

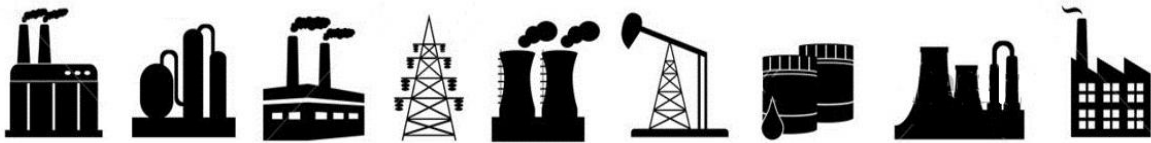
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**AUGUST-2014**



## **MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN THE PUNJAB**



**BUREAU OF STATISTICS**  
Planning & Development Department  
Government of the Punjab, Lahore  
[www.bos.gop.pk](http://www.bos.gop.pk)



## **PREFACE**

Bureau of statistics has been issuing this Monthly Survey of Industrial Production and Employment Report since October 1972. This report provides important statistics in respect of industrial production & employment, employment cost and other aspects of manufacturing activities e.g. consumption of raw material, export of industrial products, import of raw material and productivity of labour etc. These statistics are pre-requisite for sound economic planning as well as for measuring the performance/growth of the industrial sector (GDP estimates regarding industrial sector).

This report contains statistics regarding 46 important industries, manufacturing about almost selected items, contributing 72% of the total value added of large scale manufacturing sector in the province. This report covers more than 1700 industrial units from all over the Punjab.

This report gives information regarding General Index as compared to base period 2005-06, and comprehensive analytical note over the current status of the industrial growth at different sectors. Tables of production & employment give comparisons with the previous month and the same month of the previous year as well as comparisons among financial periods. Performance analysis of 13 major items pertaining to detailed tables & graphical explanation is given in this report.

All possible efforts have been made to incorporate the latest available data in this report. It is hoped that this report will be useful to the policy makers, planners, researchers and other users of industrial/economic data in public as well as private sector.

Suggestions for further improvements will be welcomed.

**(CH. SHAMIM RAFIQUE)**

**Director General  
Bureau of Statistics,  
Government of the Punjab**



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## **EXPLANATORY NOTE**

To have current information on production, employment and other aspects of manufacturing activities e.g. consumption of raw material, wages/salaries, export of industrial products, imports of raw material and productivity of labour etc. for economic planning, evaluation of industrial development and taking other policy related decisions, Government of the Punjab had decided in October 1972 to undertake a Monthly Survey on Industrial Production and Employment.

Prior to this Survey, the only data available on Industrial Statistics was the results of Census of Manufacturing Industries (CMI) that were available with the time lag of 2-3 years with a question mark on very high rate of non- response. This high rate of non-response affected the consistency of the results. Therefore, these results were of little use for current and future planning except for historical, research and academic interests/purposes. So Monthly Survey of Industrial Production and Employment was considered to be suitable for Economic Planning as well as for measuring the performance/growth of the industrial sector.

Only 15 industries and their 113 factories were selected to cover initially in October 1972. This report now contains statistics regarding 46 important industries, manufacturing about 100 selected items, contributing 72% of the total value added of large scale manufacturing sector in the province based on base year 2005-06 and covers more than 1700 industrial units from all over the Punjab.

### **Questionnaire**

Keeping in view the pre-determined purpose the data on Industrial Inputs (raw material), Outputs (finished products), Sales, exports, Stocks, Employment & Employment Cost etc. are designed on the available information from CMI returns. These Questionnaires have been pre-tested in some of the large units manufacturing the respective items.

### **Methodology**

Basically it is a mail enquiry. The respondents are the factory owners or the factory management (i.e. Accountants, Finance Manager, and Mill Manager etc.) The blank questionnaires of various industries are used to be mailed out to the factories for their use for the supply of the required information every month. About 60% to 70% questionnaires are received through mail. While the remaining non-responding industrial units are visited by the officers/officials of this Bureau during the third week of the following month for collection of requisite information.

## Editing

The received questionnaires are statistically examined for the accuracy and consistency by comparing the production and employment levels of the current month with previous month and same month of the last year. The information of the factories which could not be collected during the month due to the absence of the concerned person or due to other reason is estimated on the basis of the last months average production or the last month information is repeated.

## Tabulation

The information collected is tabulated on working sheets prepared for this purpose and also on computer for each industry/factory. Seven tables are prepared every month on production, total employment and production workers as well as comparisons are made with respect to last month, with same month of the last year and among current & previous financial years.

## General Index / Quantum Index of Manufacturing (QIM)

At present Punjab Bureau of Statistics is computing Index on Industrial Production using 2005-06 as base year. Index series is given in this report by using Laspayer's Index since 2006-07. This Bureau initially prepared Index Series using 1970-71 as base year. Later on the base year was shifted to 1980-81 & then in October 2011 the base year was sifted to 2005-06. Majority of some new items are included in the new index series due to their relative weight and some items were discarded due to their negligible weights.

### Formula of Quantum Index

$$QIM = \frac{\sum_{i=1}^n \frac{q_{im}}{q_{io}} w_i}{\sum_{i=1}^n w_i} \times 100$$

$q_{im}$  = Production of  $i^{\text{th}}$  item during the current month

$q_{io}$  = Average Production of the same  $i^{\text{th}}$  item in the base period (2005-06).

$w_i$  = Weight of the  $i^{\text{th}}$  item in the base year (2005-06).

$\sum w_i$  = total weight of 46 large scale industries in the base period with respect to the total value added of all the industries covered in CMI in the base year (2005-06).

## Final Product

Final product is a CIS report that contains QIM series, analytical note on the performance of Industrial Sector in the province, seven tables, and detailed performance report of some important industries as well.



## **User Agencies**

- (i) Ministry of Industries & Production, Government of the Pakistan, Islamabad.
- (ii) Pakistan Bureau of Statistics, Government of Pakistan, Islamabad.
- (iii) Provincial Bureaus of Statistics, Government of Sindh, KPK and Baluchistan.
- (iv) Planning & Development Department, Government of the Punjab.
- (v) Punjab Economic Research Institute (PERI).
- (vi) Department of Commerce & Industry, Government of the Punjab.
- (vii) State Bank of Pakistan

## **Some Important Definitions**

### **Factory**

An entity where manufacturing process is carried out on any day of the preceding thirty days and in any part of which manufacturing process is being carried on with or without the aid of power or through chemical process. It does not include the Mine subject which comes under the operation of Mines Act 1923.

### **Large Scale Manufacturing Industries**

Establishments where ten or more employees are working are classified as large scale industry.

### **Employment**

This item include all full time and part time employees on the payrolls of operating manufacturing establishment during any part of the pay period of the month specified on the questionnaire. It should include all the employees on paid sick leave paid holidays, and paid vacations. Proprietors and partners of unincorporated business may not be included.

### **Production Workers**

The “Production Workers” includes workers (up through the line-supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, ware-housing, shipping (but no delivering), maintenance, repair, product development, auxiliary production for plant’s own use (e.g., power plant). Record keeping and other services closely associated with these production operations at the establishment covered by the report.

### **Non-Production Workers**

The employees those are not involved directly in the manufacturing process are called non-production workers. e.g. Managers, Assistants, Clerks, Drivers, Peons, Malies and Chowkidars etc.

### **Employment Cost**

Wages and salaries of all employees including production and non-production workers is called employment cost.

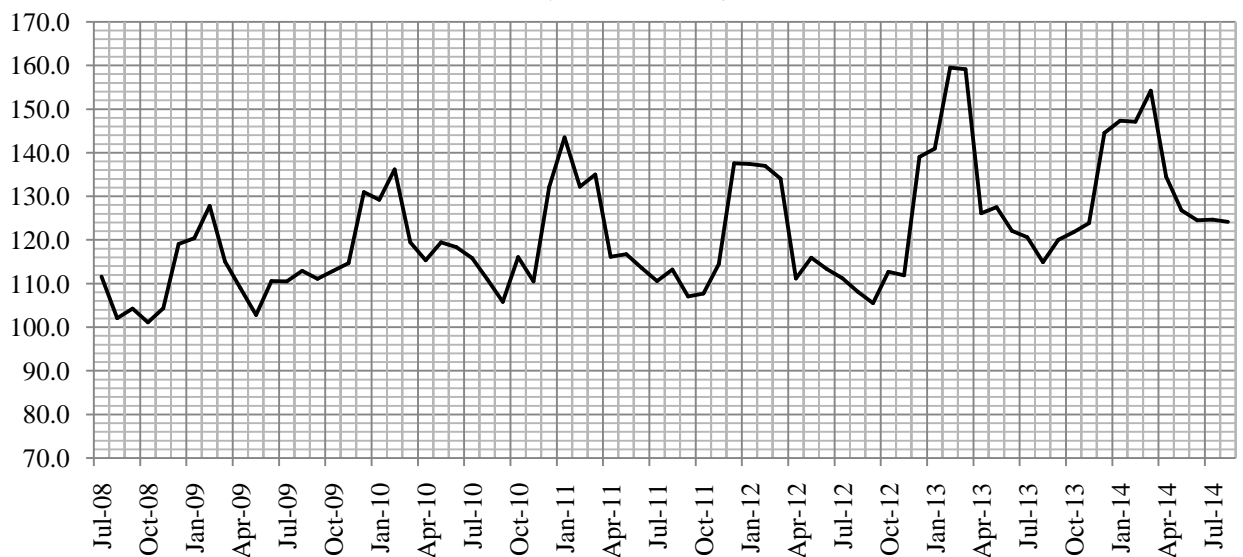


**TABLE OF GENERAL INDEX OF INDUSTRIAL PRODUCTION  
FOR THE PERIOD JULY-2008 – AUGUST-2014  
(2005-06=100)**

<b>MONTH/ YEARS</b>	<b>2008- 2009</b>	<b>2009 2010</b>	<b>2010- 2011</b>	<b>2011- 2012</b>	<b>2012- 2013</b>	<b>2013- 2014</b>	<b>2014- 2015</b>
<b>JULY</b>	111.6	110.5	115.8	110.5	112.1	120.6	124.6*
<b>AUG:</b>	101.6	112.4	110.5	112.7	108.1	114.9	124.1
<b>SEP:</b>	103.8	110.6	105.4	106.2	108.1	120.0	
<b>OCT:</b>	100.6	112.5	115.6	107.7	112.7	121.8	
<b>NOV:</b>	103.9	114.2	110.0	114.4	111.8	123.8	
<b>DEC:</b>	118.6	130.5	131.7	137.5	111.8	144.5	
<b>JAN:</b>	120.1	128.9	143.1	137.5	140.9	147.3	
<b>FEB:</b>	127.4	135.8	131.9	136.9	140.9	147.1	
<b>MAR:</b>	114.6	119.0	134.6	134.0	159.1	154.2	
<b>APR:</b>	108.5	114.9	115.4	111.3	126.4	134.5	
<b>MAY</b>	102.3	119.0	116.0	115.9	126.4	127.7	
<b>JUNE</b>	110.1	117.9	113.3	114.0	122.1	124.5	
<b>AVERAGE</b>	<b>110.2</b>	<b>118.9</b>	<b>120.3</b>	<b>119.8</b>	<b>125.4</b>	<b>131.7</b>	

\*=Revised

**Graph of Quantum Index of Manufacturing Industries.  
( 2005-06 = 100)**



*Figure: Graph of QIM for the period of July-2008 to August-2014*

## **ANALYTICAL NOTE**

### **INDUSTRIAL PRODUCTION AND EMPLOYMENT (AUGUST-2014)**

#### **Coverage**

This report covers 1780 industrial units pertaining to Large- Scale Industries, which contribute about 72% of the total Value Added of Large-Scale Manufacturing Sector in the Punjab.

#### **Industrial Production Index**

Industrial Production Index for the month of August-2014 stood at 124.1 against 124.6 and 114.9 as compared to July-2014 and August-2013 respectively. Index Series since July-2008 is given on previous table/page.

#### **Production August-2014 VS July-2014 (Table 1)**

Overall production during the month of August-2014 was 0.4 % lower than July-2014.

The production was lower in case of Soft Drinks (23.6%), Footwear (23.7%), Synthetic Fibre (11.3%), Petroleum Products (5.8%), Cement (6.0%), Diesel Engine (60.0%), Electric Fans (40.6%), Air Conditioners (53.8%), Refrigerators/Deep Freezers (46.8%) and Agricultural Implements (5.5%).

The production was higher in case of Dairy Products (16.3%), Wheat Milling (6.4%), Tea Blended (9.4%), Starch & Its Products (11.4%), Pharmaceuticals (5.3%), Fertilizers (10.6%), Paints & Varnishes (8.0%), Automobile Cars/Trucks (7.2%) and Bicycles (48.7%).

#### **Production August-2014 VS August-2013 (Table 2)**

Overall production during August-2014 was 8.0% higher than August-2013.

The production was lower in case of Soft Drinks & Juices (6.1%), Upper Leather (27.2%), Footwear (14.7%), Ply Wood (66.6%), Pharmaceuticals (14.1%), Fertilizers (5.5%), Synthetic Fibre (8.9%), Petroleum Products (6.1), Glass Sheets (13.4%), Diesel Engines (36.8), Electric Fans (7.4%), Switch Gears (11.5%) and Refrigerators/Deep Freezers (7.5%).

Higher production was observed in case of Dairy Products (44.5%), Wheat Milling (12.7%), Tea Blended (49.5%) , Cigarettes (96.7%), Cotton/M.M/Blended Yarn (9.2%), Woollen Textiles (9.3%), Paper & Paper Board (7.3%), Basic Inorganic Chemicals/Acids (11.7%), Paints & Varnishes (18.0%), Tyres & Tubes (5.8%), Cement (27.6%), Fabricated Metal Products/HMC (16.9%) , Tractors (80.6%), Automobiles Cars/Truks (8.5%), Bicycles (39.3%), Electric Motors (10.0%), Electric Meters (76.3%), Air-Conditioners (42.9%) and Safety Razor Blades (9.3%).

#### **Employment August-2014 VS July-2014 and August-2013 (Table 3)**

Total employment during August-2014 was 0.1% and 1.3% lower than July-2014 and August-2013 respectively.

**Table 1 Production Volume of Selected Items Regarding Selected Large-Scale Industries, August-2014 and July-2014**

Groups/ Items	No. of Units Covered in Aug: 2014	Weight with 2005-06 Base	Unit of Quantity	Production	
				Aug: 2014	July: 2014
<b>I Food Drinks &amp; Tobacco</b>	<b>777</b>				
<b>1 Veg. Ghee/Cooking Oil</b>	<b>54</b>	<b>5.00</b>	<b>M.Tons</b>	<b>51389</b>	<b>53281</b>
Veg. Ghee	54		M.Tons	44729	45131
Cooking Oil	18		M.Tons	6660	8150
<b>2 Dairy Products</b>	<b>7</b>	<b>4.13</b>			
i) Process/UHT Milk		1.62	Th.Ltrs	29269	26942
ii) Milk Powder		0.87	M.Tons	206	182
iii) Chees		0.01	M.Tons	38	21
iv) Butter/ Desi Ghee		0.33	M.Tons	334	108
v) Cream		1.04	M.Tons	213	217
vi) Yoghurt		0.26	M.Tons	0	0
<b>3 Wheat Milling</b>	<b>627</b>	<b>1.25</b>	<b>M.Tons</b>	<b>501452</b>	<b>471092</b>
<b>4 Sugar</b>	<b>46</b>	<b>3.77</b>	<b>M.Tons</b>	<b>0</b>	<b>0</b>
<b>5 Tea (Blended)</b>	<b>3</b>	<b>0.03</b>	<b>M.Tons</b>	<b>3671</b>	<b>3355</b>
<b>6 Starch &amp; its products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>32499</b>	<b>29164</b>
Starch			M.Tons	21917	18344
Glucose			M.Tons	10582	10820
<b>7 Soft Drinks &amp; Juices</b>	<b>35</b>	<b>0.82</b>	<b>Th.Ltrs</b>	<b>155421</b>	<b>203366</b>
i) 7-up Coca Cola etc.	20		Th.Ltrs	138857	183477
ii) Fruit Juices	18		Th.Ltrs	16542	18055
iii) Syrups & Squashes	4		Th.Ltrs	22	1834
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M.Nos</b>	<b>4001</b>	<b>3919</b>
<b>II Textiles</b>	<b>316</b>				
<b>1 Cotton Textiles</b>	<b>281</b>				
Cotton/M.M/Blended Yarn	238	15.40	M.Tons	126475	126010
Cloth/M.M/Blended Cloth	43	10.20	Th.Mtrs	42170	41893
<b>2 Woollen Textiles</b>	<b>27</b>	<b>0.52</b>	<b>M.Tons</b>	<b>282</b>	<b>287</b>
i) Woollen Yarn	17		M.Tons	113	120
ii) Knitting Wool			M.Tons	150	148
iii) Woollen & Worsted Cloth	16		M.Tons	19	19
iv) Carpets	5	0.77	Th.Mtrs	0	0
<b>3 Jute Textiles</b>	<b>8</b>	<b>0.28</b>	<b>M.Tons</b>	<b>6209</b>	<b>6250</b>
i) Jute Sacking			M.Tons	4509	4263
ii) Jute Hessian			M.Tons	850	827
iii) Jute Twine			M.Tons	850	1160
<b>III Leather Rubber &amp; Plastic</b>	<b>140</b>				
<b>1 Leather Tanning</b>	<b>100</b>				
i) Upper Leather	89	0.49	Th.Sq.Mtrs	804	837
ii) Sole Leather	11		M.Tons	23	26
<b>2 Footwear</b>	<b>40</b>	<b>0.90</b>	<b>Th.Pairs</b>	<b>3388</b>	<b>4438</b>
<b>IV Ply Wood</b>	<b>8</b>	<b>0.44</b>	<b>Th.Sq.Fts</b>	<b>907</b>	<b>897</b>
<b>V Paper &amp; Paper Board</b>	<b>46</b>	<b>4.19</b>	<b>M.Tons</b>	<b>60657</b>	<b>59490</b>
<b>1 Paper</b>				<b>17290</b>	<b>15030</b>
i) Writing			M.Tons	5356	5323
ii) Printing			M.Tons	8381	6205
iii) Packing & Others			M.Tons	3553	3502
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>43367</b>	<b>44460</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>128</b>				
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>			
i) Tablets	29	0.38	Th.Nos	195836	194753
ii) Liquids (Syrups & Drops)	28	0.48	Th.Ltrs	1286	1081
iii) Capsules	19	0.08	Th.Nos	19874	23551
iv) Injections	12	0.14	Th.Nos	12087	11394
v) Ointments	7	0.03	Kgs	18321	15277
vi) Galenicals	6	0.04	Th.Ltrs	3	22
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>7</b>	<b>1.34</b>		<b>73435</b>	<b>73363</b>
i) Caustic Soda	2		M.Tons	17442	15290
ii) Hydrochloric Acid	2		M.Tons	13251	14497
iii) Chlorine Liquids	2		M.Tons	1099	1085
iv) Soda Ash	2		M.Tons	39038	39038
v) Sulphuric Acid	5		M.Tons	2605	3453

Groups/ Items	No. of Units Covered in Aug: 2014	Weight with 2005-06 Base	Unit of Quantity	Production	
				Aug: 2014	July: 2014
<b>3 Fertilizers</b>	<b>6</b>	<b>7.18</b>	<b>M.Tons</b>	<b>233475</b>	<b>211112</b>
i) Urea	4		M.Tons	233225	210835
ii) Amm. Nitrate	1		M.Tons	0	0
iii) Amm. Sulphate			M.Tons	0	0
iv) Super Phosphate	1		M.Tons	250	277
v) Nitro Phosphate	1		M.Tons	0	0
<b>4 Paints &amp; Varnishes</b>	<b>11</b>	<b>0.65</b>		<b>7209</b>	<b>6673</b>
i) Paints			M.Tons	3369	3514
			Th.Ltrs	3799	3131
ii) Varnishes			M.Tons	3	3
			Th.Ltrs	38	25
<b>5 Tyres &amp; Tubes</b>	<b>7</b>	<b>0.12</b>	<b>Th.Nos</b>	<b>3438</b>	<b>3467</b>
i) Cycle Tyres				380	339
ii) Automobile Tyres				577	679
iii) Cycle Tubes				752	684
iv) Automobile Tubes				1729	1765
<b>6 Soap</b>	<b>53</b>	<b>0.07</b>	<b>M.Tons</b>	<b>17015</b>	<b>17576</b>
i) Toilet Soap	10			5085	5101
ii) Washing Soap	53			11930	12475
<b>7 Matches</b>	<b>3</b>	<b>0.00</b>	<b>M.Boxes</b>	<b>259</b>	<b>239</b>
<b>8 Synthetic Fibre</b>	<b>3</b>	<b>0.95</b>	<b>M.Tons</b>	<b>30735</b>	<b>34658</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>Th.Ltrs</b>	<b>510317</b>	<b>541793</b>
i) Petrol					
ii) J.P.					
iii) White Kerosene					
iv) H.S. Diesel					
v) Diesel Fuel					
Furnace Fuel					
Solvent Oil					
Lubricating Oil					
ix) Bitumen 80/100					
x) Blown Bitumen Products					
xi) Premium M.G.					
xii) Naphtha					
<b>VII Non-Metallic &amp; Mineral</b>	<b>20</b>				
<b>1 Glass Sheets</b>	<b>8</b>	<b>0.19</b>	<b>M.Tons</b>	<b>12497</b>	<b>12095</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>1343381</b>	<b>1429100</b>
<b>VII Engineering Products</b>	<b>345</b>				
<b>1 Steel Bars/ Angles</b>	<b>40</b>	<b>1.06</b>	<b>M.Tons</b>	<b>20000</b>	<b>19908</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>2</b>	<b>0.53</b>	<b>M.Tons</b>	<b>811</b>	<b>850</b>
<b>3 Tractors</b>	<b>3</b>	<b>0.86</b>	<b>Nos</b>	<b>3324</b>	<b>3300</b>
<b>4 Automobiles Cars/Truks</b>	<b>1</b>	<b>1.65</b>	<b>Nos</b>	<b>2039</b>	<b>1902</b>
<b>5 Diesel Engines</b>	<b>21</b>	<b>0.06</b>	<b>Nos</b>	<b>120</b>	<b>300</b>
<b>6 Motor Cycles</b>	<b>13</b>	<b>0.13</b>	<b>Nos</b>	<b>62906</b>	<b>61338</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos</b>	<b>18178</b>	<b>12226</b>
<b>8 Electric Fans</b>	<b>52</b>	<b>0.11</b>	<b>Nos</b>	<b>104518</b>	<b>176080</b>
i) Ceiling			Nos		
ii) Pedestal			Nos		
iii) Others			Nos		
<b>9 Electric Transformers</b>	<b>5</b>	<b>0.00</b>	<b>Nos</b>	<b>2572</b>	<b>2574</b>
<b>10 Electric Motors</b>	<b>17</b>	<b>0.52</b>	<b>Nos</b>	<b>814</b>	<b>779</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos</b>	<b>477</b>	<b>455</b>
<b>12 Washing Machine</b>	<b>17</b>	<b>0.00</b>	<b>Nos</b>	<b>15595</b>	<b>16600</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos</b>	<b>112184</b>	<b>81718</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos</b>	<b>5474</b>	<b>11845</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>4</b>	<b>0.31</b>	<b>Nos</b>	<b>36578</b>	<b>68735</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>M.Nos</b>	<b>94</b>	<b>90</b>
<b>17 Agricultural Implements</b>	<b>125</b>	<b>0.38</b>	<b>Nos</b>	<b>2543</b>	<b>2690</b>
i) Chaff Cutter	58			2510	2597
ii) Sugarcane Machines	37			4	4
iii) Wheat Thrashers	30			29	89
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>57</b>	<b>55</b>
i) Power Looms	21		Nos	50	46
ii) Bobbins	5		Th.Nos	0	0
iii) Shuttles	6		Th.Nos	5	5
<b>General Index</b>	<b>1780</b>	<b>72.14</b>		<b>124.1</b>	<b>124.6</b>

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<b>Index of Production in Aug: 2014 with July: 2014</b>
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**96.4**  
99.1  
81.7  
**116.3**  
108.6  
113.2  
181.0  
309.3  
98.2  
  
**106.4**  
  
**109.4**  
**111.4**  
119.5  
97.8  
**76.4**  
75.7  
91.6  
1.2  
**102.1**  
  
100.4  
100.7  
**98.3**  
94.2  
101.4  
100.0  
  
**99.3**  
105.8  
102.8  
73.3  
  
96.1  
  
**76.3**  
**101.1**  
**102.0**  
**115.0**  
100.6  
135.1  
101.5  
**97.5**  
  
**105.3**  
100.6  
119.0  
84.4  
106.1  
119.9  
13.6  
**100.1**  
114.1  
91.4  
101.3  
100.0  
75.4

**Index of  
Production in  
Aug: 2014 with  
July: 2014**

**110.6**  
110.6

90.3

**108.0**  
95.9  
121.3  
100.0  
152.0

**99.2**  
112.1  
85.0  
109.9  
98.0

**96.8**  
99.7  
95.6

**108.4**  
**88.7**  
**94.2**

**103.3**  
**94.0**

**100.5**  
95.4  
**100.7**  
**107.2**  
**40.0**  
**102.6**  
**148.7**  
**59.4**

**99.9**  
**104.5**  
**104.8**  
93.9  
**137.3**  
46.2  
53.2  
**104.4**  
**94.5**  
96.6  
100.0  
32.6  
**103.6**  
108.7

100.0  
**99.6**



**Table 2 Production Volume of Selected Items Regarding Selected Large-S Industries, August-2014 and August-2013**

Groups/ Items	No. of Units Covered in Aug: 2014	Weight with 2005-06 Base	Unit of Quantity	Production	
				Aug: 2014	Aug: 2013
<b>I Food Drinks &amp; Tobacco</b>	<b>777</b>				
<b>1 Veg. Ghee/Cooking Oil</b>	<b>54</b>	<b>5.00</b>	<b>M.Tons</b>	<b>51389</b>	<b>51403</b>
Veg. Ghee	54		M.Tons	44729	44774
Cooking Oil	18		M.Tons	6660	6629
<b>2 Dairy Products</b>	<b>7</b>	<b>4.13</b>			
i) Process/UHT Milk		1.62	Th.Ltrs	29269	20386
ii) Milk Powder		0.87	M.Tons	206	455
iii) Chees		0.01	M.Tons	38	70
iv) Butter/ Desi Ghee		0.33	M.Tons	334	118
v) Cream		1.04	M.Tons	213	96
vi) Yoghurt		0.26	M.Tons	0	0
<b>3 Wheat Milling</b>	<b>627</b>	<b>1.25</b>	<b>M.Tons</b>	<b>501452</b>	<b>444833</b>
<b>4 Sugar</b>	<b>46</b>	<b>3.77</b>	<b>M.Tons</b>	<b>0</b>	<b>0</b>
<b>5 Tea (Blended)</b>	<b>3</b>	<b>0.03</b>	<b>M.Tons</b>	<b>3671</b>	<b>2456</b>
<b>6 Starch &amp; its products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>32499</b>	<b>32721</b>
Starch			M.Tons	21917	21693
Glucose			M.Tons	10582	11028
<b>7 Soft Drinks &amp; Juices</b>	<b>35</b>	<b>0.82</b>	<b>Th.Ltrs</b>	<b>155421</b>	<b>165564</b>
i) 7-up Coca Cola etc.	20		Th.Ltrs	138857	153428
ii) Fruit Juices	18		Th.Ltrs	16542	11350
iii) Syrups & Squashes	4		Th.Ltrs	22	786
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M.Nos</b>	<b>4001</b>	<b>2004</b>
<b>II Textiles</b>	<b>316</b>				
<b>1 Cotton Textiles</b>	<b>281</b>				
i) Cotton/M.M/Blended Yarn	235	15.40	M.Tons	126475	115771
ii) Cloth/M.M/Blended Cloth	43	10.20	Th.Mtrs	42170	40209
<b>2 Woollen Textiles</b>	<b>27</b>	<b>0.52</b>	<b>M.Tons</b>	<b>282</b>	<b>258</b>
i) Woollen Yarn	17		M.Tons	113	67
ii) Knitting Wool			M.Tons	150	168
iii) Woollen & Worsted Cloth	16		M.Tons	19	23
iv) Carpets	5	0.77	Th.Mtrs	0	0
<b>3 Jute Textiles</b>	<b>8</b>	<b>0.28</b>	<b>M.Tons</b>	<b>6209</b>	<b>6083</b>
i) Jute Sacking			M.Tons	4509	4041
ii) Jute Hessian			M.Tons	850	1130
iii) Jute Twine			M.Tons	850	912
<b>III Leather Rubber &amp; Plastic</b>	<b>140</b>				
<b>1 Leather Tanning</b>	<b>100</b>				
i) Upper Leather	89	0.49	Th.Sq.Mtrs	804	1104
ii) Sole Leather	11		M.Tons	23	22
<b>2 Footwear</b>	<b>40</b>	<b>0.90</b>	<b>Th.Pairs</b>	<b>3388</b>	<b>3970</b>
<b>IV Ply Wood</b>	<b>8</b>	<b>0.44</b>	<b>Th.Sq.Fts</b>	<b>907</b>	<b>2718</b>
<b>V Paper &amp; Paper Board</b>	<b>43</b>	<b>4.19</b>	<b>M.Tons</b>	<b>60657</b>	<b>56513</b>
<b>1 Paper</b>				<b>17290</b>	<b>16672</b>
i) Writing			M.Tons	5356	6123
ii) Printing			M.Tons	8381	7551
iii) Packing & Others			M.Tons	3553	2998
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>43367</b>	<b>39841</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>128</b>				
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>			
i) Tablets	29	0.38	Th.Nos	195836	210465
ii) Liquids (Syrups & Drops)	28	0.48	Th.Ltrs	1286	1857
iii) Capsules	19	0.08	Th.Nos	19874	17580
iv) Injections	12	0.14	Th.Nos	12087	10779
v) Ointments	7	0.03	Kgs	18321	18361
vi) Galenicals	6	0.04	Th.Ltrs	3	5
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>7</b>	<b>1.34</b>		<b>73435</b>	<b>65725</b>
i) Caustic Soda	2		M.Tons	17442	15145
ii) Hydrochloric Acid	2		M.Tons	13251	16088
iii) Chlorine Liquids	2		M.Tons	1099	1320
iv) Soda Ash	2		M.Tons	39038	31686
v) Sulphuric Acid	5		M.Tons	2605	1486

Groups/ Items	No. of Units Covered in Aug: 2014	Weight with 2005-06 Base	Unit of Quantity	Production	
				Aug: 2014	Aug: 2013
<b>3 Fertilizers</b>	<b>6</b>	<b>7.18</b>	<b>M.Tons</b>	<b>233475</b>	<b>246967</b>
i) Urea	4		M.Tons	233225	235353
ii) Amm. Nitrate	1		M.Tons	0	730
iii) Amm. Sulphate			M.Tons	0	0
iv) Super Phosphate	1		M.Tons	250	582
v) Nitro Phosphate	1		M.Tons	0	10302
<b>4 Paints &amp; Varnishes</b>	<b>10</b>	<b>0.65</b>		<b>7209</b>	<b>6109</b>
i) Paints			M.Tons	3369	2462
			Th.Ltrs	3799	3616
ii) Varnishes			M.Tons	3	0
			Th.Ltrs	38	31
<b>5 Tyres &amp; Tubes</b>	<b>7</b>	<b>0.12</b>	<b>Th.Nos</b>	<b>3438</b>	<b>3248</b>
i) Cycle Tyres				380	362
ii) Automobile Tyres				577	522
iii) Cycle Tubes				752	676
iv) Automobile Tubes				1729	1688
<b>6 Soap</b>	<b>53</b>	<b>0.07</b>	<b>M.Tons</b>	<b>17015</b>	<b>17232</b>
i) Toilet Soap	10			5085	4846
ii) Washing Soap	53			11930	12386
<b>7 Matches</b>	<b>3</b>	<b>0.00</b>	<b>M.Boxes</b>	<b>259</b>	<b>273</b>
<b>8 Synthetic Fibre</b>	<b>3</b>	<b>0.95</b>	<b>M.Tons</b>	<b>30735</b>	<b>33735</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>Th.Ltrs</b>	<b>510317</b>	<b>543296</b>
i) Petrol					
ii) J.P.					
iii) White Kerosene					
iv) H.S. Diesel					
v) Diesel Fuel					
Furnace Fuel					
Solvent Oil					
Lubricating Oil					
ix) Bitumen 80/100					
x) Blown Bitumen Products					
xi) Premium M.G.					
xii) Naphtha					
<b>VII Non-Metallic &amp; Mineral</b>	<b>20</b>				
<b>1 Glass Sheets</b>	<b>8</b>	<b>0.19</b>	<b>M.Tons</b>	<b>12497</b>	<b>14436</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>1343381</b>	<b>1052612</b>
<b>VII Engineering Products</b>	<b>345</b>				
<b>1 Steel Bars/ Angles</b>	<b>40</b>	<b>1.06</b>	<b>M.Tons</b>	<b>20000</b>	<b>20421</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>2</b>	<b>0.53</b>	<b>M.Tons</b>	<b>811</b>	<b>694</b>
<b>3 Tractors</b>	<b>3</b>	<b>0.86</b>	<b>Nos</b>	<b>3324</b>	<b>1841</b>
<b>4 Automobiles Cars/Truks</b>	<b>1</b>	<b>1.65</b>	<b>Nos</b>	<b>2039</b>	<b>1880</b>
<b>5 Diesel Engines</b>	<b>21</b>	<b>0.06</b>	<b>Nos</b>	<b>120</b>	<b>190</b>
<b>6 Motor Cycles</b>	<b>13</b>	<b>0.13</b>	<b>Nos</b>	<b>62906</b>	<b>64386</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos</b>	<b>18178</b>	<b>13045</b>
<b>8 Electric Fans</b>	<b>52</b>	<b>0.11</b>	<b>Nos</b>	<b>104518</b>	<b>112884</b>
i) Ceiling			Nos		
ii) Pedestal			Nos		
iii) Others			Nos		
<b>9 Electric Transformers</b>	<b>5</b>	<b>0.00</b>	<b>Nos</b>	<b>2572</b>	<b>881</b>
<b>10 Electric Motors</b>	<b>17</b>	<b>0.52</b>	<b>Nos</b>	<b>814</b>	<b>740</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos</b>	<b>477</b>	<b>539</b>
<b>12 Washing Machine</b>	<b>17</b>	<b>0.00</b>	<b>Nos</b>	<b>15595</b>	<b>16344</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos</b>	<b>112184</b>	<b>63647</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos</b>	<b>5474</b>	<b>3831</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>4</b>	<b>0.31</b>	<b>Nos</b>	<b>36578</b>	<b>39546</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>M.Nos</b>	<b>94</b>	<b>86</b>
<b>17 Agricultural Implements</b>	<b>125</b>	<b>0.38</b>	<b>Nos</b>	<b>2543</b>	<b>2525</b>
i) Chaff Cutter	58			2510	2439
ii) Sugarcane Machines	37			4	28
iii) Wheat Thrashers	30			29	58
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>57</b>	<b>27</b>
i) Power Looms	21		Nos	50	23
ii) Bobbins	5		Th.Nos	0	0
iii) Shuttles	6		Th.Nos	5	4
<b>General Index</b>	<b>1780</b>	<b>72.14</b>		<b>124.1</b>	<b>114.9</b>

## cale

<b>Index of Production in Aug: 2014 with Aug: 2013</b>
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**100.0**

99.9

100.5

**144.5**

143.6

45.3

54.3

283.1

221.9

**112.7**

**149.5**

**99.3**

101.0

96.0

**93.9**

90.5

145.7

2.8

**199.7**

109.2

104.9

**109.3**

168.7

89.3

82.6

**102.1**

111.6

75.2

93.2

72.8

104.5

**85.3**

**33.4**

**107.3**

**103.7**

87.5

111.0

118.5

**108.9**

**85.9**

93.0

69.3

113.0

112.1

99.8

60.0

**111.7**

115.2

82.4

83.3

123.2

175.3

<b>Index of Production in Aug: 2014 with Aug: 2013</b>
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**94.5**  
99.1

43.0

**118.0**  
136.8  
105.1

122.6  
**105.8**  
105.0  
110.5  
111.2  
102.4  
**98.7**  
104.9  
96.3  
**94.9**  
**91.1**  
**93.9**

**86.6**  
**127.6**

**97.9**  
**116.9**  
**180.6**  
**108.5**  
**63.2**  
**97.7**  
**139.3**  
**92.6**

**291.9**  
**110.0**  
**88.5**  
**95.4**  
**176.3**  
**142.9**  
**92.5**  
**109.3**  
**100.7**  
102.9  
14.3  
50.0  
**211.1**  
217.4

125.0
<b>108.0</b>

**Table 3 Total Employment Regarding Selected Large-Scale Industries,  
July-2014, August-2014 and August-2013**

Groups/ Items	No. of Units Covered in Aug: 2014	July: 2014	Aug: 2014	Aug: 2013	Index of E
					Aug: 2014 with July: 2014
<b>I Food Drinks &amp; Tobacco</b>	<b>777</b>				
1 Veg. Ghee/Cooking Oil	54	3912	3935	3833	100.6
2 Dairy Products	7	1936	1927	1877	99.5
3 Wheat Milling	627	8260	8362	8144	101.2
4 Sugar	46	19346	19655	21426	101.6
5 Tea (Blended)	3	824	825	754	100.1
6 Starch & Its Products	2	2056	2057	2032	100.0
7 Soft Drinks & Juices	35	8390	8310	8303	99.0
8 Cigarettes	3	909	906	908	99.7
<b>II Textiles</b>	<b>316</b>				
1 Cotton Textiles	281	172977	171848	171548	99.3
2 Woollen Textiles	27	1321	1317	1635	99.7
3 Jute Textiles	8	7170	7218	8957	100.7
<b>III Leather Rubber &amp; Plastic Products</b>	<b>140</b>				
1 Leather Tanning	100	2524	2517	2039	99.7
2 Footwear	40	9179	9402	10470	102.4
<b>IV Plywood</b>	<b>8</b>	241	232	298	96.3
<b>V Paper &amp; Paper Board</b>	<b>46</b>				
1 Paper & Paper Board	46	6241	6155	5852	98.6
<b>VI Chemicals &amp; Petroleum Products</b>	<b>128</b>				
1 Pharmaceuticals	36	7249	7321	7386	101.0
2 Basic Inorganic Chemicals	7	2528	2521	2519	99.7
3 Fertilizers	6	4597	4609	4892	100.3
4 Paints & Varnishes	11	1775	2103	1772	118.5
5 Tyres & Tubes	7	1196	1190	1178	99.5
6 Soap	53	1794	1762	1791	98.2
7 Matches	3	244	247	252	101.2
8 Synthetic Fibre	3	814	813	1109	99.9
9 Petroleum Products	2	1083	1083	1081	100.0
<b>VII Non-Metallic &amp; Mineral Products</b>	<b>20</b>				
1 Glass Sheets	8	978	978	1025	100.0
2 Cement	12	6475	6497	6489	100.3
<b>VII Engineering Products</b>	<b>345</b>				
1 Steel Bars/ Angles	40	1299	1299	1213	100.0
2 Fabricated Metal Products/HMC	2	633	627	705	99.1
3 Tractors	3	667	666	677	99.9
4 Automobile Cars/Truks	1	1102	1100	1090	99.8
5 Diesel Engines	21	156	156	152	100.0
6 Motor Cycles	13	2438	2419	2400	99.2
7 Bicycles	3	1159	1159	1265	100.0
8 Electric Fans	52	2240	2228	2266	99.5
9 Electric Transformers	5	6263	6263	6355	100.0
10 Electric Motors	17	63	63	65	100.0
11 Electric Meters	4	1189	1190	1300	100.1
12 Switch Gears	3	6	6	6	100.0
13 Washing Machines	17	157	154	160	98.1
14 Air-Conditioners	5				
15 Refrigerators/Deep Freezers	4	2065	2065	2006	100.0
16 Safety Razor Blades	1	557	554	494	99.5
17 Agricultural Implements	125	500	503	532	100.6
18 Textiles Machinery	29	182	181	186	99.5
<b>Total</b>	<b>1780</b>	<b>294695</b>	<b>294423</b>	<b>298442</b>	<b>99.9</b>

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mployment

**Aug: 2014  
with Aug: 2013**

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102.7  
102.7  
102.7  
91.7  
109.4  
101.2  
100.1  
99.8

100.2  
80.6  
80.6

123.4  
89.8  
77.9

105.2

99.1  
100.1  
94.2  
118.7  
101.0  
98.4  
98.0  
73.3  
100.2

95.4  
100.1

107.1  
88.9  
98.4  
100.9  
102.6  
100.8  
91.6  
98.3  
98.6  
96.9  
91.5  
100.0  
96.3

102.9  
112.1  
94.5  
97.3

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**98.7**

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**Table 4 Total Number of Production Workers Regarding Selected Large-Scale July-2014, August-2014 and August-2013**

Groups/ Items	No. of Units Covered in Aug: 2014	July: 2014	Aug: 2014	Aug: 2013	Index of Er
					Aug: 2014 with July: 2014
<b>I Food Drinks &amp; Tobacco</b>	<b>777</b>				
1 Veg. Ghee/Cooking Oil	54	2691	2696	2641	100.2
2 Dairy Products	7	1158	1263	796	109.1
3 Wheat Milling	627	5161	5194	5077	100.6
4 Sugar	46	11794	12038	13906	102.1
5 Tea (Blended)	3	537	541	486	100.7
6 Starch & Its Products	2	1367	1367	1340	100.0
7 Soft Drinks & Juices	35	4730	4688	3775	99.1
8 Cigarettes	3	801	799	802	99.8
<b>II Textiles</b>	<b>316</b>				
1 Cotton Textiles	281	146361	145309	145489	99.3
2 Woollen Textiles	27	1051	1049	1387	99.8
3 Jute Textiles	8	5515	6700	8439	121.5
<b>III Leather Rubber &amp; Plastic Products</b>	<b>140</b>				
1 Leather Tanning	100	1819	1815	1325	99.8
2 Footwear	40	7131	7317	8422	102.6
<b>IV Plywood</b>	<b>8</b>	159	161	193	101.3
<b>V Paper &amp; Paper Board</b>	<b>46</b>				
1 Paper & Paper Board	46	4153	4112	3941	99.0
<b>VI Chemicals &amp; Petroleum Products</b>	<b>128</b>				
1 Pharmaceuticals	40	3541	3051	3215	86.2
2 Basic Inorganic Chemicals	7	1848	1841	1746	99.6
3 Fertilizers	6	2865	2945	3157	102.8
4 Paints & Varnishes	11	783	880	682	112.4
5 Tyres & Tubes	7	987	983	971	99.6
6 Soap	53	1211	1205	1220	99.5
7 Matches	3	197	202	194	102.5
8 Synthetic Fibre	3	600	600	905	100.0
9 Petroleum Products	2	731	730	720	99.9
<b>VII Non-Metallic &amp; Mineral Products</b>	<b>20</b>				
1 Glass Sheets	8	818	818	690	100.0
2 Cement	12	4572	4628	4610	101.2
<b>VIII Engineering Products</b>	<b>345</b>				
1 Steel Bars/ Angles	40	920	920	865	100.0
2 Fabricated Metal Products/HMC	2	421	418	458	99.3
3 Tractors	3	384	384	387	100.0
4 Automobile Cars/Truks	1	840	840	850	100.0
5 Diesel Engines	21	101	101	97	100.0
6 Motor Cycles	13	2231	2202	2179	98.7
7 Bicycles	3	1099	1098	1217	99.9
8 Electric Fans	52	1781	1750	1837	98.3
9 Electric Transformers	5	5170	5170	5224	100.0
10 Electric Motors	17	54	54	56	100.0
11 Electric Meters	4	1038	1038	1168	100.0
12 Switch Gears	3	4	4	4	100.0
13 Washing Machines	17	96	94	96	97.9
14 Air-Conditioners	5				
15 Refrigerators/Deep Freezers	4	1668	1668	1632	100.0
16 Safety Razor Blades	1	458	456	410	99.6
17 Agricultutal Implements	125	413	417	434	101.0
18 Textiles Mechinery	29	141	141	133	100.0
<b>Total</b>	<b>1780</b>	<b>229400</b>	<b>229687</b>	<b>233176</b>	<b>100.1</b>

## Industries,

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mployment

Aug: 2014 with Aug: 2013
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102.1

158.7

102.3

86.6

111.3

102.0

124.2

99.6

99.9

75.6

79.4

137.0

86.9

83.4

104.3

94.9

105.4

93.3

129.0

101.2

98.8

104.1

66.3

101.4

118.6

100.4

106.4

91.3

99.2

98.8

104.1

101.1

90.2

95.3

99.0

96.4

88.9

100.0

97.9

102.2

111.2

96.1

106.0

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**98.5**

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**ANNEXURE-I**

**TELEPHONE NUMBERS**

**BUREAU'S HEADQUARTERS OFFICE LAHORE & FIELD FORMATIONS**

<b>Name of Officer</b>	<b>Designation</b>	<b>Telephone #</b>
Shamim Rafique	Director General	042-99212577-78 Fax # 042-99212579
Sajid Rasul	Director (Admn.)	042-99212590
<b>CIS Division</b>		
Bashir Ahmad	Deputy Director	042-99212583
Muhammad Arif Aziz	Statistical Officer	-do-
Rizwan Farooq	Statistical Officer	-do-
Zaheer Babar	Statistical Officer	-do-
Sana Ashraf	Statistical Officer	-do-

**Bureau's Field Formations**

<b>Designation</b>	<b>Address</b>	<b>Telephone #</b>
Deputy Director	ToshaKhana Near Cholistan Development Authority, <b>Bahawalpur</b>	062-9250193
Deputy Director	House No. 394 Block C Khyaban-e- Sarwar, <b>Dera Ghazi Khan</b>	064-9260356
Deputy Director	2nd Floor Azam Plaza, Near Passport Office, Bukhari Road, <b>Gujranwala</b>	055-9200419
Deputy Director	659-K, Gulistan Colony No.1 <b>Faisalabad</b>	041-9210210
Deputy Director	Near Circuit House, <b>Multan</b>	061-9200930
Deputy Director	Abad Complex Murree Road, <b>Rawalpindi</b>	051-9290396
Deputy Director	House No.239, Street No.2,Near Post Office, Pir Muhammad Colony, University Road, <b>Sargodha</b>	048-3210566
Deputy Director	34-H Shadman, <b>Sahiwal</b>	0404-455009
Assistant Director	House No. 24, Z-Block, Model Town, <b>Bahawalnagar</b>	063-924004
Assistant Director	Near Ali Hospital, Ward No.7, Mandi Town, <b>Bhakkar</b>	0453-9200338
Assistant Director	Near Sui Gas Office, 2 <sup>nd</sup> Floor P.M.U Building Rawalpindi Road, <b>Chakwal</b>	0543-554086
Assistant Director	House No. 47-C Gulberg Colony, <b>Kasur</b>	049-2720870
Assistant Director	House No. 25/B, Housing Scheme No.2, <b>Layyah</b>	0606-412033
Assistant Director	Main Christian Town, Near Gharana Factory, <b>Sialkot</b>	052-4261219
Assistant Director	Opposite Govt. Vocational College, Nabi Pura ,Hiran Minar Road, <b>Sheikhupura</b>	056-3780780