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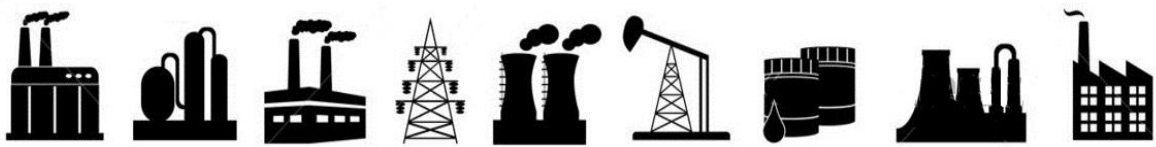
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**AUGUST 2022**



**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 2000 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.

**(SAJID RASUL)**  
**Director General**  
**Bureau of Statistics,**  
**Government of the Punjab**

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I  
**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 (C.M.I) 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 2000 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

## **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, warehousing, 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.

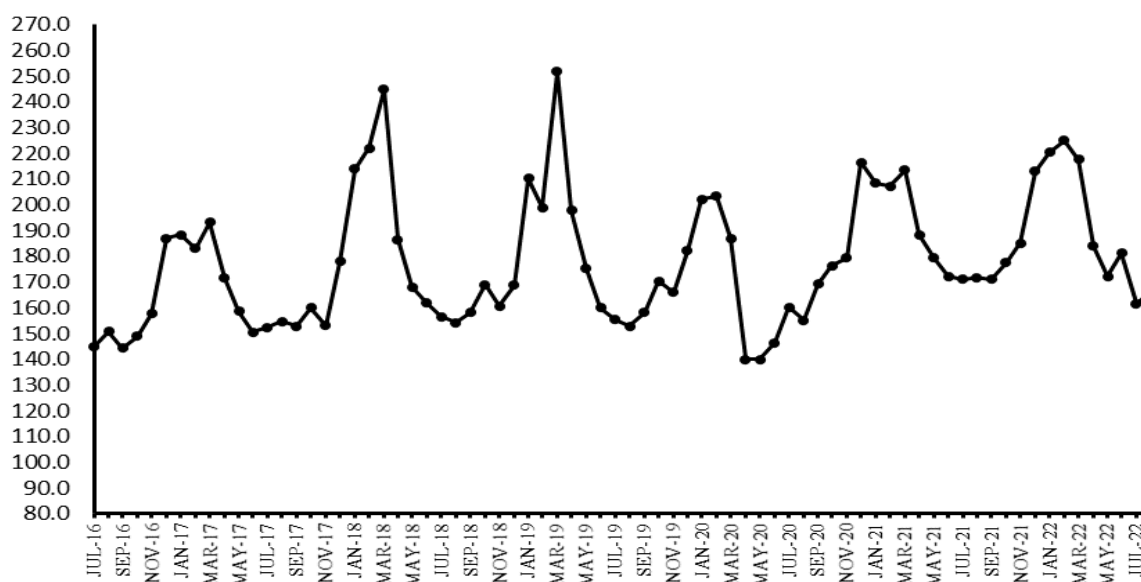


**TABLE 1: GENERAL INDEX OF INDUSTRIAL PRODUCTION**  
**FOR THE PERIOD JULY 2016 – AUGUST 2022**  
**(2005-06=100)**

MONTH/ YEAR	2016 - 17	2017 - 18	2018 - 19	2019 - 20	2020 - 21	2021 - 22	2022 - 23
<b>JUL:</b>	144.9	152.5	156.5	155.5	160.2	171.1	161.6
<b>AUG:</b>	150.8	154.7	154.3	152.8	155.2	171.8	165.9
<b>SEP:</b>	144.4	152.9	158.1	159.3	169.3	171.0	
<b>OCT:</b>	148.9	160.1	168.7	171.7	176.5	177.6	
<b>NOV:</b>	157.6	153.1	160.6	167.8	179.5	185.1	
<b>DEC:</b>	186.9	178.1	168.7	182.2	216.6	213.2	
<b>JAN:</b>	188.4	213.9	210.3	202.2	208.5	220.5	
<b>FEB:</b>	183.2	222.1	198.9	203.5	207.4	225.1	
<b>MAR:</b>	193.3	245.0	251.9	186.9	213.6	217.8	
<b>APR:</b>	171.5	186.5	197.9	140.0	188.4	183.9	
<b>MAY:</b>	158.6	168.2	175.3	140.0	179.3	172.3	
<b>JUN:</b>	150.6	161.9	160.0	146.3	172.3	181.3	
<b>Average*</b>	<b>164.0</b>	<b>176.8</b>	<b>178.1</b>	<b>166.0</b>	<b>184.5</b>	<b>189.8</b>	<b>163.7</b>

\* = Geometric Mean

**Fig. 1** **Graph of Quantum Index of Manufacturing Industries.**  
**(2005-06=100)**  
**(2005-06=100)**



*Figure: Graph of QIM for the period of July 2016 to August 2022*

## **ANALYTICAL ANALYSIS**

### **INDUSTRIAL PRODUCTION AND EMPLOYMENT (August 2022)**

#### **Coverage**

This report covers 2041 industrial units pertaining to large scale industries which contribute about 72.14 percent of the total value added of Large-Scale Manufacturing sector in the Punjab.

#### **Industrial Production Index**

Industrial Production Index for the month of August-2022 stood at 165.9 against 161.6 and 171.8 as compared to July-2022 and August-2021 respectively. Index Series since July-2016 is given in Table-1 on previous page.

#### **Production August 2022 VS July 2022 (Table-2)**

Overall production during the month of August-2022 was 2.6 percent higher than July-2022.

The production was lower in case of Soft Drinks & Juices (15.2%), Upper Leather (6.9%), Footwear (12.2%), Plywood (6.9%), Synthetic Fiber (19.8%), Glass Sheet (12.1%), Tractors (25.9%), Automobiles Cars/Trucks (19.4%), Electric Fans (19.2%), Air-Conditioner (56.6%) and Refrigerators/Deep Freezers (16.1%).

The production was higher in case of Dairy Products (6.5%), Wheat Milling (9.5%), Cigarettes (34.3%), Jute Textile (10.2%), Pharmaceuticals (9.3%), Petroleum Products (10.5%), Cement (24.5%) and Electric Meters (5.7%).

#### **Production August 2022 VS August 2021 (Table-3)**

Overall production during August-2022 was 3.5 percent lower than August-2021.

The production was lower in case of Wheat Milling (9.4%), Cigarettes (20.2%), Paper & Paper Board (12.9%), Fertilizers (5.8%), Petroleum Products (18.7%), Cement (18.8%), Fabricated Metal Products/HMC (32.0%), Tractors (6.4%), Automobiles Cars/Trucks (49.1%), Motors Cycles (21.9%), Electric Fans (20.5%), Electric Motors (22.2%), Air-Conditioners (54.5%), Refrigerators/Deep Freezers (39.4%), Safety Razor Blades (15.8%) and Agricultural Implements (9.1%).

The production was higher in case of Vegetable Ghee/ Cooking Oil (8.3%), Dairy Products (9.8%), Starch & its Products (8.7%), Jute Textile (45.8%), Upper Leather (8.6%), Footwear (10.1%), Ply Wood (5.7%), Basic Inorganic Chemical/Acids (19.4%), Glass Sheet (114.0%), Diesel Engines (66.7%), Bicycles (21.5%) and Electric Meters (42.9%).

### **Production July-August 2022-23 VS July-August 2021-22 (Table-4)**

Overall production during July-Aug (2022-23) was 4.5 percent lower than July-Aug (2021-22).

The Production was lower in case of Dairy Products (5.1%), Wheat Milling (17.8%), Cigarettes (35.4%), Fertilizers (7.7%), Petroleum Products (19.6%), Cement (25.3%), Bar/Angles (5.1%), Fabricated Metal Products/HMC (39.5%), Automobiles Cars/Trucks (41.4%), Motor Cycles (22.5%), Electric Fans (15.0%), Electric Motors (22.6%), Air-Conditioners (33.5%), Refrigerators/Deep Freezers (39.7%), Safety Razors Blades (15.9%) and Agricultural Implements (9.9%).

The production was higher in case of Vegetable Ghee/Cooking Oil (9.5%), Starch & its Products (13.5%), Jute Textiles (44.2%), Leather Tanning (22.9%), Footwear (18.6%), Ply Wood (11.3%), Basic Inorganic Chemicals/Acids (18.8%), Paints & Varnishes (9.2%), Synthetic Fibre (14.8%), Glass Sheets (128.9%), Tractors (10.4%), Diesel Engine (76.2%), Bicycles (23.3%) and Electric Meters (27.8%).

### **Employment August 2022 VS July 2022 and August 2021 (Table-5)**

Total employment during August-2022 was 0.5 percent lower than July-2022 and was almost same as August-2021.

### **Average Employment July-August 2022-23 VS July-August 2021-22 (Table-7)**

Average monthly employment during the period of July-August (2022-23) was 0.8 percent higher than the corresponding period of the previous year.

**Table 2: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2022 VS July 2022**

Group/Items	No. of Units Covered in Aug: 2022	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2022 with Jul: 2022
				Aug: 2022	Jul: 2022	
<b>I Food Drinks &amp; Tobacco</b>	<b>910</b>					
<b>1 Vegetable Ghee/Cooking Oil</b>	<b>44</b>	<b>5.00</b>	<b>M.Tons</b>	<b>90085</b>	<b>87396</b>	<b>103.1</b>
i) Vegetable Ghee	44		M.Tons	73360	71360	102.8
ii) Cooking Oil	18		M.Tons	16725	16036	104.3
<b>2 Dairy Products</b>	<b>8</b>	<b>4.13</b>				<b>106.5</b>
i) Process/UHT Milk		1.62	`000` Litres	40124	40636	98.7
ii) Milk Powder		0.87	M.Tons	1065	768	138.7
iii) Chees		0.01	M.Tons	510	478	106.7
iv) Butter/ Desi Ghee		0.33	M.Tons	358	402	89.1
v) Cream		1.04	M.Tons	605	489	123.7
vi) Yoghurt		0.26	M.Tons	0	0	
<b>3 Wheat Milling</b>	<b>776</b>	<b>1.25</b>	<b>M.Tons</b>	<b>799995</b>	<b>730746</b>	<b>109.5</b>
<b>4 Sugar</b>	<b>44</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>6589</b>	<b>4934</b>	<b>133.5</b>
<b>6 Starch &amp; its Products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>36562</b>	<b>35844</b>	<b>102.0</b>
i) Starch			M.Tons	22522	21772	103.4
ii) Glucose			M.Tons	14040	14072	99.8
<b>7 Soft Drinks &amp; Juices</b>	<b>30</b>	<b>0.82</b>	<b>`000` Litres</b>	<b>238397</b>	<b>281235</b>	<b>84.8</b>
i) 7-up Coca Cola etc.	19		`000` Litres	214578	254026	84.5
ii) Fruit Juices	19		`000` Litres	22130	26462	83.6
iii) Syrups & Squashes	2		`000` Litres	1689	747	226.1
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M. Nos</b>	<b>1346</b>	<b>1002</b>	<b>134.3</b>
<b>II Textiles</b>	<b>312</b>					
<b>1 Cotton Textiles</b>	<b>285</b>					
i) Cotton/M. M Blended Yarn	247	15.40	M.Tons	138304	138459	99.9
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	66695	66780	99.9
<b>2 Woolen Textiles</b>	<b>21</b>	<b>0.52</b>	<b>M.Tons</b>	<b>650</b>	<b>671</b>	<b>96.9</b>
i) Woolen Yarn	14		M.Tons	634	662	95.8
ii) Knitting Wool	3		M.Tons	0	0	
iii) Woolen & Worsted Cloth	14		M.Tons	16	9	177.8
iv) Carpets	5	0.77	000 Mtrs.	0	0	
<b>3 Jute Textiles</b>	<b>6</b>	<b>0.28</b>	<b>M.Tons</b>	<b>4494</b>	<b>4079</b>	<b>110.2</b>
i) Jute Sacking				2920	2907	100.4
ii) Jute Hessian				1146	879	130.4
iii) Jute Twine				428	293	146.1
<b>III Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
<b>1 Leather Tanning</b>	<b>106</b>					
i) Upper Leather	95	0.49	000 Sq. Mtrs.	807	867	93.1
ii) Sole Leather	11		M.Tons	16	16	100.0
<b>2 Footwear</b>	<b>41</b>	<b>0.90</b>	<b>000 Pairs</b>	<b>2601</b>	<b>2964</b>	<b>87.8</b>
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>593</b>	<b>637</b>	<b>93.1</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>57690</b>	<b>56106</b>	<b>102.8</b>
<b>1 Paper</b>				<b>17928</b>	<b>17481</b>	<b>102.6</b>
i) Writing			M.Tons	6695	6409	104.5
ii) Printing			M.Tons	5980	6012	99.5
iii) Packing & Others			M.Tons	5253	5060	103.8
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>39762</b>	<b>38625</b>	<b>102.9</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>				<b>109.3</b>
i) Tablets	28	0.38	000 Nos.	218500	228997	95.4
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	1372	1146	119.7
iii) Capsules	19	0.08	000 Nos.	44558	40576	109.8
iv) Injections	12	0.14	000 Nos.	16573	16771	98.8
v) Ointments	7	0.03	Kgs.	59955	53945	111.1
vi) Galenicals	6	0.04	000 Ltrs.	3	2	150.0
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>8</b>	<b>1.34</b>		<b>118410</b>	<b>120152</b>	<b>98.6</b>
i) Caustic Soda	2		M.Tons	21416	23123	92.6
ii) Hydrochloric Acid	2		M.Tons	47834	49897	95.9
iii) Chlorine Liquids	2		M.Tons	1704	1994	85.5
iv) Soda Ash	2		M.Tons	45198	41880	107.9
v) Sulphuric Acid	5		M.Tons	2258	3258	69.3

Group/Items	No. of Units Covered in Aug: 2022	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2022 with Jul: 2022
				Aug: 2022	Jul: 2022	
<b>3 Fertilizers</b>	<b>7</b>	<b>7.18</b>	<b>M.Tons</b>	<b>385162</b>	<b>376094</b>	<b>102.4</b>
i) Urea	4		M.Tons	248817	227313	109.5
ii) Amm. Nitrate	1		M.Tons	65792	74324	88.5
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	378	1742	21.7
v) Nitro Phosphate	1		M.Tons	70175	72715	96.5
<b>4 Paints &amp; Varnishes</b>	<b>12</b>	<b>0.65</b>		<b>9932</b>	<b>9705</b>	<b>102.3</b>
i) Paints		0.01	M.Tons	7192	6963	103.3
			`000` Litres	2711	2713	99.9
ii) Varnishes		1.04	M.Tons	16	16	100.0
		0.26	`000` Litres	13	13	100.0
<b>5 Tyres &amp; Tubes</b>	<b>6</b>	<b>0.12</b>	<b>`000` Nos.</b>	<b>3225</b>	<b>3211</b>	<b>100.4</b>
i) Cycle Tyres				336	332	101.2
ii) Automobile Tyres				432	431	100.2
iii) Cycle Tubes				611	603	101.3
iv) Automobile Tubes				1846	1845	100.1
<b>6 Soap</b>	<b>62</b>	<b>0.07</b>	<b>M.Tons</b>	<b>22150</b>	<b>21660</b>	<b>102.3</b>
i) Toilet Soap	7			3618	3556	101.7
ii) Washing Soap	62			18532	18104	102.4
<b>7 Matches</b>	<b>2</b>	<b>0.00</b>	<b>M. Box * 40 Sticks</b>	<b>459</b>	<b>535</b>	<b>85.8</b>
<b>8 Synthetic Fibre</b>	<b>4</b>	<b>0.95</b>	<b>M.Tons</b>	<b>44490</b>	<b>55442</b>	<b>80.2</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>`000` Litres</b>	<b>506584</b>	<b>458574</b>	<b>110.5</b>
i) Petrol (LPG)			`000` Litres	13996	14131	99.0
ii) J.P.			`000` Litres	35949	29760	120.8
iii) White Kerosene			`000` Litres	17869	5149	347.0
iv) H.S. Diesel			`000` Litres	203228	150188	135.3
v) Diesel Fuel			`000` Litres	3078	304	1012.5
vi) Furnace Fuel			`000` Litres	110290	100282	110.0
vii) Solvent Oil			`000` Litres	0	0	
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	4943	4893	101.0
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	117231	153867	76.2
xii) Naphtha			`000` Litres	0	0	
<b>VII Non-Metalic &amp; Mineral</b>	<b>21</b>					
<b>1 Glass Sheets</b>	<b>9</b>	<b>0.19</b>	<b>M.Tons</b>	<b>20582</b>	<b>23424</b>	<b>87.9</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>1603861</b>	<b>1288682</b>	<b>124.5</b>
<b>VIII Engineering Products</b>	<b>459</b>					
<b>1 Steel Bars/ Angles</b>	<b>41</b>	<b>1.06</b>	<b>M.Tons</b>	<b>24411</b>	<b>24423</b>	<b>100.0</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>1</b>	<b>0.53</b>	<b>M.Tons</b>	<b>34</b>	<b>35</b>	<b>97.1</b>
<b>3 Tractors</b>	<b>4</b>	<b>0.86</b>	<b>Nos.</b>	<b>2970</b>	<b>4009</b>	<b>74.1</b>
<b>4 Automobiles Cars/Trucks</b>	<b>1</b>	<b>1.65</b>	<b>Nos.</b>	<b>967</b>	<b>1200</b>	<b>80.6</b>
<b>5 Diesel Engines</b>	<b>15</b>	<b>0.06</b>	<b>Nos.</b>	<b>210</b>	<b>220</b>	<b>95.5</b>
<b>6 Motor Cycles</b>	<b>17</b>	<b>0.13</b>	<b>Nos.</b>	<b>111480</b>	<b>108368</b>	<b>102.9</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos.</b>	<b>13000</b>	<b>13007</b>	<b>99.9</b>
<b>8 Electric Fans</b>	<b>126</b>	<b>0.11</b>	<b>Nos.</b>	<b>211119</b>	<b>261144</b>	<b>80.8</b>
i) Ceiling				114222	138419	82.5
ii) Pedestal				40414	45454	88.9
iii) Others				56483	77271	73.1
<b>9 Electric Transformers</b>	<b>3</b>	<b>0.00</b>	<b>Nos.</b>	<b>3631</b>	<b>3368</b>	<b>107.8</b>
<b>10 Electric Motors</b>	<b>30</b>	<b>0.52</b>	<b>Nos.</b>	<b>1757</b>	<b>1802</b>	<b>97.5</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos.</b>	<b>1058</b>	<b>932</b>	<b>113.5</b>
<b>12 Washing Machines</b>	<b>20</b>	<b>0.00</b>	<b>Nos.</b>	<b>34144</b>	<b>33789</b>	<b>101.1</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos.</b>	<b>182837</b>	<b>172920</b>	<b>105.7</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos.</b>	<b>12733</b>	<b>29323</b>	<b>43.4</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>5</b>	<b>0.31</b>	<b>Nos.</b>	<b>46249</b>	<b>55152</b>	<b>83.9</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>Mill. Nos.</b>	<b>85</b>	<b>84</b>	<b>101.2</b>
<b>17 Agricultural Implements</b>	<b>151</b>	<b>0.38</b>	<b>Nos.</b>	<b>1193</b>	<b>1237</b>	<b>96.4</b>
i) Chaff Cutter	54			784	803	97.6
ii) Sugarcane Machines	35			4	5	80.0
iii) Wheat Thrashers	30			3	2	150.0
iv) Others (Misc. Imp.)	43			402	427	94.1
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>42</b>	<b>43</b>	<b>97.7</b>
i) Power Looms	20		Nos.	38	39	97.4
ii) Bobbins	5		000 Nos.	0	0	
iii) Shuttles	6		000 Nos.	4	4	100.0
<b>General Index</b>	<b>2041</b>	<b>72.14</b>		<b>165.9</b>	<b>161.6</b>	<b>102.6</b>

**Table 3: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2022 VS August 2021**

Group/Items	No. of Units Covered in Aug: 2022	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2022 with Aug: 2021
				Aug: 2022	Aug: 2021	
<b>I Food Drinks &amp; Tobacco</b>	<b>910</b>					
<b>1 Vegetable Ghee/Cooking Oil</b>	<b>44</b>	<b>5.00</b>	<b>M.Tons</b>	<b>90085</b>	<b>83207</b>	<b>108.3</b>
i) Vegetable Ghee	44		M.Tons	73360	68008	107.9
ii) Cooking Oil	18		M.Tons	16725	15199	110.0
<b>2 Dairy Products</b>	<b>8</b>	<b>4.13</b>				<b>109.8</b>
i) Process/UHT Milk		1.62	`000` Litres	40124	47679	84.2
ii) Milk Powder		0.87	M.Tons	1065	697	152.8
iii) Chees		0.01	M.Tons	510	603	84.6
iv) Butter/ Desi Ghee		0.33	M.Tons	358	142	252.1
v) Cream		1.04	M.Tons	605	629	96.2
vi) Yoghurt		0.26	M.Tons	0	0	
<b>3 Wheat Milling</b>	<b>776</b>	<b>1.25</b>	<b>M.Tons</b>	<b>799995</b>	<b>883273</b>	<b>90.6</b>
<b>4 Sugar</b>	<b>44</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>6589</b>	<b>5932</b>	<b>111.1</b>
<b>6 Starch &amp; its Products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>36562</b>	<b>33632</b>	<b>108.7</b>
i) Starch			M.Tons	22522	20331	110.8
ii) Glucose			M.Tons	14040	13301	105.6
<b>7 Soft Drinks &amp; Juices</b>	<b>30</b>	<b>0.82</b>	<b>`000` Litres</b>	<b>238397</b>	<b>247468</b>	<b>96.3</b>
i) 7-up Coca Cola etc.	19		`000` Litres	214578	222993	96.2
ii) Fruit Juices	19		`000` Litres	22130	22278	99.3
iii) Syrups & Squashes	2		`000` Litres	1689	2197	76.9
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M. Nos</b>	<b>1346</b>	<b>1686</b>	<b>79.8</b>
<b>II Textiles</b>	<b>312</b>					
<b>1 Cotton Textiles</b>	<b>285</b>					
i) Cotton/M. M Blended Yarn	247	15.40	M.Tons	138304	136239	101.5
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	66695	65795	101.4
<b>2 Woolen Textiles</b>	<b>21</b>	<b>0.52</b>	<b>M.Tons</b>	<b>650</b>	<b>668</b>	<b>97.3</b>
i) Woolen Yarn	14		M.Tons	634	636	99.7
ii) Knitting Wool			M.Tons	0	12	
iii) Woolen & Worsted Cloth	14		M.Tons	16	20	80.0
iv) Carpets	5	0.77	000 Mtrs.	0	0	
<b>3 Jute Textiles</b>	<b>6</b>	<b>0.28</b>	<b>M.Tons</b>	<b>4494</b>	<b>3082</b>	<b>145.8</b>
i) Jute Sacking				2920	1924	151.8
ii) Jute Hessian				1146	799	143.4
iii) Jute Twine				428	359	119.2
<b>III Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
<b>1 Leather Tanning</b>	<b>106</b>					
i) Upper Leather	95	0.49	000 Sq. Mtrs.	807	743	108.6
ii) Sole Leather	11		M.Tons	16	14	114.3
<b>2 Footwear</b>	<b>41</b>	<b>0.90</b>	<b>000 Pairs</b>	<b>2601</b>	<b>2363</b>	<b>110.1</b>
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>593</b>	<b>561</b>	<b>105.7</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>57690</b>	<b>66228</b>	<b>87.1</b>
<b>1 Paper</b>				<b>17928</b>	<b>17645</b>	<b>101.6</b>
i) Writing			M.Tons	6695	8201	81.6
ii) Printing			M.Tons	5980	4229	141.4
iii) Packing & Others			M.Tons	5253	5215	100.7
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>39762</b>	<b>48583</b>	<b>81.8</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>				<b>101.7</b>
i) Tablets	28	0.38	000 Nos.	218500	263232	83.0
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	1372	1249	109.8
iii) Capsules	19	0.08	000 Nos.	44558	36537	122.0
iv) Injections	12	0.14	000 Nos.	16573	13877	119.4
v) Ointments	7	0.03	Kgs.	59955	47480	126.3
vi) Galenicals	6	0.04	000 Ltrs.	3	5	60.0
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>8</b>	<b>1.34</b>		<b>118410</b>	<b>99186</b>	<b>119.4</b>
i) Caustic Soda	2		M.Tons	21416	17603	121.7
ii) Hydrochloric Acid	2		M.Tons	47834	30350	157.6
iii) Chlorine Liquids	2		M.Tons	1704	1452	117.4
iv) Soda Ash	2		M.Tons	45198	43308	104.4
v) Sulphuric Acid	5		M.Tons	2258	6473	34.9

Group/Items	No. of Units Covered in Aug: 2022	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2022 with Aug: 2021
				Aug: 2022	Aug: 2021	
<b>3 Fertilizers</b>	<b>7</b>	<b>7.18</b>	<b>M.Tons</b>	<b>385162</b>	<b>408776</b>	<b>94.2</b>
i) Urea	4		M.Tons	248817	260817	95.4
ii) Amm. Nitrate	1		M.Tons	65792	67741	97.1
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	378	3860	9.8
v) Nitro Phosphate	1		M.Tons	70175	76358	91.9
<b>4 Paints &amp; Varnishes</b>	<b>12</b>	<b>0.65</b>		<b>9932</b>	<b>9917</b>	<b>100.2</b>
i) Paints		0.01	M.Tons	7192	7145	100.7
			`000` Litres	2711	2743	98.8
ii) Varnishes		1.04	M.Tons	16	10	160.0
		0.26	`000` Litres	13	19	68.4
<b>5 Tyres &amp; Tubes</b>	<b>6</b>	<b>0.12</b>	<b>`000` Nos.</b>	<b>3225</b>	<b>3122</b>	<b>103.3</b>
i) Cycle Tyres				336	304	110.5
ii) Automobile Tyres				432	420	102.9
iii) Cycle Tubes				611	564	108.3
iv) Automobile Tubes				1846	1834	100.7
<b>6 Soap</b>	<b>62</b>	<b>0.07</b>	<b>M.Tons</b>	<b>22150</b>	<b>22328</b>	<b>99.2</b>
i) Toilet Soap	7			3618	3740	96.7
ii) Washing Soap	62			18532	18588	99.7
<b>7 Matches</b>	<b>2</b>	<b>0.00</b>	<b>M. Box * 40 Sticks</b>	<b>459</b>	<b>332</b>	<b>138.3</b>
<b>8 Synthetic Fibre</b>	<b>4</b>	<b>0.95</b>	<b>M.Tons</b>	<b>44490</b>	<b>43346</b>	<b>102.6</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>`000` Litres</b>	<b>506584</b>	<b>623433</b>	<b>81.3</b>
i) Petrol (LPG)			`000` Litres	13996	15064	92.9
ii) J.P.			`000` Litres	35949	27644	130.0
iii) White Kerosene			`000` Litres	17869	4772	374.5
iv) H.S. Diesel			`000` Litres	203228	257750	78.8
v) Diesel Fuel			`000` Litres	3078	872	353.0
vi) Furnace Fuel			`000` Litres	110290	135272	81.5
vii) Solvent Oil			`000` Litres	0	0	
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	4943	8700	56.8
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	117231	173359	67.6
xii) Naphtha			`000` Litres	0	0	
<b>VII Non-Metalic &amp; Mineral</b>	<b>21</b>					
<b>1 Glass Sheets</b>	<b>9</b>	<b>0.19</b>	<b>M.Tons</b>	<b>20582</b>	<b>9619</b>	<b>214.0</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>1603861</b>	<b>1974246</b>	<b>81.2</b>
<b>VIII Engineering Products</b>	<b>459</b>					
<b>1 Steel Bars/ Angles</b>	<b>41</b>	<b>1.06</b>	<b>M.Tons</b>	<b>24411</b>	<b>24691</b>	<b>98.9</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>1</b>	<b>0.53</b>	<b>M.Tons</b>	<b>34</b>	<b>50</b>	<b>68.0</b>
<b>3 Tractors</b>	<b>4</b>	<b>0.86</b>	<b>Nos.</b>	<b>2970</b>	<b>3172</b>	<b>93.6</b>
<b>4 Automobiles Cars/Trucks</b>	<b>1</b>	<b>1.65</b>	<b>Nos.</b>	<b>967</b>	<b>1900</b>	<b>50.9</b>
<b>5 Diesel Engines</b>	<b>15</b>	<b>0.06</b>	<b>Nos.</b>	<b>210</b>	<b>126</b>	<b>166.7</b>
<b>6 Motor Cycles</b>	<b>17</b>	<b>0.13</b>	<b>Nos.</b>	<b>111480</b>	<b>142802</b>	<b>78.1</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos.</b>	<b>13000</b>	<b>10700</b>	<b>121.5</b>
<b>8 Electric Fans</b>	<b>126</b>	<b>0.11</b>	<b>Nos.</b>	<b>211119</b>	<b>265414</b>	<b>79.5</b>
i) Ceiling				114222	140165	81.5
ii) Pedestal				40414	40919	98.8
iii) Others				56483	84330	67.0
<b>9 Electric Transformers</b>	<b>3</b>	<b>0.00</b>	<b>Nos.</b>	<b>3631</b>	<b>1880</b>	<b>193.1</b>
<b>10 Electric Motors</b>	<b>30</b>	<b>0.52</b>	<b>Nos.</b>	<b>1757</b>	<b>2257</b>	<b>77.8</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos.</b>	<b>1058</b>	<b>799</b>	<b>132.4</b>
<b>12 Washing Machines</b>	<b>20</b>	<b>0.00</b>	<b>Nos.</b>	<b>34144</b>	<b>47444</b>	<b>72.0</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos.</b>	<b>182837</b>	<b>127947</b>	<b>142.9</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos.</b>	<b>12733</b>	<b>28000</b>	<b>45.5</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>5</b>	<b>0.31</b>	<b>Nos.</b>	<b>46249</b>	<b>76299</b>	<b>60.6</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>Mill. Nos.</b>	<b>85</b>	<b>101</b>	<b>84.2</b>
<b>17 Agricultural Implements</b>	<b>151</b>	<b>0.38</b>	<b>Nos.</b>	<b>1193</b>	<b>1313</b>	<b>90.9</b>
i) Chaff Cutter	54			784	836	93.8
ii) Sugarcane Machines	35			4	6	66.7
iii) Wheat Thrashers	30			3	8	37.5
iv) Others (Misc. Imp.)	43			402	463	
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>42</b>	<b>42</b>	<b>100.0</b>
i) Power Looms	20		Nos.	38	38	100.0
ii) Bobbins	5		000 Nos.	0	0	
iii) Shuttles	6		000 Nos.	4	4	100.0
<b>General Index</b>	<b>2041</b>	<b>72.14</b>		<b>165.9</b>	<b>171.8</b>	<b>96.5</b>

**Table 4: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, 2022-23 (Jul-Aug:) VS 2021-22 (Jul-Aug:)**

Group/Items	No. of Units Covered in Aug: 2022	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in 2022-23 (Jul-Aug) with 2021-22 (Jul-Aug)=100
				2022-23 (Jul-Aug)	2021-22 (Jul-Aug)	
<b>I Food Drinks &amp; Tobacco</b>	<b>910</b>					
<b>1 Vegetable Ghee/Cooking Oil</b>	<b>44</b>	<b>5.00</b>	<b>M.Tons</b>	<b>177481</b>	<b>162133</b>	<b>109.5</b>
i) Vegetable Ghee	44		M.Tons	144720	132569	109.2
ii) Cooking Oil	18		M.Tons	32761	29564	110.8
<b>2 Dairy Products</b>	<b>8</b>	<b>4.13</b>				<b>94.9</b>
i) Process/UHT Milk		1.62	`000` Litres	80760	93122	86.7
ii) Milk Powder		0.87	M.Tons	1833	1504	121.9
iii) Chees		0.01	M.Tons	988	1148	86.1
iv) Butter/ Desi Ghee		0.33	M.Tons	760	358	212.3
v) Cream		1.04	M.Tons	1094	1530	71.5
vi) Yoghurt		0.26	M.Tons	0	0	
<b>3 Wheat Milling</b>	<b>776</b>	<b>1.25</b>	<b>M.Tons</b>	<b>1530741</b>	<b>1861854</b>	<b>82.2</b>
<b>4 Sugar</b>	<b>44</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>11523</b>	<b>11037</b>	<b>104.4</b>
<b>6 Starch &amp; its Products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>72406</b>	<b>63807</b>	<b>113.5</b>
i) Starch			M.Tons	44294	37528	118.0
ii) Glucose			M.Tons	28112	26279	107.0
<b>7 Soft Drinks &amp; Juices</b>	<b>30</b>	<b>0.82</b>	<b>`000` Litres</b>	<b>519632</b>	<b>524256</b>	<b>99.1</b>
i) 7-up Coca Cola etc.	19		`000` Litres	468604	474996	98.7
ii) Fruit Juices	19		`000` Litres	48592	46031	105.6
iii) Syrups & Squashes	2		`000` Litres	2436	3229	75.4
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M. Nos</b>	<b>2348</b>	<b>3634</b>	<b>64.6</b>
<b>II Textiles</b>	<b>312</b>					
<b>1 Cotton Textiles</b>	<b>285</b>					
i) Cotton/M. M Blended Yarn	247	15.40	M.Tons	276763	274931	100.7
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	133475	129264	103.3
<b>2 Woolen Textiles</b>	<b>21</b>	<b>0.52</b>	<b>M.Tons</b>	<b>1321</b>	<b>1299</b>	<b>101.7</b>
i) Woolen Yarn	14		M.Tons	1296	1231	105.3
ii) Knitting Wool			M.Tons	0	27	
iii) Woolen & Worsted Cloth	14		M.Tons	25	41	61.0
iv) Carpets	5	0.77	000 Mtrs.	0	0	
<b>3 Jute Textiles</b>	<b>6</b>	<b>0.28</b>	<b>M.Tons</b>	<b>8573</b>	<b>5944</b>	<b>144.2</b>
i) Jute Sacking				5827	3724	156.5
ii) Jute Hessian				2025	1519	133.3
iii) Jute Twine				721	701	102.9
<b>III Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
<b>1 Leather Tanning</b>	<b>106</b>					
i) Upper Leather	95	0.49	000 Sq. Mtrs.	1674	1362	122.9
ii) Sole Leather	11		M.Tons	32	28	114.3
<b>2 Footwear</b>	<b>41</b>	<b>0.90</b>	<b>000 Pairs</b>	<b>5565</b>	<b>4692</b>	<b>118.6</b>
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>1230</b>	<b>1105</b>	<b>111.3</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>113796</b>	<b>113731</b>	<b>100.1</b>
<b>1 Paper</b>				<b>35409</b>	<b>31532</b>	<b>112.3</b>
i) Writing			M.Tons	13104	15193	86.3
ii) Printing			M.Tons	11992	7107	168.7
iii) Packing & Others			M.Tons	10313	9232	111.7
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>78387</b>	<b>82199</b>	<b>95.4</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>				<b>99.1</b>
i) Tablets	28	0.38	000 Nos.	447497	506100	88.4
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	2518	2640	95.4
iii) Capsules	19	0.08	000 Nos.	85134	75630	112.6
iv) Injections	12	0.14	000 Nos.	33344	23901	139.5
v) Ointments	7	0.03	Kgs.	113900	96112	118.5
vi) Galenicals	6	0.04	000 Ltrs.	5	8	62.5
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>8</b>	<b>1.34</b>		<b>238562</b>	<b>200728</b>	<b>118.8</b>
i) Caustic Soda	2		M.Tons	44539	35851	124.2
ii) Hydrochloric Acid	2		M.Tons	97731	63599	153.7
iii) Chlorine Liquids	2		M.Tons	3698	2856	129.5
iv) Soda Ash	2		M.Tons	87078	84969	102.5
v) Sulphuric Acid	5		M.Tons	5516	13453	41.0



Group/Items	No. of Units Covered in Aug: 2022	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in 2022-23 (Jul-Aug) with 2021-22 (Jul-Aug)=100
				2022-23 (Jul-Aug)	2021-22 (Jul-Aug)	
<b>3 Fertilizers</b>	<b>7</b>	<b>7.18</b>	<b>M.Tons</b>	<b>761256</b>	<b>824509</b>	<b>92.3</b>
i) Urea	4		M.Tons	476130	528477	90.1
ii) Amm. Nitrate	1		M.Tons	140116	136517	102.6
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	2120	6730	31.5
v) Nitro Phosphate	1		M.Tons	142890	152785	93.5
<b>4 Paints &amp; Varnishes</b>	<b>12</b>	<b>0.65</b>		<b>19637</b>	<b>17988</b>	<b>109.2</b>
i) Paints		0.01	M.Tons	14155	12589	112.4
			`000` Litres	5424	5337	101.6
ii) Varnishes		1.04	M.Tons	32	22	145.5
		0.26	`000` Litres	26	40	65.0
<b>5 Tyres &amp; Tubes</b>	<b>6</b>	<b>0.12</b>	<b>`000` Nos.</b>	<b>6436</b>	<b>6229</b>	<b>103.3</b>
i) Cycle Tyres				668	604	110.6
ii) Automobile Tyres				863	838	103.0
iii) Cycle Tubes				1214	1121	108.3
iv) Automobile Tubes				3691	3666	100.7
<b>6 Soap</b>	<b>62</b>	<b>0.07</b>	<b>M.Tons</b>	<b>43810</b>	<b>44595</b>	<b>98.2</b>
i) Toilet Soap	7			7174	7456	96.2
ii) Washing Soap	62			36636	37139	98.6
<b>7 Matches</b>	<b>2</b>	<b>0.00</b>	<b>M. Box * 40 Sticks</b>	<b>994</b>	<b>731</b>	<b>136.0</b>
<b>8 Synthetic Fibre</b>	<b>4</b>	<b>0.95</b>	<b>M.Tons</b>	<b>99932</b>	<b>87046</b>	<b>114.8</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>`000` Litres</b>	<b>965158</b>	<b>1200624</b>	<b>80.4</b>
i) Petrol (LPG)			`000` Litres	28127	30443	92.4
ii) J.P.			`000` Litres	65709	52815	124.4
iii) White Kerosene			`000` Litres	23018	12768	180.3
iv) H.S. Diesel			`000` Litres	353416	497395	71.1
v) Diesel Fuel			`000` Litres	3382	1548	218.5
vi) Furnace Fuel			`000` Litres	210572	249566	84.4
vii) Solvent Oil			`000` Litres	0	0	
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	9836	14221	69.2
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	271098	341868	79.3
xii) Naphtha			`000` Litres	0	0	
<b>VII Non-Metallic &amp; Mineral</b>	<b>21</b>					
<b>1 Glass Sheets</b>	<b>9</b>	<b>0.19</b>	<b>M.Tons</b>	<b>44006</b>	<b>19221</b>	<b>228.9</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>2892543</b>	<b>3871066</b>	<b>74.7</b>
<b>VIII Engineering Products</b>	<b>459</b>					
<b>1 Steel Bars/ Angles</b>	<b>41</b>	<b>1.06</b>	<b>M.Tons</b>	<b>48834</b>	<b>51433</b>	<b>94.9</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>1</b>	<b>0.53</b>	<b>M.Tons</b>	<b>69</b>	<b>114</b>	<b>60.5</b>
<b>3 Tractors</b>	<b>4</b>	<b>0.86</b>	<b>Nos.</b>	<b>6979</b>	<b>6322</b>	<b>110.4</b>
<b>4 Automobiles Cars/Trucks</b>	<b>1</b>	<b>1.65</b>	<b>Nos.</b>	<b>2167</b>	<b>3700</b>	<b>58.6</b>
<b>5 Diesel Engines</b>	<b>15</b>	<b>0.06</b>	<b>Nos.</b>	<b>430</b>	<b>244</b>	<b>176.2</b>
<b>6 Motor Cycles</b>	<b>17</b>	<b>0.13</b>	<b>Nos.</b>	<b>219848</b>	<b>283659</b>	<b>77.5</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos.</b>	<b>26007</b>	<b>21100</b>	<b>123.3</b>
<b>8 Electric Fans</b>	<b>126</b>	<b>0.11</b>	<b>Nos.</b>	<b>472263</b>	<b>555530</b>	<b>85.0</b>
i) Ceiling				252641	289332	87.3
ii) Pedestal				85868	91363	94.0
iii) Others				133754	174835	76.5
<b>9 Electric Transformers</b>	<b>3</b>	<b>0.00</b>	<b>Nos.</b>	<b>6999</b>	<b>3790</b>	<b>184.7</b>
<b>10 Electric Motors</b>	<b>30</b>	<b>0.52</b>	<b>Nos.</b>	<b>3559</b>	<b>4601</b>	<b>77.4</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos.</b>	<b>1990</b>	<b>1587</b>	<b>125.4</b>
<b>12 Washing Machines</b>	<b>20</b>	<b>0.00</b>	<b>Nos.</b>	<b>67933</b>	<b>93631</b>	<b>72.6</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos.</b>	<b>355757</b>	<b>278340</b>	<b>127.8</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos.</b>	<b>42056</b>	<b>63200</b>	<b>66.5</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>5</b>	<b>0.31</b>	<b>Nos.</b>	<b>101401</b>	<b>168069</b>	<b>60.3</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>Mill. Nos.</b>	<b>169</b>	<b>201</b>	<b>84.1</b>
<b>17 Agricultural Implements</b>	<b>151</b>	<b>0.38</b>	<b>Nos.</b>	<b>2430</b>	<b>2698</b>	<b>90.1</b>
i) Chaff Cutter	54			1587	1785	88.9
ii) Sugarcane Machines	35			9	11	81.8
iii) Wheat Thrashers	30			5	23	21.7
iv) Others (Misc. Imp.)	43			829	879	94.3
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>85</b>	<b>83</b>	<b>102.4</b>
i) Power Looms	20		Nos.	77	75	102.7
ii) Bobbins	5		000 Nos.	0	0	
iii) Shuttles	6		000 Nos.	8	8	100.0
<b>General Index*</b>	<b>2041</b>	<b>72.14</b>		<b>163.7</b>	<b>171.4</b>	<b>95.5</b>

\* Average Index of two months.

**Table 5: Total Employment Regarding Large-Scale Industries, July-2022, August-2022 and August-2021**

Groups/Items	No. of Units Covered in Aug: 2022	Jul: 2022	Aug: 2022	Aug: 2021	Index of Employment	
					Aug: 2022 with Jul: 2022	Aug: 2022 with Aug: 2021
<b>I Food Drinks &amp; Tobacco</b>	<b>910</b>					
1 Vegetable Ghee/Cooking Oil	44	5351	5359	5195	100.1	103.2
2 Dairy Products	8	1961	2015	2638	102.8	76.4
3 Wheat Milling	776	10125	10117	9974	99.9	101.4
4 Sugar	44	19071	18225	21667	95.6	84.1
5 Tea (Blended)	3	1319	1354	1457	102.7	92.9
6 Starch & its Products	2	1856	1843	2029	99.3	90.8
7 Soft Drinks & Juices	30	8425	8384	8338	99.5	100.6
8 Cigarettes	3	630	639	656	101.4	97.4
<b>II Textiles</b>	<b>313</b>					
1 Cotton Textiles	285	159734	159579	156003	99.9	102.3
2 Woolen Textiles	21	913	913	1273	100.0	71.7
3 Jute Textiles	7	5127	5139	4099	100.2	125.4
<b>III Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
1 Leather Tanning	106	2243	2215	2409	98.8	91.9
2 Footwear	41	12468	12235	11624	98.1	105.3
<b>IV Plywood</b>	<b>6</b>	<b>87</b>	<b>88</b>	<b>86</b>	<b>101.1</b>	<b>102.3</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>					
1 Paper & Paper Board	47	5036	5090	5028	101.1	101.2
<b>VI Chemicals &amp; Petroleum Products</b>	<b>139</b>					
1 Pharmaceuticals	36	8080	8043	8013	99.5	100.4
2 Basic Inorganic Chemicals	8	2221	2223	2655	100.1	83.7
3 Fertilizers	7	5570	5534	5520	99.4	100.3
4 Paints & Varnishes	12	2354	2358	2311	100.2	102.0
5 Tyres & Tubes	6	1347	1339	1301	99.4	102.9
6 Soap	62	2847	2831	2883	99.4	98.2
7 Matches	2	493	491	484	99.6	101.4
8 Synthetic Fibre	4	1776	1775	1776	99.9	99.9
9 Petroleum Products	2	963	980	978	101.8	100.2
<b>VII Non-Metallic &amp; Mineral Products</b>	<b>21</b>					
1 Glass Sheets	9	1146	1147	613	100.1	187.1
2 Cement	12	7449	7426	8170	99.7	90.9
<b>VIII Engineering Products</b>	<b>458</b>					
1 Steel Bars/ Angles	40	1070	1067	1082	99.7	98.6
2 Fabricated Metal Products/HMC	1	16	16	16	100.0	100.0
3 Tractors	4	500	500	496	100.0	100.8
4 Automobile Cars/Trucks	1	1000	1000	1150	100.0	87.0
5 Diesel Engines	15	24	24	21	100.0	114.3
6 Motor Cycles	17	3328	3310	3097	99.5	106.9
7 Bicycles	3	686	686	686	100.0	100.0
8 Electric Fans	126	2210	2188	2260	99.0	96.8
9 Electric Transformers	3	2680	2680	2680	100.0	100.0
10 Electric Motors	30	192	190	215	99.0	88.4
11 Electric Meters	4	1200	1200	1200	100.0	100.0
12 Switch Gears	3	12	12	12	100.0	100.0
13 Washing Machines	20	282	280	292	99.3	95.9
15 Air-Conditioners/Refrigerators/Deep Freezer	10	2153	2153	2153	100.0	100.0
16 Safety Razor Blades	1	744	744	744	100.0	100.0
17 Agricultural Implements	151	413	412	442	99.8	93.2
18 Textiles Machinery	29	79	78	76	98.7	102.6
<b>Total</b>	<b>2041</b>	<b>285181</b>	<b>283882</b>	<b>283802</b>	<b>99.5</b>	<b>100.0</b>

**Table 6: Total Number of Production Workers Regarding Large-Scale Industries, July-2022, August-2022 and August-2021**

Groups/Items		No. of Units Covered in Aug: 2022	Jul: 2022	Aug: 2022	Aug: 2021	Index of Employment	
						Aug: 2022 with Jul: 2022	Aug: 2022 with Aug: 2021
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>					
1	Vegetable Ghee/Cooking Oil	44	3392	3354	3206	98.9	104.6
2	Dairy Products	8	1250	1272	1486	101.8	85.6
3	Wheat Milling	776	6104	6090	6074	99.8	100.3
4	Sugar	44	11924	10540	14365	88.4	73.4
5	Tea (Blended)	3	1016	1039	1148	102.3	90.5
6	Starch & its Products	2	1712	1699	1890	99.2	89.9
7	Soft Drinks & Juices	30	4413	4377	4322	99.2	101.3
8	Cigarettes	3	372	444	484	119.4	91.7
<b>II</b>	<b>Textiles</b>	<b>313</b>					
1	Cotton Textiles	285	133921	133766	131674	99.9	101.6
2	Woolen Textiles	21	726	720	989	99.2	72.8
3	Jute Textiles	7	4701	4697	3843	99.9	122.2
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
1	Leather Tanning	106	1629	1605	1725	98.5	93.0
2	Footwear	41	9476	9322	8935	98.4	104.3
<b>IV</b>	<b>Plywood</b>	<b>6</b>	<b>71</b>	<b>72</b>	<b>65</b>	<b>101.4</b>	<b>110.8</b>
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>					
1	Paper & Paper Board	47	3596	3625	3603	100.8	100.6
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>					
1	Pharmaceuticals	36	3313	3319	3190	100.2	104.0
2	Basic Inorganic Chemicals	8	1388	1385	2134	99.8	64.9
3	Fertilizers	7	3420	3736	3577	109.2	104.4
4	Paints & Varnishes	12	1255	1198	962	95.5	124.5
5	Tyres & Tubes	6	1053	1045	1011	99.2	103.4
6	Soap	62	2268	2256	2271	99.5	99.3
7	Matches	2	440	437	432	99.3	101.2
8	Synthetic Fibre	4	1472	1472	1470	100.0	100.1
9	Petroleum Products	2	477	493	490	103.4	100.6
<b>VII</b>	<b>Non-Metallic &amp; Mineral Products</b>	<b>21</b>					
1	Glass Sheets	9	826	832	447	100.7	186.1
2	Cement	12	4695	4699	5593	100.1	84.0
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>					
1	Steel Bars/ Angles	40	773	770	785	99.6	98.1
2	Fabricated Metal Products/HMC	1	11	11	11	100.0	100.0
3	Tractors	4	366	366	365	100.0	100.3
4	Automobile Cars/Trucks	1	700	700	860	100.0	81.4
5	Diesel Engines	15	16	16	15	100.0	106.7
6	Motor Cycles	17	2494	2488	2204	99.8	112.9
7	Bicycles	3	527	527	527	100.0	100.0
8	Electric Fans	126	1899	1886	1840	99.3	102.5
9	Electric Transformers	3	1980	1980	1980	100.0	100.0
10	Electric Motors	30	154	152	167	98.7	91.0
11	Electric Meters	4	955	955	955	100.0	100.0
12	Switch Gears	3	10	10	10	100.0	100.0
13	Washing Machines	20	215	210	206	97.7	101.9
15	Air-Conditioners/Refrigerators/Deep Freezer	10	1845	1845	1845	100.0	100.0
16	Safety Razor Blades	1	590	590	590	100.0	100.0
17	Agricultural Implements	151	337	336	353	99.7	95.2
18	Textiles Machinery	29	72	67	64	93.1	104.7
<b>Total</b>		<b>2041</b>	<b>217854</b>	<b>216403</b>	<b>218163</b>	<b>99.3</b>	<b>99.2</b>

**Table 7: Average Monthly Total Employment Regarding Large-Scale Industries, 2022-23 (Jul-Aug): VS 2021-22 (Jul-Aug):**

Groups/Items		No. of Units Covered in Aug: 2022	2022-23 (Jul-Aug)	2021-22 (Jul-Aug)	2022-23 ( Jul-Aug) with 2021-22 (Jul-Aug)
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>			
1	Vegetable Ghee/Cooking Oil	44	5355	5158	103.8
2	Dairy Products	8	1988	2661	74.7
3	Wheat Milling	776	10121	10006	101.2
4	Sugar	44	18648	20429	91.3
5	Tea (Blended)	3	1337	1457	91.7
6	Starch & its Products	2	1850	2034	91.0
7	Soft Drinks & Juices	30	8405	8304	101.2
8	Cigarettes	3	635	655	96.9
<b>II</b>	<b>Textiles</b>	<b>313</b>			
1	Cotton Textiles	285	159657	155349	102.8
2	Woolen Textiles	21	913	1278	71.4
3	Jute Textiles	7	5133	4318	118.9
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>			
1	Leather Tanning	106	2229	2449	91.0
2	Footwear	41	12352	11511	107.3
<b>IV</b>	<b>Plywood</b>	<b>6</b>	<b>88</b>	<b>86</b>	<b>101.7</b>
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>			
1	Paper & Paper Board	47	5063	5027	100.7
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>			
1	Pharmaceuticals	36	8062	8133	99.1
2	Basic Inorganic Chemicals	8	2222	2657	83.6
3	Fertilizers	7	5552	5501	100.9
4	Paints & Varnishes	12	2356	2318	101.7
5	Tyres & Tubes	6	1343	1298	103.5
6	Soap	62	2839	2879	98.6
7	Matches	2	492	467	105.5
8	Synthetic Fibre	4	1776	1776	100.0
9	Petroleum Products	2	972	981	99.0
<b>VII</b>	<b>Non-Metalic &amp; Mineral Products</b>	<b>21</b>			
1	Glass Sheets	9	1147	613	187.0
2	Cement	12	7438	8190	90.8
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>			
1	Steel Bars/ Angles	40	1069	1097	97.4
2	Fabricated Metal Products/HMC	1	16	16	103.2
3	Tractors	4	500	498	100.4
4	Automobile Cars/Trucks	1	1000	1150	87.0
5	Diesel Engines	15	24	21	114.3
6	Motor Cycles	17	3319	3089	107.5
7	Bicycles	3	686	686	100.0
8	Electric Fans	126	2199	2273	96.8
9	Electric Transformers	3	2680	2680	100.0
10	Electric Motors	30	191	215	88.8
11	Electric Meters	4	1200	1200	100.0
12	Switch Gears	3	12	12	100.0
13	Washing Machines	20	281	291	96.6
15	Air-Conditioners/Refrigerators/Deep Freezers	10	2153	2153	100.0
16	Safety Razor Blades	1	744	744	100.0
17	Agricultural Implements	151	413	434	95.2
18	Textiles Machinery	29	79	75	104.7
<b>Total</b>		<b>2041</b>	<b>284532</b>	<b>282163</b>	<b>100.8</b>

**Table 8: Average Monthly Number of Production Workers Regarding Large-Scale Industries, 2022-23 (Jul-Aug): VS 2021-22 (Jul-Aug):**

Groups/Items		No. of Units Covered in Aug: 2022	2022-23 (Jul-Aug)	2021-22 (Jul-Aug)	2022-23 ( Jul-Aug) with 2021-22 (Jul-Aug)
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>			
1	Vegetable Ghee/Cooking Oil	44	3373	3158	106.8
2	Dairy Products	8	1261	1510	83.5
3	Wheat Milling	776	6097	6098	100.0
4	Sugar	44	11232	12657	88.7
5	Tea (Blended)	3	1028	1148	89.5
6	Starch & its Products	2	1706	1895	90.0
7	Soft Drinks & Juices	30	4395	4332	101.5
8	Cigarettes	3	408	485	84.1
<b>II</b>	<b>Textiles</b>	<b>313</b>			
1	Cotton Textiles	285	133844	131148	102.1
2	Woolen Textiles	21	723	994	72.7
3	Jute Textiles	7	4699	3971	118.3
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>			
1	Leather Tanning	106	1617	1752	92.3
2	Footwear	41	9399	8836	106.4
<b>IV</b>	<b>Plywood</b>	<b>6</b>	72	65	110.0
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>			
1	Paper & Paper Board	47	3611	3604	100.2
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>			
1	Pharmaceuticals	36	3316	3248	102.1
2	Basic Inorganic Chemicals	8	1387	2134	65.0
3	Fertilizers	7	3578	3564	100.4
4	Paints & Varnishes	12	1227	967	126.9
5	Tyres & Tubes	6	1049	1008	104.1
6	Soap	62	2262	2266	99.8
7	Matches	2	439	410	107.1
8	Synthetic Fibre	4	1472	1471	100.1
9	Petroleum Products	2	485	449	108.1
<b>VII</b>	<b>Non-Metalic &amp; Mineral Products</b>	<b>21</b>			
1	Glass Sheets	9	829	447	185.5
2	Cement	12	4697	5607	83.8
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>			
1	Steel Bars/ Angles	40	772	798	96.7
2	Fabricated Metal Products/HMC	1	11	11	104.8
3	Tractors	4	366	361	101.5
4	Automobile Cars/Trucks	1	700	860	81.4
5	Diesel Engines	15	16	15	106.7
6	Motor Cycles	17	2491	2192	113.6
7	Bicycles	3	527	527	100.0
8	Electric Fans	126	1893	1845	102.6
9	Electric Transformers	3	1980	1980	100.0
10	Electric Motors	30	153	168	91.3
11	Electric Meters	4	955	955	100.0
12	Switch Gears	3	10	10	100.0
13	Washing Machines	20	213	206	103.4
15	Air-Conditioners/Refrigerators/Deep Freezers	10	1845	1845	100.0
16	Safety Razor Blades	1	590	590	100.0
17	Agricultural Implements	151	337	346	97.3
18	Textiles Machinery	29	70	63	110.3
<b>Total</b>		<b>2041</b>	<b>217129</b>	<b>215986</b>	<b>100.5</b>

**LIST OF IMPORTANT TELEPHONES  
BUREAU OF STATISTICS, PUNJAB AND ITS FIELD OFFICES**

<b>NAME OF OFFICERS</b>	<b>DESIGNATION</b>	<b>OFFICE TELEPHONE</b>
Sajid Rasul	Director General	042-99232901
Saira Abid	Deputy Director (CIS)	042-99232907
Sana Gull	Assistant Director (CIS)	-do-
Sana Ashraf	Statistical Officer (CIS)	-do-
Rizwan Bashir	Statistical Officer (CIS)	-do-
Muhammad Kashif	Statistical Officer (CIS)	-do-
Mehboob Baig	Statistical Officer (CIS)	-do-
<b>DESIGNATION</b>	<b>BUREAU'S FIELD OFFICES/ADDRESS</b>	
Deputy Director	Tosha Khana Near Cholistan Development Authority, <b>Bahawalpur</b>	062-9250193
Deputy Director	House No. 70-A, Khyaban-e-Sarwar, <b>Dera Ghazi Khan</b>	064-9330108
Deputy Director	2nd Floor Azam Plaza, Near Passport Office, Bukhari Road, <b>Gujranwala</b>	055-9200419
Deputy Director	P-45, Main Road, Al Faiz Colony, Satiana Road <b>Faisalabad</b>	041-9330531
Deputy Director	Near Circuit House, <b>Multan</b>	061-9200930
Deputy Director	Abad Complex Murree Road, <b>Rawalpindi</b>	051-9292035
Deputy Director	52 Umar Park, <b>Sargodha</b>	048-3765387
Deputy Director	34-H Shadman Town, <b>Sahiwal</b>	0404-4507560
Assistant Director	House No. 24, Z-Block, Model Town, <b>Bahawalnagar</b>	063-9330002
Assistant Director	Mohallah Mandi Town, House No.198 Block No. 12 Near Pracha Filling Station, Jhang Road, <b>Bhakkar</b>	0453-9200338
Assistant Director	Street No.4, 2nd Floor Mohallah Shumali Chah Loharn Behkari Road, <b>Chakwal</b>	0543-554086
Assistant Director	House No.720-A Gulberg Colony, <b>Kasur</b>	049-2723615
Assistant Director	House No. 190, Employees Colony, <b>Layyah</b>	0606-920273
Assistant Director	Gallah Huntar Pura, Opposite Larri Adda, Christian Town, <b>Sialkot</b>	052-4291219
Assistant Director	Opposite Govt. Vocational College, Nabi Pura, Hiran Minar Road, <b>Sheikhupura</b>	056-3791770