.17
60.Hair dressing + beauty treatment	24170	32070	28646	5.16	6.19	48.22
61.Custom Tailoring	22960	31185	25165	8.69	7.66	31.85
62.Funeral related + otherservices	24388	39483	29585	14.42	12.88	24.89
63.Pvt. Household with employed person	-	-	-	-	-	-
All	28225	49556	37883	3.78	9.77	82.69

Table 4.2.31: Compilation Category wise GVAPW and RSE for central, state and pooled sample of urban sector and OAE with pooling method Matching Ratio

Sector: URBAN Ent Type: OAE Pooling method: MR

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	22600	31548	30031	-	41.59	-
02.meat+fish+fruits+vegetables+oils	41518	39975	41057	23.2	12.91	15.49
03.dairy products	34624	61417	41512	16.26	30.12	33.75
04.grain mill products	41896	57212	48971	15.01	8.89	19.86
05.other food products	27902	57662	41494	18.18	8.5	16.04
06.beverages	46158	30336	38047	10.11	41.7	63.87
07.tobacco products	8186	24160	13902	9.8	11.53	34.65
08.spinning+ weaving+finishing of textiles	14541	39183	24498	4.48	11.04	74.17
09.wearing apparel	27745	53051	51454	28.45	8.06	9.98
10.leather & fur products	37139	29840	31887	8.85	85.84	104.69
11.wood and wood products	22427	80288	40998	8.56	35.45	69.56
12.furniture	48619	78982	65647	11.33	9.39	27.05
13.paper and printing +publishing	37556	54795	45408	13.27	24.81	37.54
14.rubber+ plastic+petroleum products etc.	24368	44010	29218	37.33	47.41	18.44
15.pharmaceuticals+chemical and chemical products	13287	57571	31368	9.59	27.55	54.73
16.non-metallic products	23992	60847	38304	9.99	35.41	59.57
17.basic metals(Ferrous)	29116	18828	1403	12.09	32.96	47.49
18.basic metals(Non-Ferrous)	34068	88990	52641	6.41	17.02	64.36
19.recycling	29400	35733	35693	-	10.8	-
20.febricated metal products+repair(nondomestic)	39518	64416	56613	16.91	9.38	18.11
21.computer+electronics+optical+repair(nondomest)	15501	64746	37367	60.61	15.97	6.59
22.electrical machinery+repair(nondomestic)	60627	17793	90281	10.4	20.06	43.07
23.machinery nec+repair(nondomestic)	47184	66675	54090	9.58	12.34	36.67
24.transport equipment+repair(nondomestic)	45034	11266	83769	6.91	11.17	48.37
25.other manufacturing+repair	29380	8552	51070	18.43	16.77	22.22
26.repair of motor vehicles and motor cycles	37458	55590	46399	9.47	19.03	46.06
27.Sale of motor vehicles	99207	81528	54844	20.28	12.32	17.31
28.Whole sale trade + Auctioning activities	152505	79891	88999	50.21	39.24	12.48
29.Repair of personal and household goods	41005	56678	49089	3.78	8.88	78.83
30.Retail trade (except motor vehicle)	45928	19960	82312	5.62	10.9	58.75
31.Hotels; Camping sites etc.	71626	76159	75123	0.86	21.44	538.41
32.Restaurant+bars+canteen	34437	48477	40969	7.95	7.47	34.38
33.Scheduled passenger land transport	35092	65935	51650	32.18	10.31	9.98
34.Non-sch passenger transport by motor vehicles	70080	68133	69065	7.47	8.84	39.80
35.Freight transport by motor vehicles	59938	44581	58597	17.23	55.93	43.40
36.Other non-scheduled passenger land transport	41100	49489	45754	7.39	7.78	37.74
37.Freight transport other than by motor vehicles	37926	43181	39136	4.22	11.67	80.95
38.water Transport	19338	69519	48194	44.99	0.67	1.82

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	45166	8117	64076	22.55	27.09	23.08
40.Other financial activities	112429	93104	41701	16.39	24.68	30.31
41.Storage and Ware Housing	-	24440	24440	-	-	-
42.Supporting & Auxiliary transport activities	56172	43869	8532	26.36	34.49	22.28
43.Postal Services	-	-	-	-	-	-
44.Courier activities	43774	57800	57200	8.7	4.33	23.92
45.Cable operator	61380	-	61381	22.58	-	-
46.Other communication	19478	37951	32545	20.68	18.47	20.78
47.Real Estate	49749	9679	11718	15.81	17.89	26.75
48.Renting of Machinery	44606	90333	68228	13.95	18.35	30.71
49.Computer relating services	66928	27507	14803	16.21	29.09	33.27
50.Legal services	63427	35114	90258	28.62	20.39	15.78
51.Accounting+Book-Keeping	79389	97829	33151	16.03	16.97	25.70
52.Research Dev.	47352	69947	56874	11.9	8.83	24.97
53.Education	42150	70841	54875	14.51	12.39	24.26
54.Coaching centre	60280	45088	52513	29.37	7.63	9.40
55.Medical and Health	68305	11500	90460	11.26	9.14	26.85
56.Sanitary Services	22372	40159	36070	7.75	16.04	51.68
57.Membership Organisations	41942	50914	96966	20.35	23.55	23.85
58.Recreation & Entertainment	31246	43191	38296	13.62	36.13	44.13
59.Washing & cleaning of Textiles	27645	42375	32744	10.19	9.54	30.31
60.Hair dressing + beauty treatment	38476	51997	45324	7.08	4.97	31.49
61.Custom Tailoring	27835	44763	33563	5.03	6.24	49.66
62.Funeral related + otherservices	27663	36959	31484	8.79	17.42	47.48
63.Pvt. Household with employed person	-	-	-	-	-	-
All	42453	90423	64711	8.39	7.93	33.56

Table 4.2.32: Compilation Category wise GVAPW and RSE for central, state and pooled sample of urban sector and EST with pooling method Matching Ratio

Sector: URBAN Ent Type: EST Pooling method: MR

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	11425	142425	108937	14.37	78.02	61.47
02.meat+fish+fruits+vegetables+oils	59133	51472	56965	7.03	15.2	55.46
03.dairy products	48503	75080	59503	9.65	27.8	54.64
04.grain mill products	79724	66548	74455	27.06	17.15	15.30
05.other food products	72528	91147	81982	16.16	13.17	22.46
06.beverages	28519	80295	67040	26.4	14.09	14.22
07.tobacco products	34020	50087	48343	13.12	6.74	19.79
08.spinning+ weaving+finishing of textiles	37305	55032	45687	6.04	10.57	53.83
09.wearing apparel	45346	81391	75740	3.97	13.13	91.27
10.leather & fur products	50697	59009	56332	9.12	8.6	32.16
11.wood and wood products	54365	68950	64987	9.55	4.92	23.23
12.furniture	55717	61707	57700	7.4	22.45	64.03
13.paper and printing +publishing	70542	69722	70117	13.97	10.61	23.32
14.rubber+ plastic+petroleum products etc.	63174	129821	120670	5.11	0.38	12.06
15.pharmaceuticals+chemical and chemical products	53710	-75470	-34055	11.89	212.62	122.64
16.non-metallic products	88114	98195	88621	30.13	47.82	22.95
17.basic metals(Ferrous)	40900	65145	51728	34.86	9.24	8.72
18.basic metals(Non-Ferrous)	71822	68891	69787	10.6	8.86	28.08
19.recycling	77462	35323	35985	-	22.38	0.00
20.febricated metal products+repair(nondomestic)	62232	113668	99429	6.86	8.39	42.22
21.computer+electronics+optical+repair(nondomest)	107232	65031	79417	1.34	25.2	374.62
22.electrical machinery+repair(nondomestic)	65125	92431	80535	9.57	21.48	48.43
23.machinery nec+repair(nondomestic)	44288	59088	49020	28.19	9.51	10.94
24.transport equipment+repair(nondomestic)	137322	72210	77253	48.73	7.99	5.80
25.other manufacturing+repair	70074	117586	100879	21.12	20.76	21.57
26.repair of motor vehicles and motor cycles	53631	78538	66773	20.97	21.23	21.97
27.Sale of motor vehicles	157812	288947	262219	41.46	31.57	13.55
28.Whole sale trade + Auctioning activities	92001	201982	125807	27.26	34.48	21.54
29.Repair of personal and household goods	46065	59730	50962	12.6	9.95	25.03
30.Retail trade (except motor vehicle)	93936	172781	138885	13	9.5	23.71
31.Hotels; Camping sites etc.	105504	120158	115950	19.51	22.43	24.27
32.Restaurant+bars+canteen	38588	115954	79047	20.12	35.84	29.75
33.Scheduled passenger land transport	116466	65452	87976	11.74	26.12	43.53
34.Non-sch passenger transport by motor vehicles	81077	105957	95974	9.57	13.85	38.89
35.Freight transport by motor vehicles	117301	96973	113069	10.84	16.73	37.73
36.Other non-scheduled passenger land transport	51274	62460	58882	0.95	18.72	455.44
37.Freight transport other than by motor vehicles	80670	16200	20719	-	-	-
38.water Transport	-	-	-	-	-	-

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	107813	99005	99405	22.8	16.73	17.94
40.Other financial activities	160475	180830	163317	6.93	18.28	61.70
41.Storage and Ware Housing	158400	79535	84183	-	3.27	0.00
42.Supporting & Auxiliary transport activities	90404	75878	86067	11.24	15.42	34.94
43.Postal Services	36920	-	36920	-	-	-
44.Courier activities	61580	90033	68332	3.77	11.98	91.81
45.Cable operator	100822	85250	97879	24.89	9.77	12.56
46.Other communication	46344	92488	80928	31	19.33	14.18
47.Real Estate	85986	199385	139732	23.5	65.11	34.34
48.Renting of Machinery	53077	57666	55109	9.18	19.14	47.66
49.Computer relating services	54073	553720	191610	20.56	52.48	35.23
50.Legal services	75785	96666	84758	15.69	6.85	16.68
51.Accounting+Book-Keeping	225970	156804	224085	4.14	24.26	118.97
52.Research Dev.	103428	101600	103541	6.07	21.87	77.04
53.Education	88448	73748	80348	26.92	23.79	18.12
54.Coaching centre	64228	78445	71466	14.79	27.39	35.39
55.Medical and Health	98497	129343	113938	7	12.88	51.27
56.Sanitary Services	50100	37274	37720	-	19.11	0.00
57.Membership Organisations	25114	45660	39371	17.71	42.35	36.75
58.Recreation & Entertainment	32647	51850	43211	15.11	19.64	29.33
59.Washing & cleaning of Textiles	51951	74382	70901	12.15	29.47	44.68
60.Hair dressing + beauty treatment	51584	54517	52945	21.15	13.66	17.47
61.Custom Tailoring	39272	52321	43182	13.34	4.67	16.20
62.Funeral related + otherservices	41735	31610	35160	13.52	38.78	46.06
63.Pvt. Household with employed person	-	-	-	-	-	-
All	78977	116578	97224	13.16	8.63	22.32

Table 4.2.33: Compilation Category wise GVAPW and RSE for central, state and pooled sample of urban sector and all enterprises with pooling method Matching Ratio

Sector: URBAN Ent Type: All Pooling method: MR

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01.Cotton ginning+ cleaning and bailing	12593	124239	97134	12.56	70.29	66.75
02.meat+fish+fruits+vegetables+oils	46143	42691	45094	16.96	11.51	20.00
03.dairy products	38269	67184	47118	9.61	21.78	48.56
04.grain mill products	52390	59377	55521	16.55	7.8	16.88
05.other food products	49917	75968	62502	18	10.32	17.85
06.beverages	37841	65877	56296	20.22	23.25	23.85
07.tobacco products	8452	27558	15881	8.9	14.15	42.27
08.spinning+ weaving+finishing of textiles	20167	43985	30231	5.84	10	54.15
09.wearing apparel	40229	66291	63435	12.94	9.68	24.04
10.leather & fur products	46386	48116	47696	7.5	23.14	64.14
11.wood and wood products	30162	73088	51486	13.41	16.6	30.38
12.furniture	53141	71985	61393	7.39	8.21	38.77
13.paper and printing +publishing	57083	64576	60841	13.23	9.48	23.27
14.rubber+ plastic+petroleum products etc.	42503	125005	4939	11.94	4.1	16.96
15.pharmaceuticals+chemical and chemical products	26883	-18068	2531	27.15	515.58	83.63
16.non-metallic products	67807	66534	67563	36.22	28.04	14.62
17.basic metals(Ferrous)	38195	91509	70358	26.4	24.52	18.76
18.basic metals(Non-Ferrous)	48753	74138	62578	20.66	3.06	8.47
19.recycling	41385	35686	35727	30.74	11.5	11.03
20.febricated metal products+repair(nondomestic)	54174	98660	85898	7.72	9.91	40.78
21.computer+electronics+optical+repair(nondomest)	73992	64977	68551	40.32	20.66	11.27
22.electrical machinery+repair(nondomestic)	62205	107213	86409	7.15	13.8	51.96
23.machinery nec+repair(nondomestic)	45631	62869	51426	15.97	8.07	17.79
24.transport equipment+repair(nondomestic)	70133	81603	79424	34.72	10.93	9.52
25.other manufacturing+repair	42584	114874	75800	16.16	16.91	25.45
26.repair of motor vehicles and motor cycles	47454	70528	59340	15.76	18.29	27.14
27.Sale of motor vehicles	120539	235829	4884	22.86	21.01	20.05
28.Whole sale trade + Auctioning activities	116511	231492	50951	30.68	26.22	16.69
29.Repair of personal and household goods	41735	56928	49301	3.66	8.22	78.33
30.Retail trade (except motor vehicle)	55233	133119	94850	7.49	7.74	37.14
31.Hotels; Camping sites etc.	100087	111495	8288	19.78	19.38	22.26
32.Restaurant+bars+canteen	36125	79634	57461	11.73	27.35	44.58
33.Scheduled passenger land transport	85193	65628	74425	28.02	17.02	14.72
34.Non-sch passenger transport by motor vehicles	71638	75187	73528	7.05	7.39	38.56
35.Freight transport by motor vehicles	93867	86655	92709	11.78	14.68	32.53
36.Other non-scheduled passenger land transport	41148	49596	45843	7.36	7.71	37.73
37.Freight transport other than by motor vehicles	37936	42886	39089	4.22	11.68	80.99
38.water Transport	19338	69519	48194	44.99	0.67	1.82

Compilation Category	GVAPW			RSE		
	Central	State	Pooled	Central	State	Pooled
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39.Financial excl insurance and pension	55331	99847	90920	20.91	15.65	18.92
40.Other financial activities	134050	190576	49950	10.5	20.34	42.95
41.Storage and Ware Housing	158400	79746	84361	-	3.42	0.00
42.Supporting & Auxiliary transport activities	82859	107888	93293	11.54	22.16	40.79
43.Postal Services	36920	-	36920	-	-	0.00
44.Courier activities	61116	68825	64738	3.83	11.68	89.23
45.Cable operator	100150	85250	97357	24.57	9.77	12.72
46.Other communication	25851	53075	45387	23.37	17.27	17.78
47.Real Estate	54612	207818	15999	14.19	18.29	30.14
48.Renting of Machinery	49538	71365	60521	8.72	14.76	44.06
49.Computer relating services	54406	464757	85147	20.15	54.96	36.79
50.Legal services	64315	131711	89827	27.7	19.01	15.74
51.Accounting+Book-Keeping	222245	176841	20008	5.58	16.73	73.30
52.Research Dev.	94174	83819	92588	9.6	12.68	37.09
53.Education	56593	72102	64481	22.99	12.9	15.62
54.Coaching centre	63956	76177	70170	14.21	26.52	36.24
55.Medical and Health	86542	122068	4502	6.42	8.89	46.44
56.Sanitary Services	23779	39274	36500	8.72	12.08	39.86
57.Membership Organisations	36834	99120	73152	21.25	36.87	28.57
58.Recreation & Entertainment	32049	47786	40996	10.67	19.97	41.88
59.Washing & cleaning of Textiles	28240	48936	36394	9.73	11.52	34.88
60.Hair dressing + beauty treatment	43049	52775	47831	11.45	5.54	20.56
61.Custom Tailoring	32866	47811	37701	6.87	4.11	29.51
62.Funeral related + otherservices	28045	36586	31649	9.15	16.62	44.55
63.Pvt. Household with employed person	-	-	-	-	-	-
All	56571	101151	77653	10.26	6.58	25.00

ANNEXURE-I
Districtwise sample size of NSS 67th round

Sr. No.	District Name	Sample size
1	Agra	68
2	Aligarh	20
3	Allahabad	20
4	Ambedkar nagar	20
5	Auraiya	20
6	Azamgarh	20
7	Baghpat	20
8	Bahraich	20
9	Ballia	20
10	Balrampur	20
11	Banda	20
12	Bara banki	20
13	Bareilly	20
14	Basti	20
15	Bijnor	20
16	Budaun	20
17	Bulandshahr	20
18	Chaundli	20
19	Chitrakoot	20
20	Deoria	20
21	Etah	20
22	Etawah	20
23	Faizabad	20
24	Farrukhabad	20
25	Fatepur	20
26	Firozabad	20
27	G. B. Nagar	20
28	Ghaziabad	28
29	Ghazipur	20
30	Gonda	20
31	Gorakhpur	20
32	Hamirpur	20
33	Hardoi	20
34	Hathras	20
35	Jalaun	33
36	Jaunpur	24
37	Jhansi	7
38	Kannauj	20
39	Kanpur Dehat	20
40	Kanpur Nagar	80
41	Kashiram Nagar	20
42	Kaushumbi	20
43	Kheri	20
44	Kushinagar	20
45	Lalitpur	20
46	Lucknow	72
47	J P Nagar	20
48	Maharajganj	20
49	Mainpuri	20
50	Mathura	20
51	Mau	20
52	Meerut	64
53	Mirzapur	20
54	Mohoba	20
55	Moradabad	20
56	Muzaffarnagar	20
57	Pilibhit	20
58	Pratapgarh	20
59	Rai bareli	20
60	Rampur	20
61	St. Kabir Nagar	20
62	St. Ravidas Nagar	20
63	Saharanpur	20
64	Shahjahanpur	20
65	Shravasthi	20
66	Sidharthanagar	20
67	Sitapur	20
68	Sonbadra	20
69	Sultanpur	20
70	Unnao	20
71	Varanashi	56
Total		**1672**

ANNEXURE-II
Compilation Categories and their NICs

Compilation categories 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)
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	febricated 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

CC	Compilation Category Description	NIC2008
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
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

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