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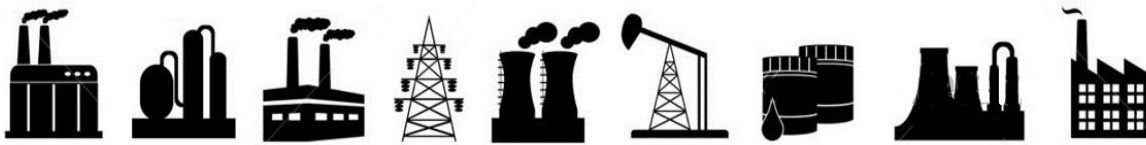
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**August 2021**



**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 45 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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## **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 45 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.

## II

### **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 Laspeyres'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 shifted 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.

### III

#### 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, an analytical note on the performance of the Industrial Sector in the province, seven tables, and a 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 the 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 a 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 a large-scale industry.

### **Employment**

This item includes all full time and part time employees on the payrolls of operating manufacturing establishments 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 businesses 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 not 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 who 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.



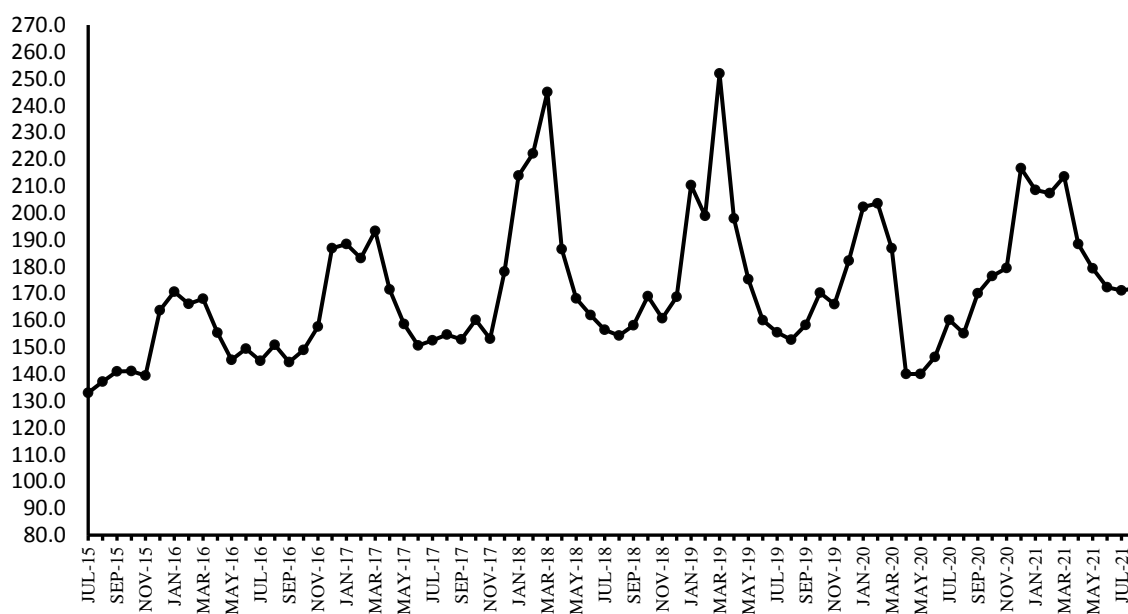
**TABLE 1: GENERAL INDEX OF INDUSTRIAL PRODUCTION**  
**FOR THE PERIOD JULY 2015 – AUGUST 2021**  
**(2005-06=100)**

MONTH/ YEAR	2015 - 16	2016 - 17	2017 - 18	2018 - 19	2019 - 20	2020 - 21	2021 - 22
<b>JUL:</b>	133.0	144.9	152.5	156.5	155.5	160.2	171.1
<b>AUG:</b>	137.1	150.8	154.7	154.3	152.8	155.2	171.9
<b>SEP:</b>	141.0	144.4	152.9	158.1	159.3	170.0	
<b>OCT:</b>	141.1	148.9	160.1	168.7	171.7	176.5	
<b>NOV:</b>	139.4	157.6	153.1	160.6	167.8	179.5	
<b>DEC:</b>	163.7	186.9	178.1	168.7	182.2	216.6	
<b>JAN:</b>	170.6	188.4	213.9	210.3	202.2	208.5	
<b>FEB:</b>	166.1	183.2	222.1	198.9	203.5	207.4	
<b>MAR:</b>	168.0	193.3	245.0	251.9	186.9	213.6	
<b>APR:</b>	155.4	171.5	186.5	197.9	140.0	188.4	
<b>MAY:</b>	145.2	158.6	168.2	175.3	140.0	179.3	
<b>JUN:</b>	149.4	150.6	161.9	160.0	146.3	172.3	
<b>Average*</b>	<b>150.3</b>	<b>164.0</b>	<b>176.8</b>	<b>178.1</b>	<b>166.0</b>	<b>184.5</b>	<b>171.5</b>

\* = Geometric Mean

**Fig. 1** **Graph of Quantum Index of Manufacturing Industries.**

(2005-06=100)



*Figure: Graph of QIM for the period of July 2015 to August 2021*

## **ANALYTICAL ANALYSIS**

### **INDUSTRIAL PRODUCTION AND EMPLOYMENT (August 2021)**

#### **Coverage**

This report covers 2041 industrial units pertaining to large scale industries which contribute about 72 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-2021 stood at 171.9 against 171.1 and 155.2 as compared to July-2021 and August-2020 respectively. Index Series since July-2015 is given in Table-1 on previous page.

#### **Production August 2021 VS July 2021 (Table-2)**

Overall production during the month of August-2021 was 0.5 percent higher than July-2021.

The production was lower in case of Dairy Products (17.6%), Wheat Milling (9.7%), Soft Drinks & Juices (10.6%), Cigarettes (13.4%), Steel Bars/ Angles (7.7%), Fabricated Metal Products/HMC (21.9%), Electric Fans (8.5%), Electric Meters (14.9%), Air-Conditioners (20.5%), Refrigerators/Deep Freezers (16.9%) and Agricultural Implements (5.2%).

The production was higher in case of Vegetable Ghee/Cooking Oil (5.4%), Starch & its Products (11.5%), Woolen Textiles (9.7%), Jute Textiles (7.7%), Upper Leather (20.0%), Paper & Paper Board (39.4%), Paints & Varnishes (22.9%), Petroleum Products (8.0%), Automobiles Cars/Trucks (5.6%) and Diesel Engines (6.8%).

#### **Production August 2021 VS August 2020 (Table-3)**

Overall production during August-2021 was 10.7 percent higher than August-2020.

The production was lower in case of Fertilizers (6.9%), Tyres & Tubes (12.0%), and Electric Motors (23.3%).

The production was higher in case of Vegetable Ghee/Cooking Oil (5.6%), Wheat Milling (12.9%), Starch & its Products (17.2%), Soft Drinks and Juices (28.0%), Cotton/M.M Blended Yarn (5.9%), Cloth/M.M Blended Cloth (14.6%), Woolen Textiles (22.0%), Upper Leather (55.4%), Footwear (23.3%), Ply Wood (9.8%), Paper & Paper Board (29.5%), Pharmaceuticals (16.5%), Soap (7.3%), Petroleum Products (7.1%), Glass Sheet (9.8%), Cement (22.9%), Steel Bars/Angles (13.8%), Fabricated Metal Products/HMC (72.4%), Tractors (177.3%), Automobiles Cars/Trucks (46.2%), Motor Cycles (30.9%), Bicycles (107.4%), Electric Fans (14.9%), Air-Conditioners (50.7%), Refrigerators/Deep Freezers (38.8%), Safety Razor Blades (13.5%) and Agricultural Implements (9.3%).

### **Production July-August 2021-22 VS July-August 2020-21 (Table-4)**

Overall production during July-August (2021-22) was 8.8 percent higher than July-August (2020-21).

The Production was lower in case of Jute Textiles (12.7%), Paints & Varnishes (7.0%), Tyre & Tubes (11.9%), Fabricated Metal Products/HMC (13.6%) and Electric Motors (15.7%).

The production was higher in case of Wheat Milling (6.8%), Soft Drinks & Juices (28.3%), Cloth/M.M Blended Yarn (8.4%), Cloth/M.M Blended Cloth (12.7%), Woolen Textiles (23.8%), Upper Leather (43.1%), Footwear (22.4%), Ply Wood (16.4%), Paper & Paper Board (9.4%), Pharmaceuticals (7.1%), Synthetic Fibre (22.1%), Petroleum Products (8.2%), Glass Sheets (8.6%), Cement (6.2%), Steel Bars/ Angles (15.9%), Tractors (182.7%), Automobiles Cars/Trucks (54.2%), Diesel Engines (7.0%), Motor Cycles (27.8%), Bicycles (103.7%), Electric Fans (11.9%), Refrigerators/Deep Freezers (21.7%), Safety Razor Blades (14.2%) and Agricultural Implements (16.6%).

### **Employment August 2021 VS July 2021 and August 2020 (Table-5)**

Total employment during August 2021 was 1.2 percent and 2.4 percent higher than July 2021 and August 2020 respectively.

### **Average Employment July-August 2021-22 VS July-August 2020-21 (Table-7)**

Average monthly employment during the period of July-August (2021-22) was 2.0 percent higher than the corresponding period of the previous year.

**Table 2: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2021 VS July 2021**

Group/Items	No. of Units Covered in Aug: 2021	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2021 with Jul: 2021
				Aug: 2021	Jul: 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>83207</b>	<b>78926</b>	<b>105.4</b>
i) Vegetable Ghee	44		M.Tons	68008	64561	105.3
ii) Cooking Oil	18		M.Tons	15199	14365	105.8
<b>2 Dairy Products</b>	<b>8</b>	<b>4.13</b>				<b>82.4</b>
i) Process/UHT Milk		1.62	`000` Litres	47679	45443	104.9
ii) Milk Powder		0.87	M.Tons	697	807	86.4
iii) Chees		0.01	M.Tons	603	545	110.6
iv) Butter/ Desi Ghee		0.33	M.Tons	142	216	65.7
v) Cream		1.04	M.Tons	629	901	69.8
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>883273</b>	<b>978581</b>	<b>90.3</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>5932</b>	<b>5105</b>	<b>116.2</b>
<b>6 Starch &amp; its Products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>33632</b>	<b>30175</b>	<b>111.5</b>
i) Starch			M.Tons	20331	17197	118.2
ii) Glucose			M.Tons	13301	12978	102.5
<b>7 Soft Drinks &amp; Juices</b>	<b>30</b>	<b>0.82</b>	<b>`000` Litres</b>	<b>247468</b>	<b>276788</b>	<b>89.4</b>
i) 7-up Coca Cola etc.	19		`000` Litres	222993	252003	88.5
ii) Fruit Juices	19		`000` Litres	22278	23753	93.8
iii) Syrups & Squashes	2		`000` Litres	2197	1032	212.9
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M. Nos</b>	<b>1686</b>	<b>1948</b>	<b>86.6</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	136241	138692	98.2
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	65795	63469	103.7
<b>2 Woolen Textiles</b>	<b>21</b>	<b>0.52</b>	<b>M.Tons</b>	<b>692</b>	<b>631</b>	<b>109.7</b>
i) Woolen Yarn	14		M.Tons	660	595	110.9
ii) Knitting Wool	3		M.Tons	12	15	80.0
iii) Woolen & Worsted Cloth	14		M.Tons	20	21	95.2
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>3082</b>	<b>2862</b>	<b>107.7</b>
i) Jute Sacking				1924	1800	106.9
ii) Jute Hessian				799	720	111.0
iii) Jute Twine				359	342	105.0
<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.	743	619	120.0
ii) Sole Leather	11		M.Tons	14	14	100.0
<b>2 Footwear</b>	<b>41</b>	<b>0.90</b>	<b>000 Pairs</b>	<b>2332</b>	<b>2329</b>	<b>100.1</b>
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>561</b>	<b>544</b>	<b>103.1</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>66228</b>	<b>47503</b>	<b>139.4</b>
<b>1 Paper</b>				<b>17645</b>	<b>13887</b>	<b>127.1</b>
i) Writing			M.Tons	8201	6992	117.3
ii) Printing			M.Tons	4229	2878	146.9
iii) Packing & Others			M.Tons	5215	4017	129.8
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>48583</b>	<b>33616</b>	<b>144.5</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>				<b>105.0</b>
i) Tablets	28	0.38	000 Nos.	263232	242868	108.4
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	1249	1391	89.8
iii) Capsules	19	0.08	000 Nos.	36537	39093	93.5
iv) Injections	12	0.14	000 Nos.	13877	10024	138.4
v) Ointments	7	0.03	Kgs.	47480	48632	97.6
vi) Galenicals	6	0.04	000 Ltrs.	5	3	166.7
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>8</b>	<b>1.34</b>		<b>99186</b>	<b>101542</b>	<b>97.7</b>
i) Caustic Soda	2		M.Tons	17603	18248	96.5
ii) Hydrochloric Acid	2		M.Tons	30350	33249	91.3
iii) Chlorine Liquids	2		M.Tons	1452	1404	103.4
iv) Soda Ash	2		M.Tons	43308	41661	104.0
v) Sulphuric Acid	5		M.Tons	6473	6980	92.7

Group/Items	No. of Units Covered in Aug: 2021	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2021 with Jul: 2021
				Aug: 2021	Jul: 2021	
<b>3 Fertilizers</b>	<b>7</b>	<b>7.18</b>	<b>M.Tons</b>	<b>408776</b>	<b>415733</b>	<b>98.3</b>
i) Urea	4		M.Tons	260817	267660	97.4
ii) Amm. Nitrate	1		M.Tons	67741	68776	98.5
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	3860	2870	134.5
v) Nitro Phosphate	1		M.Tons	76358	76427	99.9
<b>4 Paints &amp; Varnishes</b>	<b>12</b>	<b>0.65</b>		<b>9917</b>	<b>8071</b>	<b>122.9</b>
i) Paints		0.01	M.Tons	7145	5444	131.2
			`000` Litres	2743	2594	105.7
ii) Varnishes		1.04	M.Tons	10	12	83.3
		0.26	`000` Litres	19	21	90.5
<b>5 Tyres &amp; Tubes</b>	<b>6</b>	<b>0.12</b>	<b>`000` Nos.</b>	<b>3122</b>	<b>3107</b>	<b>100.5</b>
i) Cycle Tyres				304	300	101.3
ii) Automobile Tyres				420	418	100.5
iii) Cycle Tubes				564	557	101.3
iv) Automobile Tubes				1834	1832	100.1
<b>6 Soap</b>	<b>62</b>	<b>0.07</b>	<b>M.Tons</b>	<b>22328</b>	<b>22267</b>	<b>100.3</b>
i) Toilet Soap	7			3740	3716	100.6
ii) Washing Soap	62			18588	18551	100.2
<b>7 Matches</b>	<b>2</b>	<b>0.00</b>	<b>M. Box * 40 Sticks</b>	<b>332</b>	<b>399</b>	<b>83.2</b>
<b>8 Synthetic Fibre</b>	<b>4</b>	<b>0.95</b>	<b>M.Tons</b>	<b>43346</b>	<b>43700</b>	<b>99.2</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>`000` Litres</b>	<b>623433</b>	<b>577191</b>	<b>108.0</b>
i) Petrol (LPG)			`000` Litres	15064	15379	98.0
ii) J.P.			`000` Litres	27644	25171	109.8
iii) White Kerosene			`000` Litres	4772	7996	59.7
iv) H.S. Diesel			`000` Litres	257750	239645	107.6
v) Diesel Fuel			`000` Litres	872	676	129.0
vi) Furnace Fuel			`000` Litres	135272	114294	118.4
vii) Solvent Oil			`000` Litres	0	0	
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	8700	5521	157.6
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	173359	168509	102.9
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>9619</b>	<b>9602</b>	<b>100.2</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>1974246</b>	<b>1896820</b>	<b>104.1</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>24691</b>	<b>26742</b>	<b>92.3</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>1</b>	<b>0.53</b>	<b>M.Tons</b>	<b>50</b>	<b>64</b>	<b>78.1</b>
<b>3 Tractors</b>	<b>4</b>	<b>0.86</b>	<b>Nos.</b>	<b>3172</b>	<b>3150</b>	<b>100.7</b>
<b>4 Automobiles Cars/Trucks</b>	<b>1</b>	<b>1.65</b>	<b>Nos.</b>	<b>1900</b>	<b>1800</b>	<b>105.6</b>
<b>5 Diesel Engines</b>	<b>15</b>	<b>0.06</b>	<b>Nos.</b>	<b>126</b>	<b>118</b>	<b>106.8</b>
<b>6 Motor Cycles</b>	<b>17</b>	<b>0.13</b>	<b>Nos.</b>	<b>142802</b>	<b>140857</b>	<b>101.4</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos.</b>	<b>10700</b>	<b>10400</b>	<b>102.9</b>
<b>8 Electric Fans</b>	<b>126</b>	<b>0.11</b>	<b>Nos.</b>	<b>265414</b>	<b>290116</b>	<b>91.5</b>
i) Ceiling				140165	149167	94.0
ii) Pedestal				40919	50444	81.1
iii) Others				84330	90505	93.2
<b>9 Electric Transformers</b>	<b>3</b>	<b>0.00</b>	<b>Nos.</b>	<b>1880</b>	<b>1910</b>	<b>98.4</b>
<b>10 Electric Motors</b>	<b>30</b>	<b>0.52</b>	<b>Nos.</b>	<b>2257</b>	<b>2344</b>	<b>96.3</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos.</b>	<b>799</b>	<b>788</b>	<b>101.4</b>
<b>12 Washing Machines</b>	<b>20</b>	<b>0.00</b>	<b>Nos.</b>	<b>47444</b>	<b>46187</b>	<b>102.7</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos.</b>	<b>127947</b>	<b>150393</b>	<b>85.1</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos.</b>	<b>28000</b>	<b>35200</b>	<b>79.5</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>5</b>	<b>0.31</b>	<b>Nos.</b>	<b>76299</b>	<b>91770</b>	<b>83.1</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>Mill. Nos.</b>	<b>101</b>	<b>100</b>	<b>101.0</b>
<b>17 Agricultural Implements</b>	<b>151</b>	<b>0.38</b>	<b>Nos.</b>	<b>1313</b>	<b>1385</b>	<b>94.8</b>
i) Chaff Cutter	54			836	949	88.1
ii) Sugarcane Machines	35			6	5	120.0
iii) Wheat Thrashers	30			8	15	53.3
iv) Others (Misc. Imp.)	43			463	416	111.3
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>42</b>	<b>41</b>	<b>102.4</b>
i) Power Looms	20		Nos.	38	37	102.7
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>171.9</b>	<b>171.1</b>	<b>100.5</b>

**Table 3: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2021 VS August 2020**

Group/Items	No. of Units Covered in Aug: 2021	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2021 with Aug: 2020
				Aug: 2021	Aug: 2020	
<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>83207</b>	<b>78772</b>	<b>105.6</b>
i) Vegetable Ghee	44		M.Tons	68008	64469	105.5
ii) Cooking Oil	18		M.Tons	15199	14303	106.3
<b>2 Dairy Products</b>	<b>8</b>	<b>4.13</b>				<b>103.1</b>
i) Process/UHT Milk		1.62	`000` Litres	47679	44203	107.9
ii) Milk Powder		0.87	M.Tons	697	730	95.5
iii) Chees		0.01	M.Tons	603	669	90.1
iv) Butter/ Desi Ghee		0.33	M.Tons	142	94	151.1
v) Cream		1.04	M.Tons	629	557	112.9
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>883273</b>	<b>782695</b>	<b>112.9</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>5932</b>	<b>5143</b>	<b>115.3</b>
<b>6 Starch &amp; its Products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>33632</b>	<b>28698</b>	<b>117.2</b>
i) Starch			M.Tons	20331	17079	119.0
ii) Glucose			M.Tons	13301	11619	114.5
<b>7 Soft Drinks &amp; Juices</b>	<b>30</b>	<b>0.82</b>	<b>`000` Litres</b>	<b>247468</b>	<b>193323</b>	<b>128.0</b>
i) 7-up Coca Cola etc.	19		`000` Litres	222993	178619	124.8
ii) Fruit Juices	19		`000` Litres	22278	14553	153.1
iii) Syrups & Squashes	2		`000` Litres	2197	151	1455.0
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M. Nos</b>	<b>1686</b>	<b>1732</b>	<b>97.3</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	136241	128602	105.9
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	65795	57418	114.6
<b>2 Woolen Textiles</b>	<b>21</b>	<b>0.52</b>	<b>M.Tons</b>	<b>692</b>	<b>567</b>	<b>122.0</b>
i) Woolen Yarn	14		M.Tons	660	539	122.4
ii) Knitting Wool			M.Tons	12	20	60.0
iii) Woolen & Worsted Cloth	14		M.Tons	20	8	250.0
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>3082</b>	<b>3023</b>	<b>102.0</b>
i) Jute Sacking				1924	1542	124.8
ii) Jute Hessian				799	915	87.3
iii) Jute Twine				359	566	63.4
<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.	743	478	155.4
ii) Sole Leather	11		M.Tons	14	14	100.0
<b>2 Footwear</b>	<b>41</b>	<b>0.90</b>	<b>000 Pairs</b>	<b>2332</b>	<b>1891</b>	<b>123.3</b>
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>561</b>	<b>511</b>	<b>109.8</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>66228</b>	<b>51130</b>	<b>129.5</b>
<b>1 Paper</b>				<b>17645</b>	<b>11600</b>	<b>152.1</b>
i) Writing			M.Tons	8201	4910	167.0
ii) Printing			M.Tons	4229	2848	148.5
iii) Packing & Others			M.Tons	5215	3842	135.7
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>48583</b>	<b>39530</b>	<b>122.9</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>				<b>116.5</b>
i) Tablets	28	0.38	000 Nos.	263232	234742	112.1
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	1249	1084	115.2
iii) Capsules	19	0.08	000 Nos.	36537	34787	105.0
iv) Injections	12	0.14	000 Nos.	13877	9987	139.0
v) Ointments	7	0.03	Kgs.	47480	45092	105.3
vi) Galenicals	6	0.04	000 Ltrs.	5	4	125.0
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>8</b>	<b>1.34</b>		<b>99186</b>	<b>97675</b>	<b>101.5</b>
i) Caustic Soda	2		M.Tons	17603	18865	93.3
ii) Hydrochloric Acid	2		M.Tons	30350	34426	88.2
iii) Chlorine Liquids	2		M.Tons	1452	1381	105.1
iv) Soda Ash	2		M.Tons	43308	41730	103.8
v) Sulphuric Acid	5		M.Tons	6473	1273	508.5

Group/Items	No. of Units Covered in Aug: 2021	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2021 with Aug: 2020
				Aug: 2021	Aug: 2020	
<b>3 Fertilizers</b>	<b>7</b>	<b>7.18</b>	<b>M.Tons</b>	<b>408776</b>	<b>439275</b>	<b>93.1</b>
i) Urea	4		M.Tons	260817	293873	88.8
ii) Amm. Nitrate	1		M.Tons	67741	67858	99.8
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	3860	0	
v) Nitro Phosphate	1		M.Tons	76358	77544	98.5
<b>4 Paints &amp; Varnishes</b>	<b>12</b>	<b>0.65</b>		<b>9917</b>	<b>10343</b>	<b>95.9</b>
i) Paints		0.01	M.Tons	7145	7365	97.0
			`000` Litres	2743	2953	92.9
ii) Varnishes		1.04	M.Tons	10	9	111.1
		0.26	`000` Litres	19	16	118.8
<b>5 Tyres &amp; Tubes</b>	<b>6</b>	<b>0.12</b>	<b>`000` Nos.</b>	<b>3122</b>	<b>3547</b>	<b>88.0</b>
i) Cycle Tyres				304	300	101.3
ii) Automobile Tyres				420	778	54.0
iii) CycleTubes				564	606	93.1
iv) Automobile Tubes				1834	1863	98.4
<b>6 Soap</b>	<b>62</b>	<b>0.07</b>	<b>M.Tons</b>	<b>22328</b>	<b>20812</b>	<b>107.3</b>
i) Toilet Soap	7			3740	3309	113.0
ii) Washing Soap	62			18588	17503	106.2
<b>7 Matches</b>	<b>2</b>	<b>0.00</b>	<b>M. Box * 40 Sticks</b>	<b>332</b>	<b>333</b>	<b>99.7</b>
<b>8 Synthetic Fibre</b>	<b>4</b>	<b>0.95</b>	<b>M.Tons</b>	<b>43346</b>	<b>41864</b>	<b>103.5</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>`000` Litres</b>	<b>623433</b>	<b>582286</b>	<b>107.1</b>
i) Petrol (LPG)			`000` Litres	15064	15029	100.2
ii) J.P.			`000` Litres	27644	20289	136.3
iii) White Kerosene			`000` Litres	4772	7514	63.5
iv) H.S. Diesel			`000` Litres	257750	244307	105.5
v) Diesel Fuel			`000` Litres	872	1071	81.4
vi) Furnace Fuel			`000` Litres	135272	123578	109.5
vii) Solvent Oil			`000` Litres	0	266	
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	8700	7457	116.7
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	173359	162775	106.5
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>9619</b>	<b>8760</b>	<b>109.8</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>1974246</b>	<b>1606770</b>	<b>122.9</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>24691</b>	<b>21705</b>	<b>113.8</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>1</b>	<b>0.53</b>	<b>M.Tons</b>	<b>50</b>	<b>29</b>	<b>172.4</b>
<b>3 Tractors</b>	<b>4</b>	<b>0.86</b>	<b>Nos.</b>	<b>3172</b>	<b>1144</b>	<b>277.3</b>
<b>4 Automobiles Cars/Trucks</b>	<b>1</b>	<b>1.65</b>	<b>Nos.</b>	<b>1900</b>	<b>1300</b>	<b>146.2</b>
<b>5 Diesel Engines</b>	<b>15</b>	<b>0.06</b>	<b>Nos.</b>	<b>126</b>	<b>132</b>	<b>95.5</b>
<b>6 Motor Cycles</b>	<b>17</b>	<b>0.13</b>	<b>Nos.</b>	<b>142802</b>	<b>109083</b>	<b>130.9</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos.</b>	<b>10700</b>	<b>5160</b>	<b>207.4</b>
<b>8 Electric Fans</b>	<b>126</b>	<b>0.11</b>	<b>Nos.</b>	<b>265414</b>	<b>231015</b>	<b>114.9</b>
i) Ceiling				140165	147932	94.7
ii) Pedestal				40919	26691	153.3
iii) Others				84330	56392	149.5
<b>9 Electric Transformers</b>	<b>3</b>	<b>0.00</b>	<b>Nos.</b>	<b>1880</b>	<b>2405</b>	<b>78.2</b>
<b>10 Electric Motors</b>	<b>30</b>	<b>0.52</b>	<b>Nos.</b>	<b>2257</b>	<b>2942</b>	<b>76.7</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos.</b>	<b>799</b>	<b>350</b>	<b>228.3</b>
<b>12 Washing Machines</b>	<b>20</b>	<b>0.00</b>	<b>Nos.</b>	<b>47444</b>	<b>40892</b>	<b>116.0</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos.</b>	<b>127947</b>	<b>132163</b>	<b>96.8</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos.</b>	<b>28000</b>	<b>18580</b>	<b>150.7</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>5</b>	<b>0.31</b>	<b>Nos.</b>	<b>76299</b>	<b>54952</b>	<b>138.8</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>Mill. Nos.</b>	<b>101</b>	<b>89</b>	<b>113.5</b>
<b>17 Agricultural Implements</b>	<b>151</b>	<b>0.38</b>	<b>Nos.</b>	<b>1313</b>	<b>1201</b>	<b>109.3</b>
i) Chaff Cutter	54			836	862	97.0
ii) Sugarcane Machines	35			6	13	46.2
iii) Wheat Thrashers	30			8	13	61.5
iv) Others (Misc. Imp.)	43			463	313	
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>42</b>	<b>24</b>	<b>175.0</b>
i) Power Looms	20		Nos.	38	20	190.0
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>171.9</b>	<b>155.2</b>	<b>110.7</b>

**Table 4: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, 2021-22 (Jul-Aug:) VS 2020-21 (Jul-Aug:)**

Group/Items	No. of Units Covered in Aug: 2021	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in 2021-22 (Jul-Aug:) with 2020-21 (Jul-Aug:)=100
				2021-22 (Jul-Aug:)	2020-21 (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>162133</b>	<b>165206</b>	<b>98.1</b>
i) Vegetable Ghee	44		M.Tons	132569	134686	98.4
ii) Cooking Oil	18		M.Tons	29564	30520	96.9
<b>2 Dairy Products</b>	<b>8</b>	<b>4.13</b>				<b>101.3</b>
i) Process/UHT Milk		1.62	`000` Litres	93122	89363	104.2
ii) Milk Powder		0.87	M.Tons	1504	1658	90.7
iii) Chees		0.01	M.Tons	1148	1159	99.1
iv) Butter/ Desi Ghee		0.33	M.Tons	358	387	92.5
v) Cream		1.04	M.Tons	1530	1143	133.9
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>1861854</b>	<b>1743829</b>	<b>106.8</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>11037</b>	<b>9740</b>	<b>113.3</b>
<b>6 Starch &amp; its Products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>63807</b>	<b>64179</b>	<b>99.4</b>
i) Starch			M.Tons	37528	38736	96.9
ii) Glucose			M.Tons	26279	25443	103.3
<b>7 Soft Drinks &amp; Juices</b>	<b>30</b>	<b>0.82</b>	<b>`000` Litres</b>	<b>524256</b>	<b>408645</b>	<b>128.3</b>
i) 7-up Coca Cola etc.	19		`000` Litres	474996	378528	125.5
ii) Fruit Juices	19		`000` Litres	46031	29822	154.4
iii) Syrups & Squashes	2		`000` Litres	3229	295	1094.6
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M. Nos</b>	<b>3634</b>	<b>3765</b>	<b>96.5</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	274933	253718	108.4
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	129264	114710	112.7
<b>2 Woolen Textiles</b>	<b>21</b>	<b>0.52</b>	<b>M.Tons</b>	<b>1323</b>	<b>1069</b>	<b>123.8</b>
i) Woolen Yarn	14		M.Tons	1255	1015	123.6
ii) Knitting Wool			M.Tons	27	38	71.1
iii) Woolen & Worsted Cloth	14		M.Tons	41	16	256.3
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>5944</b>	<b>6808</b>	<b>87.3</b>
i) Jute Sacking				3724	3553	104.8
ii) Jute Hessian				1519	2014	75.4
iii) Jute Twine				701	1241	56.5
<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.	1362	952	143.1
ii) Sole Leather	11		M.Tons	28	28	100.0
<b>2 Footwear</b>	<b>41</b>	<b>0.90</b>	<b>000 Pairs</b>	<b>4661</b>	<b>3808</b>	<b>122.4</b>
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>1105</b>	<b>949</b>	<b>116.4</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>113731</b>	<b>103988</b>	<b>109.4</b>
<b>1 Paper</b>				<b>31532</b>	<b>23649</b>	<b>133.3</b>
i) Writing			M.Tons	15193	7637	198.9
ii) Printing			M.Tons	7107	6718	105.8
iii) Packing & Others			M.Tons	9232	9294	99.3
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>82199</b>	<b>80339</b>	<b>102.3</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>				<b>107.1</b>
i) Tablets	28	0.38	000 Nos.	506100	478247	105.8
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	2640	2407	109.7
iii) Capsules	19	0.08	000 Nos.	75630	74978	100.9
iv) Injections	12	0.14	000 Nos.	23901	19798	120.7
v) Ointments	7	0.03	Kgs.	96112	95154	101.0
vi) Galenicals	6	0.04	000 Ltrs.	8	14	57.1
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>8</b>	<b>1.34</b>		<b>200728</b>	<b>191661</b>	<b>104.7</b>
i) Caustic Soda	2		M.Tons	35851	36119	99.3
ii) Hydrochloric Acid	2		M.Tons	63599	66472	95.7
iii) Chlorine Liquids	2		M.Tons	2856	2561	111.5
iv) Soda Ash	2		M.Tons	84969	83177	102.2
v) Sulphuric Acid	5		M.Tons	13453	3332	403.8



Group/Items	No. of Units Covered in Aug: 2021	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in 2021-22 (Jul-Aug:) with 2020-21 (Jul-Aug:)=100
				2021-22 (Jul-Aug:)	2020-21 (Jul-Aug:)	
<b>3 Fertilizers</b>	<b>7</b>	<b>7.18</b>	<b>M.Tons</b>	<b>824509</b>	<b>831251</b>	<b>99.2</b>
i) Urea	4		M.Tons	528477	555169	95.2
ii) Amm. Nitrate	1		M.Tons	136517	129560	105.4
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	6730	0	
v) Nitro Phosphate	1		M.Tons	152785	146522	104.3
<b>4 Paints &amp; Varnishes</b>	<b>12</b>	<b>0.65</b>		<b>17988</b>	<b>19347</b>	<b>93.0</b>
i) Paints		0.01	M.Tons	12589	13753	91.5
			`000` Litres	5337	5545	96.2
ii) Varnishes		1.04	M.Tons	22	18	122.2
		0.26	`000` Litres	40	31	129.0
<b>5 Tyres &amp; Tubes</b>	<b>6</b>	<b>0.12</b>	<b>`000` Nos.</b>	<b>6229</b>	<b>7073</b>	<b>88.1</b>
i) Cycle Tyres				604	594	101.7
ii) Automobile Tyres				838	1552	54.0
iii) Cycle Tubes				1121	1204	93.1
iv) Automobile Tubes				3666	3723	98.5
<b>6 Soap</b>	<b>62</b>	<b>0.07</b>	<b>M.Tons</b>	<b>44595</b>	<b>42671</b>	<b>104.5</b>
i) Toilet Soap	7			7456	6722	110.9
ii) Washing Soap	62			37139	35949	103.3
<b>7 Matches</b>	<b>2</b>	<b>0.00</b>	<b>M. Box * 40 Sticks</b>	<b>731</b>	<b>722</b>	<b>101.2</b>
<b>8 Synthetic Fibre</b>	<b>4</b>	<b>0.95</b>	<b>M.Tons</b>	<b>87046</b>	<b>71299</b>	<b>122.1</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>`000` Litres</b>	<b>1200624</b>	<b>1109441</b>	<b>108.2</b>
i) Petrol (LPG)			`000` Litres	30443	28703	106.1
ii) J.P.			`000` Litres	52815	42768	123.5
iii) White Kerosene			`000` Litres	12768	17786	71.8
iv) H.S. Diesel			`000` Litres	497395	466496	106.6
v) Diesel Fuel			`000` Litres	1548	1866	83.0
vi) Furnace Fuel			`000` Litres	249566	217553	114.7
vii) Solvent Oil			`000` Litres	0	759	
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	14221	16697	85.2
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	341868	316813	107.9
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>19221</b>	<b>17705</b>	<b>108.6</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>3871066</b>	<b>3644687</b>	<b>106.2</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>51433</b>	<b>44369</b>	<b>115.9</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>1</b>	<b>0.53</b>	<b>M.Tons</b>	<b>114</b>	<b>132</b>	<b>86.4</b>
<b>3 Tractors</b>	<b>4</b>	<b>0.86</b>	<b>Nos.</b>	<b>6322</b>	<b>2236</b>	<b>282.7</b>
<b>4 Automobiles Cars/Trucks</b>	<b>1</b>	<b>1.65</b>	<b>Nos.</b>	<b>3700</b>	<b>2400</b>	<b>154.2</b>
<b>5 Diesel Engines</b>	<b>15</b>	<b>0.06</b>	<b>Nos.</b>	<b>244</b>	<b>228</b>	<b>107.0</b>
<b>6 Motor Cycles</b>	<b>17</b>	<b>0.13</b>	<b>Nos.</b>	<b>283659</b>	<b>222022</b>	<b>127.8</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos.</b>	<b>21100</b>	<b>10360</b>	<b>203.7</b>
<b>8 Electric Fans</b>	<b>126</b>	<b>0.11</b>	<b>Nos.</b>	<b>555530</b>	<b>496328</b>	<b>111.9</b>
i) Ceiling				289332	311573	92.9
ii) Pedestal				91363	66492	137.4
iii) Others				174835	118263	147.8
<b>9 Electric Transformers</b>	<b>3</b>	<b>0.00</b>	<b>Nos.</b>	<b>3790</b>	<b>4715</b>	<b>80.4</b>
<b>10 Electric Motors</b>	<b>30</b>	<b>0.52</b>	<b>Nos.</b>	<b>4601</b>	<b>5460</b>	<b>84.3</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos.</b>	<b>1587</b>	<b>650</b>	<b>244.2</b>
<b>12 Washing Machines</b>	<b>20</b>	<b>0.00</b>	<b>Nos.</b>	<b>93631</b>	<b>68246</b>	<b>137.2</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos.</b>	<b>278340</b>	<b>270650</b>	<b>102.8</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos.</b>	<b>63200</b>	<b>65861</b>	<b>96.0</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>5</b>	<b>0.31</b>	<b>Nos.</b>	<b>168069</b>	<b>138124</b>	<b>121.7</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>Mill. Nos.</b>	<b>201</b>	<b>176</b>	<b>114.2</b>
<b>17 Agricultural Implements</b>	<b>151</b>	<b>0.38</b>	<b>Nos.</b>	<b>2698</b>	<b>2314</b>	<b>116.6</b>
i) Chaff Cutter	54			1785	1618	110.3
ii) Sugarcane Machines	35			11	20	55.0
iii) Wheat Thrashers	30			23	16	143.8
iv) Others (Misc. Imp.)	43			879	660	133.2
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>83</b>	<b>44</b>	<b>188.6</b>
i) Power Looms	20		Nos.	75	38	197.4
ii) Bobbins	5		000 Nos.	0	0	
iii) Shuttles	6		000 Nos.	8	6	133.3
<b>General Index*</b>	<b>2041</b>	<b>72.14</b>		<b>171.5</b>	<b>157.7</b>	<b>108.8</b>

\* Average Index of two months.

**Table 5: Total Employment Regarding Large-Scale Industries, July-2021, August-2021 and August-2020**

Groups/Items		No. of Units Covered in Aug: 2021	Jul: 2021	Aug: 2021	Aug: 2020	Index of Employment	
						Aug: 2021 with Jul: 2021	Aug: 2021 with Aug: 2020
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>					
1	Vegetable Ghee/Cooking Oil	44	5121	5195	5078	101.4	102.3
2	Dairy Products	8	2684	2638	2938	98.3	89.8
3	Wheat Milling	776	10037	9974	8829	99.4	113.0
4	Sugar	44	19191	21667	21973	112.9	98.6
5	Tea (Blended)	3	1457	1457	1352	100.0	107.8
6	Starch & its Products	2	2038	2029	2137	99.6	94.9
7	Soft Drinks & Juices	30	8270	8338	7803	100.8	106.9
8	Cigarettes	3	656	656	654	100.0	100.3
<b>II</b>	<b>Textiles</b>	<b>313</b>					
1	Cotton Textiles	285	154695	156003	153676	100.8	101.5
2	Woolen Textiles	21	1283	1273	1304	99.2	97.6
3	Jute Textiles	7	4537	4099	3899	90.3	105.1
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
1	Leather Tanning	106	2489	2409	2493	96.8	96.6
2	Footwear	41	11398	11620	9264	101.9	125.4
<b>IV</b>	<b>Plywood</b>	<b>6</b>	<b>86</b>	<b>86</b>	<b>83</b>	<b>100.0</b>	<b>103.6</b>
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>					
1	Paper & Paper Board	47	5026	5028	4987	100.0	100.8
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>					
1	Pharmaceuticals	36	8252	8013	7853	97.1	102.0
2	Basic Inorganic Chemicals	8	2658	2655	2586	99.9	102.7
3	Fertilizers	7	5481	5520	5793	100.7	95.3
4	Paints & Varnishes	12	2324	2311	2217	99.4	104.2
5	Tyres & Tubes	6	1294	1301	1186	100.5	109.7
6	Soap	62	2875	2883	3000	100.3	96.1
7	Matches	2	449	449	416	100.0	107.9
8	Synthetic Fibre	4	1776	1776	1776	100.0	100.0
9	Petroleum Products	2	984	978	886	99.4	110.4
<b>VII</b>	<b>Non-Metallic &amp; Mineral Products</b>	<b>21</b>					
1	Glass Sheets	9	613	613	608	100.0	100.8
2	Cement	12	8210	8170	7782	99.5	105.0
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>					
1	Steel Bars/ Angles	40	1111	1082	1030	97.4	105.0
2	Fabricated Metal Products/HMC	1	15	16	14	106.7	114.3
3	Tractors	4	500	496	540	99.2	91.9
4	Automobile Cars/Trucks	1	1150	1150	1144	100.0	100.5
5	Diesel Engines	15	21	21	19	100.0	110.5
6	Motor Cycles	17	3080	3097	3015	100.6	102.7
7	Bicycles	3	686	686	686	100.0	100.0
8	Electric Fans	126	2285	2260	2230	98.9	101.3
9	Electric Transformers	3	2680	2680	2700	100.0	99.3
10	Electric Motors	30	215	215	183	100.0	117.5
11	Electric Meters	4	1200	1200	1222	100.0	98.2
12	Switch Gears	3	12	12	12	100.0	100.0
13	Washing Machines	20	290	292	277	100.7	105.4
15	Air-Conditioners/Refrigerators/Deep Freezer	10	2153	2153	2163	100.0	99.5
16	Safety Razor Blades	1	744	744	744	100.0	100.0
17	Agricultural Implements	151	432	442	371	102.3	119.1
18	Textiles Machinery	29	74	76	95	102.7	80.0
<b>Total</b>		<b>2041</b>	<b>280532</b>	<b>283763</b>	<b>277018</b>	<b>101.2</b>	<b>102.4</b>

**Table 6: Total Number of Production Workers Regarding Large-Scale Industries, July-2021, August-2021 and August-2020**

Groups/Items		No. of Units Covered in Aug: 2021	Jul: 2021	Aug: 2021	Aug: 2020	Index of Employment	
						Aug: 2021 with Jul: 2021	Aug: 2021 with Aug: 2020
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>					
1	Vegetable Ghee/Cooking Oil	44	3109	3206	3269	103.1	98.1
2	Dairy Products	8	1534	1486	1736	96.9	85.6
3	Wheat Milling	776	6121	6074	5278	99.2	115.1
4	Sugar	44	10948	14365	14684	131.2	97.8
5	Tea (Blended)	3	1148	1148	1133	100.0	101.3
6	Starch & its Products	2	1899	1890	1951	99.5	96.9
7	Soft Drinks & Juices	30	4342	4322	3911	99.5	110.5
8	Cigarettes	3	484	484	501	100.0	96.6
<b>II</b>	<b>Textiles</b>	<b>313</b>					
1	Cotton Textiles	285	130621	131674	127612	100.8	103.2
2	Woolen Textiles	21	999	989	1018	99.0	97.2
3	Jute Textiles	7	4098	3843	2728	93.8	140.9
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
1	Leather Tanning	106	1778	1725	1893	97.0	91.1
2	Footwear	41	8737	8926	6908	102.2	129.2
<b>IV</b>	<b>Plywood</b>	<b>6</b>	<b>65</b>	<b>65</b>	<b>66</b>	<b>100.0</b>	<b>98.5</b>
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>					
1	Paper & Paper Board	47	3605	3603	3560	99.9	101.2
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>					
1	Pharmaceuticals	36	3306	3190	3216	96.5	99.2
2	Basic Inorganic Chemicals	8	2134	2134	2058	100.0	103.7
3	Fertilizers	7	3550	3577	3541	100.8	101.0
4	Paints & Varnishes	12	971	962	906	99.1	106.2
5	Tyres & Tubes	6	1004	1011	978	100.7	103.4
6	Soap	62	2260	2271	2323	100.5	97.8
7	Matches	2	387	387	367	100.0	105.4
8	Synthetic Fibre	4	1470	1470	1490	100.0	98.7
9	Petroleum Products	2	407	490	431	120.4	113.7
<b>VII</b>	<b>Non-Metalic &amp; Mineral Products</b>	<b>21</b>					
1	Glass Sheets	9	447	447	445	100.0	100.4
2	Cement	12	5620	5593	5174	99.5	108.1
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>					
1	Steel Bars/ Angles	40	810	785	711	96.9	110.4
2	Fabricated Metal Products/HMC	1	10	11	9	110.0	122.2
3	Tractors	4	356	365	366	102.5	99.7
4	Automobile Cars/Trucks	1	860	860	860	100.0	100.0
5	Diesel Engines	15	15	15	13	100.0	115.4
6	Motor Cycles	17	2180	2204	1906	101.1	115.6
7	Bicycles	3	527	527	527	100.0	100.0
8	Electric Fans	126	1850	1840	1776	99.5	103.6
9	Electric Transformers	3	1980	1980	2003	100.0	98.9
10	Electric Motors	30	168	167	139	99.4	120.1
11	Electric Meters	4	955	955	976	100.0	97.8
12	Switch Gears	3	10	10	10	100.0	100.0
13	Washing Machines	20	205	206	193	100.5	106.7
15	Air-Conditioners/Refrigerators/Deep Freezer	10	1845	1845	1890	100.0	97.6
16	Safety Razor Blades	1	590	590	590	100.0	100.0
17	Agricultural Implements	151	339	353	297	104.1	118.9
18	Textiles Machinery	29	62	64	78	103.2	82.1
<b>Total</b>		<b>2041</b>	<b>213806</b>	<b>218109</b>	<b>209521</b>	<b>102.0</b>	<b>104.1</b>

**Table 7: Average Monthly Total Employment Regarding Large-Scale Industries, 2021-22 (Jul-Aug): VS 2020-21 (Jul-Aug):**

Groups/Items		No. of Units Covered in Aug: 2021	2021-22 (Jul-Aug:)	2020-21 (Jul-Aug:)	2021-22 ( Jul-Aug:) with 2020-21 (Jul-Aug:)
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>			
1	Vegetable Ghee/Cooking Oil	44	5158	5085	101.4
2	Dairy Products	8	2661	2915	91.3
3	Wheat Milling	776	10006	8494	117.8
4	Sugar	44	20429	21665	94.3
5	Tea (Blended)	3	1457	1301	112.0
6	Starch & its Products	2	2034	2137	95.2
7	Soft Drinks & Juices	30	8304	7915	104.9
8	Cigarettes	3	655	655	100.1
<b>II</b>	<b>Textiles</b>	<b>313</b>			
1	Cotton Textiles	285	155349	153794	101.0
2	Woolen Textiles	21	1278	1312	97.4
3	Jute Textiles	7	4318	4117	104.9
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>			
1	Leather Tanning	106	2449	2557	95.8
2	Footwear	41	11509	9215	124.9
<b>IV</b>	<b>Plywood</b>	<b>6</b>	<b>86</b>	<b>78</b>	<b>110.3</b>
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>			
1	Paper & Paper Board	47	5027	4673	107.6
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>			
1	Pharmaceuticals	36	8133	7995	101.7
2	Basic Inorganic Chemicals	8	2657	2578	103.0
3	Fertilizers	7	5501	5787	95.0
4	Paints & Varnishes	12	2318	2229	104.0
5	Tyres & Tubes	6	1298	1184	109.6
6	Soap	62	2879	2993	96.2
7	Matches	2	449	413	108.7
8	Synthetic Fibre	4	1776	1762	100.8
9	Petroleum Products	2	981	889	110.4
<b>VII</b>	<b>Non-Metallic &amp; Mineral Products</b>	<b>21</b>			
1	Glass Sheets	9	613	608	100.8
2	Cement	12	8190	7806	104.9
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>			
1	Steel Bars/ Angles	40	1097	1034	106.0
2	Fabricated Metal Products/HMC	1	16	14	110.7
3	Tractors	4	498	540	92.2
4	Automobile Cars/Trucks	1	1150	1144	100.5
5	Diesel Engines	15	21	19	110.5
6	Motor Cycles	17	3089	3019	102.3
7	Bicycles	3	686	691	99.3
8	Electric Fans	126	2273	2245	101.2
9	Electric Transformers	3	2680	2700	99.3
10	Electric Motors	30	215	183	117.5
11	Electric Meters	4	1200	1222	98.2
12	Switch Gears	3	12	12	100.0
13	Washing Machines	20	291	273	106.8
15	Air-Conditioners/Refrigerators/Dee	10	2153	2163	99.5
16	Safety Razor Blades	1	744	744	100.0
17	Agricultural Implements	151	434	349	124.4
18	Textiles Machinery	29	75	92	82.0
<b>Total</b>		<b>2041</b>	<b>282143</b>	<b>276593</b>	<b>102.0</b>

**Table 8: Average Monthly Number of Production Workers Regarding Large-Scale Industries, 2021-22 (Jul-Aug): VS 2020-21 (Jul-Aug):**

Groups/Items		No. of Units Covered in Aug: 2021	2021-22 (Jul-Aug:)	2020-21 (Jul-Aug:)	2021-22 ( Jul-Aug:) with 2020-21 (Jul-Aug:)
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>			
1	Vegetable Ghee/Cooking Oil	44	3158	3272	96.5
2	Dairy Products	8	1510	1709	88.4
3	Wheat Milling	776	6098	5043	120.9
4	Sugar	44	12657	14399	87.9
5	Tea (Blended)	3	1148	1083	106.0
6	Starch & its Products	2	1895	1951	97.1
7	Soft Drinks & Juices	30	4332	3995	108.4
8	Cigarettes	3	485	501	96.8
<b>II</b>	<b>Textiles</b>	<b>313</b>			
1	Cotton Textiles	285	131148	127734	102.7
2	Woolen Textiles	21	994	1031	96.5
3	Jute Textiles	7	3971	3312	119.9
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>			
1	Leather Tanning	106	1752	1899	92.3
2	Footwear	41	8832	6874	128.5
<b>IV</b>	<b>Plywood</b>	<b>6</b>	65	63	103.2
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>			
1	Paper & Paper Board	47	3604	3269	110.2
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>			
1	Pharmaceuticals	36	3248	3290	98.7
2	Basic Inorganic Chemicals	8	2134	2048	104.2
3	Fertilizers	7	3564	3529	101.0
4	Paints & Varnishes	12	967	912	106.0
5	Tyres & Tubes	6	1008	976	103.2
6	Soap	62	2266	2320	97.7
7	Matches	2	387	364	106.3
8	Synthetic Fibre	4	1471	1479	99.5
9	Petroleum Products	2	449	431	104.1
<b>VII</b>	<b>Non-Metalic &amp; Mineral Products</b>	<b>21</b>			
1	Glass Sheets	9	447	445	100.4
2	Cement	12	5607	5190	108.0
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>			
1	Steel Bars/ Angles	40	798	717	111.3
2	Fabricated Metal Products/HMC	1	11	9	116.7
3	Tractors	4	361	366	98.5
4	Automobile Cars/Trucks	1	860	860	100.0
5	Diesel Engines	15	15	13	115.4
6	Motor Cycles	17	2192	1908	114.9
7	Bicycles	3	527	532	99.1
8	Electric Fans	126	1845	1780	103.7
9	Electric Transformers	3	1980	2003	98.9
10	Electric Motors	30	168	139	120.5
11	Electric Meters	4	955	976	97.8
12	Switch Gears	3	10	10	100.0
13	Washing Machines	20	206	189	108.7
15	Air-Conditioners/Refrigerators/Dec	10	1845	1890	97.6
16	Safety Razor Blades	1	590	590	100.0
17	Agricultural Implements	151	349	276	126.4
18	Textiles Machinery	29	63	76	82.9
<b>Total</b>		<b>2041</b>	<b>215962</b>	<b>209446</b>	<b>103.1</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
Shamas Ul Huda	Deputy Director (CIS)	042-99232907
Sana Ashraf	Statistical Officer (CIS)	-do-
Rizwan Bashir	Statistical Officer (CIS)	-do-
Muhammad Kashif	Statistical Officer (CIS)	-do-
Kiran Sultana	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