



**Pooling of
Central and State Sample Data
For NSS 66th ROUND**

**Economic Adviser
Government of Punjab
Website: www.esopb.gov.in**

PREFACE

The 66th round (July, 2009 – June, 2010) of NSS was earmarked for survey on ‘Household consumer Expenditure’ and ‘Employment and Unemployment’. The survey on ‘household consumer expenditure’ and ‘employment and unemployment’ is the eighth quinquennial survey in the series, the last one being conducted in the 61st round (2004-2005) of NSS. Punjab State is a partner in these surveys since the 14th round, on equal matching basis.

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 decentralized 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 incidence of poverty, State Domestic Product (SDP), District Domestic product (DDP) etc., and for strengthening the database at district level required for decentralized planning.

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 held on 25th -29th August, 2014 at Chandigarh, it was demonstrated about the poolability tests and pooling the two sets of data and estimating the parameters based on two methods (1) Matching ratio method and (2) Inverse Weight of the variance of estimates method.

Economic and Statistical Organisation, Punjab has prepared the pooled report on NSS 66th round on Household Consumer Expenditure (Type I & II) and Employment and Unemployment survey on the same lines.

I am thankful to the National Sample Survey Office, Ministry of Statistics and Programme Implementation, Government of India for providing detailed guidelines and assistance for pooling the Central and State sample data on the basis of which this report has been prepared.

CHANDIGARH

Dated:

**M.L Sharma
Economic Advisor
Government of Punjab**

CONTENTS

Title	Page No.
CHAPTER -I	Introduction
	1
	Background
	1
	State's participation in NSS surveys
	1
	Application of pooling of central and state samples
	2
	NSC's Recommendations
	2
	Pooling undertaken by State Statistical Bureau ,Punjab
	3
	Parameters considered for pooling
	3
	Methodology for pooling
	3
	Testing the poolability of two sets of data
	3
	Tables generated
	3
	Layout of the report
	4
	Sample Size of Punjab
	5
CHAPTER-II	Summary of Findings
	6
CHAPTER -III	Results of Poolability Test
	7
	Table 3.1(R) RUN TEST of MPCE for rural sector
	8
	Table 3.1(U) RUN TEST of MPCE for urban sector
	9
	Table 3.2(R) CHI-SQUARE TEST of activity status for rural sector
	10
	Table 3.2(U) CHI-SQUARE TEST of activity status for urban sector
	11
	Table 3.3(R) MEAN TEST of MPCE for rural sector
	12
	Table 3.3(U) MEAN TEST of MPCE for urban sector
CHAPTER-IV	Pooled Results of schedule 1.0
	13 – 14
	Table-4.1 (R), 4.1(U): District wise estimated no of households (00) and their RSEs – Sch. 1.0 Type-1
	15 – 16
	Table-4.2(R), 4.2(U): District wise estimated no of persons(00), sex ratio and their RSEs – Sch. 1.0 Type-1
	17 – 18
	Table-4.3(R),4.3(U): District wise estimate of MPCE (MRP) – sch. 1.0 type-1
	19 – 20
	Table-4.4(R),4.4(U): District wise estimate of MPCE(URP) – sch1.0 type-1
	21 – 22
	Table-4.5(R),4.5(U): District wise estimate of RSEs of total

	<p>MPCE –sch. 1.0 type-1</p> <p>Table-4.6(R), 4.6(U): District wise estimated no of households(00) and their RSEs – Sch. 1.0 Type-2</p> <p>Table-4.7(R), 4.7(U): District wise estimated no of persons (00) , sex ratio and their RSEs Sch. 1.0 Type-2</p> <p>Table-4.8(R),4.8(U):District wise estimate of MPCE (MMRP) – sch. 1.0 type-2</p> <p>Table-4.9: District wise estimate of RSEs of total MPCE– sch. 1.0 type-2</p>	<p>23 – 24</p> <p>25 – 26</p> <p>27 – 28</p> <p>29</p>
CHAPTER-V	Pooled Results of Schedule 10	
	<p>Table-5.1(R), 5.1(U): District wise estimated no of persons(00)</p> <p>Table-5.2(R), 5.2(U): District wise estimate of WPR</p> <p>Table-5.3(R), 5.3(U): District wise estimate of LFPR</p> <p>Table-5.4(R), 5.4(U): District wise estimate of RSE of LFPR</p>	<p>30 – 31</p> <p>32 – 33</p> <p>34 – 35</p> <p>36 – 37</p>
APPENDIX-A	Household Consumer Expenditure Sch. 1.0 , type I and type II	
APPENDIX-B	Employment and Unemployment Sch. 10	

Chapter-I

Introduction

Background

The National Sample Survey Office (NSSO) conduct nationwide survey at regular intervals as part of its “round”, each round usually of a year duration covering several topics of current interest. These surveys are conducted by taking a sample of households selected through a scientific design.

The NSS surveys are planned to generate statistics at state and national level. Although NSS Surveys provide reliable state and national level estimates, but they cannot be used to derive reliable direct estimates at the district level because of small sample size which lead to high level of sampling variability. Ironically there is no regular flow of estimates at further below level. To overcome this difficulty the state DES’s were invited to participate with matching samples so as to enable the preparation of estimates at sub-state level which was not possible with the central sample alone. Thus the sample size will be increased and the pooling of the two sets of data would enable better estimates at lower sub-state level.

The theoretical framework of pooling and the methodology as well as the issues concerning operational and technical aspects of poolability of central and state sample data was detailed in the report submitted by one of the professional committee constituted by NSC on pooling of central and state sample data under the chairmanship of Professor R. Radhakrishna.

In the 66th round survey (July 2009 – June 2010), the information on several correlates of household consumer expenditure and employment and unemployment were gathered in order to reveal the multi dimensional aspects of these indicators in India.

State’s participation in NSS surveys

The state of Punjab is participating in the NSS surveys since 14th round following identical concepts, definitions and procedures as well as by adopting the same sample design as that of NSSO. The sample size of the Punjab is equal to that of central sample called as the state sample. The main purpose of this programme is to pool the two samples and to obtain dependable estimates for regions within the states.

Application of pooling of Central and State samples

The 73rd and 74th constitutional amendment has brought into existence the democratically elected grassroots institutions of local self governance, with delegated powers, 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 as well as at state level . These requirements are subsequently brought in Institutional framework in the implementation of the 13th Finance Commission.

National Statistical Commission’s (NSC) Recommendations

National Statistical Commission (NSC) constituted the committee on pooling of central and state samples in National sample Surveys (NSS) etc. under the Chairmanship of Prof. R. Radhakrishna. The terms of reference of the committee are as follows:-

- ❖ Conditions to be fulfilled for pooling of Central and State Sample NSS data.
- ❖ Methodology for pooling.
- ❖ Time frame by which the exercise needs to be completed by each State.
- ❖ Generating weighting diagrams from the pooled data at sub-state level for the purpose of consumer price indices (Rural and Urban) including occupation specific indices such as CPI-AL, CPI-IW etc, from the NSS data on consumer expenditure surveys (quinquennial & thin sample).

The National Statistical Commission in its reports has observed the importance of pooling in the following 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”.

Pooling undertaken by State Statistical Bureau, Punjab

Since NSSO develops its own in-house software for processing the central sample data, in the deliberations of COCSSO held in the past, it was recommended that NSSO should assist the States in terms of providing common Data Entry Software, Tabulation Software, Instruction Manual & Training and hands on practice to DES personnel. NSSO has already started providing this assistance to States. Punjab is using the Data Entry Software, Validation Software, Tabulation Software supplied by the NSSO

(DPD) for data entry, validation and processing of data. Thus there is complete harmony in data processing process for state sample viz a viz with national sample.

NSS household consumer expenditure survey and employment and unemployment survey of the quinquennial rounds are the two basic sources for distribution of households and population by monthly per capita expenditure (MPCE) class. Expenditure on broad item group of food and non-food by MPCE class and principle activity/Industry wise distribution of work force. These parameters in their respective cross classification have varying degree of precision at national and sub-national levels. This variability in precision is primarily on account of sample counts of observations.

Parameters considered for pooling:

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

- a) MPCE on FOOD, Non-FOOD, and Total MPCE derived from detail item for URP, MRP and MMRP.
- b) Household size, sex.
- c) Activity status principal, subsidiary, weekly, daily and their intensity.
- d) District level quantile class computation.

Methodology of pooling:

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

- a) **Weighting by Matching ratio:** Building aggregate estimate of pooled sample in proportion matching ratio m:n of central and state sample aggregate estimate where m and n are the allotted sample for central and state sample separately for rural and urban sector. Building ratio estimate of pooled sample as ratio of aggregate estimates.
- b) **Weighting by inverse of variance:** Ratio estimates are built by weighting the ratio estimate of central and state sample in proportion to inverse of variance of ratio of the central and state sample.

Testing the poolability of two sets of data:

District wise following tests were undertaken.

- a) District wise Wald-Wolfowitz run test for MPCE (URP, MRP,MMRP) for central and state sample [non parametric Z-test]
- b) District wise divergence test for MPCE (URP, MRP,MMRP) between central and state sample [parametric Z-test]
- c) District wise distribution test over employed, unemployed and out of labour force.

Tables generated:

Following Tables were generated for central, state and pooled sample along with RSEs separately for rural and urban sector.

- a) District wise estimated number of households and persons by sex and sex ratio and average MPCE (URP, MRP, MMRP) for schedule type-I and II
- b) District wise Value of consumption (Rs.0.00) on food, non-food and total per person for a period of 30 days for each Quantile class of MPCE (URP, MRP and MMRP)
- c) District wise estimated number of person and per 1000 distribution of persons over broad activity status such as self-employed, regular wage-salary, casual-labour, unemployed and out of labour force for male, female and persons of age group 15-24 , 15+ and all age for PS+SS status
- d) District wise estimated number of person and per 1000 distribution of persons over broad activity status such as self-employed, regular wage-salary, casual-labour, unemployed and out of labour force for male, female and persons of age group 15-24 , 15+ and all age for CWS status
- e) District wise estimated number of person and per 1000 distribution of persons over broad activity status such as self-employed, regular wage-salary, casual-labour, unemployed and out of labour force for male, female and persons of age group 15-24 , 15+ and all age for CDS status

Layout of the Report

This report contains four chapters and two appendices including the present chapter giving the introduction and brief history of the report. A brief summary of finding is given in chapter II, pooled estimates of selected indicators of employment & unemployment and results of poolability test are given in chapter III. Results of poolability test and district level estimates of MPCE (URP, MRP and MMRP) based on pooled sample data related to Sch.1.0 are described in chapter IV. Detailed tables at districts level generated from the pooled data related to Sch.10 are given in chapter V. The scheduled 1.0 Type- I, Type-II and schedule 10 used for collecting information on household consumer expenditure and employment & unemployment are given in Appendix-A & Appendix-B.

Sample size of Punjab

Total sample size of Punjab State for central and state sample is given below:

Punjab-RURAL						
	Central sample			State sample		
Schedule	FSU surveyed	HH surveyed	Persons Surveyed	FSU surveyed	HH surveyed	Persons Surveyed
1.0 Type-I	196	1560	7832	196	1560	7761
1.0 Type-II	196	1558	7979	196	1560	7701
10	196	1560	7752	196	1560	7603
Punjab-URBAN						
	Central sample			State sample		
Schedule	FSU surveyed	HH surveyed	Persons Surveyed	FSU surveyed	HH surveyed	Persons Surveyed
1.0 Type-I	196	1555	6950	196	1560	7241
1.0 Type-II	196	1557	6964	196	1560	7308
10	196	1555	6811	196	1560	6989

Chapter-II

Summary of Findings

Run test (one sided) and Mean test was done over MPCE(URP, MRP, MMRP) for testing the Poolability of central and state sample data for urban and rural. Number of districts for which poolability was rejected by both the above mentioned tests is given below:-

Number of Districts for which Poolability was rejected over MPCE by run test using Z statistics (one sided) and Mean test

Type	Sector		
	Rural	Urban	Total Districts
Run Test			
URP	4	2	18
MRP	5	2	18
MMRP	5	2	18
Mean Test			
URP	6	2	18
MRP	4	2	18
MMRP	8	2	18

In the above table run test at 1% critical error the null hypothesis is rejected for 4,5 and 5 rural districts for URP, MRP and MMRP and rejection is 2,2 and 2 in case of urban districts for URP,MRP,MMRP respectively.

In the mean test at 0.5% critical error the null hypothesis is rejected for 6,4 and 8 rural districts for URP, MRP and MMRP and rejection is 2,2 and 2 in case of urban districts respectively.

Chapter-III

Results of Poolability Test

State: PUNJAB		Sector: RURAL [SCHEDULE 1.0 TYPE-I and TYPE-II]					
Test Used : RUN TEST							
Table-3.1 (R): District wise result of run test of MPCE(URP,MRP,MMRP) for pooled sample							
$Z_{0.01} = - 2.33$ [one sided test] reject if $z\text{-value} < Z_{0.01}$							
Dist code	District Name	URP		MRP		MMRP	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	-1.00269	Y	-1.51226	Y	-0.8753	Y
2	Amritsar	-3.85178	N	-5.28623	N	-5.04716	N
3	Kapurthala	-0.53243	Y	1.952245	Y	0.709907	Y
4	Jalandhar	-1.39734	Y	-1.11333	Y	-0.97132	Y
5	Hoshiarpur	-4.63094	N	-3.47321	N	-4.92037	N
6	Nawanshar	-0.70991	Y	-1.06486	Y	-1.24234	Y
7	Ropar	-6.21169	N	-6.9216	N	-6.38916	N
8	Fatehgarh sahib	0	Y	1.064861	Y	2.15008	Y
9	Ludhiana	-1.15774	Y	0	Y	-0.57887	Y
10	Moga	0	Y	0.354954	Y	-0.70991	Y
11	Ferozpur	-0.89904	Y	-0.36696	Y	1.2293	Y
12	Mukatsar	0	Y	-1.77477	Y	-0.35495	Y
13	Faridkot	4.91E-02	Y	-1.42426	Y	0.417456	Y
14	Bathinda	-1.67679	Y	-3.53824	N	0.184668	Y
15	Mansa	-2.3072	Y	-2.3072	Y	0.354954	Y
16	Sangrur	-3.0059	N	-2.50492	N	-3.38164	N
17	Patiala	-0.72358	Y	-1.30245	Y	-2.89434	N
18	Mohali	4.06E-02	Y	-0.65031	Y	-0.99579	Y

State: PUNJAB Sector: URBAN [SCHEDULE 1.0 TYPE-I and TYPE-II]

Test Used : RUN TEST

Table-3.1(U): District wise result of run test of MPCE(URP,MRP,MMRP) for pooled sample

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

Dist code	District Name	URP		MRP		MMRP	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	-1.44717	Y	-0.57887	Y	-1.44717	Y
2	Amritsar	-1.64444	Y	-0.81782	Y	0.732082	Y
3	Kapurthala	-1.77477	Y	-0.35495	Y	-1.41981	Y
4	Jalandhar	-2.58303	N	-2.13368	Y	-1.06531	Y
5	Hoshiarpur	-2.16095	Y	-2.16095	Y	-3.26598	N
6	Nawanshar	0.504016	Y	-0.50402	Y	-1.51205	Y
7	Ropar	-0.3935	Y	0.1574	Y	-0.11805	Y
8	Fatehgarh sahib	-4.84352	N	-2.89927	N	-2.77784	N
9	Ludhiana	0.718135	Y	-0.26489	Y	0.539403	Y
10	Moga	4.06E-02	Y	-1.34127	Y	-0.82305	Y
11	Ferozpur	0.289434	Y	-0.28943	Y	-0.28943	Y
12	Mukatsar	-0.17748	Y	-1.95224	Y	-1.24234	Y
13	Faridkot	-0.35495	Y	0	Y	0	Y
14	Bathinda	-0.88738	Y	-1.24234	Y	-1.59729	Y
15	Mansa	-0.50402	Y	-0.50402	Y	1.512048	Y
16	Sangrur	-0.57887	Y	-0.14472	Y	-0.14472	Y
17	Patiala	-0.8683	Y	-4.34151	N	-1.44717	Y
18	Mohali	0.177477	Y	0.709907	Y	1.242338	Y

State: PUNJAB**Sector: RURAL [SCHEDULE 10]****Test Used : CHI-SQUARE TEST**

Table-3.2 (R): District wise chi-square value of distribution of persons over worker, unemployed and out of labour force for pooled sample. $\chi^2_{.01} = 9.21$ df = 2 [one sided test]
reject if χ^2 -value > $\chi^2_{.01}$

Dist code	District Name	PS+SS		CWS		CDS	
		χ^2 -value	Accept	χ^2 -value	Accept	χ^2 -value	Accept
1	Gurdaspur	14.79304	N	52.40379	N	20.95942	N
2	Amritsar	20.29444	N	37.20707	N	12.74738	N
3	Kapurthala	1.376496	Y	3.314936	Y	1.958656	Y
4	Jalandhar	3.371698	Y	7.906484	Y	8.210531	Y
5	Hoshiarpur	18.20105	N	19.88304	N	16.37035	N
6	Nawanshar	7.130581	Y	8.959	Y	2.59504	Y
7	Ropar	3.286111	Y	7.769198	Y	7.254429	Y
8	Fatehgarh sahib	14.38275	N	14.30434	N	7.976825	Y
9	Ludhiana	20.50054	N	21.84778	N	18.56678	N
10	Moga	27.78814	N	12.45272	N	28.88322	N
11	Ferozpur	15.23427	N	16.46527	N	12.37381	N
12	Mukatsar	9.20437	Y	16.66728	N	9.130805	Y
13	Faridkot	19.07747	N	42.71103	N	45.63492	N
14	Bathinda	75.5147	N	38.66933	N	14.89295	N
15	Mansa	31.15678	N	42.77626	N	10.59641	N
16	Sangrur	56.63944	N	40.05885	N	51.59119	N
17	Patiala	25.8449	N	34.36126	N	6.897755	Y
18	Mohali	16.18376	N	14.35136	N	17.21642	N

State: PUNJAB**Sector: URBAN [SCHEDULE 10]****Test Used : CHI-SQUARE TEST**

Table-3.2 (U): District wise chi-square value of distribution of persons over worker, unemployed and out of labour force for pooled sample. $\chi^2_{.01} = 9.21$ df = 2 [one sided test]
reject if χ^2 -value > $\chi^2_{.01}$

Dist code	District Name	PS+SS		CWS		CDS	
		χ^2 -value	Accept	χ^2 -value	Accept	χ^2 -value	Accept
1	Gurdaspur	13.68701	N	27.36543	N	11.91248	N
2	Amritsar	32.33288	N	47.90358	N	45.98754	N
3	Kapurthala	4.952502	Y	8.41927	Y	2.114642	Y
4	Jalandhar	15.47064	N	20.19387	N	21.25022	N
5	Hoshiarpur	45.89827	N	27.79797	N	44.34066	N
6	Nawanshar	5.444834	Y	4.132877	Y	6.376972	Y
7	Ropar	7.751361	Y	6.359466	Y	9.373949	N
8	Fatehgarh sahib	5.31902	Y	20.95068	N	5.262598	Y
9	Ludhiana	8.849729	Y	157.3713	N	19.7722	N
10	Moga	0.907675	Y	17.31641	N	14.52396	N
11	Ferozpur	7.069921	Y	16.68419	N	15.46037	N
12	Mukatsar	1.23775	Y	4.037039	Y	3.127712	Y
13	Faridkot	12.71148	N	15.70856	N	9.704191	N
14	Bathinda	19.8337	N	16.71634	N	13.64516	N
15	Mansa	22.27289	N	10.13248	N	15.91302	N
16	Sangrur	18.54077	N	7.036606	Y	21.51521	N
17	Patiala	15.19765	N	22.42321	N	19.02143	N
18	Mohali	3.772507	Y	3.328322	Y	4.658727	Y

State: PUNJAB Sector: RURAL [SCHEDULE 1.0 TYPE-I and TYPE-II]

Test Used : MEAN TEST

Table-3.3(R): District wise test of MPCE difference(URP,MRP,MMRP) for pooled sample

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

Dist code	District Name	URP		MRP		MMRP	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	1.290563	Y	1.393346	Y	1.20244	Y
2	Amritsar	3.351576	N	2.45717	Y	4.19401	N
3	Kapurthala	1.277656	Y	1.827258	Y	1.01975	Y
4	Jalandhar	3.353344	N	7.805013	N	5.75422	N
5	Hoshiarpur	0.330935	Y	1.992981	Y	6.31598	N
6	Nawanshar	0.360501	Y	0.612287	Y	0.67933	Y
7	Ropar	8.318491	N	58.96397	N	3.95874	N
8	Fatehgarh sahib	1.211670	Y	1.131251	Y	1.47164	Y
9	Ludhiana	0.215351	Y	0.959699	Y	0.15201	Y
10	Moga	0.768817	Y	1.526002	Y	1.94300	Y
11	Ferozpur	2.365783	Y	0.399713	Y	0.08182	Y
12	Mukatsar	1.378144	Y	1.339296	Y	0.00505	Y
13	Faridkot	1.048491	Y	0.050111	Y	3.18912	N
14	Bathinda	8.542502	N	3.659088	N	1.07757	Y
15	Mansa	3.020784	N	1.613651	Y	1.46364	Y
16	Sangrur	0.010838	Y	1.793744	Y	5.30139	N
17	Patiala	8.908967	N	6.029312	N	2.83976	N
18	Mohali	1.173613	Y	0.358727	Y	1.22261	Y
All	Punjab	1.946707	Y	2.480771	Y	2.95871	N

State: PUNJAB		Sector: URBAN [SCHEDULE 1.0 TYPE-I and TYPE-II]					
Test Used : MEAN TEST							
Table-3.3(U): District wise test of MPCE difference(URP,MRP,MMRP) for pooled sample							
$Z_{0.005} = 2.575$ [one sided test] reject if absolute z-value $> Z_{0.005}$							
Dist code	District Name	URP		MRP		MMRP	
		Z-value	Accept	Z-value	Accept	Z-value	Accept
1	Gurdaspur	1.770027	Y	3.052975	N	3.65028	N
2	Amritsar	0.441504	Y	0.554423	Y	0.69867	Y
3	Kapurthala	0.916733	Y	0.838566	Y	0.82027	Y
4	Jalandhar	1.437893	Y	1.250857	Y	2.10520	Y
5	Hoshiarpur	0.869481	Y	1.8758	Y	0.57294	Y
6	Nawanshar	0.513493	Y	0.665304	Y	0.09801	Y
7	Ropar	10.059477	N	0.869732	Y	0.88322	Y
8	Fatehgarh sahib	10.350058	N	8.167039	N	5.17547	N
9	Ludhiana	0.824184	Y	0.743718	Y	0.65692	Y
10	Moga	0.283605	Y	0.614717	Y	0.11280	Y
11	Ferozpur	0.224602	Y	0.085817	Y	0.15606	Y
12	Mukatsar	0.071923	Y	0.82142	Y	0.40946	Y
13	Faridkot	0.462878	Y	0.291167	Y	1.70508	Y
14	Bathinda	0.267188	Y	0.610356	Y	0.25288	Y
15	Mansa	0.091089	Y	0.260233	Y	0.54243	Y
16	Sangrur	0.285090	Y	0.329917	Y	0.01029	Y
17	Patiala	1.339149	Y	1.639889	Y	2.13128	Y
18	Mohali	0.986228	Y	0.410942	Y	0.64075	Y
All	Punjab	0.903724	Y	1.26391	Y	0.11174	Y

Chapter-IV

Pooled Results of schedule 1.0

State: PUNJAB		Sector: RURAL [SCHEDULE 1.0 TYPE-I]								
Pooling method: MATCHING RATIO										
Table-4.1(R): District wise estimated no of households(00) and their RSEs for central, state and pooled sample										
Dist code	District Name	Estimated_households (00)			RSE of Estimated households			Sample households		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	3288	3052	3159	1.09	10.47	5.09	128	120	248
2	Amritsar	3202	3650	3428	5.83	1.66	2.86	128	160	288
3	Kapurthala	1119	1166	1143	9.07	2.35	4.60	64	64	128
4	Jalandhar	2346	2280	2314	6.17	1.08	3.17	96	104	200
5	Hoshiarpur	2773	2506	2639	4.07	5.28	3.30	96	96	192
6	Nawanshar	1010	1055	1033	2.48	16.33	8.43	64	64	128
7	Ropar	889	993	941	3.04	5.9	3.43	64	64	128
8	Fatehgarh sahib	723	680	701	4.53	4.16	3.09	64	64	128
9	Ludhiana	2499	2250	2374	2.84	1.88	1.74	96	96	192
10	Moga	1189	1421	1305	14.57	3.24	6.87	64	64	128
11	Ferozpur	2512	2803	2667	3.11	3.61	2.40	128	104	232
12	Mukatsar	989	1295	1142	5.33	0.99	2.38	64	64	128
13	Faridkot	781	748	758	5.84	11.77	6.54	64	56	120
14	Bathinda	1578	1633	1606	8.12	8.02	5.70	88	80	168
15	Mansa	1119	1127	1123	14.13	9	8.36	64	64	128
16	Sangrur	2581	2873	2727	4.96	0.84	2.39	128	128	256
17	Patiala	2153	2387	2270	5.32	1.13	2.59	96	96	192
18	Mohali	884	897	888	4.51	6.24	3.87	64	72	136
All	Punjab	31635	32816	32217	1.42	1.41	1.00	1560	1560	3120

State: PUNJAB		Sector: URBAN [SCHEDULE 1.0 TYPE-I]								
Pooling method: MATCHING RATIO										
Table-4.1(U): District wise estimated no of households(00) and their RSEs for central, state and pooled sample										
Dist code	District Name	Estimated_households (00)			RSE of Estimated households			Sample households		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	1049	530	789	1.35	28.7	9.68	96	96	192
2	Amritsar	2601	1786	2215	9.67	19.05	9.55	192	184	376
3	Kapurthala	768	407	588	19.26	13.7	13.44	64	64	128
4	Jalandhar	2842	1812	2327	13.93	4.16	8.66	158	160	318
5	Hoshiarpur	638	781	705	25.81	7.58	12.41	64	56	120
6	Nawanshar	336	119	227	16.19	19.87	13.07	32	32	64
7	Ropar	214	239	226	69.71	45.92	40.97	24	32	56
8	Fatehgarh sahib	250	339	292	36.07	7.07	15.98	31	40	71
9	Ludhiana	3967	2802	3385	11.03	15.72	9.17	254	248	502
10	Moga	276	302	287	20.52	10.63	11.34	64	72	136
11	Ferozpur	744	548	646	29.6	19.95	19.03	96	96	192
12	Mukatsar	364	230	297	40.65	18.33	25.90	64	64	128
13	Faridkot	508	232	370	17.9	0.32	12.29	64	64	128
14	Bathinda	844	594	710	2.62	11.86	5.20	64	64	128
15	Mansa	317	186	251	6.04	13.27	6.22	32	32	64
16	Sangrur	1031	1178	1104	10.98	5.61	5.94	96	96	192
17	Patiala	1551	1092	1322	34.46	4.54	20.30	96	96	192
18	Mohali	553	404	479	7.83	5.93	5.17	64	64	128
All	Punjab	18850	13580	16221	4.97	4.58	3.47	1555	1560	3115

State: PUNJAB**Sector: RURAL [SCHEDULE 1.0 TYPE-I]****Pooling method: MATCHING RATIO****Table-4.2(R): District wise estimated no of persons(00), sex ratio and their RSEs for central, state and pooled sample**

Dist code	District Name	Est persons(00)			RSE of Est persons			Sex ratio			RSE of Sex ratio		
		central	state	pooled	central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	16307	14558	15401	8.04	6.53	5.26	883	878	879	4.71	4.11	3.13
2	Amritsar	16770	17197	16793	1.36	8.87	4.59	928	808	886	2.81	18.3	8.47
3	Kapurthala	5006	5164	5085	1.23	2.83	1.56	949	834	889	18.32	5.86	10.16
4	Jalandhar	10296	10024	10192	4.79	8.46	4.81	923	986	951	6.66	8.35	5.40
5	Hoshiarpur	11355	10004	10680	7.3	0.25	3.88	861	878	869	11.78	0.16	5.84
6	Nawanshar	4429	4820	4625	10.19	25.28	14.05	981	1017	1000	1.66	24.5	12.48
7	Ropar	3860	4772	4316	5.43	2.7	2.85	825	762	789	10.52	9.89	7.28
8	Fatehgarh sahib	3328	3644	3486	9.4	5.93	5.45	870	881	876	3.19	3.74	2.46
9	Ludhiana	12408	12398	12403	6.56	7.66	5.04	862	921	891	7.44	4.29	4.23
10	Moga	5607	7052	6330	12.23	4.39	5.94	699	898	804	4.84	3.77	2.98
11	Ferozpur	12702	13815	13429	7.89	12.43	7.40	974	873	911	2.84	5.19	2.91
12	Mukatsar	4437	6686	5562	5.21	3.34	2.89	961	812	869	13.66	6.03	8.06
13	Faridkot	3976	3576	3748	9.89	10.69	7.32	843	845	851	1.13	12.76	6.36
14	Bathinda	6971	8160	7566	2.91	3.67	2.39	906	872	888	2.01	0.3	1.04
15	Mansa	5364	5483	5424	15.15	14.34	10.42	885	691	782	3.15	1.51	1.90
16	Sangrur	12282	15259	13770	4.1	8.39	5.00	806	821	815	9.8	6.76	5.92
17	Patiala	10216	12156	11186	4.79	4.86	3.43	783	841	814	4.96	7.19	4.41
18	Mohali	4504	5414	4905	0.6	17.89	9.88	895	827	861	18.96	6.31	10.31
All	Punjab	149817	160181	154899	1.71	2.28	1.44	879	858	870	1.88	2.54	1.57

State: PUNJAB**Sector: URBAN [SCHEDULE 1.0 TYPE-I]****Pooling method: MATCHING RATIO****Table-4.2(U): District wise estimated no of persons(00), sex ratio and their RSEs for central, state and pooled sample**

Dist code	District Name	Est persons(00)			RSE of Est persons			Sex ratio			RSE of Sex ratio		
		central	state	pooled	central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	4674	2510	3592	4.77	26.8	9.86	893	805	862	5.55	14.88	7.52
2	Amritsar	11119	9133	10167	9.68	6.89	6.13	847	792	820	1.24	4.74	2.38
3	Kapurthala	2954	1795	2374	24.22	17.73	16.49	807	861	827	3.28	15.56	8.26
4	Jalandhar	11008	7248	9128	5.9	2.65	3.71	955	746	866	0.64	17.04	7.35
5	Hoshiarpur	3082	3146	3103	33.1	4.98	16.63	974	1026	995	13.27	6.56	7.32
6	Nawanshar	1324	462	893	16.2	22.8	13.38	852	877	858	7.81	1.69	3.97
7	Ropar	879	998	939	77.66	50.21	45.09	828	868	849	0.89	8.46	4.35
8	Fatehgarh sahib	1060	1442	1255	29.59	2.66	12.59	1022	987	1007	4.81	4.88	3.42
9	Ludhiana	15614	12238	13905	10.32	16.43	9.27	733	759	744	0.68	3.95	2.04
10	Moga	1285	1379	1325	18.59	9.52	10.29	963	778	867	13.22	8.07	8.19
11	Ferozpur	3352	2566	2959	28.82	24.25	19.42	900	976	933	3.97	15.26	8.21
12	Mukatsar	1849	1083	1466	47.57	15.35	30.53	862	1013	915	7.14	4.08	4.05
13	Faridkot	2344	1031	1687	28.22	9.74	19.83	820	927	852	0.23	6.24	3.40
14	Bathinda	3812	2681	3220	9.57	8.03	6.58	779	921	820	2.67	16.09	9.12
15	Mansa	1585	866	1225	5.23	17.62	7.09	1156	1003	1100	0.68	2.5	1.19
16	Sangrur	5182	6200	5691	17.19	7.72	8.88	835	840	838	0.08	6.22	3.12
17	Patiala	7486	5486	6486	33.16	3.78	19.20	978	884	937	8.28	5.47	5.03
18	Mohali	2399	1864	2131	11.22	10.72	7.87	851	732	797	7.99	4.02	4.65
All	Punjab	81008	62130	71547	4.9	3.99	3.27	861	830	846	1.07	2.84	1.50

State: PUNJAB**Sector: RURAL [SCHEDULE 1.0 TYPE-I]****Table-4.3(R): District wise estimate of MPCE(MRP) for central, state and pooled sample**

Dist code	District Name	Central Sample			State Sample			Pooled_matching_ratio			Pooled_inverse_var		
		Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total
1	Gurdaspur	618.15	609.21	1227.36	927.13	645.12	1572.25	762.53	620.09	1382.62	776.90	613.88	1291.68
2	Amritsar	629.50	567.06	1196.56	952.66	723.30	1675.96	793.66	656.29	1449.95	819.82	630.40	1415.54
3	Kapurthala	688.67	1180.85	1869.52	662.03	882.25	1544.28	675.14	1029.23	1704.37	662.11	988.84	1702.14
4	Jalandhar	689.74	960.23	1649.97	656.17	633.54	1289.71	672.35	798.40	1470.75	666.66	677.00	1387.02
5	Hoshiarpur	808.06	935.62	1743.68	882.09	1080.96	1963.05	842.74	1003.70	1846.44	878.27	1080.95	1959.43
6	Nawanshar	608.67	1281.17	1889.84	740.39	857.31	1597.70	677.31	1060.29	1737.60	609.02	931.76	1689.27
7	Ropar	684.02	549.27	1233.29	973.70	1155.61	2129.31	844.15	884.46	1728.61	695.79	705.91	2111.72
8	Fatehgarh sahib	873.29	1090.91	1964.20	777.36	903.60	1680.96	823.16	993.01	1816.17	780.92	903.75	1682.10
9	Ludhiana	791.68	567.09	1358.77	653.01	840.31	1493.32	722.37	703.65	1426.02	673.58	602.93	1360.44
10	Moga	744.20	959.31	1703.51	858.38	624.77	1483.15	807.80	772.95	1580.75	858.35	635.95	1484.03
11	Ferozpur	610.54	717.87	1328.41	738.47	616.59	1355.06	680.95	667.33	1348.28	693.17	652.80	1340.07
12	Mukatsar	650.02	748.75	1398.77	636.90	514.17	1151.07	642.13	607.74	1249.87	644.74	599.94	1267.38
13	Faridkot	588.13	755.45	1343.58	767.31	563.08	1330.39	675.14	666.15	1341.29	731.95	564.60	1331.02
14	Bathinda	805.48	641.98	1447.46	628.59	575.23	1203.82	710.08	605.98	1316.06	799.56	580.86	1203.83
15	Mansa	701.73	641.20	1342.93	640.11	444.53	1084.64	670.58	541.79	1212.37	671.99	452.43	1120.52
16	Sangrur	813.79	893.19	1706.98	890.93	1053.47	1944.40	856.53	981.99	1838.52	818.42	965.48	1749.98
17	Patiala	764.05	857.45	1621.50	905.62	1077.12	1982.74	840.97	976.81	1817.78	901.99	1076.13	1977.88
18	Mohali	719.64	645.52	1365.16	755.30	683.03	1438.33	739.83	666.61	1406.44	744.99	682.83	1436.97
All	Punjab	12789.3	14602.10	27391.49	14046.10	13873.90	27920.10	13437.40	14236.40	27673.89	767.95	776.76	1527.52

State: PUNJAB**Sector: URBAN [SCHEDULE 1.0 TYPE-I]****Table-4.3(U): District wise estimate of MPCE(MRP) for central, state and pooled sample**

Dist code	District Name	Central Sample			State Sample			Pooled_matching_ratio			Pooled_Inverse_var		
		Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total
1	Gurdaspur	789.35	1026.5	1815.85	1162.59	828.31	1990.9	919.75	957.26	1877.01	830.17	1023.14	1815.87
2	Amritsar	795	1187.97	1982.97	957.52	858.15	1815.67	867.25	1029.03	1896.28	879.73	978.71	1878.93
3	Kapurthala	684.3	1166.91	1851.21	779.68	1269.22	2048.9	720.34	1205.57	1925.91	695.62	1195.90	1875.68
4	Jalandhar	739.48	1430.06	2169.54	703.68	796.23	1499.91	725.26	1178.4	1903.66	719.28	797.74	1500.17
5	Hoshiarpur	780.1	883.11	1663.21	892.35	1131.76	2024.11	836.88	1013.46	1850.34	891.93	1061.61	1968.54
6	Nawanshar	713.35	1511.19	2224.54	700.72	859.54	1560.26	710.08	1342.53	2052.61	704.95	863.34	1561.56
7	Ropar	853.78	868.02	1721.8	878.76	865.8	1744.56	867.06	866.84	1733.9	864.23	866.60	1721.80
8	Fatehgarh sahib	723.84	682.21	1406.05	1004.36	1317.78	2322.14	883.29	1061.39	1944.68	806.56	844.63	1827.35
9	Ludhiana	804.02	902.19	1706.21	567.52	917.05	1484.57	699.61	907.69	1607.3	602.55	916.28	1499.91
10	Moga	799.06	1330.88	2129.94	940.16	888.7	1828.86	877.16	1109.73	1986.89	834.34	923.62	1883.13
11	Ferozpur	662.37	1128.15	1790.52	859.89	893.06	1752.95	748.02	1026.22	1774.24	772.05	932.78	1761.08
12	Mukatsar	636.3	747.53	1383.83	671.26	607.36	1278.62	649.21	695.75	1344.96	654.89	683.88	1331.62
13	Faridkot	804.15	1339.48	2143.63	997.37	1211.87	2209.24	863.18	1300.49	2163.67	822.69	1247.20	2162.91
14	Bathinda	764.34	900.63	1664.97	911.66	1288.56	2200.22	806.13	1003.91	1810.04	811.51	1042.98	1855.20
15	Mansa	722.04	634.79	1356.83	806.65	617.22	1423.87	751.94	628.58	1380.52	780.70	626.90	1392.38
16	Sangrur	740.33	937.7	1678.03	800.41	937.32	1737.73	773.05	937.5	1710.55	784.86	937.50	1714.25
17	Patiala	1044.72	2388.8	3433.52	948.42	1363.17	2311.59	1003.99	1955.03	2959.02	1006.42	1428.92	2428.39
18	Mohali	909.98	1008.43	1918.41	835.54	1211.74	2047.28	877.43	1097.33	1974.76	873.78	1100.11	1978.26
All	Punjab	13966.5	20074.55	34041.06	15418.54	17862.84	33281.38	14579.63	19316.71	33896.34	806.73	1001.53	1815.87

State: PUNJAB

Sector: RURAL [SCHEDULE 1.0]]TYPE-I]

Table-4.4(R): District wise estimate of MPCE(URP) for central, state and pooled sample

Dist. code	District Name	Central Sample			State Sample			Pooled_matching_ratio			Pooled_inverse_var		
		Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total
1	Gurdaspur	618.15	758.72	1376.86	927.13	827.3	1754.43	762.53	784.31	1546.84	776.90	777.04	1491.34
2	Amritsar	629.5	584.75	1214.25	952.66	874.01	1826.67	793.66	734.59	1528.25	819.82	759.51	1580.66
3	Kapurthala	688.67	1032.64	1721.31	662.03	966.5	1628.52	675.14	999.05	1674.19	662.11	1032.09	1698.76
4	Jalandhar	689.74	1045.77	1735.51	656.17	751.78	1407.95	672.35	898.51	1570.87	666.66	916.00	1560.85
5	Hoshiarpur	808.06	1158.07	1966.13	882.09	1150.48	2032.58	842.74	1154.52	1997.25	878.27	1150.72	2030.10
6	Nawanshar	608.67	913.36	1522.03	740.39	889.03	1629.42	677.31	900.68	1577.99	609.02	913.30	1522.29
7	Ropar	684.02	687.49	1371.51	973.7	1201.57	2175.27	844.15	971.67	1815.83	695.79	1127.67	2171.84
8	Fatehgarh sahib	873.29	1050.15	1923.44	777.36	824.6	1601.96	823.16	932.27	1755.42	780.92	830.77	1602.15
9	Ludhiana	791.68	864.61	1656.28	653.01	939.72	1592.73	722.37	902.15	1624.52	673.58	896.61	1622.97
10	Moga	744.2	1055.84	1800.04	858.38	744.12	1602.49	807.8	882.2	1690	858.35	748.16	1603.45
11	Ferozpur	610.54	673.73	1284.26	738.47	736.58	1475.04	680.95	710.46	1391.41	693.17	701.36	1385.76
12	Mukatsar	650.02	767.66	1417.68	636.9	546.62	1183.52	642.13	634.8	1276.93	644.74	751.71	1369.08
13	Faridkot	588.13	653.3	1241.43	767.31	679.67	1446.98	675.14	666.98	1342.12	731.95	678.79	1427.13
14	Bathinda	805.48	741.23	1546.71	628.59	618.87	1247.46	710.08	675.24	1385.32	799.56	679.64	1308.67
15	Mansa	701.73	616.16	1317.88	640.11	455.51	1095.61	670.58	534.95	1205.53	671.99	525.83	1316.17
16	Sangrur	813.79	1190.17	2003.96	890.93	1116.6	2007.53	856.53	1149.41	2005.94	818.42	1124.61	2006.84
17	Patiala	764.05	937.23	1701.28	905.62	1089.39	1995.01	840.97	1019.91	1860.88	901.99	939.14	1940.80
18	Mohali	719.64	713.33	1432.98	755.3	898.27	1653.57	739.83	812.83	1552.66	744.99	897.75	1653.35
All	Punjab	707.51	858.02	1565.53	801.8	873.91	1675.71	756.37	866.17	1622.55	767.95	867.98	1633.52

State: PUNJAB**Sector: URBAN [SCHEDULE 1.0 TYPE-I]****Table-4.4(U): District wise estimate of MPCE(URP) for central, state and pooled sample**

Dist code	District Name	Central Sample			State Sample			Pooled_matching_ratio			Pooled_inverse_var		
		Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total
1	Gurdaspur	789.35	1354.47	2143.82	1162.59	1228.6	2391.2	919.75	1310.49	2230.25	830.17	1343.64	2165.73
2	Amritsar	795	1129.6	1924.6	957.52	1079.11	2036.63	867.25	1098.9	1966.15	879.73	1097.81	1993.51
3	Kapurthala	684.3	1340.58	2024.88	779.68	1493.67	2273.34	720.34	1398.43	2118.78	695.62	1395.29	2072.83
4	Jalandhar	739.48	1485.65	2225.12	703.68	921.11	1624.79	725.26	1261.51	1986.77	719.28	921.59	1632.02
5	Hoshiarpur	780.1	1111.21	1891.31	892.35	1293.73	2186.08	836.88	1207.47	2044.35	891.93	1284.99	2175.49
6	Nawanshar	713.35	1236.89	1950.24	700.72	990.38	1691.1	710.08	1173.08	1883.17	704.95	993.46	1691.64
7	Ropar	853.78	855.95	1709.73	878.76	1061.9	1940.66	867.06	965.42	1832.48	864.23	1057.29	1768.96
8	Fatehgarh sahib	723.84	837.34	1561.19	1004.36	1413.13	2417.48	883.29	1174.15	2057.44	806.56	1279.97	2392.03
9	Ludhiana	804.02	960.89	1764.91	567.52	998.97	1566.49	699.61	976.48	1676.09	602.55	995.99	1585.52
10	Moga	799.06	1314.36	2113.43	940.16	1029.56	1969.72	877.16	1175.26	2052.43	834.34	1057.27	1998.09
11	Ferozpur	662.37	1163.38	1825.75	859.89	1047.17	1907.06	748.02	1112.99	1861.01	772.05	1089.26	1876.01
12	Mukatsar	636.3	690.49	1326.79	671.26	669.45	1340.71	649.21	682.72	1331.93	654.89	671.28	1338.02
13	Faridkot	804.15	1467.77	2271.92	997.37	1416.24	2413.61	863.18	1452.03	2315.21	822.69	1430.27	2330.73
14	Bathinda	764.34	1127.57	1891.9	911.66	1198.64	2110.29	806.13	1120.27	1926.4	811.51	1175.77	2020.32
15	Mansa	722.04	730.75	1452.79	806.65	667.57	1474.22	751.94	708.43	1460.36	780.70	709.81	1462.64
16	Sangrur	740.33	960.87	1701.19	800.41	958.09	1758.5	773.05	959.36	1732.41	784.86	960.04	1726.74
17	Patiala	1044.72	2563.52	3608.24	948.42	1413.59	2362	1003.99	2077.18	3081.17	1006.43	1444.77	2424.17
18	Mohali	909.98	1124.14	2034.13	835.54	1578.14	2413.69	877.43	1322.66	2200.09	873.78	1214.17	2140.80
All	Punjab	793.97	1278.14	2072.11	815.87	1108.47	1924.35	802.49	1201.95	2004.43	806.73	1119.31	1938.62

State: PUNJAB**Sector: RURAL [SCHEDULE 1.0 TYPE-I]****Table-4.5(R): District wise estimate of RSE of Total MPCE for central, state and pooled sample**

Dist code	District Name	URP				MRP			
		central	state	Poolby_MR	Poolby_IV	central	state	Poolby_MR	Poolby_IV
1	Gurdaspur	11.7	13.92	9.46	9.02	8.71	14.2	8.95	7.46
2	Amritsar	11.64	6.34	5.98	5.67	11.02	8.58	6.73	6.87
3	Kapurthala	2.08	3.88	2.17	1.83	6.83	8.03	5.22	5.23
4	Jalandhar	4.11	4.74	3.11	3.12	2.39	1.86	1.57	1.48
5	Hoshiarpur	10.02	1.91	5.03	1.88	6.26	0.72	2.98	0.72
6	Nawanshar	0.96	18.26	9.44	0.96	20.92	16.72	13.73	13.10
7	Ropar	7.03	0.29	2.66	0.29	1.22	0.1	0.44	0.10
8	Fatehgarh sahib	13.79	0.4	7.56	0.40	12.72	0.97	6.89	0.97
9	Ludhiana	12.9	12.78	9.08	9.08	1.15	9.33	4.92	1.14
10	Moga	14.24	1.12	7.60	1.12	8.46	0.62	4.57	0.62
11	Ferozpur	4.58	3.74	2.90	2.90	3.32	3.69	2.47	2.47
12	Mukatsar	5.46	12.78	6.65	5.03	9.63	11.01	7.40	7.28
13	Faridkot	15.01	4.21	7.30	4.06	19.12	4.31	9.81	4.20
14	Bathinda	2.02	1.27	1.26	1.08	4.6	0.04	2.53	0.04
15	Mansa	0.49	6.69	3.05	0.49	11.06	5.5	6.60	4.94
16	Sangrur	14.77	7.2	8.21	6.47	3.3	6.16	3.60	2.91
17	Patiala	1.75	0.71	0.89	0.66	3.67	0.35	1.65	0.35
18	Mohali	13.11	0.36	6.05	0.36	14.8	1.93	7.25	1.91
All	Punjab	2.84	2.09	1.74	1.68	1.92	1.95	1.37	1.37

State :PUNJAB		Sector: URBAN [SCHEDULE 1.0 TYPE-I]							
Table-4.5(U): District wise estimate of RSE of Total MPCE for central, state and pooled sample									
Dist code	District Name	URP				MRP			
		central	state	Poolby_MR	Poolby_IV	central	state	Poolby_MR	Poolby_IV
1	Gurdaspur	1.94	5.58	3.13	1.83	0.03	2.88	1.53	0.03
2	Amritsar	10.34	7.73	6.45	6.19	12	10.22	7.96	7.79
3	Kapurthala	5.88	10.71	6.40	5.16	4.48	10.77	6.12	4.14
4	Jalandhar	18.65	2.82	10.51	2.79	24.67	0.71	14.06	0.71
5	Hoshiarpur	17.6	2.94	8.29	2.90	10.64	3.73	5.20	3.53
6	Nawanshar	25.85	1.36	13.40	1.36	44.84	2.83	24.32	2.82
7	Ropar	0.68	1.02	0.63	0.57	0.01	1.5	0.75	0.01
8	Fatehgarh sahib	5.22	0.59	2.01	0.59	5.41	3.55	2.88	3.06
9	Ludhiana	12.97	4.76	7.18	4.47	16.85	5.28	9.27	5.04
10	Moga	21.48	11.43	12.34	10.09	20.82	11.37	12.33	10.00
11	Ferozpur	15.59	11.73	9.73	9.38	21.65	11.62	12.34	10.24
12	Mukatsar	13.1	6.35	7.27	5.71	6.52	7.11	4.76	4.81
13	Faridkot	8.68	9.7	6.61	6.47	5.7	8.57	5.21	4.75
14	Bathinda	33.13	24.86	21.21	19.91	31.4	32	24.22	22.62
15	Mansa	10.98	11.73	8.05	8.02	13.83	12.4	9.33	9.24
16	Sangrur	7.89	8.51	5.80	5.79	8.4	6.53	5.29	5.16
17	Patiala	25.14	8.8	15.10	8.36	18.86	9.55	11.56	8.60
18	Mohali	10.03	13.52	8.75	8.08	11.14	11.21	7.94	7.91
All	Punjab	7.5	2.64	4.08	2.49	7.3	3.12	4.10	2.87

State: PUNJAB		Sector: RURAL [SCHEDULE 1.0 TYPE-II]								
Pooling method: MATCHING RATIO										
Table-4.6(R): District wise estimated no of households(00) and their RSEs for central, state and pooled sample										
Dist code	District Name	Estimated_households (00)			RSE of Estimated households			Sample households		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	3288	3052	3159	1.09	10.47	5.09	128	120	248
2	Amritsar	3202	3650	3428	5.83	1.66	2.86	128	160	288
3	Kapurthala	1119	1166	1143	9.07	2.35	4.60	64	64	128
4	Jalandhar	2346	2280	2314	6.17	1.08	3.17	96	104	200
5	Hoshiarpur	2773	2506	2639	4.07	5.28	3.30	96	96	192
6	Nawanshar	1010	1055	1033	2.48	16.33	8.43	64	64	128
7	Ropar	889	993	941	3.04	5.9	3.43	64	64	128
8	Fatehgarh sahib	723	680	701	4.53	4.16	3.09	62	64	126
9	Ludhiana	2499	2250	2374	2.84	1.88	1.74	96	96	192
10	Moga	1240	1421	1329	18.12	3.24	8.63	64	64	128
11	Ferozpur	2566	2879	2723	0.97	0.84	0.64	128	104	232
12	Mukatsar	989	1295	1142	5.33	0.99	2.38	64	64	128
13	Faridkot	781	748	758	5.84	11.77	6.54	64	56	120
14	Bathinda	1578	1633	1606	8.12	8.02	5.70	88	80	168
15	Mansa	1119	1127	1123	14.13	9	8.36	64	64	128
16	Sangrur	2581	2873	2727	4.96	0.84	2.39	128	128	256
17	Patiala	2153	2387	2270	5.32	1.13	2.59	96	96	192
18	Mohali	884	975	920	1.09	13.66	7.56	64	72	136
?	Punjab	31740	32970	32330	1.46	1.41	1.02	1558	1560	3118

State: PUNJAB		Sector: URBAN [SCHEDULE 1.0 TYPE-II]								
Pooling method: MATCHING RATIO										
Table-4.6(U): District wise estimated no of households(00) and their RSEs for central, state and pooled sample										
Dist code	District Name	Estimated_households (00)			RSE of Estimated households			Sample households		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	1049	531	789	1.46	28.5	9.63	96	96	192
2	Amritsar	2666	1822	2276	1.35	17.39	8.75	192	184	376
3	Kapurthala	768	407	588	9.06	13.7	13.44	64	64	128
4	Jalandhar	2842	1812	2327	19.26	4.16	8.66	159	160	319
5	Hoshiarpur	638	781	705	13.93	7.58	12.41	64	56	120
6	Nawanshar	336	119	227	25.81	19.87	13.07	32	32	64
7	Ropar	214	245	230	16.19	42.64	39.59	24	32	56
8	Fatehgarh sahib	250	339	292	69.71	7.07	15.98	32	40	72
9	Ludhiana	3967	2851	3407	36.07	14.77	8.91	254	248	502
10	Moga	278	303	288	11.03	10.3	10.91	64	72	136
11	Ferozpur	754	567	671	19.63	21.61	19.40	96	96	192
12	Mukatsar	370	230	300	30.47	18.33	26.57	64	64	128
13	Faridkot	508	233	371	41.56	0.27	12.26	64	64	128
14	Bathinda	844	604	717	17.9	13.32	5.82	64	64	128
15	Mansa	317	186	251	2.62	13.27	6.22	32	32	64
16	Sangrur	1031	1178	1104	6.04	5.61	5.94	96	96	192
17	Patiala	1551	1092	1322	10.98	4.54	20.30	96	96	192
18	Mohali	553	404	479	34.46	5.93	5.17	64	64	128
All	Punjab	18934	13702	16343	7.83	4.36	3.40	1557	1560	3117

State: PUNJAB **Sector: RURAL [SCHEDULE 1.0 TYPE-II]**

Pooling method: MATCHING RATIO

Table-4.7(R): District wise estimated no of persons(00), sex ratio and their RSEs for central, state and pooled sample

Dist code	District Name	Est. persons(00)			RSE of Est. persons			Sex ratio			RSE of Sex ratio		
		central	state	pooled	central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	15167	15018	15039	10.84	32.29	17.02	958	900	927	7.49	10.72	6.49
2	Amritsar	16721	16768	16895	7.75	37.08	18.80	901	850	886	2.61	7.75	3.95
3	Kapurthala	5266	5436	5351	17.26	3.97	8.73	931	1138	1031	3.1	3.59	2.43
4	Jalandhar	10942	11114	10997	1.27	5.81	3.00	836	1018	923	14.1	7.23	7.53
5	Hoshiarpur	12361	8833	10597	1.85	24.59	10.30	996	873	943	4.92	3.07	2.96
6	Nawanshar	4638	5323	4981	5.04	47.51	25.49	1022	1077	1051	10.49	28.76	15.59
7	Ropar	4441	4584	4513	3.31	26.78	13.70	854	843	849	6.21	10.25	5.97
8	Fatehgarh sahib	3825	3780	3803	29.17	8.11	15.21	1032	890	959	6.57	2.06	3.66
9	Ludhiana	13697	10724	12210	5.92	21.87	10.16	905	777	847	4.82	8.23	4.57
10	Moga	6174	6990	6577	46.45	16.67	23.53	937	842	885	5.74	2.65	3.29
11	Ferozpur	14065	14157	14125	11.15	65.61	33.34	761	940	871	2.35	4.09	2.43
12	Mukatsar	5461	5763	5612	22.28	33.39	20.28	1025	727	860	17.73	4.64	10.75
13	Faridkot	4543	3500	4013	21.86	13.94	13.79	728	781	758	9.61	3.5	4.95
14	Bathinda	7487	8342	7914	1.32	13.27	7.02	1010	763	872	7.57	7.29	5.42
15	Mansa	5338	4960	5149	36.99	41.17	27.58	922	739	830	14.12	13.11	9.78
16	Sangrur	13428	14785	14106	2.14	1.29	1.22	1015	839	919	1.44	3.34	1.72
17	Patiala	11056	10858	10957	0.14	5.4	2.68	815	736	775	2.2	0.07	1.16
18	Mohali	4057	6175	5098	3.18	42.84	25.98	765	921	848	17.95	9.97	9.74
All	Punjab	158666	32970	157935	3.8	9.96	5.31	906	864	888	1.78	2.04	1.35

State: PUNJAB		Sector: URBAN [SCHEDULE 1.0 TYPE-II]											
Pooling method: MATCHING RATIO													
Table-4.7(U): District wise estimated no of persons(00), sex ratio and their RSEs for central, state and pooled sample													
Dist code	District Name	Est. persons(00)			RSE of Est.persons			Sex ratio			RSE of Sex ratio		
		central	state	pooled	central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	4979	2343	3659	29.48	46.48	24.98	789	887	819	3.3	23.91	13.04
2	Amritsar	13197	9746	11649	23.67	33.19	19.30	768	781	778	10.06	17.97	10.30
3	Kapurthala	2894	1474	2184	10.52	47.57	17.50	818	918	850	24.11	21.6	16.45
4	Jalandhar	10654	7643	9149	31.38	50	27.75	781	745	766	11.49	11.87	8.22
5	Hoshiarpur	2891	3119	2984	38.55	24.09	22.52	832	884	857	24.85	9.21	12.96
6	Nawanshar	1326	500	913	2.68	31.58	8.86	845	877	854	23	29.71	19.03
7	Ropar	878	1062	971	95.25	25.03	45.19	1229	759	941	78.12	39.64	53.46
8	Fatehgarh sahib	1157	1512	1338	33.97	17.63	17.75	950	972	973	33.71	2.44	16.50
9	Ludhiana	14684	11596	13132	18.48	24.36	14.91	704	730	716	4.01	16.77	8.77
10	Moga	1358	1523	1439	3.3	1.67	1.79	844	932	888	10.07	1.31	4.83
11	Ferozpur	3777	2637	3246	54.06	36.53	34.78	994	873	939	43.4	25.7	25.89
12	Mukatsar	1785	1166	1473	40.56	30.43	27.37	847	977	897	43.88	17.15	22.73
13	Faridkot	2431	1205	1818	12.15	0.32	8.12	990	907	962	13.08	2.09	6.80
14	Bathinda	3096	2764	2934	8.66	9.81	6.50	954	801	879	22.04	4.47	12.13
15	Mansa	1410	811	1111	1.58	36.33	13.30	827	940	866	17.21	5.94	8.83
16	Sangrur	4897	5971	5434	29.98	1.18	13.52	927	703	797	15.66	7.72	9.72
17	Patiala	6854	5831	6343	57.94	12.46	31.82	920	878	900	33.93	8.08	17.78
18	Mohali	2376	1852	2114	30.31	29.73	21.44	737	961	828	6.25	9.2	6.02
All	Punjab	80644	13702	71891	9.72	9.68	6.90	817	804	812	4.85	4.87	3.43

State: PUNJAB**Sector: RURAL [SCHEDULE 1.0 TYPE-II]****Table-4.8(R): District wise estimate of MPCE(MMRP) for central, state and pooled sample**

Dist code	District Name	Central Sample			State Sample			Pooled_matching_ratio			Pooled_inverse_var		
		Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total
1	Gurdaspur	781.65	827.36	1609.01	1245.16	753.03	1998.18	1008.96	785.85	1794.81	1049.27	786.10	1828.03
2	Amritsar	744.76	625.15	1369.91	1268.09	889.75	2157.85	1004.69	756.56	1761.25	1123.42	830.38	1982.26
3	Kapurthala	813.75	1160.41	1974.16	782.05	883.01	1665.06	797.65	1019.5	1817.16	813.59	941.06	1758.33
4	Jalandhar	895.71	1242.24	2137.95	725.94	711.25	1437.19	811.68	978.05	1789.73	763.78	824.12	1915.41
5	Hoshiarpur	804.28	879.26	1683.54	1068.96	1142.14	2211.1	914.59	988.82	1903.41	844.67	1137.01	2189.75
6	Nawanshar	807.08	936.68	1743.75	810.65	770.48	1581.13	808.98	847.87	1656.85	807.08	936.68	1743.75
7	Ropar	750.4	773.84	1524.25	1020.31	1276.19	2296.5	887.5	1029	1916.5	974.92	966.73	1550.29
8	Fatehgarh sahib	923.58	1284.32	2207.9	1023.09	809.83	1832.92	973.05	1048.45	2021.5	940.30	810.84	1840.07
9	Ludhiana	836.65	1015.84	1852.49	830.59	951.4	1781.99	833.99	987.54	1821.53	836.52	1002.19	1841.44
10	Moga	722.69	699.02	1421.72	1074.78	905.7	1980.48	911.58	812.06	1723.64	784.68	780.10	1600.14
11	Ferozpur	705.81	799.6	1505.41	790.62	730.79	1521.42	746.59	759.34	1505.93	783.62	738.82	1520.07
12	Mukatsar	707.89	584.77	1292.65	711.16	580.46	1291.61	709.56	582.56	1292.12	707.93	582.94	1292.57
13	Faridkot	648.68	716.57	1365.25	978.1	814.76	1792.86	796	762.8	1558.8	669.53	727.98	1402.02
14	Bathinda	798.68	634.97	1433.65	722.43	602.51	1324.94	758.5	617.86	1376.36	723.58	631.25	1359.29
15	Mansa	794.92	717.46	1512.38	738.58	455.66	1194.24	767.78	591.37	1359.15	777.37	677.22	1439.48
16	Sangrur	847.07	846.33	1693.4	1071.37	1136.15	2207.52	964.61	998.21	1962.82	847.20	1092.13	1828.90
17	Patiala	839.69	916.17	1755.86	1107	1122.75	2229.75	972.13	1018.53	1990.66	1020.35	1079.98	2104.34
18	Mohali	900.96	793.27	1694.23	753.62	820.97	1574.59	812.88	801.95	1614.83	900.94	817.33	1580.15
All	Punjab	795.01	853.91	1648.92	966.98	868.53	1835.51	880.28	860.24	1740.51	872.77	862.09	1739.86

State: PUNJAB**Sector: URBAN [SCHEDULE 1.0 TYPE-II]****Table-4.8(U): District wise estimate of MPCE(MMRP) for central, state and pooled sample**

Dist code	District Name	Central Sample			State Sample			Pooled_matching_ratio			Pooled_inverse_var		
		Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total	Food	Non-food	Total
1	Gurdaspur	811.86	1070.85	1882.71	1443.16	1300.16	2743.31	1013.67	1144.29	2157.96	1032.89	1106.91	2056.05
2	Amritsar	946.71	996.6	1943.3	1239.7	972.2	2211.9	1064.74	979.51	2044.25	958.94	987.54	1999.39
3	Kapurthala	938.11	1530.81	2468.92	988.05	1664.89	2652.95	954.97	1576.07	2531.04	976.53	1664.39	2651.05
4	Jalandhar	1013.65	1503.21	2516.86	836.35	948.28	1784.63	939.59	1271.39	2210.98	959.23	1033.97	1921.62
5	Hoshiarpur	928.6	1059.95	1988.54	966.1	1292.47	2258.57	950.89	1195.63	2146.52	960.89	1215.67	2182.17
6	Nawanshar	826.87	867.42	1694.29	817.45	865.63	1683.08	824.29	866.93	1691.22	826.62	865.63	1684.31
7	Ropar	849.06	997.21	1846.28	849.95	1052.34	1902.28	851.66	1028.8	1880.46	849.68	1020.74	1863.60
8	Fatehgarh sahib	766.47	1140.7	1907.17	1173.7	1365.43	2539.13	994.94	1263.11	2258.05	934.52	1337.45	2336.96
9	Ludhiana	933.75	894.34	1828.09	930.4	1042.13	1972.53	931.78	957.71	1889.49	931.43	958.81	1910.41
10	Moga	934.63	1232.42	2167.05	1121.57	994.11	2115.68	1036.73	1110.69	2147.42	1096.37	998.96	2117.64
11	Ferozpur	805.03	1148.51	1953.54	985.15	1046.75	2031.9	871.53	1095.3	1966.82	983.29	1053.58	2028.44
12	Mukatsar	696.87	706.83	1403.7	767.02	683.74	1450.76	724.79	696.91	1421.7	735.12	691.66	1431.56
13	Faridkot	873.71	1331.66	2205.37	1111.63	1296.7	2408.33	952.57	1320.07	2272.65	909.66	1306.71	2224.80
14	Bathinda	921.02	1038.99	1960.01	1060.4	1096.34	2156.74	947.44	1023.56	1970.99	944.01	1069.16	2031.94
15	Mansa	793.14	764.06	1557.2	922.04	804.63	1726.67	840.22	778.88	1619.1	820.83	768.64	1581.97
16	Sangrur	848.92	1120.3	1969.22	897.62	1076.3	1973.92	875.68	1096.13	1971.8	878.99	1082.27	1972.98
17	Patiala	1159.36	1958.13	3117.49	1160.22	1276.57	2436.79	1159.76	1644.84	2804.6	1159.39	1450.63	2795.15
18	Mohali	987.98	1096.37	2084.35	875.54	1532.04	2407.58	938.73	1287.18	2225.91	910.48	1256.65	2237.70
All	Punjab	933.4	1175.39	2108.79	1022.47	1099.17	2121.65	969.68	1138.61	2108.29	968.53	1124.12	2116.05

State: PUNJAB		[SCHEDULE 1.0 TYPE-II]							
Table-4.9: District wise estimate of RSE of Total MPCE for central, state and pooled sample									
Dist code	District Name	RURAL				URBAN			
		central	state	Poolby_MR	Poolby_IV	central	state	Poolby_MR	Poolby_IV
1	Gurdaspur	15.09	10.71	9.02	8.78	5.62	7.68	5.46	4.60
2	Amritsar	12.09	4.11	5.33	3.94	9.04	15.46	9.40	7.82
3	Kapurthala	12.83	10	8.34	7.91	9.04	0.86	4.43	0.86
4	Jalandhar	3.21	7	3.40	2.96	12.46	8.43	7.87	7.06
5	Hoshiarpur	4.86	0.76	2.19	0.75	20.07	11.1	10.98	9.73
6	Nawanshar	0.04	15.14	7.22	0.04	6.37	2.25	3.38	2.12
7	Ropar	2.35	8.35	5.09	2.27	1.91	2.77	1.69	1.57
8	Fatehgarh sahib	11.43	1.92	6.30	1.89	5.28	2.72	2.70	2.44
9	Ludhiana	9.91	23.9	12.73	9.16	9.08	7.31	5.82	5.70
10	Moga	11.43	11.98	8.34	8.38	20.61	4.21	10.60	4.12
11	Ferozpur	12.44	3.73	6.50	3.57	25.13	5.19	12.76	5.08
12	Mukatsar	4.5	15.3	7.97	4.32	6.3	5.06	4.04	3.95
13	Faridkot	2.88	7.15	4.30	2.68	1.67	4.7	2.62	1.57
14	Bathinda	5.82	4.28	3.66	3.45	24	28.73	19.74	18.44
15	Mansa	6.88	15.98	8.00	6.35	7.67	16.72	9.65	6.98
16	Sangrur	2.94	3.77	2.47	2.34	20.75	10.34	11.58	9.25
17	Patiala	8.15	3.85	4.19	3.50	7.05	9.51	5.69	5.71
18	Mohali	5.64	1.34	3.03	1.30	16.67	15.19	11.33	11.26
ALL	Punjab	2.67	2.46	1.81	1.81	4.1	3.58	2.73	2.70

Chapter-V

Pooled Results of Schedule 10

State: Punjab		Sector: RURAL [SCHEDULE 10]								
Pooling method: MATCHING RATIO										
Table-5.1(R): District wise estimated no of persons(00) for central, state and pooled sample										
Dist code	District Name	Male (00)			Female(00)			Persons(00)		
		Central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	8762	9816	9203	7751	7109	7419	16513	16925	16622
2	Amritsar	7984	8850	8353	8084	7662	7782	16068	16512	16135
3	Kapurthala	2597	2410	2503	2818	2444	2631	5415	4853	5134
4	Jalandhar	5369	5346	5341	5870	4724	5291	11239	10070	10633
5	Hoshiarpur	6785	5770	6277	6498	4865	5681	13283	10635	11959
6	Nawanshar	2316	2381	2349	2265	2199	2232	4581	4580	4580
7	Ropar	1941	2377	2159	1786	1984	1885	3727	4360	4044
8	Fatehgarh sahib	1821	2121	1971	1927	1751	1839	3748	3871	3810
9	Ludhiana	6017	5776	5897	5466	4723	5094	11483	10498	10991
10	Moga	2916	3884	3397	2123	2934	2520	5039	6817	5917
11	Ferozpur	6360	6858	6587	5718	6201	5927	12078	13060	12513
12	Mukatsar	1976	3458	2717	2156	2995	2575	4132	6453	5292
13	Faridkot	2028	2011	1994	2039	1600	1811	4068	3611	3805
14	Bathinda	3783	4368	4075	3581	2926	3254	7364	7295	7329
15	Mansa	3045	2763	2904	2557	1955	2256	5602	4718	5160
16	Sangrur	6257	7663	6960	5696	6126	5911	11953	13789	12871
17	Patiala	5863	6587	6225	4583	6045	5314	10446	12632	11539
18	Mohali	2455	3087	2746	1986	2717	2310	4441	5803	5056
All	Punjab	78274	85526	81657	72904	70957	71733	151178	156483	153389

State: Punjab**Sector: URBAN [SCHEDULE 10]****Pooling method: MATCHING RATIO****Table-5.1(U): District wise estimated no of persons(00) for central, state and pooled sample**

Dist code	District Name	Male (00)			Female(00)			Persons(00)		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	2531	1291	1901	2245	1046	1636	4777	2337	3537
2	Amritsar	6638	4903	5831	6328	3540	5022	12966	8442	10853
3	Kapurthala	1742	842	1292	1378	878	1128	3120	1720	2420
4	Jalandhar	5840	4312	5088	4571	2977	3784	10411	7289	8872
5	Hoshiarpur	1311	1670	1480	1120	1303	1201	2431	2974	2682
6	Nawanshar	865	250	557	762	254	508	1627	504	1065
7	Ropar	440	551	496	448	394	421	888	945	917
8	Fatehgarh sahib	771	817	802	505	651	583	1276	1467	1386
9	Ludhiana	8065	6926	7517	6452	4712	5602	14516	11638	13119
10	Moga	648	714	675	634	600	615	1282	1314	1290
11	Ferozpur	1916	1512	1717	1674	1229	1453	3591	2740	3170
12	Mukatsar	824	599	711	706	473	596	1530	1073	1308
13	Faridkot	1375	555	965	980	452	716	2355	1006	1680
14	Bathinda	1989	1284	1625	1753	1068	1407	3741	2353	3032
15	Mansa	696	452	574	683	460	571	1379	912	1145
16	Sangrur	2593	3497	3045	2127	2668	2397	4720	6165	5442
17	Patiala	3878	3056	3468	3261	2719	2990	7138	5775	6458
18	Mohali	1126	960	1045	820	948	885	1946	1908	1930
All	Punjab	43247	34191	38790	36447	26370	31517	79694	60561	70306

State: Punjab**Sector: RURAL [SCHEDULE 10]****Pooling method: MATCHING RATIO****Table-5.2(R): District wise WPR per 1000(PS+SS) for central, state and pooled sample**

Dist code	District Name	Male			Female			Persons		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	465	502	487	228	29	133	354	304	329
2	Amritsar	566	529	541	198	33	116	381	299	336
3	Kapurthala	495	530	512	97	125	110	288	326	306
4	Jalandhar	492	636	565	111	42	81	293	357	324
5	Hoshiarpur	502	518	509	220	0	126	364	281	327
6	Nawanshar	559	466	512	203	30	118	383	257	320
7	Ropar	540	545	543	91	11	49	325	302	313
8	Fatehgarh sahib	535	519	526	162	5	87	343	287	314
9	Ludhiana	531	517	524	137	11	79	344	289	318
10	Moga	571	514	539	234	5	103	429	295	353
11	Ferozpur	588	566	576	189	11	98	399	303	350
12	Mukatsar	447	620	557	276	52	146	358	356	357
13	Faridkot	541	586	564	406	19	238	473	335	409
14	Bathinda	601	540	568	530	0	292	567	323	446
15	Mansa	576	693	632	573	14	331	575	412	500
16	Sangrur	507	518	513	327	8	162	421	292	352
17	Patiala	529	540	535	305	13	139	431	288	352
18	Mohali	589	573	579	254	15	118	439	312	368
All	Punjab	531	544	538	240	22	133	391	307	348

State: Punjab**Sector: URBAN [SCHEDULE 10]****Pooling method: MATCHING RATIO****Table-5.2(U): District wise WPR per 1000(PS+SS) for central, state and pooled sample**

Dist code	District Name	Male			Female			Persons		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	539	539	539	124	89	113	344	337	342
2	Amritsar	564	483	530	107	8	70	341	284	317
3	Kapurthala	501	586	529	122	13	80	334	294	319
4	Jalandhar	587	626	603	129	44	96	386	389	387
5	Hoshiarpur	516	452	479	105	0	49	326	254	287
6	Nawanshar	565	630	580	230	109	199	408	367	398
7	Ropar	531	490	508	12	11	11	269	291	280
8	Fatehgarh sahib	421	507	467	62	63	61	279	310	296
9	Ludhiana	608	627	616	73	52	64	370	394	380
10	Moga	550	574	560	132	33	87	344	327	335
11	Ferozpur	606	559	586	57	45	53	350	329	342
12	Mukatsar	525	539	533	78	13	52	319	307	313
13	Faridkot	516	457	499	162	40	124	369	270	339
14	Bathinda	681	519	618	194	44	138	453	303	395
15	Mansa	546	611	572	395	0	236	471	303	404
16	Sangrur	561	574	568	200	31	106	399	339	365
17	Patiala	539	501	523	160	15	94	366	272	324
18	Mohali	534	578	554	63	110	88	335	346	340
All	Punjab	568	558	563	124	36	87	365	331	350

State: Punjab		Sector: RURAL [SCHEDULE 10]								
Pooling method: MATCHING RATIO										
Table-5.3(R): District wise LFPR per 1000 for central, state and pooled sample										
Dist code	District Name	PS+SS			CWS			CDS		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	394	305	350	396	304	350	347	304	326
2	Amritsar	381	299	336	380	299	336	346	299	319
3	Kapurthala	289	330	308	293	321	306	278	321	298
4	Jalandhar	300	357	327	295	357	325	282	357	318
5	Hoshiarpur	378	281	335	376	281	334	336	281	312
6	Nawanshar	385	257	321	364	257	311	338	257	297
7	Ropar	334	302	317	334	302	317	318	302	309
8	Fatehgarh sahib	365	302	333	369	302	335	320	302	310
9	Ludhiana	358	289	325	358	289	325	333	289	312
10	Moga	447	295	361	447	295	361	401	295	341
11	Ferozpur	404	303	352	406	303	353	369	303	335
12	Mukatsar	363	356	359	352	356	354	299	356	334
13	Faridkot	476	335	410	478	329	409	391	329	362
14	Bathinda	569	323	447	564	323	444	431	323	377
15	Mansa	577	412	501	574	412	500	449	412	432
16	Sangrur	424	292	353	414	292	348	345	292	317
17	Patiala	435	289	355	420	289	348	349	289	316
18	Mohali	457	314	378	450	314	375	411	314	358
All	Punjab	401	308	354	398	308	352	349	308	328

State: Punjab		Sector: URBAN [SCHEDULE 10]								
Pooling method: MATCHING RATIO										
Table-5.3(U): District wise LFPR per 1000 for central, state and pooled sample										
Dist code	District Name	PS+SS			CWS			CDS		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	372	340	361	369	340	360	355	340	350
2	Amritsar	353	284	324	352	284	324	350	284	322
3	Kapurthala	353	300	334	349	300	332	349	300	332
4	Jalandhar	398	389	394	396	383	390	386	383	385
5	Hoshiarpur	358	254	301	358	254	301	353	254	298
6	Nawanshar	418	367	406	428	367	414	419	367	407
7	Ropar	269	298	284	269	291	280	269	291	280
8	Fatehgarh sahib	342	310	325	323	310	316	323	310	316
9	Ludhiana	398	394	396	398	393	395	395	393	394
10	Moga	365	327	345	360	327	343	351	327	338
11	Ferozpur	361	329	358	364	326	348	359	326	346
12	Mukatsar	321	307	314	321	307	314	309	307	308
13	Faridkot	390	270	354	385	270	350	371	270	341
14	Bathinda	463	303	401	463	303	401	428	303	380
15	Mansa	477	303	408	477	303	408	403	303	363
16	Sangrur	404	343	370	402	339	366	380	339	357
17	Patiala	394	276	341	396	276	342	387	276	338
18	Mohali	341	346	343	341	346	343	336	346	341
All	Punjab	383	332	361	382	330	360	373	330	354

State: Punjab		Sector: RURAL [SCHEDULE 10]								
Pooling method: MATCHING RATIO										
Table-5.4(R): District wise RSE of LFPR for central, state and pooled sample										
Dist code	District Name	PS+SS			CWS			CDS		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	0.9	4.53	2.04	4.1	4.91	3.15	0.24	12.46	5.81
2	Amritsar	9.85	10.11	7.17	9.73	10.11	7.11	15.46	8.18	9.22
3	Kapurthala	6	1.48	2.92	3.26	0.11	1.56	10.77	6.25	6.05
4	Jalandhar	8.21	4.78	4.58	9.61	4.78	5.09	2.94	4.13	2.66
5	Hoshiarpur	2.61	4.62	2.43	2.68	4.62	2.46	3.71	8.45	4.30
6	Nawanshar	1.24	3.18	1.47	3.88	3.18	2.62	9.97	8.63	6.79
7	Ropar	3.35	2.58	2.15	3.35	2.58	2.15	0.66	2.59	1.31
8	Fatehgarh sahib	6.58	1.67	3.68	4.87	1.67	2.79	2.96	0.79	1.58
9	Ludhiana	11.18	2.17	6.23	11.18	2.17	6.23	8.43	3.11	4.72
10	Moga	9.82	7.96	6.89	9.82	7.96	6.89	3.64	6.88	3.67
11	Ferozpur	18.68	3.95	10.85	18.21	3.95	10.61	5.36	5.42	3.84
12	Mukatsar	22.43	8.99	12.18	25.63	8.99	13.52	1.97	13.79	7.40
13	Faridkot	12.72	1.27	7.40	13.22	0.59	7.73	17.11	3.03	9.34
14	Bathinda	7.33	8.52	5.59	6.51	8.52	5.17	9.89	10.81	7.31
15	Mansa	8.75	7.74	5.96	9.3	7.74	6.22	3.45	0.63	1.82
16	Sangrur	1.36	1.5	1.03	1	1.5	0.87	2.1	0.45	1.16
17	Patiala	3.16	2.77	2.24	2.62	2.67	1.93	1.13	4.46	2.13
18	Mohali	6.17	2.17	3.76	4.88	2.17	3.07	3.8	0.37	2.19
All	Punjab	2.39	1.47	1.50	2.44	1.49	1.53	2.09	2.16	1.50

State: Punjab**Sector: URBAN [SCHEDULE 10]****Pooling method: MATCHING RATIO****Table-5.4(U): District wise RSE of LFPR for central, state and pooled sample**

Dist code	District Name	PS+SS			CWS			CDS		
		central	state	pooled	central	state	pooled	central	state	pooled
1	Gurdaspur	9.68	8.88	6.51	9	8.88	6.23	9	3.97	4.95
2	Amritsar	0.68	2.7	1.24	0.96	2.7	1.29	0.06	3.11	1.37
3	Kapurthala	21.38	11.38	12.40	21.32	11.38	12.33	13.27	10.3	8.38
4	Jalandhar	1.6	17.27	8.56	1.94	18.77	9.27	5.57	13.59	7.31
5	Hoshiarpur	5.17	1.53	3.14	5.34	1.53	3.24	2.32	2.59	1.76
6	Nawanshar	0.68	5.12	2.34	0.94	5.12	2.32	2.94	1.43	1.64
7	Ropar	3.39	8.92	4.95	3.39	5.54	3.31	6.04	9.9	5.91
8	Fatehgarh sahib	23.85	0.25	12.55	21.26	0.25	10.87	6.06	2.47	3.33
9	Ludhiana	3.48	1.96	2.00	3.45	2.07	2.02	0.86	1.24	0.75
10	Moga	2.73	5.61	3.03	1.32	5.61	2.76	3.06	7.25	3.85
11	Ferozpur	1.59	0.75	0.87	2.48	0.4	1.31	2.6	7.64	3.84
12	Mukatsar	11.98	12.4	8.62	11.98	12.4	8.62	0.64	18.51	9.23
13	Faridkot	3.53	2.83	2.22	2.5	2.83	1.76	9.75	4.6	5.61
14	Bathinda	5.3	0.43	3.06	5.3	0.43	3.06	0.21	1.92	0.79
15	Mansa	6.53	11.6	5.76	6.53	11.6	5.76	18.94	10.95	11.46
16	Sangrur	10.45	2.48	5.82	9.93	3.73	5.72	12.65	3.39	6.92
17	Patiala	2.47	0.43	1.44	2	0.43	1.17	6.57	1.99	3.85
18	Mohali	10.04	5.83	5.79	10.04	5.83	5.79	1.42	1.61	1.08
All	Punjab	1.48	2.49	1.39	1.44	2.69	1.45	1.48	2.09	1.25