

RESULT BASED ON POOLING OF CENTRAL AND STATE SAMPLE DATA

**HOUSEHOLD CONSUMER  
EXPENDITURE  
(TYPE 1 & TYPE 2),  
EMPLOYMENT AND  
UNEMPLOYMENT SURVEY**

**NSS 68th Round  
(July 2011 – June 2012)**



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# Foreword

National Statistical Commission constituted a committee under the Chairmanship of Prof. R. Radhakrishna on Pooling of Central and State samples of National Sample Surveys (NSS) to identify the preconditions for pooling of Central and State sample NSS data and to suggest appropriate methodology for pooling the data to bridge the data gaps and in turn strengthen the database for decentralized planning and governance.

The Directorate of Economics and Statistics (DES), Uttarakhand has been participating in various Rounds of the National Sample Surveys (Socio-Economic Surveys) on the basis of 'equal sample size'.

Now DES has prepared the third publication titled **“Household Consumer Expenditure (Type 1 & 2) and Employment & Unemployment: Results based on Pooling of Central and State Sample Data”** of 68th Round of NSS (Socio-Economic Survey) which is one of the milestone under **“13th Finance Commission grant”**.

This report focused on the poolability testing and analysis of pooled data extracted from Sch. 1.0 (**Type 1 & Type 2**) covering Topic **“Household Consumer Expenditure”** and Sch. 10 (**Employment & Unemployment**) of NSS 68th round for certain parameters eg. MPCE (Food & Non-food), number of households, population and sex-ratio.

This report has been prepared by Sh.Gopal Gupta (Additional Statistical Officer) and Sh. Alok Kumar (Additional Statistical Officer) under the technical guidance of Sh.G.S Pandey (Deputy Director).

Necessary improvements in the report have been initiated by Sh. Manoj Kumar Pant (Joint Director).

I would also like to appreciate the field-work done by the staff positioned in various regional units of the DES. The supervision provided by the District Economic and Statistics Officers, Divisional Deputy Directors and the Officials of the NSS unit in the DES is appreciated.

The technical assistance provided by National Sample Office, Government of India is acknowledged with special gratitude.

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

MARCH, 2016



(Y. S. Pangtey)  
Director

## Prologue

“Consumer Expenditure and Employment & Unemployment Survey: Results based on Pooling of Central and State Sample Data” is the third publication of DES, Uttarakhand based on 68<sup>th</sup> Round of NSS (Socio-Economic Survey).

There are 132 rural units (villages) and 92 urban units (blocks) surveyed by the state, and equal numbers of units are covered by the Centre as well. Data entry has been done at districts themselves, whereas validation checks have been administered at the Directorate. Software provided by the Data Processing Division (DPD) of the National Sample Survey Office (NSSO) has been used for pooling of data pertaining to the state and central samples. DES is indeed indebted to the field staffs that have helped gathering data from the respondents. It is because of their hard work and dedication that state data passed its poolability with the central data. Contribution of Economic and Statistics Officers and Divisional Deputy Directors in supervising and inspecting NSS units is equally acknowledged.

I appreciate the sincere work done by team-members – Dr. Manoj Kumar Pant, Joint Director, Shri G. S. Pandey, Deputy Director, Shri B. S. Miyan, Economics and Statistics Officer, Smt. Nalini Dhyani, Addl Statistical Officer, Shri Gopal Gupta, Addl. Statistical Officer and Shri Alok Kumar, Addl. Statistical Officer- in preparing the tables and preliminary Report. It is because of their hard work and dedication that this Report could be prepared in the present form.

I sincerely urge honourable readers to kindly send their comments and suggestions.



**(Sushil Kumar)**

Additional Director

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# Household Consumption Expenditure & Employment and Unemployment Survey:

*Results based on Pooling of Central and State Sample Data*

- 1.0 The Directorate of Economics and Statistics (DES) participated in the 68<sup>th</sup> Round of the National Sample Survey (NSS) on the basis of 'equal sample size' i.e. the number of rural and urban units surveyed by both the bodies of the centre and state were equal. There were 132 villages (rural units) and 92 urban blocks (urban units) surveyed by each of the body. Combined number of units was 448. The Round was focused on 'Household Consumer Expenditure' and 'Employment and Unemployment'. However, household consumer expenditure survey was done canvassing two types of Schedules – Schedule 1.0: Type-1 (Similar to one canvassed in 61<sup>st</sup> Round) , Schedule 1.0: Type-2 (7-day reference period for some items of food, pan, tobacco and intoxicants) and Schedule 10 . Interested reader may refer Annexures for details about these Schedules.
- 2.0 The survey was conducted in four sub-rounds (July – September 2011; October – December 2011; January – March 2012 and April – June 2012). State surveyed 1769 Households (1033 – Rural and 736 – Urban) for Schedule 1.0: Type-1, 1769 Households (1033 – Rural and 736 – Urban) for Schedule 1.0: Type-2 and 1769 Households (1033 – Rural and 736 – Urban) for Schedule 10. Centre surveyed 1783 Households (1048 – Rural and 735 – Urban) for Schedule 1.0: Type-1, 1782 Households (1048 – Rural and 734 – Urban) for Schedule 1.0: Type-2, and 1783 Households (1048 – Rural and 735 – Urban) for Schedule 10.
- Note:** *Please refer Table-1A and 1B detailed below.*
- 3.0 The Professional Committee constituted by the National Statistical Commission (NSC) on pooling of central and state sample data under the chairmanship of Professor R. Radhakrishna, Ex-Chairman of NSC, has given the theoretical framework of pooling of NSS data and its methodology as well. The NSC has accepted the report of the Committee in its meeting on 9.11.2012.

4.0 The DPD, NSSO organised training programme on 03–04 March 2016 at Patel Bhawan, New Delhi in which Shri G S Pandey (Deputy Director) , Shri Gopal Gupta (Addl. Stat. Officer) and Shri Alok Kumar (Addl. Stat. Officer) participated from the state. Preliminary material on pooling was provided in the programme. Methodology of pooling has been demonstrated and states are motivated to undertake the pooling exercise for 68<sup>th</sup> Round .

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

- a) Monthly Per Capita Expenditure (MPCE) of Food, Non-Food, and Combined MPCE derived from detail item for Uniform Reference Period (URP), Mixed Reference Period (MRP) and Modified Mixed Reference Period (MMRP) .
- b) Household Size and Sex.
- c) District Level Computations.
- d) The Persons by principal usual economic activity status (PS)
- e) Persons by principal usual economic activity taking also into consideration of subsidy activity status (PS+SS)
- f) Persons by current weekly economic activity status (CWAS)
- g) Persons –day by current daily economic activity status (CDAS).

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

- a) District wise Wald–Wolfowitz Run Test for MPCE (URP, MRP, MMRP) for central and state sample [Non–Parametric Z–test]

About the Test (Text adopted from DPD Document): Suppose X and Y are independent random samples with Cumulative Distribution Function (CDF) as  $F_s(x)$  and  $F_c(y)$ . Null Hypothesis to be tested is  $H_0$ :

$F_s(x) = F_c(x)$  for all  $x$  against alternative Hypothesis,  $H_1: F_s(x) \leq F_c(x)$  for all  $x$  and  $F_s(x) < F_c(x)$  for some  $x$ . Let  $x_1, x_2, \dots, x_m$  be  $i$ th observation from state sample with distributive function  $F_s$  and  $y_1, y_2, \dots, y_n$  be  $i$ -th observation from central sample with distributive function  $F_c$ . Pool the data and order them with respect to comparable characteristic under consideration say Monthly Per Capita Expenditure (MPCE). In the pooled ordered sequence put "1" for  $X$  and "0" for  $Y$ . Let  $U$  be the total runs observed where run is a sequence of adjacent equal symbols. For example, following sequence: 1111000111001111110000 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:

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

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

- b) District wise Divergence Test (Mean Test) for MPCE (URP, MRP, MMRP) between central and state sample [Parametric Z-test]

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

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



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

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

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

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

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

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

Where;

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

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

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

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

**Note:** Results of these tests are given in Table-2A, 2B, 3A and 3B detailed below.

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

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

About the Method (Text adopted from DPD Document): When the State's participation is equal matching of central samples, the simple average of two estimates may be a way of combining the estimates considering central and state samples as independent samples. The pooled estimate will always lie between the estimates based on central and state sample separately.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Note:** Results from these methods are given in Table-4A to 4B detailed below.

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

- 1) Table-1A: Total Sample Size (First State Unit, Household & Person) – Rural
- 2) Table-1B: Total Sample Size (First State Unit, Household & Person) – Urban
- 3) Table-2A: District-wise Results of Run Test of MPCE for Pooled Sample – Rural (Schedule 1.0: Type-1 and Type-2)
- 4) Table-2B: District-wise Results of Run Test of MPCE for Pooled Sample – Urban (Schedule 1.0: Type-1 and Type-2)
- 5) Table-3A: District-wise Results of Mean Test of MPCE for Pooled Sample – Rural (Schedule 1.0: Type-1 and Type-2)
- 6) Table-3B: District-wise Results of Mean Test of MPCE for Pooled Sample – Urban (Schedule 1.0: Type-1 and Type-2)
- 7) Table-4A: District-wise Estimated Number of Households (Pooling Method: Matching Ratio) and Their RSEs – Rural (Schedule 1.0: Type-1)
- 8) Table-4B: District-wise Estimated Number of Households (Pooling Method: Matching Ratio) and Their RSEs – Urban (Schedule 1.0: Type-1)

- 9) Table–5A: District–wise Estimated Number of Persons Sex Ratio (Pooling Method: Matching Ratio) and Their RSEs – Rural (Schedule 1.0: Type–1)
- 10) Table–5B: District–wise Estimated Number of Persons Sex Ratio (Pooling Method: Matching Ratio) and Their RSEs – Urban (Schedule 1.0: Type–1)
- 11) Table–6A: District– wise Estimate of MPCE (URP) – Rural (Schedule 1.0: Type–1)
- 12) Table–6B: District– wise Estimate of MPCE (URP) – Urban (Schedule 1.0: Type–1)
- 13) Table–7A: District– wise Estimate of MPCE (MRP) – Rural (Schedule 1.0: Type–1)
- 14) Table–7B: District– wise Estimate of MPCE (MRP) – Urban (Schedule 1.0: Type–1)
- 15) Table–8A: District– wise Estimate of RSE of Total MPCE (URP & MRP) – Rural (Schedule 1.0: Type–1)
- 16) Table–8B: District– wise Estimate of RSE of Total MPCE (URP & MRP) – Urban (Schedule 1.0: Type–1)
- 17) Table–9A: District– wise Estimated Number of Households (Pooling Method: Matching Ratio) and Their RSEs – Rural (Schedule 1.0: Type–2)
- 18) Table–9B: District– wise Estimated Number of Households (Pooling Method: Matching Ratio) and Their RSEs – Urban (Schedule 1.0: Type–2)
- 19) Table–10A: District– wise Estimated Number of Persons Sex Ratio (Pooling Method: Matching Ratio) and Their RSEs – Rural (Schedule 1.0: Type–2)
- 20) Table–10B: District– wise Estimated Number of Persons Sex Ratio (Pooling Method: Matching Ratio) and Their RSEs – Urban (Schedule 1.0: Type–2)
- 21) Table–11A: District– wise Estimate of MPCE (MMRP) – Rural (Schedule 1.0: Type–2)
- 22) Table–11B: District– wise Estimate of MPCE (MMRP) – Urban (Schedule 1.0: Type–2)
- 23) Table–12: District– wise Estimate of RSE of Total MPCE (MMRP) – Rural & Urban (Schedule 1.0: Type–1 Type–2)
- 24) Table-13A: District– wise estimated no. of persons (Pooling Method: Matching Ratio) – Rural (Schedule 10)

- 25) Table-13B: District– wise estimated no. of persons (Pooling Method: Matching Ratio) – Urban (Schedule 10)
- 26) Table-14A: District– wise WPR per 1000(PS+SS) (Pooling Method: Matching Ratio) – Rural (Schedule 10)
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9.0 There are certain cautions reported by the DPD as follows:

- a) Non-additivity of the component estimates with the estimate of marginal total is possible e.g. pooled estimate of MPCE of 'Food' and 'Non-Food' may not add up to Combined MPCE. This problem can be obviated generating pooled estimates of components first and then deriving estimate of combined as sum.
- b) The expected agency bias in the two sets of data generated by different agencies cannot be denied. As such they cannot be merged for generating pooled estimate without testing that the samples are realized from identical distribution function.

10.0 The poolability tests applied reflect that in most of the cases state sample and central sample are realized from the identical distribution function.

However,  $H_0$  are not accepted in following cases of Run Test:

- a) Rural samples from Uttarkashi (URP), Baleshwar, U.S. Nagar and Haridwar (MRP).
- b) Urban samples from U. S. Nagar (URP).

And,  $H_0$  are not accepted in following cases of Mean Test:

- c) Rural samples from Uttarkashi (URP) & Bageshwar (URP, MRP).
- d) Urban samples from Pauri Garhwal & Tehri Garhwal (URP),  
Pauri Garhwal, Tehri Garhwal, Pithoragarh, Bageshwar and Dehradun  
Hills (MRP), Rudraprayag (MMRP).

# TABLES



**Table-1A: Total Sample Size (First Stage Unit, Household & Person) -Rural**

Schedule-	Central sample			State sample		
	FSU surveyed	Household surveyed	Persons Surveyed	FSU surveyed	Household surveyed	Persons Surveyed
<b>1.0 Type-I</b>	132	1048	4888	132	1033	4854
<b>1.0 Type-II</b>	132	1048	4871	132	1033	4783
<b>10</b>	132	1048	4830	132	1033	4760

**Table-1B: Total Sample Size (First Stage Unit , Household & Person) -Urban**

Schedule-	Central sample			State sample		
	FSU surveyed	Household surveyed	Persons Surveyed	FSU surveyed	Household surveyed	Persons Surveyed
<b>1.0 Type-I</b>	92	735	3035	92	736	3145
<b>1.0 Type-II</b>	92	734	3133	92	736	3034
<b>10</b>	92	735	3054	92	736	3074

**Table–2A: District–wise Results of Run Test of MPCE for Pooled Sample – Rural (Schedule 1.0: Type–1 and Type–2)**

District Code	District Name	Uniform Reference Period (URP)		Mixed Reference Period (MRP)		Modified Mixed Reference Period (MMRP)	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	-2.48468	N	-1.77477	Y	-0.53243	Y
2	Chamoli	-0.78730	Y	-0.97050	Y	1.22789	Y
3	Rudraprayag	-0.13506	Y	-0.87175	Y	-1.97678	Y
4	Tehri Garhwal	0.28943	Y	-0.57887	Y	0.14472	Y
5	Dehradun	-1.20951	Y	-1.51188	Y	-1.81426	Y
6	Pauri Garhwal	-0.14472	Y	-0.43415	Y	-1.59189	Y
7	Pithoragarh	-1.41981	Y	-0.70991	Y	0.53243	Y
8	Bageshwar	0.17748	Y	-2.66215	N	-0.53243	Y
9	Almora	0.28943	Y	-0.14472	Y	0.00000	Y
10	Champawat	-1.76406	Y	-1.00803	Y	-0.75602	Y
11	Nainital	1.77477	Y	0.70991	Y	-0.70991	Y
12	Udham Singh Nagar	-0.86830	Y	-2.60490	N	-0.72358	Y
13	Haridwar	-2.17075	Y	-3.47321	N	0.57887	Y
14	Nainital Hills	-0.25201	Y	0.75602	Y	0.00000	Y
15	Dehradun Hills	-0.50402	Y	-0.50402	Y	-1.00803	Y

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

**Table–2B: District–wise Results of Run Test of MPCE for Pooled Sample – Urban (Schedule 1.0: Type–1 and Type–2)**

District Code	District Name	Uniform Reference Period (URP)		Mixed Reference Period (MRP)		Modified Mixed Reference Period (MMRP)	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	1.26004	Y	0.50402	Y	2.52008	Y
2	Chamoli	-1.76406	Y	0.00000	Y	-2.01606	Y
3	Rudraprayag	1.00803	Y	-1.26004	Y	-1.00803	Y
4	Tehri Garhwal	0.50402	Y	-0.50402	Y	0.63726	Y
5	Dehradun	0.65334	Y	0.21803	Y	-0.50747	Y
6	Pauri Garhwal	-0.70991	Y	-0.35495	Y	-0.17748	Y
7	Pithoragarh	0.75602	Y	-0.75602	Y	-0.25201	Y
8	Bageshwar	-0.75602	Y	-0.75602	Y	1.00803	Y
9	Almora	-0.25201	Y	0.25201	Y	1.00803	Y
10	Champawat	-2.01606	Y	0.25201	Y	0.00000	Y
11	Nainital	-1.59729	Y	0.53243	Y	-2.12972	Y
12	Udham Singh Nagar	-3.03905	N	-2.02604	Y	-0.43415	Y
13	Haridwar	0.86830	Y	1.44717	Y	1.30245	Y
14	Nainital Hills	0.00000	Y	1.00803	Y	0.50402	Y
15	Dehradun Hills	-1.51205	Y	-1.51205	Y	0.50402	Y

Note:  $Z_{0.01} = -2.33$  [One sided test]; Reject if Z-value <  $Z_{0.01}$

**Table–3A: District–wise Results of Mean Test of MPCE for Pooled Sample – Rural  
(Schedule 1.0: Type–1 and Type–2)**

District Code	District Name	Uniform Reference Period (URP)		Mixed Reference Period (MRP)		Modified Mixed Reference Period (MMRP)	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	2.85206	N	0.59443	Y	0.93723	Y
2	Chamoli	2.32684	Y	1.56327	Y	2.05409	Y
3	Rudraprayag	1.48389	Y	1.22175	Y	0.22719	Y
4	Tehri Garhwal	0.81230	Y	0.69421	Y	1.14076	Y
5	Dehradun	0.96211	Y	0.47610	Y	0.55378	Y
6	Pauri Garhwal	0.50838	Y	1.07631	Y	0.50962	Y
7	Pithoragarh	0.70625	Y	0.72932	Y	1.37725	Y
8	Bageshwar	4.09087	N	4.64358	N	2.34455	Y
9	Almora	0.38698	Y	0.25560	Y	0.77003	Y
10	Champawat	1.11723	Y	2.18265	Y	1.62960	Y
11	Nainital	0.07333	Y	0.31638	Y	0.09109	Y
12	Udham Singh Nagar	0.72153	Y	1.10771	Y	1.53914	Y
13	Haridwar	1.38125	Y	1.94639	Y	0.95658	Y
14	Nainital Hills	0.16602	Y	0.71547	Y	0.35314	Y
15	Dehradun Hills	0.45317	Y	0.45012	Y	0.61037	Y
<b>State</b>	<b>Uttarakhand</b>	<b>1.31139</b>	<b>Y</b>	<b>2.23549</b>	<b>Y</b>	<b>0.21546</b>	<b>Y</b>

Note:  $Z_{0.005} = 2.575$  [One sided test]; Reject if absolute Z-value >  $Z_{0.005}$

**Table–3B: District–wise Results of Mean Test of MPCE for Pooled Sample – Urban  
(Schedule 1.0: Type–1 and Type–2)**

District Code	District Name	Uniform Reference Period (URP)		Mixed Reference Period (MRP)		Modified Mixed Reference Period (MMRP)	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Uttarkashi	0.90231	Y	0.46694	Y	0.59607	Y
2	Chamoli	1.28932	Y	0.95007	Y	1.43282	Y
3	Rudraprayag	0.29327	Y	1.66482	Y	3.13360	N
4	Tehri Garhwal	2.61146	N	4.56668	N	1.67057	Y
5	Dehradun	1.22483	Y	0.73775	Y	2.29955	Y
6	Pauri Garhwal	2.95226	N	3.31174	N	1.78288	Y
7	Pithoragarh	1.83803	Y	4.10715	N	7.89463	N
8	Bageshwar	1.33115	Y	2.63069	N	1.57699	Y
9	Almora	1.08020	Y	1.00401	Y	1.07730	Y
10	Champawat	0.71011	Y	0.49507	Y	0.54877	Y
11	Nainital	2.41677	Y	1.05243	Y	0.49946	Y
12	Udham Singh Nagar	0.83395	Y	0.61513	Y	1.03617	Y
13	Haridwar	0.09703	Y	0.09358	Y	0.74451	Y
14	Nainital Hills	0.09226	Y	0.45410	Y	0.09364	Y
15	Dehradun Hills	2.28045	Y	7.93716	N	0.18759	Y
<b>State</b>	<b>Uttarakhand</b>	<b>0.56425</b>	<b>Y</b>	<b>0.36433</b>	<b>Y</b>	<b>1.76563</b>	<b>Y</b>

Note:  $Z_{0.005} = 2.575$  [One sided test]; Reject if absolute Z-value >  $Z_{0.005}$

**Table–4A: District–wise Estimated Number of Households (Pooling Method: Matching Ratio) and Their RSEs – Rural (Schedule 1.0: Type–1)**

District Code	Estimated No. Of Households (In Hundred)			RSE of Estimated Households			Sample Households		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	708	814	761	7.92	2.37	3.90	64	64	128
2	816	726	771	9.93	7.70	6.38	64	57	121
3	513	355	434	2.56	29.89	12.32	64	56	120
4	1299	1356	1327	6.55	6.31	4.55	96	96	192
5	1896	924	1410	34.54	19.32	24.07	88	88	176
6	1447	1357	1402	11.47	6.56	6.72	96	96	192
7	1113	933	1023	5.37	4.31	3.52	64	64	128
8	614	534	574	6.80	2.62	3.84	64	64	128
9	1399	1280	1340	12.57	9.22	7.90	96	96	192
10	402	442	422	2.52	11.08	5.93	32	32	64
11	590	793	691	9.35	19.15	11.69	64	64	128
12	1793	1998	1895	4.83	11.86	6.66	96	96	192
13	2484	2181	2333	6.08	9.42	5.46	96	96	192
14	402	379	391	1.07	2.31	1.25	32	32	64
15	208	143	176	2.42	21.80	8.97	32	32	64
<b>State</b>	<b>15685</b>	<b>14215</b>	<b>14950</b>	<b>4.70</b>	<b>3.17</b>	<b>2.89</b>	<b>1048</b>	<b>1033</b>	<b>2081</b>

District Codes:

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

**Table–4B: District–wise Estimated Number of Households (Pooling Method: Matching Ratio) and Their RSEs – Urban (Schedule 1.0: Type–1)**

District Code	Estimated No. of Households (In Hundred)			RSE of Estimated Households			Sample Households		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	62	53	58	17.85	35.74	18.91	32	32	64
2	137	139	138	23.82	25.75	17.55	32	32	64
3	22	22	22	24.44	6.27	12.62	32	32	64
4	134	122	128	7.58	19.89	10.28	32	32	64
5	1803	1355	1579	17.97	11.15	11.32	95	96	191
6	217	251	234	16.3	23.58	14.73	64	64	128
7	196	160	178	24.06	2.29	13.29	32	32	64
8	19	22	21	33.45	37.3	24.71	32	32	64
9	150	80	115	9.46	2.34	6.22	32	32	64
10	115	53	84	37.48	12.1	25.94	32	32	64
11	520	353	436	14.97	12.55	10.27	64	64	128
12	1176	1564	1370	20.67	35.45	22.09	96	96	192
13	975	932	954	20.7	9.1	11.47	96	96	192
14	117	89	103	3.54	37.66	16.39	32	32	64
15	5	5	5	5.42	5.17	3.75	32	32	64
<b>State</b>	<b>5648</b>	<b>5199</b>	<b>5423</b>	<b>8.26</b>	<b>11.32</b>	<b>6.92</b>	<b>735</b>	<b>736</b>	<b>1471</b>

District Codes:

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

**Table–5A: District–wise Estimated Number of Persons Sex Ratio (Pooling Method : Matching Ratio) and Their RSEs – Rural (Schedule 1.0: Type–1)**

District Code	Estimated No. of Persons(In Hundred)			RSE of Estimated Persons			Sex Ratio			RSE of Sex Ratio		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	2921	3676	3298	15.48	6.97	7.88	901	1092	1003	10.10	12.18	8.03
2	3469	3638	3554	15.96	8.73	8.98	970	928	948	11.47	15.02	9.41
3	1939	1469	1704	4.19	31.59	13.82	1335	1384	1356	2.52	10.58	5.54
4	5954	5539	5747	4.97	6.55	4.07	1061	969	1016	18.56	6.22	10.13
5	8740	4189	6464	33.78	12.71	23.21	1098	1074	1090	2.91	9.87	5.08
6	6173	4898	5535	18.15	13.11	11.67	1166	1215	1187	4.85	8.17	4.81
7	4340	3816	4078	8.80	14.94	8.41	1074	1069	1071	8.60	25.08	13.24
8	2414	2162	2288	2.32	13.22	6.36	1096	1467	1256	24.51	13.74	13.37
9	5201	4740	4970	4.42	4.96	3.31	960	1122	1032	9.90	12.04	8.00
10	1933	2182	2058	0.27	8.68	4.60	1317	973	1124	14.31	24.06	13.37
11	2715	3764	3240	6.11	9.79	6.24	1073	1016	1039	13.53	3.22	7.16
12	8605	10041	9323	9.02	10.77	7.14	912	852	879	11.25	4.60	6.25
13	13439	15456	14448	11.25	16.49	10.26	964	996	981	13.91	6.56	7.60
14	2616	1760	2188	17.58	4.11	10.64	995	847	934	19.68	7.31	10.99
15	1055	1025	1040	3.62	15.21	7.72	845	722	782	9.01	6.58	5.74
<b>State</b>	<b>71516</b>	<b>68354</b>	<b>69935</b>	<b>5.21</b>	<b>4.52</b>	<b>3.46</b>	<b>1026</b>	<b>1013</b>	<b>1020</b>	<b>3.77</b>	<b>2.97</b>	<b>2.40</b>

District Codes:

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



**Table–5B:District–wise Estimated Number of Persons Sex Ratio (Pooling Method : Matching Ratio) and Their RSEs – Urban (Schedule 1.0: Type–1)**

District Code	Estimated No. of Persons(In Hundred)			RSE of Estimated Persons			Sex Ratio			RSE of Sex Ratio		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	185	200	192	1.59	46.57	24.27	1080	1365	1219	17.36	23.20	15.10
2	496	528	512	25.42	24.60	17.68	928	630	762	17.81	28.19	15.92
3	67	83	75	2.74	5.51	3.29	767	664	709	31.96	3.57	17.37
4	449	340	395	18.67	5.61	10.88	830	1059	922	16.45	21.36	14.33
5	7733	5677	6705	24.33	7.29	14.37	833	901	861	12.72	3.77	6.46
6	781	1179	980	11.50	28.18	17.56	1123	1033	1068	8.89	12.77	7.75
7	613	584	599	13.75	6.99	7.82	1112	835	967	15.90	15.62	11.36
8	72	77	75	27.27	24.04	17.99	980	1103	1041	8.82	5.91	5.20
9	525	274	399	13.47	1.08	8.87	911	1236	1011	12.60	8.06	7.52
10	493	264	378	46.88	21.79	31.50	704	844	751	8.02	6.15	5.11
11	2561	1686	2123	26.26	1.83	15.86	1064	830	965	16.66	9.86	10.12
12	5331	6635	5983	16.71	32.84	19.67	981	1151	1072	14.57	8.08	7.95
13	4420	4113	4267	21.59	12.11	12.61	834	974	898	11.05	11.25	7.97
14	419	385	402	14.58	42.03	21.51	986	1004	994	22.62	5.26	11.53
15	15	19	17	9.02	26.23	15.19	570	713	648	1.87	5.27	3.01
<b>State</b>	<b>24161</b>	<b>22044</b>	<b>23103</b>	<b>9.97</b>	<b>10.48</b>	<b>7.22</b>	<b>907</b>	<b>985</b>	<b>944</b>	<b>6.23</b>	<b>4.55</b>	<b>3.82</b>

District Codes:

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

**Table-6A: District-wise Estimate of MPCE (URP) – Rural (Schedule 1.0: Type-1)**

District Code	Central Sample			State Sample			Pooled By Matching Ratio			Pooled By inverse Variance		
	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total
1	785.74	881.36	1667.10	620.53	463.20	1083.73	693.68	648.35	1342.04	701.74	490.80	1242.29
2	620.81	555.38	1176.19	809.53	972.81	1782.34	717.40	769.04	1486.44	632.85	596.12	1229.37
3	698.60	778.06	1476.66	679.80	530.04	1209.85	690.50	671.15	1361.65	692.96	531.45	1234.09
4	663.34	552.97	1216.31	752.72	555.08	1307.80	706.42	553.99	1260.41	685.43	554.64	1275.21
5	694.44	840.50	1534.94	808.83	969.05	1777.88	731.51	882.15	1613.66	706.02	874.01	1599.80
6	679.85	671.82	1351.67	643.73	572.73	1216.46	663.87	627.98	1291.85	675.85	671.04	1346.97
7	708.75	519.88	1228.63	665.17	778.71	1443.87	688.36	640.98	1329.34	705.38	532.30	1232.44
8	843.44	672.79	1516.24	625.62	519.07	1144.69	740.54	600.18	1340.72	734.14	537.57	1210.92
9	744.38	621.66	1366.04	622.97	967.60	1590.57	686.50	786.60	1473.10	728.80	623.26	1368.35
10	865.74	1075.21	1940.95	672.97	538.63	1211.60	763.52	790.68	1554.19	691.33	564.38	1256.17
11	757.50	1101.82	1859.32	775.77	1056.78	1832.56	768.11	1075.66	1843.78	761.97	1072.40	1843.38
12	801.56	1161.23	1962.79	826.27	848.59	1674.86	814.87	992.87	1807.74	823.89	859.76	1685.83
13	773.09	970.78	1743.87	565.35	528.91	1094.27	661.97	734.42	1396.39	697.48	532.06	1115.23
14	702.25	643.70	1345.95	713.47	708.58	1422.04	706.76	669.79	1376.55	703.60	665.66	1355.32
15	697.04	778.80	1475.84	704.21	596.56	1300.77	700.57	689.01	1389.58	698.63	603.28	1302.33
<b>State</b>	<b>735.41</b>	<b>818.34</b>	<b>1553.76</b>	<b>690.22</b>	<b>707.29</b>	<b>1397.50</b>	<b>713.32</b>	<b>764.07</b>	<b>1477.39</b>	<b>721.37</b>	<b>732.60</b>	<b>1442.19</b>

**District Codes:**

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

**Table-6B: District-wise Estimate of MPCE (URP) – Urban (Schedule 1.0: Type-1)**

District Code	Central Sample			State Sample			Pooled By Matching Ratio			Pooled By inverse Variance		
	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total
1	929.43	1640.95	2570.38	994.76	1107.84	2102.60	963.34	1364.28	2327.62	929.83	1160.49	2183.60
2	913.38	1188.71	2102.09	1172.68	1977.80	3150.48	1047.17	1595.87	2643.04	1035.14	1188.71	2153.43
3	1200.57	1574.81	2775.37	1023.12	1551.57	2574.69	1102.63	1561.97	2664.60	1024.70	1565.38	2653.93
4	1179.66	1703.82	2883.48	980.62	1387.96	2368.58	1093.85	1567.66	2661.51	1173.49	1422.18	2687.37
5	911.00	1253.09	2164.09	1057.98	1703.08	2761.06	973.22	1443.59	2416.81	1022.01	1519.91	2544.99
6	945.17	1652.07	2597.25	791.89	1126.71	1918.60	852.98	1336.10	2189.08	938.98	1650.66	2593.70
7	1170.04	2459.20	3629.24	749.70	863.36	1613.05	964.85	1680.18	2645.03	777.98	867.07	1624.35
8	1060.55	1817.27	2877.83	1221.32	1009.17	2230.48	1143.55	1400.06	2543.61	1063.09	1018.78	2288.02
9	1160.03	1325.63	2485.66	1020.63	1045.43	2066.06	1112.28	1229.66	2341.94	1044.47	1049.82	2076.60
10	898.50	890.22	1788.72	766.86	789.57	1556.43	852.58	855.10	1707.68	767.06	801.84	1565.93
11	1055.45	1277.45	2332.90	873.15	888.37	1761.52	983.08	1122.98	2106.06	1053.20	1229.64	2297.57
12	977.92	1875.48	2853.40	998.66	864.73	1863.38	989.42	1315.02	2304.44	985.17	892.53	1927.71
13	1036.46	1794.93	2831.39	1031.94	1865.01	2896.95	1034.28	1828.71	2862.99	1035.80	1806.98	2841.39
14	1141.05	1858.44	2999.49	934.79	2159.03	3093.83	1042.29	2002.37	3044.66	953.60	2017.51	3056.93
15	985.77	1307.47	2293.24	765.51	1072.08	1837.59	861.93	1175.09	2037.02	765.84	1289.83	2281.31
<b>State</b>	<b>987.34</b>	<b>1552.95</b>	<b>2540.29</b>	<b>993.80</b>	<b>1347.22</b>	<b>2341.03</b>	<b>990.42</b>	<b>1454.80</b>	<b>2445.22</b>	<b>990.14</b>	<b>1393.79</b>	<b>2394.03</b>

**District Codes:**

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

**Table-7A: District-wise Estimate of MPCE (MRP) – Rural (Schedule 1.0: Type-1)**

District Code	Central Sample			State Sample			Pooled By Matching Ratio			Pooled By inverse Variance		
	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total
1	785.74	725.69	1511.43	620.53	743.92	1364.47	693.68	735.85	1429.54	701.74	731.24	1460.28
2	620.81	657.08	1277.89	809.53	758.75	1568.30	717.40	709.12	1426.53	632.85	666.38	1301.67
3	698.60	762.06	1460.66	679.80	599.25	1279.05	690.50	691.88	1382.37	692.96	675.77	1371.01
4	663.34	640.58	1303.94	752.72	656.55	1409.27	706.42	648.28	1354.70	685.43	654.20	1374.00
5	694.44	965.16	1659.58	808.83	972.28	1781.10	731.51	967.47	1698.95	706.02	969.08	1714.61
6	679.85	806.27	1486.12	643.73	542.19	1185.90	663.87	689.43	1353.30	675.85	764.03	1471.72
7	708.75	627.60	1336.33	665.17	538.54	1203.71	688.36	585.93	1274.28	705.38	611.21	1329.97
8	843.44	767.29	1610.75	625.62	393.67	1019.28	740.54	590.79	1331.35	734.14	397.90	1082.95
9	744.38	662.77	1407.17	622.97	722.68	1345.65	686.50	691.34	1377.84	728.80	668.18	1403.60
10	865.74	926.98	1792.70	672.97	722.30	1395.26	763.52	818.44	1581.95	691.33	825.20	1567.85
11	757.50	1073.31	1830.81	775.77	1181.97	1957.74	768.11	1136.43	1904.54	761.97	1103.26	1865.71
12	801.56	1024.81	1826.36	826.27	650.48	1476.81	814.87	823.23	1638.13	823.89	657.76	1483.98
13	773.09	851.47	1624.54	565.35	539.00	1104.35	661.97	684.33	1346.29	697.48	541.02	1141.07
14	702.25	548.13	1250.33	713.47	847.62	1561.07	706.76	668.57	1375.29	703.60	567.58	1251.70
15	697.04	785.34	1482.42	704.21	628.20	1332.38	700.57	707.92	1408.50	698.63	630.26	1355.26
<b>State</b>	<b>735.41</b>	<b>816.01</b>	<b>1551.42</b>	<b>690.22</b>	<b>674.35</b>	<b>1364.57</b>	<b>713.32</b>	<b>746.78</b>	<b>1460.10</b>	<b>721.37</b>	<b>710.06</b>	<b>1431.28</b>

**District Codes:**

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

**Table–7B: District wise Estimate of MPCE (MRP) – Urban (Schedule 1.0: Type–1)**

District Code	Central Sample			State Sample			Pooled By Matching Ratio			Pooled By inverse Variance		
	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total
1	929.43	1558.17	2487.60	994.76	1363.53	2358.29	963.34	1457.16	2420.49	929.83	1425.95	2421.65
2	913.38	1136.01	2049.42	1172.68	1634.34	2807.01	1047.17	1393.14	2440.32	1035.14	1194.39	2210.84
3	1200.57	1594.90	2795.51	1023.12	1113.36	2136.44	1102.63	1329.11	2431.73	1024.70	1177.12	2173.26
4	1179.66	1855.93	3035.60	980.62	1274.28	2254.81	1093.85	1605.19	2699.01	1173.49	1828.33	3035.05
5	911.00	1492.99	2403.97	1057.98	1788.31	2846.29	973.22	1618.01	2591.22	1022.01	1669.31	2682.19
6	945.17	1627.64	2572.83	791.89	1068.90	1860.79	852.98	1291.59	2144.57	938.98	1598.63	2543.02
7	1170.04	1878.12	3048.16	749.70	823.61	1573.27	964.85	1363.36	2328.19	777.98	879.97	1659.84
8	1060.55	1858.69	2919.27	1221.32	867.58	2088.92	1143.55	1346.98	2490.56	1063.09	918.58	2554.13
9	1160.03	1438.91	2598.96	1020.63	1062.97	2083.56	1112.28	1310.14	2422.42	1044.47	1254.43	2163.28
10	898.50	1209.46	2108.02	766.86	1138.62	1905.50	852.58	1184.74	2037.36	767.06	1170.41	1948.92
11	1055.45	1216.83	2272.30	873.15	1027.54	1900.68	983.08	1141.68	2124.77	1053.20	1151.48	2212.95
12	977.92	1166.17	2144.10	998.66	833.06	1831.69	989.42	981.46	1970.87	985.17	966.86	1983.37
13	1036.46	1800.67	2837.11	1031.94	1873.29	2905.22	1034.28	1835.67	2869.94	1035.80	1810.08	2845.95
14	1141.05	1977.35	3118.43	934.79	1840.07	2774.83	1042.29	1911.62	2953.91	953.60	1912.84	2915.22
15	985.77	1348.10	2333.89	765.51	951.64	1717.17	861.93	1125.17	1987.12	765.84	1317.93	2147.55
<b>State</b>	<b>987.34</b>	<b>1464.68</b>	<b>2452.02</b>	<b>993.80</b>	<b>1356.60</b>	<b>2350.38</b>	<b>990.42</b>	<b>1413.11</b>	<b>2403.53</b>	<b>990.14</b>	<b>1416.02</b>	<b>2404.74</b>

**District Codes:**

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

**Table–8A:District–wise Estimate of RSE of Total MPCE (URP & MRP) – Rural  
(Schedule1.0:Type–1)**

District Code	URP				MRP			
	Central	State	Pooled by Matching Ratio	Pooled By inverse Variance	Central	State	Pooled by Matching Ratio	Pooled By inverse Variance
1	10.47	9.84	7.62	7.33	9.65	14.63	8.65	8.06
2	6.56	13.96	8.76	5.99	4.16	11.35	6.51	3.91
3	11.61	4.48	6.60	4.19	7.15	8.27	5.38	5.42
4	7.43	5.14	4.47	4.23	9.49	6.23	5.60	5.21
5	8.50	12.16	7.82	6.98	10.35	10.60	7.51	7.41
6	3.67	21.48	10.29	3.62	4.11	22.95	10.31	4.05
7	3.30	20.92	11.46	3.26	2.98	14.74	7.14	2.92
8	5.43	3.35	3.39	2.87	7.47	4.10	4.78	3.65
9	4.31	36.29	19.69	4.28	4.12	17.36	8.73	4.01
10	32.59	13.32	21.00	12.45	7.64	8.60	5.76	5.76
11	15.15	12.66	9.90	9.71	11.49	17.45	10.53	9.60
12	19.94	4.65	11.04	4.53	17.10	3.06	9.63	3.01
13	26.53	7.72	16.84	7.45	15.86	6.43	9.93	6.00
14	11.95	30.18	16.65	11.11	2.31	27.76	15.79	2.30
15	26.06	2.80	13.90	2.78	20.70	9.77	11.83	8.84
<b>State</b>	<b>6.48</b>	<b>4.56</b>	<b>4.03</b>	<b>3.73</b>	<b>4.32</b>	<b>3.66</b>	<b>2.86</b>	<b>2.80</b>

District Codes:

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

**Table–8B: District–wise Estimate of RSE of Total MPCE (URP & MRP) – Urban  
(Schedule 1.0: Type–1)**

District Code	URP				MRP			
	Central	State	Pooled by Matching Ratio	Pooled By inverse Variance	Central	State	Pooled by Matching Ratio	Pooled By inverse Variance
1	18.34	10.26	11.14	8.98	7.95	8.22	5.72	5.72
2	8.56	25.17	15.38	8.15	17.96	25.20	16.34	14.77
3	19.18	16.70	12.84	12.60	13.76	4.38	8.14	4.18
4	4.22	6.55	3.70	3.56	0.15	7.58	3.17	0.15
5	17.99	10.62	10.08	9.20	19.78	12.83	11.57	10.80
6	0.64	11.95	5.25	0.64	1.71	11.31	5.01	1.69
7	30.14	5.09	20.74	5.04	11.43	5.53	7.71	5.09
8	16.13	6.50	9.56	6.05	7.17	11.31	6.34	6.13
9	15.43	2.98	8.29	2.93	18.16	9.69	10.60	8.58
10	17.91	4.25	9.58	4.14	17.20	9.94	10.04	8.61
11	2.52	13.00	5.61	2.48	6.21	17.03	8.31	5.85
12	40.23	16.24	25.76	15.18	16.99	19.32	12.88	12.80
13	9.32	21.47	11.80	8.55	9.24	23.37	12.68	8.59
14	26.60	20.67	16.79	16.32	18.66	17.43	12.81	12.76
15	1.41	10.73	4.90	1.40	1.83	3.78	1.96	1.66
<b>State</b>	<b>11.91</b>	<b>7.78</b>	<b>7.22</b>	<b>6.52</b>	<b>7.76</b>	<b>8.68</b>	<b>5.80</b>	<b>5.79</b>

District Codes:

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

**Table–9A:District–wise Estimated Number of Households (Pooling Method: MatchingRatio)and Their RSEs – Rural (Schedule 1.0:Type–2)**

District Code	Estimated No. of Households (In Hundred)			RSE of Estimated No. of Households			Sample households		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	708	814	761	7.92	2.37	3.90	64	64	128
2	816	726	771	9.93	7.70	6.38	64	57	121
3	513	355	434	2.56	29.89	12.32	64	56	120
4	1299	1356	1327	6.55	6.31	4.55	96	96	192
5	1896	972	1438	34.54	19.30	23.69	88	88	176
6	1447	1357	1402	11.47	6.56	6.72	96	96	192
7	1113	933	1023	5.37	4.31	3.52	64	64	128
8	614	534	574	6.80	2.62	3.84	64	64	128
9	1399	1280	1340	12.57	9.22	7.90	96	96	192
10	402	442	422	2.52	11.08	5.93	32	32	64
11	590	843	719	9.35	17.13	10.75	64	64	128
12	1793	1998	1895	4.83	11.86	6.66	96	96	192
13	2484	2181	2333	6.08	9.42	5.46	96	96	192
14	402	379	391	1.07	2.31	1.25	32	32	64
15	208	143	176	2.42	21.80	8.97	32	32	64
<b>All</b>	<b>15685</b>	<b>14314</b>	<b>15006</b>	<b>4.70</b>	<b>3.15</b>	<b>2.88</b>	<b>1048</b>	<b>1033</b>	<b>2081</b>

District Codes:

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



**Table–9B: District–wise Estimated Number of Households (Pooling Method: Matching Ratio) and Their RSEs – Urban (Schedule 1.0: Type–2)**

District Code	Estimated No. of Households (In Hundred)			RSE of Estimated No. of Households			Sample households		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	62	53	58	17.85	35.74	18.91	32	32	64
2	137	139	138	23.82	25.75	17.55	32	32	64
3	22	22	22	24.44	6.27	12.62	32	32	64
4	134	122	128	7.58	19.89	10.28	31	32	63
5	1803	1355	1579	17.97	11.15	11.32	95	96	191
6	217	251	234	16.30	23.58	14.73	64	64	128
7	196	160	178	24.06	2.29	13.29	32	32	64
8	19	22	21	33.45	37.30	24.71	32	32	64
9	150	80	115	9.46	2.34	6.22	32	32	64
10	115	53	84	37.48	12.10	25.94	32	32	64
11	520	353	436	14.97	12.55	10.27	64	64	128
12	1176	1564	1370	20.67	35.45	22.09	96	96	192
13	975	941	960	20.70	9.77	11.47	96	96	192
14	117	89	103	3.54	37.66	16.39	32	32	64
15	5	5	5	5.42	5.17	3.75	32	32	64
<b>State</b>	<b>5648</b>	<b>5208</b>	<b>5430</b>	<b>8.26</b>	<b>11.32</b>	<b>6.92</b>	<b>734</b>	<b>736</b>	<b>1470</b>

District Codes:

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

**Table-10A: District-wise Estimated Number of Persons Sex Ratio (Pooling Method: Matching Ratio) and Their RSEs – Rural (Schedule1.0: Type-2)**

District Code	Estimated No. of Households (In Hundred)			RSE of Estimated No. of Households			Sex Ratio			RSE of Sex Ratio		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	2785	3805	3295	4.30	12.17	7.26	946	1202	1086	6.22	12.88	7.63
2	3441	3552	3497	13.08	8.61	7.78	886	761	821	4.13	15.59	7.56
3	2035	1528	1781	3.45	26.74	11.64	1244	940	1103	9.92	19.37	9.97
4	5252	5011	5132	8.44	12.03	7.29	1023	966	995	2.80	16.58	8.18
5	8117	4154	6167	28.86	19.15	20.06	867	850	864	5.81	17.06	8.88
6	5962	5433	5698	7.31	11.16	6.55	997	1070	1032	7.64	5.35	4.62
7	3981	4045	4013	3.58	13.89	7.22	807	1028	912	10.87	15.27	9.86
8	2516	1813	2165	11.32	11.60	8.18	1267	1272	1269	12.71	18.34	11.17
9	5426	4901	5163	5.93	12.39	6.66	969	1124	1039	19.17	27.25	17.24
10	1825	2134	1979	3.22	1.11	1.60	1231	945	1068	3.16	12.09	5.65
11	2931	4506	3746	3.67	13.04	7.97	810	1114	983	11.46	2.39	4.91
12	9556	10124	9840	11.17	18.99	11.17	886	860	872	9.12	6.87	5.74
13	12661	10669	11665	8.50	5.49	5.25	884	901	892	0.80	19.04	9.62
14	1919	2073	1996	6.82	3.71	3.80	873	1016	945	4.15	6.18	3.84
15	1095	1118	1107	1.29	20.83	10.54	777	1108	930	4.48	13.73	8.39
<b>State</b>	<b>69502</b>	<b>64867</b>	<b>67242</b>	<b>4.23</b>	<b>4.08</b>	<b>2.94</b>	<b>929</b>	<b>972</b>	<b>950</b>	<b>2.38</b>	<b>4.70</b>	<b>2.67</b>

District Codes:

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

**Table–10B: District–wise Estimated Number of Persons Sex Ratio (Pooling Method: Matching Ratio) and Their RSEs – Urban (Schedule 1.0: Type–2)**

District Code	Estimated No. of Households (In Hundred)			RSE of Estimated No. of Households			Sex Ratio			RSE of Sex Ratio		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	241	187	214	17.85	39.67	24.89	812	774	795	4.96	17.45	8.86
2	577	520	549	23.82	22.16	19.38	914	871	893	3.95	28.19	13.90
3	66	66	66	24.44	5.73	7.10	661	805	730	21.64	6.21	10.38
4	402	384	393	7.58	14.28	14.67	858	945	900	15.00	7.29	8.11
5	8709	5840	7274	17.97	12.96	16.05	936	894	919	5.89	6.33	4.30
6	789	915	852	16.30	31.55	17.96	968	951	959	2.32	7.46	3.88
7	730	544	637	24.06	19.82	9.79	890	1023	944	8.29	30.77	17.12
8	73	70	71	33.45	33.93	18.36	808	1121	949	24.70	20.35	15.97
9	620	235	428	9.46	11.06	4.25	830	1380	954	31.57	13.72	16.94
10	413	254	333	37.48	11.29	22.56	756	857	793	34.92	2.36	16.69
11	2740	1726	2233	14.97	7.87	15.72	855	782	827	16.19	1.31	8.39
12	5376	5994	5685	20.67	29.11	17.80	748	892	821	16.09	14.27	10.67
13	4268	3948	4125	20.70	6.97	12.64	830	867	844	4.14	6.23	3.79
14	431	327	379	3.54	27.47	14.35	902	893	898	5.72	4.33	3.59
15	18	17	17	5.42	15.25	7.85	732	887	804	10.78	6.37	6.04
<b>State</b>	<b>25452</b>	<b>21027</b>	<b>23256</b>	<b>8.26</b>	<b>9.32</b>	<b>7.24</b>	<b>856</b>	<b>888</b>	<b>870</b>	<b>4.57</b>	<b>4.73</b>	<b>3.30</b>

District Codes:

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

**Table–11A: District–wise Estimate of MPCE (MMRP) – Rural (Schedule 1.0: Type–2)**

District Code	Central Sample			State Sample			Pooled by Matching Ratio			Pooled By inverse Variance		
	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total
1	965.43	751.87	1717.22	784.17	725.37	1509.56	860.77	736.57	1597.31	928.79	751.30	1708.33
2	746.75	722.57	1469.29	978.82	885.89	1864.68	864.63	805.53	1670.13	750.31	770.67	1505.42
3	819.11	689.56	1508.63	892.19	673.78	1566.06	850.46	682.79	1533.26	850.59	685.86	1522.86
4	774.29	722.94	1497.24	1016.17	819.00	1835.13	892.39	769.84	1662.21	831.14	734.85	1533.49
5	956.81	1133.12	2089.87	1123.13	1155.45	2278.52	1014.34	1139.71	2153.99	1053.36	1153.23	2239.15
6	815.01	742.02	1557.06	786.56	606.47	1393.03	801.44	677.39	1478.85	810.15	719.60	1531.12
7	865.02	747.77	1612.76	787.62	574.10	1361.77	826.01	660.24	1486.27	853.16	694.18	1602.27
8	971.67	917.10	1888.77	1008.30	465.09	1473.38	987.01	727.84	1714.84	978.93	573.59	1664.66
9	818.62	698.59	1517.21	766.79	640.90	1407.70	794.02	671.21	1465.24	811.97	670.09	1492.31
10	956.94	750.46	1707.37	818.32	723.14	1541.38	882.23	735.74	1617.90	954.70	723.68	1623.92
11	840.49	1021.20	1861.68	801.72	1101.10	1902.82	822.22	1095.72	1917.93	824.40	1027.19	1864.62
12	910.03	1084.32	1994.32	1768.45	635.13	2403.53	1351.64	853.23	2204.84	944.00	654.20	2229.20
13	804.13	905.81	1709.96	824.96	701.48	1526.40	813.66	812.37	1626.01	807.47	721.49	1573.38
14	789.59	549.62	1339.21	771.35	725.52	1496.80	780.12	640.96	1421.05	784.25	561.16	1339.99
15	851.97	673.76	1525.76	787.22	597.42	1384.66	819.26	635.19	1454.47	845.48	604.12	1386.73
State	855.84	869.94	1725.77	1004.68	740.48	1745.15	928.10	809.07	1737.15	888.40	789.68	1735.59

District Codes:

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

**Table-11B: District-wise Estimate of MPCE (MMRP) – Urban (Schedule 1.0: Type-2)**

District Code	Central Sample			State Sample			Pooled by Matching Ratio			Pooled By inverse Variance		
	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total	Food	N-Food	Total
1	1096.41	1445.29	2541.73	985.71	1341.93	2327.67	1048.01	1400.10	2448.14	1049.63	1351.01	2327.94
2	959.27	1143.86	2103.13	1334.67	1546.29	2880.90	1137.30	1334.70	2471.97	1101.04	1182.47	2226.75
3	1342.88	1371.30	2714.08	1108.07	1000.93	2109.06	1224.83	1185.11	2409.92	1199.93	1324.88	2440.92
4	1613.04	1980.77	3593.65	1333.81	1607.56	2941.31	1476.62	1798.43	3274.94	1421.05	1964.92	3543.93
5	1050.21	1220.72	2270.92	1292.63	1916.17	3208.77	1147.51	1499.87	2647.36	1274.71	1493.13	2883.96
6	1199.31	1528.49	2727.75	1060.93	1001.90	2062.79	1125.01	1245.77	2370.74	1159.38	1383.59	2551.47
7	1275.30	1335.34	2610.58	957.11	1001.72	1958.67	1139.50	1192.96	2332.36	985.87	1335.30	2286.57
8	1207.67	2068.47	3276.19	1549.03	1016.21	2565.17	1374.65	1553.72	2928.37	1530.84	1110.28	2619.08
9	1281.86	1347.90	2629.78	1636.65	1400.55	3037.21	1379.36	1362.37	2741.74	1289.88	1356.20	2641.60
10	1005.20	1204.76	2209.86	1020.16	880.54	1900.66	1010.90	1081.31	2092.13	1015.29	928.87	1968.64
11	1004.71	1027.62	2032.31	910.91	934.19	1845.10	968.45	991.51	1959.95	932.21	959.80	1866.45
12	1006.31	1029.16	2035.49	1889.43	984.38	2873.83	1471.89	1005.55	2477.46	1010.94	1022.21	2062.84
13	1177.23	1528.97	2706.18	1339.19	1770.38	3109.53	1251.86	1636.14	2887.98	1212.40	1557.95	2756.06
14	1166.43	1987.57	3153.98	1406.67	1686.23	3092.93	1270.11	1857.52	3127.63	1326.77	1778.70	3112.16
15	1167.88	1405.63	2573.38	1037.26	1598.20	2635.50	1104.87	1498.43	2603.25	1059.37	1479.14	2594.48
<b>State</b>	<b>1083.86</b>	<b>1255.15</b>	<b>2338.99</b>	<b>1422.87</b>	<b>1431.27</b>	<b>2854.13</b>	<b>1236.68</b>	<b>1333.49</b>	<b>2570.15</b>	<b>1129.42</b>	<b>1393.79</b>	<b>2456.59</b>

**District Codes:**

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

**Table-12: District-wise Estimate of RSE of Total MPCE (MMRP) – Rural & Urban (Schedule 1.0: Type-1 & Type-2)**

District Code	RURAL				URBAN			
	Central	State	Pooled by Matching Ratio	Pooled By inverse Variance	Central	State	Pooled by Matching Ratio	Pooled By inverse Variance
1	2.67	14.36	6.94	2.63	14.12	0.55	7.33	0.55
2	3.96	9.84	5.76	3.68	10.29	17.28	10.98	8.91
3	8.34	14.00	8.24	7.17	4.78	6.78	4.01	3.94
4	6.48	15.25	8.91	5.98	3.00	12.76	5.96	2.92
5	14.50	6.83	7.91	6.18	14.52	7.48	7.70	6.73
6	8.22	21.20	10.88	7.67	7.04	15.50	7.87	6.45
7	2.31	13.10	6.13	2.28	2.23	2.99	1.77	1.81
8	6.89	8.16	5.17	5.30	13.23	4.84	7.70	4.56
9	4.47	8.88	4.85	3.99	2.45	12.27	6.90	2.40
10	4.23	4.66	3.15	3.14	22.52	13.90	13.47	11.85
11	6.49	22.87	11.77	6.24	17.36	6.86	9.56	6.38
12	10.10	7.22	6.03	5.90	7.18	27.69	16.33	6.97
13	9.68	6.36	5.90	5.32	7.04	16.31	9.38	6.47
14	2.35	29.74	15.70	2.34	17.11	11.83	10.42	9.73
15	15.04	2.02	7.95	2.00	7.50	10.21	6.36	6.04
<b>State</b>	<b>3.71</b>	<b>3.62</b>	<b>2.59</b>	<b>2.59</b>	<b>5.96</b>	<b>8.98</b>	<b>5.68</b>	<b>4.99</b>

District Codes:

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

**Table-13A: District– wise estimated no of persons (Pooling Method: Matching Ratio)  
– Rural (Schedule 10)**

District Code	Male (In Hundred)			Female(In Hundred)			Persons(In Hundred)		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	1359	1814	1587	1238	1775	1507	2597	3589	3093
2	1789	1692	1741	1507	1712	1610	3297	3404	3350
3	1022	803	912	1101	848	974	2122	1651	1887
4	2724	2433	2578	2403	2424	2413	5127	4857	4992
5	3997	2164	3068	4408	1972	3190	8405	4135	6258
6	2415	2332	2373	3266	2685	2975	5681	5016	5349
7	1986	1808	1897	2172	1848	2002	4158	3655	3900
8	1093	890	992	1264	1124	1194	2357	2015	2186
9	2468	2463	2465	3142	2868	3005	5610	5357	5483
10	853	1034	943	1116	885	1001	1970	1919	1944
11	1299	2283	1803	1121	2087	1612	2420	4382	3421
12	4284	5918	5101	4120	4860	4490	8405	10789	9597
13	7829	6219	7024	6330	5798	6064	14160	12026	13093
14	1188	1025	1107	841	758	800	2029	1784	1906
15	419	602	501	391	580	476	809	1182	977
<b>State</b>	<b>34726</b>	<b>33479</b>	<b>34092</b>	<b>34420</b>	<b>32225</b>	<b>33314</b>	<b>69146</b>	<b>65762</b>	<b>67436</b>

District Codes:

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

**Table-13B: District– wise estimated no of persons (Pooling Method: Matching Ratio)  
– Urban (Schedule 10)**

District Code	Male (In Hundred)			Female(In Hundred)			Persons(In Hundred)		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	99	106	102	104	85	94	203	191	197
2	233	351	292	247	193	220	480	544	512
3	35	46	40	24	37	31	59	83	71
4	201	203	202	149	168	158	350	370	360
5	3861	2971	3416	3952	2656	3304	7813	5628	6720
6	387	521	454	351	480	415	737	1000	869
7	359	297	328	326	278	302	685	576	630
8	29	36	33	26	37	31	55	73	64
9	350	188	269	294	143	219	644	331	487
10	266	121	194	232	124	178	499	245	372
11	1414	940	1177	1233	839	1036	2647	1835	2241
12	3159	3444	3301	2637	2932	2784	5795	6377	6086
13	2169	2333	2260	1901	1760	1828	4070	4093	4088
14	166	171	168	172	175	174	338	346	342
15	10	10	10	9	9	9	19	19	19
<b>State</b>	<b>12737</b>	<b>11737</b>	<b>12246</b>	<b>11656</b>	<b>9916</b>	<b>10784</b>	<b>24394</b>	<b>21712</b>	<b>23059</b>

District Codes:

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



**Table-14A: District– wise WPR per1000 (PS+SS) (Pooling Method: Matching Ratio)  
– Rural (Schedule 10)**

District Code	Male			Female			Persons		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	436	492	468	252	75	147	348	285	312
2	456	472	464	405	243	319	433	357	394
3	455	431	445	269	47	172	359	234	304
4	387	526	453	390	197	293	388	362	375
5	519	401	479	152	95	132	326	255	302
6	488	391	440	276	21	161	366	193	285
7	455	437	447	507	112	324	482	273	384
8	485	527	504	519	222	379	503	357	436
9	469	486	478	472	444	459	471	463	467
10	452	420	435	379	63	239	411	256	334
11	531	408	453	434	82	205	486	254	337
12	427	422	424	291	36	153	360	248	297
13	427	554	483	144	45	96	300	308	304
14	413	464	436	608	130	382	494	322	413
15	462	449	448	319	14	141	393	236	298
<b>State</b>	<b>452</b>	<b>466</b>	<b>459</b>	<b>308</b>	<b>118</b>	<b>216</b>	<b>381</b>	<b>296</b>	<b>339</b>

District Codes:

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

**Table-14B: District– wise WPR per1000 (PS+SS) (Pooling Method: Matching Ratio)  
– Urban (Schedule 10)**

District Code	Male			Female			Persons		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	414	370	391	27	42	34	216	225	220
2	548	502	520	100	180	135	317	387	354
3	603	542	568	85	15	42	390	307	341
4	449	556	503	143	65	101	319	334	327
5	534	517	526	88	76	83	308	309	309
6	441	428	434	74	158	123	266	299	285
7	353	328	342	88	236	156	227	284	253
8	496	412	449	276	69	155	392	240	305
9	462	469	464	148	126	141	319	320	319
10	451	535	478	259	63	191	362	296	340
11	479	485	482	90	47	73	298	277	290
12	508	328	414	68	63	65	308	207	255
13	521	492	505	62	94	78	307	321	314
14	529	463	496	201	134	167	362	297	329
15	503	534	518	62	67	65	295	312	304
<b>State</b>	<b>506</b>	<b>443</b>	<b>475</b>	<b>86</b>	<b>84</b>	<b>85</b>	<b>305</b>	<b>279</b>	<b>293</b>

District Codes:

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

**Table-15A: District– wise LFPR per 1000 (Pooling Method: Matching Ratio)– Rural (Schedule 10)**

District Code	PS+SS			CWS			CDS		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	348	290	315	329	300	312	294	293	294
2	439	363	400	400	347	373	348	347	347
3	367	262	321	353	262	313	293	262	279
4	388	362	375	313	432	369	259	432	340
5	326	271	307	313	269	297	289	269	282
6	372	193	288	326	195	265	277	189	236
7	503	273	395	475	219	357	442	219	339
8	505	361	439	468	361	419	425	361	395
9	486	469	477	450	463	456	392	463	427
10	413	257	336	399	221	310	346	221	284
11	517	281	365	501	275	356	453	275	339
12	385	248	308	334	228	275	307	228	263
13	308	317	312	303	324	313	271	319	293
14	507	365	440	474	363	422	381	363	373
15	393	236	298	382	236	294	316	236	266
<b>State</b>	<b>390</b>	<b>303</b>	<b>348</b>	<b>361</b>	<b>300</b>	<b>332</b>	<b>320</b>	<b>299</b>	<b>310</b>

District Codes:

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

**Table-15B: District– wise LFPR per 1000 (Pooling Method: Matching Ratio)– Urban (Schedule 10)**

District Code	PS+SS			CWS			CDS		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	253	272	262	253	272	262	240	272	256
2	320	404	364	315	417	369	308	419	367
3	390	329	354	390	329	354	387	329	353
4	319	334	327	319	334	327	319	334	327
5	311	348	327	315	348	329	303	348	322
6	269	303	288	264	300	284	252	300	279
7	227	284	253	222	207	215	222	207	215
8	465	240	336	465	240	336	422	240	318
9	406	347	386	406	347	386	379	347	368
10	390	305	362	390	320	367	342	320	335
11	342	289	320	338	291	319	335	291	317
12	334	207	267	329	212	267	323	212	265
13	314	354	334	310	352	330	303	352	327
14	386	315	350	386	305	345	377	305	341
15	295	325	310	295	325	310	286	325	305
<b>State</b>	<b>322</b>	<b>298</b>	<b>311</b>	<b>321</b>	<b>297</b>	<b>310</b>	<b>311</b>	<b>297</b>	<b>305</b>

**District Codes:**

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

**Table-16A: District– wise RSE of LFPR (Pooling Method: Matching Ratio)– Rural  
(Schedule 10)**

District Code	PS+SS			CWS			CDS		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	6.68	4.33	4.19	8.76	7.36	5.82	6.94	8.19	5.36
2	13.01	20.44	11.70	10.20	18.93	10.37	9.93	18.93	10.69
3	11.22	3.16	6.54	10.55	3.16	6.09	9.41	3.16	5.16
4	7.06	8.01	5.32	14.96	8.42	8.03	11.69	8.42	6.96
5	6.63	3.76	3.89	9.75	3.81	5.42	5.36	3.81	3.29
6	5.61	7.31	4.37	12.42	7.00	8.06	7.20	5.45	4.76
7	13.13	12.22	9.37	11.28	17.72	9.27	8.00	17.72	7.74
8	10.51	5.64	6.47	10.66	5.64	6.43	10.54	5.64	6.23
9	6.13	5.89	4.26	2.59	4.79	2.75	5.37	4.79	3.58
10	5.58	5.16	3.96	2.33	4.10	2.09	0.37	4.10	1.61
11	10.70	11.20	8.72	13.31	12.20	10.48	9.69	12.20	8.15
12	11.14	10.33	8.11	4.57	15.34	6.94	3.09	15.34	6.89
13	6.77	17.62	9.55	7.86	16.31	9.26	8.01	17.89	10.42
14	6.22	6.18	4.41	1.67	6.67	3.02	1.16	6.67	3.30
15	10.07	3.59	6.79	11.30	3.59	7.48	1.82	3.59	1.92
<b>State</b>	<b>2.77</b>	<b>4.12</b>	<b>2.37</b>	<b>2.88</b>	<b>4.25</b>	<b>2.48</b>	<b>2.31</b>	<b>4.47</b>	<b>2.46</b>

District Codes:

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

**Table-16B: District– wise RSE of LFPR (Pooling Method: Matching Ratio)– Urban  
(Schedule 10)**

District Code	PS+SS			CWS			CDS		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
1	18.18	6.35	9.38	18.18	6.35	9.38	13.64	6.35	7.23
2	6.51	29.73	16.74	7.66	24.52	14.24	7.73	24.11	14.14
3	9.72	5.17	5.87	9.72	5.17	5.87	8.94	5.17	5.46
4	6.31	20.02	10.68	6.31	20.02	10.68	6.31	20.02	10.68
5	2.83	5.43	3.19	2.68	5.43	3.15	3.04	5.43	3.26
6	7.01	6.53	4.75	5.54	5.50	3.88	6.15	5.50	4.06
7	13.09	4.27	6.34	10.48	13.92	8.61	10.35	13.92	8.57
8	6.03	21.70	8.80	6.03	21.70	8.80	7.72	21.70	9.66
9	7.40	17.20	8.66	7.40	17.20	8.66	14.73	17.20	11.10
10	14.86	2.74	8.09	14.86	6.49	8.39	17.61	6.49	9.51
11	10.07	13.42	8.10	10.89	12.89	8.24	11.05	12.89	8.31
12	4.41	13.70	5.98	4.60	15.20	6.67	4.83	15.20	6.76
13	8.74	4.56	4.77	8.14	4.41	4.49	8.52	4.45	4.62
14	13.41	22.32	12.47	13.41	24.98	13.35	14.83	24.98	13.86
15	14.99	14.49	10.42	14.99	14.49	10.42	12.26	14.49	9.63
<b>State</b>	<b>2.43</b>	<b>5.65</b>	<b>2.98</b>	<b>2.44</b>	<b>5.86</b>	<b>3.08</b>	<b>2.65</b>	<b>5.86</b>	<b>3.16</b>

District Codes:

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

**Table-17A: Estimate of Worker Sector (Pooling Method: Matching Ratio)– Rural (Schedule 10)**

Compilation category	Worker( un-organised)			Worker( organised)			Total Worker		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
Cotton ginning+ cleaning and bailing	0	0	0	0	0	0	0	0	0
Meat+fish+fruits+vegetables +oils	0	291	146	0	0	0	0	291	146
Dairy products	5994	2218	4106	0	0	0	5994	2218	4106
Grain mill products	2635	19656	11146	0	0	0	2635	19656	11146
Other food products	9274	2698	5986	3721	16326	10023	12995	19024	16009
Beverages	0	0	0	0	0	0	0	0	0
Tobacco products	0	0	0	0	0	0	0	0	0
Spinning+ weaving+finishing of textiles	38641	1003	19822	0	0	0	38641	1003	19822
Wearing apparel	0	1677	838	0	0	0	0	1677	838
Leather & fur products	3750	0	1875	0	0	0	3750	0	1875
Wood and wood products	7308	27162	17235	1166	4025	2596	8474	31187	19830
Furniture	19433	1705	10569	0	0	0	19433	1705	10569
Paper and printing +publishing	6202	1963	4083	1382	3726	2554	7584	5690	6637
Rubber+ plastic+petroleum products etc.	925	0	462	416	187	302	1341	187	764
Pharmaceuticals+chemical and chemical products	96	2992	1544	4949	2291	3620	5045	5282	5163
Non-metallic products	2446	26951	14698	12142	1869	7005	14588	28819	21704
Basic metals(Ferrous)	0	717	358	0	279	140	0	996	498
Basic metals(Non-Ferrous)	0	0	0	0	0	0	0	0	0
Recycling	0	0	0	0	0	0	0	0	0
Fabricated metal products+repair (nondomestic)	16583	9788	13186	0	715	357	16583	10503	13543
Computer+electronics+optical+repair(nondomest)	0	0	0	554	0	277	554	0	277
Electrical machinery+repair (nondomestic)	0	1719	860	8302	0	4151	8302	1719	5011
Machinery nec+repair(nondomestic)	0	2336	1168	342	5159	2751	342	7495	3919
Transport equipment+repair (nondomestic)	139	0	69	4445	1695	3175	4584	1695	3245
Other manufacturing+repair	0	2085	1042	0	0	0	0	2085	1042
Repair of motor vehicles and motor cycles	3321	3300	3310	440	0	220	3761	3300	3530
Sale of motor vehicles	2750	787	1768	0	0	0	2750	787	1768

Whole sale trade + Auctioning activities	0	2483	1241	0	0	0	0	2483	1241
Repair of personal and household goods	7147	4637	5892	0	245	123	7147	4883	6015
Retail trade (except motor vehicle)	168248	108260	138749	3936	193	2065	172184	108453	140813
Hotels; Camping sites etc.	3479	7086	5283	165	565	365	3644	7651	5648
Restaurant+bars+canteen	45337	21652	33495	0	4795	2397	45337	26447	35892
Scheduled passenger land transport	7952	3268	6155	860	511	685	8812	3779	6840
Non-sch passenger transport by motor vehicles	47154	26914	36250	0	0	0	47154	26914	36250
Freight transport by motor vehicles	44430	22659	33587	0	0	0	44430	22659	33587
Other non-scheduled passenger land transport	8398	6550	7531	0	2461	1230	8398	9011	8761
Freight transport other than by motor vehicles	9957	655	5306	0	0	0	9957	655	5306
water Transport	0	0	0	1524	447	985	1524	447	985
Financial excl insurance and pension	0	0	0	0	0	0	0	0	0
Other financial activities	0	0	0	0	155	77	0	155	77
Storage and Ware Housing	0	0	0	0	0	0	0	0	0
Supporting & Auxiliary transport activities	0	0	0	0	0	0	0	0	0
Postal Services	0	0	0	1973	5475	3724	1973	5475	3724
Courier activities	0	0	0	0	0	0	0	0	0
Cable operator	149	0	75	0	0	0	149	0	75
Other communication	725	0	363	890	0	445	1615	0	807
Real Estate	3223	8564	5894	0	0	0	3223	8564	5894
Renting of Machinery	0	0	0	0	0	0	0	0	0
Computer relating services	4359	221	2290	0	273	136	4359	494	2426
Legal services	316	6060	3188	0	0	0	316	6060	3188
Accounting+Book-Keeping	0	0	0	1747	0	873	1747	0	873
Research Dev.	3431	6781	5106	7171	7242	7207	10602	14023	12313
Education	5770	7719	6745	0	0	0	5770	7719	6745
Coaching centre	9819	14580	12236	65526	69240	67425	75345	83820	79662
Medical and Health	3999	849	2424	7217	7088	7257	11215	7936	9681
Sanitary Services	347	0	174	0	0	0	347	0	174
Membership Organisations	7391	13209	10300	0	0	0	7391	13209	10300
Recreation & Entertainment	2629	1872	2250	0	371	186	2629	2243	2436
Washing & cleaning of Textiles	0	0	0	0	0	0	0	0	0



Hair dressing + beauty treatment	5938	5469	4962	0	0	0	5938	5469	4962
Custom Tailoring	34994	13173	24470	0	0	0	34994	13173	24470
Funeral related + otherservices	5994	3967	4980	0	0	0	5994	3967	4980
Pvt. Household with employed person	0	0	0	675	0	337	675	0	337
<b>State</b>	<b>550681</b>	<b>395677</b>	<b>473215</b>	<b>129541</b>	<b>135334</b>	<b>132690</b>	<b>680222</b>	<b>531011</b>	<b>605905</b>

**Table-17B: Estimate of Worker Sector(Pooling Method: Matching Ratio)– Urban (Schedule 10)**

Compilation category	Worker( un-organised)			Worker( organised)			Total Worker		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
Cotton ginning+ cleaning and bailing	0	0	0	0	0	0	0	0	0
Meat+fish+fruits+vegetables+oils	4655	6	2330	3888	92	1990	8543	98	4320
Dairy products	0	276	138	541	2293	1417	541	2569	1555
Grain mill products	2603	407	1505	0	0	0	2603	407	1505
Other food products	4244	3465	3854	9392	5178	7285	13635	8643	11139
Beverages	0	4884	2442	0	0	0	0	4884	2442
Tobacco products	638	0	319	0	0	0	638	0	319
Spinning+ weaving+finishing of textiles	1946	9147	5546	1488	0	744	3434	9147	6290
Wearing apparel	0	107	53	0	0	0	0	107	53
Leather & fur products	0	656	328	0	0	0	0	656	328
Wood and wood products	5643	407	3025	0	0	0	5643	407	3025
Furniture	3262	12470	7866	0	3114	1557	3262	15584	9423
Paper and printing +publishing	1880	3725	2803	1762	1840	1801	3642	5565	4603
Rubber+ plastic+petroleum products etc.	0	0	0	1566	0	783	1566	0	783
Pharmaceuticals+chemical and chemical products	853	0	426	6171	7486	6829	7024	7486	7255
Non-metallic products	256	0	128	4163	703	2433	4419	703	2561
Basic metals(Ferrous)	2048	0	1024	2666	0	1333	4714	0	2357
Basic metals(Non-Ferrous)	0	0	0	0	0	0	0	0	0
Recycling	0	0	0	0	0	0	0	0	0
Febricated metal products+repair (nondomestic)	27323	11279	19301	0	1234	617	27323	12513	19918
Computer+electronics+optical +repair(nondomest)	426	0	213	0	656	328	426	656	541
Electrical machinery+repair(nondomestic)	4529	0	2264	8512	8040	8318	13041	8040	10582
Machinery nec+repair(nondomestic)	0	0	0	2149	15453	8801	2149	15453	8801
Transport equipment+repair (nondomestic)	1487	0	744	5654	13086	9370	7141	13086	10113
Other manufacturing+repair	4440	4633	4536	0	0	0	4440	4633	4536
Repair of motor vehicles and motor cycles	5644	626	3135	0	1079	539	5644	1705	3674
Sale of motor vehicles	4448	3726	4087	0	1430	715	4448	5156	4802

Whole sale trade + Auctioning activities	12465	5246	8856	4	0	2	12470	5246	8858
Repair of personal and household goods	4015	5400	4429	0	1977	989	4015	7378	5418
Retail trade (except motor vehicle)	195784	154878	175431	0	11661	5831	195784	166539	181262
Hotels; Camping sites etc.	4398	9519	6959	552	202	377	4950	9721	7336
Restaurant+bars+canteen	36830	13115	24806	2336	2666	2501	39166	15781	27307
Scheduled passenger land transport	9579	3221	6400	2016	1661	1838	11595	4882	8238
Non-sch passenger transport by motor vehicles	21204	10536	15870	606	4647	2627	21811	15183	18497
Freight transport by motor vehicles	7702	3313	5945	0	0	0	7702	3313	5945
Other non-scheduled passenger land transport	4840	4087	4607	0	527	264	4840	4614	4871
Freight transport other than by motor vehicles	2205	0	1103	0	0	0	2205	0	1103
water Transport	0	0	0	0	0	0	0	0	0
Financial excl insurance and pension	0	0	0	0	333	167	0	333	167
Other financial activities	1724	348	1036	3764	121	1942	5488	469	2978
Storage and Ware Housing	0	0	0	0	245	123	0	245	123
Supporting & Auxiliary transport activities	0	6507	3253	0	0	0	0	6507	3253
Postal Services	0	0	0	1521	2075	1798	1521	2075	1798
Courier activities	0	302	151	0	0	0	0	302	151
Cable operator	0	0	0	0	0	0	0	0	0
Other communication	0	2869	1435	1210	692	951	1210	3561	2386
Real Estate	1757	2146	1951	0	243	122	1757	2390	2073
Renting of Machinery	1021	2637	1829	0	0	0	1021	2637	1829
Computer relating services	0	817	408	0	3524	1762	0	4340	2170
Legal services	1320	7489	4404	552	168	360	1872	7657	4764
Accounting+Book-Keeping	232	288	260	0	0	0	232	288	260
Research Dev.	3096	4655	3875	8758	1513	5135	11854	6168	9011
Education	864	1732	1298	0	532	266	864	2264	1564
Coaching centre	18555	10840	14916	37975	27858	33135	56530	38698	48052
Medical and Health	11217	4436	7826	6346	5412	5879	17562	9848	13705
Sanitary Services	0	3873	1867	0	4206	2103	0	8079	3970
Membership Organisations	5719	21	2870	0	4073	2036	5719	4094	4906
Recreation & Entertainment	1665	26	846	779	719	749	2444	745	1594

Washing & cleaning of Textiles	270	5481	2917	0	383	191	270	5864	3108
Hair dressing + beauty treatment	10718	1696	6207	0	383	191	10718	2079	6398
Custom Tailoring	24765	11519	18142	0	0	0	24765	11519	18142
Funeral related + otherservices	5071	6457	5908	0	0	0	5071	6457	5908
Pvt. Household with employed person	0	0	0	4848	2938	3535	4848	2938	3535
<b>State</b>	<b>463338</b>	<b>339268</b>	<b>401875</b>	<b>119216</b>	<b>140440</b>	<b>129731</b>	<b>582554</b>	<b>479708</b>	<b>531605</b>

**Table-18A: Estimate of RSE of Worker Sector(Pooling Method: Matching Ratio)– Rural (Schedule 10)**

Compilation category	RSE Worker ( un-organised)			RSE Worker ( organised)			RSE Total Worker		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
Cotton ginning+ cleaning and bailing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Meat+fish+fruits+vegetables+oils	0.00	0.00	99.66	0.00	0.00	0.00	0.00	0.00	0.00
Dairy products	100.00	0.00	77.83	0.00	0.00	0.00	0.00	0.00	0.00
Grain mill products	36.55	79.21	69.98	0.00	0.00	0.00	36.55	79.21	0.00
Other food products	63.87	54.76	50.99	59.90	90.21	74.31	37.08	77.80	1.26
Beverages	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tobacco products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spinning+weaving+finishing of textiles	76.53	0.00	74.64	0.00	0.00	0.00	76.53	0.00	0.00
Wearing apparel	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Leather & fur products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wood and wood products	59.80	72.23	58.31	99.63	70.99	59.41	53.36	70.09	5.42
Furniture	44.40	70.76	41.22	0.00	0.00	0.00	44.40	70.76	0.00
Paper and printing +publishing	71.48	0.00	59.37	78.66	0.00	75.99	60.33	74.03	3.19
Rubber+ plastic+petroleum products etc.	0.00	0.00	0.00	0.00	0.00	75.51	75.62	0.00	9.15
Pharmaceuticals+chemical and chemical products	0.00	71.14	69.00	71.37	0.00	58.15	69.93	59.19	1.98
Non-metallic products	96.72	94.16	86.70	71.47	0.00	63.36	61.98	94.54	2.10
Basic metals(Ferrous)	0.00	0.00	0.00	0.00	0.00	99.64	0.00	77.23	15.94
Basic metals (Non-Ferrous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fabricated metal products+repair(nondomestic)	33.74	53.34	29.02	0.00	0.00	0.00	33.74	50.18	32.60
Computer+electronics+optical+repair(nondomestic)	0.00	0.00	0.00	76.26	0.00	76.26	76.26	0.00	6.01
Electrical machinery+repair (nondomestic)	100.00	0.00	99.94	72.49	0.00	72.49	72.49	0.00	1.71
Machinery nec+repair(nondomestic)	0.00	0.00	0.00	0.00	81.69	76.85	0.00	64.29	2.28
Transport equipment+repair (nondomestic)	0.00	0.00	0.00	81.93	73.01	60.57	78.78	73.01	1.79
Other manufacturing+repair	0.00	72.17	72.20	0.00	0.00	0.00	0.00	72.17	0.00

Repair of motor vehicles and motor cycles	73.83	72.74	51.83	0.00	0.00	0.00	66.24	72.74	27.01
Sale of motor vehicles	0.00	80.30	79.80	0.00	0.00	0.00	0.00	80.30	0.00
Whole sale trade + Auctioning activities	0.00	68.71	68.74	0.00	0.00	0.00	0.00	68.71	0.00
Repair of personal and household goods	69.05	63.37	48.74	100.00	0.00	99.59	69.05	64.44	63.05
Retail trade (except motor vehicle)	11.40	23.67	11.53	80.99	0.00	77.33	11.33	23.63	18.17
Hotels; Camping sites etc.	89.21	70.54	55.68	100.00	0.0	80.63	85.29	65.75	20.59
Restaurant+bars+canteen	25.08	33.26	20.09	0.00	76.06	76.08	25.08	30.52	7.90
Scheduled passenger land transport	63.14	0.00	48.67	90.21	0.00	67.81	57.66	87.54	12.07
Non-sch passenger transport by motor vehicles	46.15	46.52	34.63	0.00	0.00	0.00	46.15	46.52	0.00
Freight transport by motor vehicles	51.09	52.90	38.21	0.00	0.00	0.00	51.09	52.90	0.00
Other non-scheduled passenger land transport	82.62	52.46	51.41	0.00	0.00	0.00	82.62	60.76	7.61
Freight transport other than by motor vehicles	41.31	82.27	39.09	0.00	0.00	0.00	41.31	82.27	0.00
water Transport	0.00	0.00	0.00	100.00	0.00	80.62	0.00	0.00	3.19
Financial excl insurance and pension	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other financial activities	0.00	0.00	0.00	100.00	96.08	96.70	0.00	96.08	11.40
Storage and Ware Housing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Supporting & Auxiliary transport activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Postal Services	0.00	0.00	0.00	56.14	88.12	66.46	56.14	88.12	1.64
Courier activities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cable operator	100.00	0.00	99.33	0.00	0.00	0.00	0.00	0.00	0.00
Other communication	100.00	0.00	99.86	71.87	0.00	71.87	59.87	0.00	6.38
Real Estate	87.42	57.85	48.35	0.00	0.00	0.00	87.42	57.85	0.00
Renting of Machinery	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Computer relating services	100.00	100.00	95.30	0.00	0.00	0.00	0.00	71.10	36.22
Legal services	0.00	87.41	83.23	0.00	0.00	0.00	0.00	87.41	0.00
Accounting+Book-Keeping	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	3.38
Research Dev.	68.73	51.52	41.27	61.98	86.23	53.18	33.43	33.45	1.54
Education	89.08	100.00	68.75	0.00	0.00	0.00	89.08	100.00	0.00
Coaching centre	49.26	39.71	30.83	22.12	18.80	14.45	21.34	15.29	0.42
Medical and Health	63.98	100.00	55.61	53.51	51.23	36.52	41.30	46.98	1.36
Sanitary Services	100.00	0.00	99.71	0.00	0.00	0.00	100.00	0.00	0.00
Membership Organisations	42.71	68.00	46.22	0.00	0.00	0.00	42.71	68.00	0.00

Recreation & Entertainment	86.72	0.00	65.55	0.00	0.00	99.73	86.72	85.07	26.54
Washing & cleaning of Textiles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hair dressing + beauty treatment	59.07	82.41	57.55	0.00	0.00	0.00	59.07	82.41	0.00
Custom Tailoring	36.12	47.98	28.88	0.00	0.00	0.00	36.12	47.98	0.00
Funeral related + otherservices	0.00	68.55	66.08	0.00	0.00	0.00	0.00	68.55	0.00
Pvt. Household with employed person	0.00	0.00	0.00	100.00	0.00	100.15	100.00	0.00	5.45
<b>State</b>	<b>11.31</b>	<b>15.02</b>	<b>9.10</b>	<b>18.48</b>	<b>18.28</b>	<b>12.97</b>	<b>9.75</b>	<b>12.00</b>	<b>0.59</b>

**Table-18B: Estimate of RSE of Worker Sector(Pooling Method: Matching Ratio)– Urban (Schedule 10)**

Compilation category	RSE Worker ( un-organised)			RSE Worker ( organised)			RSE Total Worker		
	Central	State	Pooled	Central	State	Pooled	Central	State	Pooled
Cotton ginning+ cleaning and bailing	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Meat+fish+fruits+vegetables+oils	39.88	0.00	39.84	0.00	100.00	97.72	50.43	94.41	3.30
Dairy products	0.00	0.00	0.00	0.00	82.63	69.53	0.00	74.54	2.78
Grain mill products	86.15	0.00	75.72	0.00	0.00	0.00	86.15	0.00	0.00
Other food products	30.57	66.27	34.22	55.98	79.70	45.87	39.71	54.64	1.45
Beverages	0.00	71.89	71.89	0.00	0.00	0.00	0.00	71.89	0.00
Tobacco products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spinning+ weaving+finishing of textiles	64.98	67.19	56.57	0.00	0.00	0.00	56.86	67.19	10.66
Wearing apparel	0.00	78.37	79.11	0.00	0.00	0.00	0.00	78.37	0.00
Leather & fur products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Wood and wood products	45.74	0.00	43.19	0.00	0.00	0.00	45.74	0.00	0.00
Furniture	65.80	36.78	32.19	0.00	90.99	90.99	65.80	38.67	6.23
Paper and printing +publishing	58.23	57.54	42.93	82.41	0.00	65.07	49.93	69.01	3.77
Rubber+ plastic+petroleum products etc.	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	3.57
Pharmaceuticals+chemical and chemical products	0.00	0.00	0.00	75.70	40.70	40.83	67.61	40.70	1.25
Non-metallic products	0.00	0.00	0.00	100.00	100.00	86.76	94.38	0.00	2.08
Basic metals(Ferrous)	0.00	0.00	0.00	0.00	0.00	0.00	71.32	0.00	3.64
Basic metals (Non-Ferrous)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Recycling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Febricated metal products+repair(nondomestic)	49.08	33.53	36.09	0.00	0.00	0.00	49.08	26.63	22.87
Computer+electronics+optical+repair(nondomestic)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	7.09
Electrical machinery+repair(nondomestic)	60.07	0.00	60.08	100.00	65.48	60.16	79.56	65.48	1.24
Machinery nec+repair(nondomestic)	0.00	0.00	0.00	72.20	16.82	17.20	72.20	16.82	1.07
Transport equipment+repair (nondomestic)	88.10	0.00	88.04	58.46	60.27	45.63	62.40	60.27	1.07



Other manufacturing+repair	50.85	96.66	55.28	0.00	0.00	0.00	50.85	96.66	0.00
Repair of motor vehicles and motor cycles	61.26	70.85	55.60	0.00	63.78	63.84	61.26	54.63	11.25
Sale of motor vehicles	100.00	73.76	63.97	0.00	72.64	72.64	0.00	56.98	9.69
Whole sale trade + Auctioning activities	45.79	73.89	38.95	0.00	0.00	0.00	45.77	73.89	5.85
Repair of personal and household goods	51.75	51.63	39.25	0.00	90.30	90.25	51.75	44.60	7.44
Retail trade (except motor vehicle)	10.92	22.22	11.55	0.00	43.43	43.43	10.92	20.56	7.30
Hotels; Camping sites etc.	65.38	65.67	49.44	100.00	100.00	77.96	59.15	64.34	22.72
Restaurant+bars+canteen	30.10	33.07	23.99	100.00	77.25	62.26	28.93	26.44	6.61
Scheduled passenger land transport	47.19	90.67	42.04	100.00	83.25	66.50	42.68	67.22	4.94
Non-sch passenger transport by motor vehicles	46.06	36.29	33.04	100.00	55.25	50.21	45.27	32.28	5.18
Freight transport by motor vehicles	80.90	81.10	57.07	0.00	0.00	0.00	80.90	81.10	0.00
Other non-scheduled passenger land transport	57.13	62.77	40.94	0.00	100.00	99.81	57.13	56.76	26.44
Freight transport other than by motor vehicles	89.93	0.00	89.89	0.00	0.00	0.00	89.93	0.00	0.00
water Transport	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Financial excl insurance and pension	0.00	0.00	0.00	0.00	100.00	99.70	0.00	100.00	7.74
Other financial activities	60.46	100.00	53.04	92.88	77.61	90.04	65.23	76.91	2.81
Storage and Ware Housing	0.00	0.00	0.00	0.00	100.00	99.59	0.00	100.00	9.02
Supporting & Auxiliary transport activities	0.00	85.80	85.81	0.00	0.00	0.00	0.00	85.80	0.00
Postal Services	0.00	0.00	0.00	71.63	89.27	59.76	71.63	89.27	2.36
Courier activities	0.00	100.00	100.00	0.00	0.00	0.00	0.00	100.00	0.00
Cable operator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other communication	0.00	72.63	72.60	57.81	77.72	46.39	57.81	60.43	5.14
Real Estate	77.66	75.19	54.16	0.00	100.00	99.59	77.66	68.30	37.32
Renting of Machinery	91.35	100.00	76.46	0.00	0.00	0.00	91.35	100.00	0.00
Computer relating services	0.00	76.27	76.36	0.00	72.20	72.20	0.00	63.26	2.64
Legal services	54.17	60.22	51.84	100.00	100.00	80.14	48.25	58.93	19.17
Accounting+Book-Keeping	100.00	100.00	71.12	0.00	0.00	0.00	100.00	100.00	0.00
Research Dev.	41.18	26.44	22.87	58.82	50.80	50.72	44.38	21.47	1.85
Education	68.01	83.01	59.83	0.00	84.50	84.50	68.01	65.63	14.87
Coaching centre	50.49	40.13	34.62	26.39	22.39	17.81	25.96	17.85	0.66
Medical and Health	32.07	41.99	25.88	71.90	47.45	44.53	33.32	33.58	1.99

Sanitary Services	0.00	71.12	73.77	0.00	93.39	93.39	0.00	57.76	3.00
Membership Organisations	55.38	100.00	55.18	0.00	97.98	98.00	55.38	97.48	3.44
Recreation & Entertainment	100.00	100.00	98.42	100.00	100.00	70.77	75.22	96.54	5.33
Washing & cleaning of Textiles	100.00	72.35	68.13	0.00	100.00	100.26	100.00	68.24	29.19
Hair dressing + beauty treatment	36.71	71.56	33.17	0.00	100.00	100.26	36.71	76.03	41.88
Custom Tailoring	29.62	64.20	28.71	0.00	0.00	0.00	29.62	64.20	0.00
Funeral related + otherservices	60.04	37.45	32.91	0.00	0.00	0.00	60.04	37.45	0.00
Pvt. Household with employed person	0.00	0.00	0.00	60.20	75.17	51.77	60.20	75.17	1.68
<b>State</b>	<b>13.28</b>	<b>10.44</b>	<b>8.83</b>	<b>16.96</b>	<b>15.69</b>	<b>11.53</b>	<b>11.11</b>	<b>8.41</b>	<b>0.56</b>