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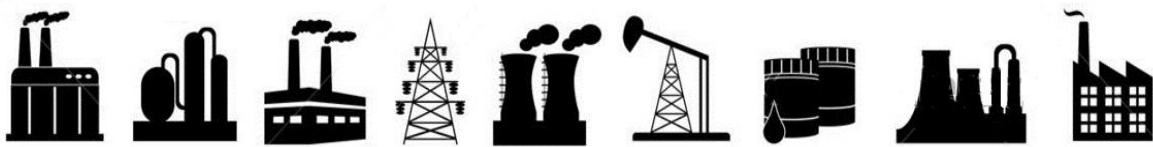
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**AUGUST 2023**



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



**BUREAU OF STATISTICS**

Planning & Development Board

Government of the Punjab

**[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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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 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.

## **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 45 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.



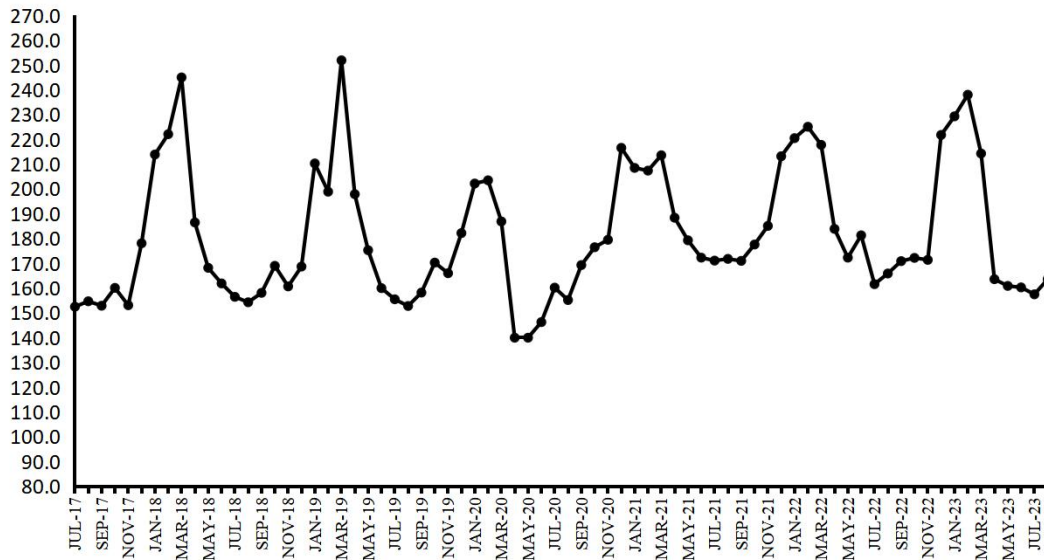
**TABLE 1: GENERAL INDEX OF INDUSTRIAL PRODUCTION**  
**FOR THE PERIOD JULY 2017 – AUGUST 2023**  
**(2005-06=100)**

MONTH/ YEAR	2017 - 18	2018 - 19	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24
<b>JUL:</b>	152.5	156.5	155.5	160.2	171.1	161.6	157.5
<b>AUG:</b>	154.7	154.3	152.8	155.2	171.8	165.9	163.6
<b>SEP:</b>	152.9	158.1	159.3	169.3	171.0	170.9	
<b>OCT:</b>	160.1	168.7	171.7	176.5	177.6	172.2	
<b>NOV:</b>	153.1	160.6	167.8	179.5	185.1	171.5	
<b>DEC:</b>	178.1	168.7	182.2	216.6	213.2	221.8	
<b>JAN:</b>	213.9	210.3	202.2	208.5	220.5	229.3	
<b>FEB:</b>	222.1	198.9	203.5	207.4	225.1	238.4	
<b>MAR:</b>	245.0	251.9	186.9	213.6	217.8	214.3	
<b>APR:</b>	186.5	197.9	140.0	188.4	183.9	163.6	
<b>MAY:</b>	168.2	175.3	140.0	179.3	172.3	160.9	
<b>JUN:</b>	161.9	160.0	146.3	172.3	181.3	160.3	
<b>Average*</b>	<b>176.8</b>	<b>178.1</b>	<b>166.0</b>	<b>184.5</b>	<b>189.8</b>	<b>183.8</b>	<b>160.5</b>

\* = Geometric Mean

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

(2005-06=100)



*Figure: Graph of QIM for the period of July 2017 to August 2023*

## **ANALYTICAL ANALYSIS**

### **INDUSTRIAL PRODUCTION AND EMPLOYMENT (August 2023)**

#### **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 Aug-2023 stood at 163.6 against 157.5 and 165.9 as compared to July-2023 and Aug-2022 respectively. Index Series since July-2017 is given in Table-1 on previous page.

#### **Production August 2023 VS July 2023 (Table-2)**

Overall production during the month of August-2023 was 3.9 percent higher than July-2023.

The production was lower in case of Dairy Products (5.8%), Soft drink & Juices (7.1%), Motor Cycle (16.9%), Electric Fan (10.9%), Air-Conditioners (13.3%), Refrigerators/Deep Freezers (6.6%).

The production was higher in case Cigarettes (38.5%), Paper & Paper Board (22.8%), Petroleum products (15.1%), Fabricated Metal Products/HMC (15.4%), Tractors (6.2%) and Electric Meters (5.6%).

#### **Production August 2023 VS August 2022 (Table-3)**

Overall production during August-2023 was 1.4 percent lower than August-2022.

The production was lower in case of Dairy Products (10.6%), Cigarettes (8.1%), Cotton/M.M Blended Yarn (10.7%), Cloth/M.M Blended Cloth (1.8%), Upper Leather (9.3%), Basic Inorganic Chemicals/Acids (17.2%), Soap (9.4%), Steel Bar/ Angles (9.4%), Fabricated Metal Products/HMC (55.9%), Tractors (20.8%), Automobile Cars/Trucks (46.4%), Deisel Engines (35.2%), Motor Cycles (28.4%), Electric Fans (6.8%), Electric Motors (20.5%), Air Conditioner (32.2%) and Refrigerators/Deep Freezers (23.1%).

The production was higher in case of Vegetable Ghee/Cooking Oil (12.4%), Footwear (9.0%), Pharmaceuticals (27.5%), Fertilizers (14.5%), Petroleum Products (23.6%), Glass Sheet (31.9%), Cement (19.7%), Safety Razor Blades (8.2%) and Agriculture Implements (6.5%).

#### **Production July-August 2023-24 VS July-August 2022-23 (Table-4)**

Overall production during July-August (2023-24) was 2.0 lower than July-August (2022-23).

The production was lower in case of Wheat Milling (9.4%), Cigarettes (14.7%), Cotton/M.M Blended Yarn (5.7%), Cloth/M.M Blended Cloth (7.7%), Ply Wood (40.0%), Paper & Paper Board (8.2%), Petroleum Products (6.7%), Cement (9.4%), Steel Bar/ Angles (5.6%), Fabricated Metal Products/HMC (42.7%), Tractors (42.3%), Automobile Cars/Trucks (65.5%), Motor Cycles (30.5%), Electric Fans (15.1%), Electric Motors (18.3%), Air Conditioner (52.9%), Refrigerators/Deep Freezers (35.5%) and Safety Razor Blades (8.1%).

The production was higher in case of Vegetable Ghee/Cooking Oil (11.5%), Sugar (6.0%), Footwear (7.2%), Pharmaceuticals (14.1%) and Glass Sheets (89.4%)

#### **Employment August 2023 VS July 2023 and August 2022 (Table-5)**

Total employment during Aug 2023 was 0.3 percent higher and 3.2 percent lower than July 2023 and August 2022 respectively.

#### **Average Employment July-August 2023-24 VS July-August 2022-23 (Table-7)**

Average monthly employment during the period of July-August (2023-24) vs July-Aug (2022-23) was 3.5 percent lower than the corresponding period of the previous year.

**Table 2: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2023 VS July 2023**

Group/Items	No. of Units Covered in Aug: 2023	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2023 with Jul: 2023
				Aug: 2023	Jul: 2023	
<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>101218</b>	<b>101378</b>	<b>99.8</b>
i) Vegetable Ghee	44		M.Tons	82106	82249	99.8
ii) Cooking Oil	18		M.Tons	19112	19129	99.9
<b>2 Dairy Products</b>	<b>8</b>	<b>4.13</b>				<b>94.2</b>
i) Process/UHT Milk		1.62	'000' Litres	41019	41067	99.9
ii) Milk Powder		0.87	M.Tons	833	931	89.5
iii) Cheese		0.01	M.Tons	329	334	98.5
iv) Butter/ Desi Ghee		0.33	M.Tons	510	507	100.6
v) Cream		1.04	M.Tons	511	462	110.6
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>795932</b>	<b>776407</b>	<b>102.5</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>8878</b>	<b>7021</b>	<b>126.4</b>
<b>6 Starch &amp; its Products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>36767</b>	<b>36851</b>	<b>99.8</b>
i) Starch			M.Tons	22646	21985	103.0
ii) Glucose			M.Tons	14121	14866	95.0
<b>7 Soft Drinks &amp; Juices</b>	<b>30</b>	<b>0.82</b>	<b>'000' Litres</b>	<b>231674</b>	<b>249301</b>	<b>92.9</b>
i) 7-up Coca Cola etc.	17		'000' Litres	212098	225104	94.2
ii) Fruit Juices	16		'000' Litres	18489	23104	80.0
iii) Syrups & Squashes	2		'000' Litres	1087	1093	99.5
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M. Nos</b>	<b>1237</b>	<b>893</b>	<b>138.5</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	123526	122298	101.0
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	58856	57655	102.1
<b>2 Woolen Textiles</b>	<b>21</b>	<b>0.52</b>	<b>M.Tons</b>	<b>652</b>	<b>641</b>	<b>101.7</b>
i) Woolen Yarn	14		M.Tons	630	619	101.8
ii) Knitting Wool	3		M.Tons	0	0	
iii) Woolen & Worsted Cloth	14		M.Tons	22	22	100.0
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>4377</b>	<b>4366</b>	<b>100.3</b>
i) Jute Sacking				3020	3131	96.5
ii) Jute Hessian				983	966	101.8
iii) Jute Twine				374	269	139.0
<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.	732	712	102.8
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>2834</b>	<b>2827</b>	<b>100.2</b>
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>570</b>	<b>555</b>	<b>102.7</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>57773</b>	<b>46886</b>	<b>123.2</b>
<b>1 Paper</b>				<b>19697</b>	<b>19625</b>	<b>100.4</b>
i) Writing			M.Tons	7806	9057	86.2
ii) Printing			M.Tons	5451	4238	128.6
iii) Packing & Others			M.Tons	6440	6330	101.7
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>38076</b>	<b>27261</b>	<b>139.7</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>				<b>99.5</b>
i) Tablets	28	0.38	000 Nos.	295092	295912	99.7
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	1950	1967	99.1
iii) Capsules	19	0.08	000 Nos.	44997	45157	99.6
iv) Injections	12	0.14	000 Nos.	14567	14709	99.0
v) Ointments	7	0.03	Kgs.	54447	52097	104.5
vi) Galenicals	6	0.04	000 Ltrs.	3	3	100.0
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>8</b>	<b>1.34</b>		<b>98021</b>	<b>100630</b>	<b>97.4</b>
i) Caustic Soda	2		M.Tons	22869	21868	104.6
ii) Hydrochloric Acid	2		M.Tons	42623	41875	101.8
iii) Chlorine Liquids	2		M.Tons	1250	1209	103.4
iv) Soda Ash	2		M.Tons	28749	32994	87.1
v) Sulphuric Acid	5		M.Tons	2530	2684	94.3

Group/Items	No. of Units Covered in Aug: 2023	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2023 with Jul: 2023
				Aug: 2023	Jul: 2023	
<b>3 Fertilizers</b>	<b>7</b>	<b>7.18</b>	<b>M.Tons</b>	<b>441074</b>	<b>441115</b>	<b>100.0</b>
i) Urea	4		M.Tons	300678	305490	98.4
ii) Amm. Nitrate	1		M.Tons	75261	66126	113.8
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	0	0	
v) Nitro Phosphate	1		M.Tons	65135	69499	93.7
<b>4 Paints &amp; Varnishes</b>	<b>12</b>	<b>0.65</b>		<b>9885</b>	<b>9871</b>	<b>100.1</b>
i) Paints		0.01	M.Tons	7065	7055	100.1
			'000' Litres	2791	2787	100.1
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>3210</b>	<b>3272</b>	<b>98.1</b>
i) Cycle Tyres				338	345	98.0
ii) Automobile Tyres				443	449	98.7
iii) Cycle Tubes				559	605	92.4
iv) Automobile Tubes				1870	1873	99.8
<b>6 Soap</b>	<b>62</b>	<b>0.07</b>	<b>M.Tons</b>	<b>20072</b>	<b>20128</b>	<b>99.7</b>
i) Toilet Soap	7			3244	3318	97.8
ii) Washing Soap	62			16828	16810	100.1
<b>7 Matches</b>	<b>2</b>	<b>0.00</b>	<b>M. Box * 40 Sticks</b>	<b>626</b>	<b>620</b>	<b>101.0</b>
<b>8 Synthetic Fibre</b>	<b>4</b>	<b>0.95</b>	<b>M.Tons</b>	<b>44719</b>	<b>43611</b>	<b>102.5</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>'000' Litres</b>	<b>625947</b>	<b>544000</b>	<b>115.1</b>
i) Petrol (LPG)			'000' Litres	15483	11274	137.3
ii) J.P.			'000' Litres	41002	40236	101.9
iii) White Kerosene			'000' Litres	2014	2541	79.3
iv) H.S. Diesel			'000' Litres	260348	225523	115.4
v) Diesel Fuel			'000' Litres	0	0	
vi) Furnace Fuel			'000' Litres	119471	96517	123.8
vii) Solvent Oil			'000' Litres	0	0	
viii) Lubricating Oil			'000' Litres	0	0	
ix) Bitumen 80/100			'000' Litres	4655	7553	61.6
x) Blown Bitumen Products			'000' Litres	0	0	
xi) Premium M.G.			'000' Litres	182974	160356	114.1
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>27150</b>	<b>26110</b>	<b>104.0</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>1868539</b>	<b>1545757</b>	<b>120.9</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>22105</b>	<b>23257</b>	<b>95.0</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>1</b>	<b>0.53</b>	<b>M.Tons</b>	<b>15</b>	<b>13</b>	<b>115.4</b>
<b>3 Tractors</b>	<b>4</b>	<b>0.86</b>	<b>Nos.</b>	<b>2352</b>	<b>2214</b>	<b>106.2</b>
<b>4 Automobiles Cars/Trucks</b>	<b>1</b>	<b>1.65</b>	<b>Nos.</b>	<b>518</b>	<b>507</b>	<b>102.2</b>
<b>5 Diesel Engines</b>	<b>15</b>	<b>0.06</b>	<b>Nos.</b>	<b>136</b>	<b>142</b>	<b>95.8</b>
<b>6 Motor Cycles</b>	<b>17</b>	<b>0.13</b>	<b>Nos.</b>	<b>79845</b>	<b>96105</b>	<b>83.1</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos.</b>	<b>12698</b>	<b>12584</b>	<b>100.9</b>
<b>8 Electric Fans</b>	<b>126</b>	<b>0.11</b>	<b>Nos.</b>	<b>196778</b>	<b>220916</b>	<b>89.1</b>
i) Ceiling				108977	132661	82.1
ii) Pedestal				27837	32829	84.8
iii) Others				59964	55426	108.2
<b>9 Electric Transformers</b>	<b>3</b>	<b>0.00</b>	<b>Nos.</b>	<b>2395</b>	<b>2310</b>	<b>103.7</b>
<b>10 Electric Motors</b>	<b>30</b>	<b>0.52</b>	<b>Nos.</b>	<b>1396</b>	<b>1417</b>	<b>98.5</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos.</b>	<b>836</b>	<b>998</b>	<b>83.8</b>
<b>12 Washing Machines</b>	<b>20</b>	<b>0.00</b>	<b>Nos.</b>	<b>31043</b>	<b>30917</b>	<b>100.4</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos.</b>	<b>181826</b>	<b>172149</b>	<b>105.6</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos.</b>	<b>8638</b>	<b>9967</b>	<b>86.7</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>5</b>	<b>0.31</b>	<b>Nos.</b>	<b>35545</b>	<b>38058</b>	<b>93.4</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>Mill. Nos.</b>	<b>92</b>	<b>95</b>	<b>96.8</b>
<b>17 Agricultural Implements</b>	<b>151</b>	<b>0.38</b>	<b>Nos.</b>	<b>1270</b>	<b>1264</b>	<b>100.5</b>
i) Chaff Cutter	54			689	682	101.0
ii) Sugarcane Machines	35			2	2	100.0
iii) Wheat Thrashers	30			60	58	103.4
iv) Others (Misc. Imp.)	43			519	522	99.4
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>57</b>	<b>55</b>	<b>103.6</b>
i) Power Looms	20		Nos.	53	52	101.9
ii) Bobbins	5		000 Nos.	0	0	
iii) Shuttles	6		000 Nos.	4	3	133.3
<b>General Index</b>	<b>2041</b>	<b>72.14</b>		<b>163.6</b>	<b>157.5</b>	<b>103.9</b>

**Table 3: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2023 VS August 2022**

Group/Items	No. of Units Covered in Aug: 2023	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2023 with Aug: 2022
				Aug: 2023	Aug: 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>101218</b>	<b>90085</b>	<b>112.4</b>
i) Vegetable Ghee	44		M.Tons	82106	73360	111.9
ii) Cooking Oil	18		M.Tons	19112	16725	114.3
<b>2 Dairy Products</b>	<b>8</b>	<b>4.13</b>				<b>89.4</b>
i) Process/UHT Milk		1.62	'000' Litres	41019	40124	102.2
ii) Milk Powder		0.87	M.Tons	833	1065	78.2
iii) Chees		0.01	M.Tons	329	510	64.5
iv) Butter/ Desi Ghee		0.33	M.Tons	510	358	142.5
v) Cream		1.04	M.Tons	511	605	84.5
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>795932</b>	<b>799995</b>	<b>99.5</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>8878</b>	<b>6589</b>	<b>134.7</b>
<b>6 Starch &amp; its Products</b>	<b>2</b>	<b>0.56</b>	<b>M.Tons</b>	<b>36767</b>	<b>36562</b>	<b>100.6</b>
i) Starch			M.Tons	22646	22522	100.6
ii) Glucose			M.Tons	14121	14040	100.6
<b>7 Soft Drinks &amp; Juices</b>	<b>30</b>	<b>0.82</b>	<b>'000' Litres</b>	<b>231674</b>	<b>238397</b>	<b>97.2</b>
i) 7-up Coca Cola etc.	17		'000' Litres	212098	214578	98.8
ii) Fruit Juices	16		'000' Litres	18489	22130	83.5
iii) Syrups & Squashes	2		'000' Litres	1087	1689	64.4
<b>8 Cigarettes</b>	<b>3</b>	<b>0.59</b>	<b>M. Nos</b>	<b>1237</b>	<b>1346</b>	<b>91.9</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	123526	138304	89.3
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	58856	66695	88.2
<b>2 Woolen Textiles</b>	<b>21</b>	<b>0.52</b>	<b>M.Tons</b>	<b>652</b>	<b>650</b>	<b>100.3</b>
i) Woolen Yarn	14		M.Tons	630	634	99.4
ii) Knitting Wool			M.Tons	0	0	
iii) Woolen & Worsted Cloth	14		M.Tons	22	16	137.5
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>4377</b>	<b>4494</b>	<b>97.4</b>
i) Jute Sacking				3020	2920	103.4
ii) Jute Hessian				983	1146	85.8
iii) Jute Twine				374	428	87.4
<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.	732	807	90.7
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>2834</b>	<b>2601</b>	<b>109.0</b>
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>570</b>	<b>593</b>	<b>96.1</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>57773</b>	<b>57690</b>	<b>100.1</b>
<b>1 Paper</b>				<b>19697</b>	<b>17928</b>	<b>109.9</b>
i) Writing			M.Tons	7806	6695	116.6
ii) Printing			M.Tons	5451	5980	91.2
iii) Packing & Others			M.Tons	6440	5253	122.6
<b>2 Paper Board</b>			<b>M.Tons</b>	<b>38076</b>	<b>39762</b>	<b>95.8</b>
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
<b>1 Pharmaceuticals</b>	<b>36</b>	<b>1.15</b>				<b>127.5</b>
i) Tablets	28	0.38	000 Nos.	295092	218500	135.1
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	1950	1372	142.1
iii) Capsules	19	0.08	000 Nos.	44997	44558	101.0
iv) Injections	12	0.14	000 Nos.	14567	16573	87.9
v) Ointments	7	0.03	Kgs.	54447	59955	90.8
vi) Galenicals	6	0.04	000 Ltrs.	3	3	100.0
<b>2 Basic Inorganic Chemicals/Acids</b>	<b>8</b>	<b>1.34</b>		<b>98021</b>	<b>118410</b>	<b>82.8</b>
i) Caustic Soda	2		M.Tons	22869	21416	106.8
ii) Hydrochloric Acid	2		M.Tons	42623	47834	89.1
iii) Chlorine Liquids	2		M.Tons	1250	1704	73.4
iv) Soda Ash	2		M.Tons	28749	45198	63.6
v) Sulphuric Acid	5		M.Tons	2530	2258	112.0

Group/Items	No. of Units Covered in Aug: 2023	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2023 with Aug: 2022
				Aug: 2023	Aug: 2022	
<b>3 Fertilizers</b>	<b>7</b>	<b>7.18</b>	<b>M.Tons</b>	<b>441074</b>	<b>385162</b>	<b>114.5</b>
i) Urea	4		M.Tons	300678	248817	120.8
ii) Amm. Nitrate	1		M.Tons	75261	65792	114.4
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	0	378	
v) Nitro Phosphate	1		M.Tons	65135	70175	92.8
<b>4 Paints &amp; Varnishes</b>	<b>12</b>	<b>0.65</b>		<b>9885</b>	<b>9932</b>	<b>99.5</b>
i) Paints		0.01	M.Tons	7065	7192	98.2
			'000' Litres	2791	2711	103.0
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>3210</b>	<b>3225</b>	<b>99.5</b>
i) Cycle Tyres				338	336	100.6
ii) Automobile Tyres				443	432	102.5
iii) Cycle Tubes				559	611	91.5
iv) Automobile Tubes				1870	1846	101.3
<b>6 Soap</b>	<b>62</b>	<b>0.07</b>	<b>M.Tons</b>	<b>20072</b>	<b>22150</b>	<b>90.6</b>
i) Toilet Soap	7			3244	3618	89.7
ii) Washing Soap	62			16828	18532	90.8
<b>7 Matches</b>	<b>2</b>	<b>0.00</b>	<b>M. Box * 40 Sticks</b>	<b>626</b>	<b>459</b>	<b>136.4</b>
<b>8 Synthetic Fibre</b>	<b>4</b>	<b>0.95</b>	<b>M.Tons</b>	<b>44719</b>	<b>44490</b>	<b>100.5</b>
<b>9 Petroleum Products</b>	<b>2</b>	<b>0.99</b>	<b>'000' Litres</b>	<b>625947</b>	<b>506584</b>	<b>123.6</b>
i) Petrol (LPG)			'000' Litres	15483	13996	110.6
ii) J.P.			'000' Litres	41002	35949	114.1
iii) White Kerosene			'000' Litres	2014	17869	11.3
iv) H.S. Diesel			'000' Litres	260348	203228	128.1
v) Diesel Fuel			'000' Litres	0	3078	
vi) Furnace Fuel			'000' Litres	119471	110290	108.3
vii) Solvent Oil			'000' Litres	0	0	
viii) Lubricating Oil			'000' Litres	0	0	
ix) Bitumen 80/100			'000' Litres	4655	4943	94.2
x) Blown Bitumen Products			'000' Litres	0	0	
xi) Premium M.G.			'000' Litres	182974	117231	156.1
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>27150</b>	<b>20582</b>	<b>131.9</b>
<b>2 Cement</b>	<b>12</b>	<b>3.91</b>	<b>M.Tons</b>	<b>1868539</b>	<b>1603861</b>	<b>116.5</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>22105</b>	<b>24411</b>	<b>90.6</b>
<b>2 Fabricated Metal Products/HMC</b>	<b>1</b>	<b>0.53</b>	<b>M.Tons</b>	<b>15</b>	<b>34</b>	<b>44.1</b>
<b>3 Tractors</b>	<b>4</b>	<b>0.86</b>	<b>Nos.</b>	<b>2352</b>	<b>2970</b>	<b>79.2</b>
<b>4 Automobiles Cars/Trucks</b>	<b>1</b>	<b>1.65</b>	<b>Nos.</b>	<b>518</b>	<b>967</b>	<b>53.6</b>
<b>5 Diesel Engines</b>	<b>15</b>	<b>0.06</b>	<b>Nos.</b>	<b>136</b>	<b>210</b>	<b>64.8</b>
<b>6 Motor Cycles</b>	<b>17</b>	<b>0.13</b>	<b>Nos.</b>	<b>79845</b>	<b>111480</b>	<b>71.6</b>
<b>7 Bicycles</b>	<b>3</b>	<b>0.15</b>	<b>Nos.</b>	<b>12698</b>	<b>13000</b>	<b>97.7</b>
<b>8 Electric Fans</b>	<b>126</b>	<b>0.11</b>	<b>Nos.</b>	<b>196778</b>	<b>211119</b>	<b>93.2</b>
i) Ceiling				108977	114222	95.4
ii) Pedestal				27837	40414	68.9
iii) Others				59964	56483	106.2
<b>9 Electric Transformers</b>	<b>3</b>	<b>0.00</b>	<b>Nos.</b>	<b>2395</b>	<b>3631</b>	<b>66.0</b>
<b>10 Electric Motors</b>	<b>30</b>	<b>0.52</b>	<b>Nos.</b>	<b>1396</b>	<b>1757</b>	<b>79.5</b>
<b>11 Switch Gears</b>	<b>3</b>	<b>0.01</b>	<b>Nos.</b>	<b>836</b>	<b>1058</b>	<b>79.0</b>
<b>12 Washing Machines</b>	<b>20</b>	<b>0.00</b>	<b>Nos.</b>	<b>31043</b>	<b>34144</b>	<b>90.9</b>
<b>13 Electric Meters</b>	<b>4</b>	<b>0.19</b>	<b>Nos.</b>	<b>181826</b>	<b>182837</b>	<b>99.4</b>
<b>14 Air-Conditioners</b>	<b>5</b>	<b>0.14</b>	<b>Nos.</b>	<b>8638</b>	<b>12733</b>	<b>67.8</b>
<b>15 Refrigerators/Deep Freezers</b>	<b>5</b>	<b>0.31</b>	<b>Nos.</b>	<b>35545</b>	<b>46249</b>	<b>76.9</b>
<b>16 Safety Razor Blades</b>	<b>1</b>	<b>0.14</b>	<b>Mill. Nos.</b>	<b>92</b>	<b>85</b>	<b>108.2</b>
<b>17 Agricultural Implements</b>	<b>151</b>	<b>0.38</b>	<b>Nos.</b>	<b>1270</b>	<b>1193</b>	<b>106.5</b>
i) Chaff Cutter	54			689	784	87.9
ii) Sugarcane Machines	35			2	4	50.0
iii) Wheat Thrashers	30			60	3	2000.0
iv) Others (Misc. Imp.)	43			519	402	129.1
<b>18 Textiles Machinery</b>	<b>29</b>	<b>0.01</b>		<b>57</b>	<b>41</b>	<b>139.0</b>
i) Power Looms	20		Nos.	53	38	139.5
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>163.6</b>	<b>165.9</b>	<b>98.6</b>

**Table 4: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, 2023-24 (Jul-Aug) VS 2022-23(Jul-Aug):**

Group/Items	No. of Units Covered in Aug: 2023	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in 2023-24 (Jul-Aug): with 2022-23 (July-Aug):=100
				2023-24 (Jul-Aug):	2022-23 (Jul-Aug):	
<b>I Food Drinks &amp; Tobacco</b>	<b>910</b>					
1 Vegetable Ghee/Cooking Oil	44	5.00	M.Tons	202596	177481	114.2
i) Vegetable Ghee	44		M.Tons	164355	144720	113.6
ii) Cooking Oil	18		M.Tons	38241	32761	116.7
2 Dairy Products	8	4.13				93.4
i) Process/UHT Milk		1.62	`000` Litres	82086	80760	101.6
ii) Milk Powder		0.87	M.Tons	1764	1833	96.2
iii) Chees		0.01	M.Tons	663	988	67.1
iv) Butter/ Desi Ghee		0.33	M.Tons	1017	760	133.8
v) Cream		1.04	M.Tons	973	1094	88.9
vi) Yoghurt		0.26	M.Tons	0	0	
3 Wheat Milling	776	1.25	M.Tons	1572339	1530741	102.7
4 Sugar	44	3.77	M.Tons	0	0	
5 Tea (Blended)	3	0.03	M.Tons	15899	11523	138.0
6 Starch & its Products	2	0.56	M.Tons	73618	72406	101.7
i) Starch			M.Tons	44631	44294	100.8
ii) Glucose			M.Tons	28987	28112	103.1
7 Soft Drinks & Juices	30	0.82	`000` Litres	480975	519632	92.6
i) 7-up Coca Cola etc.	17		`000` Litres	437202	468604	93.3
ii) Fruit Juices	16		`000` Litres	41593	48592	85.6
iii) Syrups & Squashes	2		`000` Litres	2180	2436	89.5
8 Cigarettes	3	0.59	M. Nos	2130	2348	90.7
<b>II Textiles</b>	<b>312</b>					
1 Cotton Textiles	285					
i) Cotton/M. M Blended Yarn	247	15.40	M.Tons	245824	276763	88.8
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	116511	133475	87.3
2 Woolen Textiles	21	0.52	M.Tons	1293	1321	97.9
i) Woolen Yarn	14		M.Tons	1249	1296	96.4
ii) Knitting Wool			M.Tons	0	0	
iii) Woolen & Worsted Cloth	14		M.Tons	44	35	125.7
iv) Carpets	5	0.77	000 Mtrs.	0	0	
3 Jute Textiles	6	0.28	M.Tons	8743	8573	102.0
i) Jute Sacking				6151	5827	105.6
ii) Jute Hessian				1949	2025	96.2
iii) Jute Twine				643	721	89.2
<b>III Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
1 Leather Tanning	106					
i) Upper Leather	95	0.49	000 Sq. Mtrs.	1444	1674	86.3
ii) Sole Leather	11		M.Tons	32	32	100.0
2 Footwear	41	0.90	000 Pairs	5661	5565	101.7
<b>IV Ply Wood</b>	<b>6</b>	<b>0.44</b>	<b>000 Sq. Feet</b>	<b>1125</b>	<b>1230</b>	<b>91.5</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>	<b>4.19</b>	<b>M.Tons</b>	<b>104659</b>	<b>113796</b>	<b>92.0</b>
1 Paper				39322	35409	111.1
i) Writing			M.Tons	16863	13104	128.7
ii) Printing			M.Tons	9689	11992	80.8
iii) Packing & Others			M.Tons	12770	10313	123.8
2 Paper Board			M.Tons	65337	78387	83.4
<b>VI Chemical &amp; Petroleum Products</b>	<b>139</b>					
1 Pharmaceuticals	36	1.15				133.2
i) Tablets	28	0.38	000 Nos.	591004	447497	132.1
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	3917	2518	155.6
iii) Capsules	19	0.08	000 Nos.	90154	85134	105.9
iv) Injections	12	0.14	000 Nos.	29276	33344	87.8
v) Ointments	7	0.03	Kgs.	106544	113900	93.5
vi) Galenicals	6	0.04	000 Ltrs.	6	5	120.0
2 Basic Inorganic Chemicals/Acids	8	1.34		198651	238562	83.3
i) Caustic Soda	2		M.Tons	44737	44539	100.4
ii) Hydrochloric Acid	2		M.Tons	84498	97731	86.5
iii) Chlorine Liquids	2		M.Tons	2459	3698	66.5
iv) Soda Ash	2		M.Tons	61743	87078	70.9
v) Sulphuric Acid	5		M.Tons	5214	5516	94.5



Group/Items	No. of Units Covered in Aug: 2023	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in 2023-24 (Jul-Aug): with 2022-23 (July-Aug):=100
				2023-24 (Jul-Aug):	2022-23 (Jul-Aug):	
3 Fertilizers	7	7.18	M.Tons	882189	761256	115.9
i) Urea	4		M.Tons	606168	476130	127.3
ii) Amm. Nitrate	1		M.Tons	141387	140116	100.9
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	0	2120	
v) Nitro Phosphate	1		M.Tons	134634	142890	94.2
4 Paints & Varnishes	12	0.65		19756	19637	100.6
i) Paints		0.01	M.Tons	14120	14155	99.8
			`000` Litres	5578	5424	102.8
ii) Varnishes		1.04	M.Tons	32	32	100.0
		0.26	`000` Litres	26	26	100.0
5 Tyres & Tubes	6	0.12	`000` Nos.	6482	6436	100.7
i) Cycle Tyres				683	668	102.2
ii) Automobile Tyres				892	863	103.4
iii) Cycle Tubes				1164	1214	95.9
iv) Automobile Tubes				3743	3691	101.4
6 Soap	62	0.07	M.Tons	40200	43810	91.8
i) Toilet Soap	7			6562	7174	91.5
ii) Washing Soap	62			33638	36636	91.8
7 Matches	2	0.00	M. Box * 40 Sticks	1246	994	125.4
8 Synthetic Fibre	4	0.95	M.Tons	88330	99932	88.4
9 Petroleum Products	2	0.99	`000` Litres	1169947	965158	121.2
i) Petrol (LPG)			`000` Litres	26757	28127	95.1
ii) J.P.			`000` Litres	81238	65709	123.6
iii) White Kerosene			`000` Litres	4555	23018	19.8
iv) H.S. Diesel			`000` Litres	485871	353416	137.5
v) Diesel Fuel			`000` Litres	0	3382	
vi) Furnace Fuel			`000` Litres	215988	210572	102.6
vii) Solvent Oil			`000` Litres	0	0	
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	12208	9836	124.1
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	343330	271098	126.6
xii) Naphtha			`000` Litres	0	0	
<b>VII Non-Metalic &amp; Mineral</b>	<b>21</b>					
1 Glass Sheets	9	0.19	M.Tons	53260	44006	121.0
2 Cement	12	3.91	M.Tons	3414296	2892543	118.0
<b>VIII Engineering Products</b>	<b>459</b>					
1 Steel Bars/ Angles	41	1.06	M.Tons	45362	48834	92.9
2 Fabricated Metal Products/HMC	1	0.53	M.Tons	28	69	40.6
3 Tractors	4	0.86	Nos.	4566	6979	65.4
4 Automobiles Cars/Trucks	1	1.65	Nos.	1025	2167	47.3
5 Diesel Engines	15	0.06	Nos.	278	430	64.7
6 Motor Cycles	17	0.13	Nos.	175950	219848	80.0
7 Bicycles	3	0.15	Nos.	25282	26007	97.2
8 Electric Fans	126	0.11	Nos.	417694	472263	88.4
i) Ceiling				241638	252641	95.6
ii) Pedestal				60666	85868	70.7
iii) Others				115390	133754	86.3
9 Electric Transformers	3	0.00	Nos.	4705	6999	67.2
10 Electric Motors	30	0.52	Nos.	2813	3559	79.0
11 Switch Gears	3	0.01	Nos.	1834	1990	92.2
12 Washing Machines	20	0.00	Nos.	61960	67933	91.2
13 Electric Meters	4	0.19	Nos.	353975	355757	99.5
14 Air-Conditioners	5	0.14	Nos.	18605	42056	44.2
15 Refrigerators/Deep Freezers	5	0.31	Nos.	73603	101401	72.6
16 Safety Razor Blades	1	0.14	Mill. Nos.	187	169	110.7
17 Agricultural Implements	151	0.38	Nos.	2534	2430	104.3
i) Chaff Cutter	54			1371	1587	86.4
ii) Sugarcane Machines	35			4	9	44.4
iii) Wheat Thrashers	30			118	5	2360.0
iv) Others (Misc. Imp.)	43			1041	829	125.6
18 Textiles Machinery	29	0.01		112	84	133.3
i) Power Looms	20		Nos.	105	77	136.4
ii) Bobbins	5		000 Nos.	0	0	
iii) Shuttles	6		000 Nos.	7	8	87.5
<b>General Index*</b>	<b>2041</b>	<b>72.14</b>		<b>160.5</b>	<b>163.7</b>	<b>98.0</b>

\* Average Index over three months.

**Table 5: Total Employment Regarding Large-Scale Industries, July-2023, August-2023 and August-2022**

Groups/Items	No. of Units Covered in Aug: 2023	Jul: 2023	Aug: 2023	Aug: 2022	Index of Employment	
					Aug: 2023 with Jul: 2023	Aug: 2023 with Aug: 2022
<b>I Food Drinks &amp; Tobacco</b>	<b>910</b>					
1 Vegetable Ghee/Cooking Oil	44	5898	5798	5359	98.3	108.2
2 Dairy Products	8	2130	2123	2015	99.7	105.4
3 Wheat Milling	776	9683	9849	10117	101.7	97.4
4 Sugar	44	25110	24975	18225	99.5	137.0
5 Tea (Blended)	3	1381	1383	1354	100.1	102.1
6 Starch & its Products	2	1843	1842	1843	99.9	99.9
7 Soft Drinks & Juices	30	8272	8240	8384	99.6	98.3
8 Cigarettes	3	591	585	639	99.0	91.5
<b>II Textiles</b>	<b>313</b>					
1 Cotton Textiles	285	143780	144155	159579	100.3	90.3
2 Woolen Textiles	21	904	904	913	100.0	99.0
3 Jute Textiles	7	4724	4734	5139	100.2	92.1
<b>III Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
1 Leather Tanning	106	2273	2293	2215	100.9	103.5
2 Footwear	41	12467	12467	12235	100.0	101.9
<b>IV Plywood</b>	<b>6</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>100.0</b>	<b>100.0</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>					
1 Paper & Paper Board	47	5109	5402	5090	105.7	106.1
<b>VI Chemicals &amp; Petroleum Products</b>	<b>139</b>					
1 Pharmaceuticals	36	8030	8033	8043	100.0	99.9
2 Basic Inorganic Chemicals	8	2208	2198	2223	99.5	98.9
3 Fertilizers	7	5395	5396	5534	100.0	97.5
4 Paints & Varnishes	12	2367	2379	2358	100.5	100.9
5 Tyres & Tubes	6	1354	1354	1339	100.0	101.1
6 Soap	62	2960	3010	2831	101.7	106.3
7 Matches	2	498	498	491	100.0	101.4
8 Synthetic Fibre	4	1778	1778	1775	100.0	100.2
9 Petroleum Products	2	990	1018	980	102.8	103.9
<b>VII Non-Metalic &amp; Mineral Products</b>	<b>21</b>					
1 Glass Sheets	9	1165	1172	1147	100.6	102.2
2 Cement	12	7135	7298	7426	102.3	98.3
<b>VIII Engineering Products</b>	<b>458</b>					
1 Steel Bars/ Angles	40	1081	1085	1067	100.4	101.7
2 Fabricated Metal Products/HMC	1	16	16	16	100.0	100.0
3 Tractors	4	440	460	500	104.5	92.0
4 Automobile Cars/Trucks	1	691	691	1000	100.0	69.1
5 Diesel Engines	15	24	24	24	100.0	100.0
6 Motor Cycles	17	3190	3185	3310	99.8	96.2
7 Bicycles	3	686	686	686	100.0	100.0
8 Electric Fans	126	2100	2068	2188	98.5	94.5
9 Electric Transformers	3	2680	2680	2680	100.0	100.0
10 Electric Motors	30	163	163	190	100.0	85.8
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	263	266	280	101.1	95.0
15 Air-Conditioners/Refrigerators/Deep Fre	10	2153	2153	2153	100.0	100.0
16 Safety Razor Blades	1	692	692	744	100.0	93.0
17 Agricultural Implements	151	465	467	412	100.4	113.3
18 Textiles Machinery	29	70	70	78	100.0	89.7
<b>Total</b>	<b>2041</b>	<b>274059</b>	<b>274890</b>	<b>283882</b>	<b>100.3</b>	<b>96.8</b>

**Table 6: Total Number of Production Workers Regarding Large-Scale Industries, July-2023, August-2023 and August-2022**

Groups/Items	No. of Units Covered in Aug: 2023	Jul: 2023	Aug: 2023	Aug: 2022	Index of Employment	
					Aug: 2023 with Jul: 2023	Aug: 2023 with Aug: 2022
<b>I Food Drinks &amp; Tobacco</b>	<b>910</b>					
1 Vegetable Ghee/Cooking Oil	44	3781	3681	3354	97.4	109.7
2 Dairy Products	8	1375	1370	1272	99.6	107.7
3 Wheat Milling	776	5921	6014	6090	101.6	98.8
4 Sugar	44	15232	15094	10540	99.1	143.2
5 Tea (Blended)	3	1056	1058	1039	100.2	101.8
6 Starch & its Products	2	1698	1695	1699	99.8	99.8
7 Soft Drinks & Juices	30	4309	4278	4377	99.3	97.7
8 Cigarettes	3	405	325	444	80.2	73.2
<b>II Textiles</b>	<b>313</b>					
1 Cotton Textiles	285	120886	121036	133766	100.1	90.5
2 Woolen Textiles	21	706	706	720	100.0	98.1
3 Jute Textiles	7	4312	4324	4697	100.3	92.1
<b>III Leather Rubber &amp; Plastic Products</b>	<b>147</b>					
1 Leather Tanning	106	1594	1610	1605	101.0	100.3
2 Footwear	41	9342	9342	9322	100.0	100.2
<b>IV Plywood</b>	<b>6</b>	<b>73</b>	<b>73</b>	<b>72</b>	<b>100.0</b>	<b>101.4</b>
<b>V Paper &amp; Paper Board</b>	<b>47</b>					
1 Paper & Paper Board	47	3688	3838	3625	104.1	105.9
<b>VI Chemicals &amp; Petroleum Products</b>	<b>139</b>					
1 Pharmaceuticals	36	3321	3324	3319	100.1	100.2
2 Basic Inorganic Chemicals	8	1348	1358	1385	100.7	98.1
3 Fertilizers	7	3413	3412	3736	100.0	91.3
4 Paints & Varnishes	12	1369	1388	1198	101.4	115.9
5 Tyres & Tubes	6	1047	1047	1045	100.0	100.2
6 Soap	62	2393	2415	2256	100.9	107.0
7 Matches	2	458	458	437	100.0	104.8
8 Synthetic Fibre	4	1476	1476	1472	100.0	100.3
9 Petroleum Products	2	555	583	493	105.0	118.3
<b>VII Non-Metallic &amp; Mineral Products</b>	<b>21</b>					
1 Glass Sheets	9	859	862	832	100.3	103.6
2 Cement	12	4416	4346	4699	98.4	92.5
<b>VIII Engineering Products</b>	<b>458</b>					
1 Steel Bars/ Angles	40	797	802	770	100.6	104.2
2 Fabricated Metal Products/HMC	1	11	11	11	100.0	100.0
3 Tractors	4	320	325	366	101.6	88.8
4 Automobile Cars/Trucks	1	459	462	700	100.7	66.0
5 Diesel Engines	15	16	16	16	100.0	100.0
6 Motor Cycles	17	2405	2405	2488	100.0	96.7
7 Bicycles	3	527	527	527	100.0	100.0
8 Electric Fans	126	1765	1737	1886	98.4	92.1
9 Electric Transformers	3	1980	1980	1980	100.0	100.0
10 Electric Motors	30	137	137	152	100.0	90.1
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	188	189	210	100.5	90.0
15 Air-Conditioners/Refrigerators/Deep Fre	10	1845	1845	1845	100.0	100.0
16 Safety Razor Blades	1	548	548	590	100.0	92.9
17 Agricultural Implements	151	350	352	336	100.6	104.8
18 Textiles Machinery	29	60	60	67	100.0	89.6
<b>Total</b>	<b>2041</b>	<b>207406</b>	<b>207474</b>	<b>216403</b>	<b>100.0</b>	<b>95.9</b>

**Table 7: Average Monthly Total Employment Regarding Large-Scale Industries, 2023-24 (Jul-Aug): VS 2022-23 (Jul-Aug):**

Groups/Items		No. of Units Covered in Aug: 2023	2023-24 (Jul-Aug):	2022-23 (Jul-Aug):	2023-24 (Jul-Aug) with 2022-23(Jul-Aug):
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>			
1	Vegetable Ghee/Cooking Oil	44	5848	5355	109.2
2	Dairy Products	8	2127	1988	107.0
3	Wheat Milling	776	9766	10121	96.5
4	Sugar	44	25043	18648	134.3
5	Tea (Blended)	3	1382	1337	103.4
6	Starch & its Products	2	1843	1850	99.6
7	Soft Drinks & Juices	30	8256	8405	98.2
8	Cigarettes	3	588	635	92.7
<b>II</b>	<b>Textiles</b>	<b>313</b>			
1	Cotton Textiles	285	143968	159657	90.2
2	Woolen Textiles	21	904	913	99.0
3	Jute Textiles	7	4729	5133	92.1
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>			
1	Leather Tanning	106	2283	2229	102.4
2	Footwear	41	12467	12352	100.9
<b>IV</b>	<b>Plywood</b>	<b>6</b>	88	88	<b>100.6</b>
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>			
1	Paper & Paper Board	47	5256	5063	103.8
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>			
1	Pharmaceuticals	36	8032	8062	99.6
2	Basic Inorganic Chemicals	8	2198	2222	98.9
3	Fertilizers	7	5396	5552	97.2
4	Paints & Varnishes	12	2373	2356	100.7
5	Tyres & Tubes	6	1354	1343	100.8
6	Soap	62	2985	2839	105.1
7	Matches	2	498	492	101.2
8	Synthetic Fibre	4	1778	1776	100.1
9	Petroleum Products	2	1004	972	103.3
<b>VII</b>	<b>Non-Metalic &amp; Mineral Products</b>	<b>21</b>			
1	Glass Sheets	9	1169	1147	101.9
2	Cement	12	7217	7438	97.0
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>			
1	Steel Bars/ Angles	40	1083	1069	101.4
2	Fabricated Metal Products/HMC	1	16	16	100.0
3	Tractors	4	450	500	90.0
4	Automobile Cars/Trucks	1	691	1000	69.1
5	Diesel Engines	15	24	24	100.0
6	Motor Cycles	17	3188	3319	96.0
7	Bicycles	3	686	686	100.0
8	Electric Fans	126	2084	2199	94.8
9	Electric Transformers	3	2680	2680	100.0
10	Electric Motors	30	163	191	85.3
11	Electric Meters	4	1200	1200	100.0
12	Switch Gears	3	12	12	100.0
13	Washing Machines	20	265	281	94.1
15	Air-Conditioners/Refrigerators/Deep Freezers	10	2153	2153	100.0
16	Safety Razor Blades	1	692	744	93.0
17	Agricultural Implements	151	466	413	113.0
18	Textiles Machinery	29	70	79	89.2
<b>Total</b>		<b>2041</b>	<b>274470</b>	<b>284532</b>	<b>96.5</b>

**Table 8: Average Monthly Number of Production Workers Regarding Large-Scale Industries, 2023-24 (Jul-Aug): VS 2022-23 (Jul-Aug):**

Groups/Items		No. of Units Covered in Aug: 2023	2023-24 (Jul-Aug):	2022-23 (Jul-Aug):	2023-24 (Jul-Aug) with 2022-23(Jul-Aug):
<b>I</b>	<b>Food Drinks &amp; Tobacco</b>	<b>910</b>			
1	Vegetable Ghee/Cooking Oil	44	3731	3373	110.6
2	Dairy Products	8	1373	1261	108.8
3	Wheat Milling	776	5968	6097	97.9
4	Sugar	44	15163	11232	135.0
5	Tea (Blended)	3	1057	1028	102.9
6	Starch & its Products	2	1697	1706	99.5
7	Soft Drinks & Juices	30	4294	4395	97.7
8	Cigarettes	3	365	408	89.5
<b>II</b>	<b>Textiles</b>	<b>313</b>			
1	Cotton Textiles	285	120961	133844	90.4
2	Woolen Textiles	21	706	723	97.6
3	Jute Textiles	7	4318	4699	91.9
<b>III</b>	<b>Leather Rubber &amp; Plastic Products</b>	<b>147</b>			
1	Leather Tanning	106	1602	1617	99.1
2	Footwear	41	9342	9399	99.4
<b>IV</b>	<b>Plywood</b>	<b>6</b>	73	72	102.1
<b>V</b>	<b>Paper &amp; Paper Board</b>	<b>47</b>			
1	Paper & Paper Board	47	3763	3611	104.2
<b>VI</b>	<b>Chemicals &amp; Petroleum Products</b>	<b>139</b>			
1	Pharmaceuticals	36	3323	3316	100.2
2	Basic Inorganic Chemicals	8	1353	1387	97.6
3	Fertilizers	7	3413	3578	95.4
4	Paints & Varnishes	12	1379	1227	112.4
5	Tyres & Tubes	6	1047	1049	99.8
6	Soap	62	2404	2262	106.3
7	Matches	2	458	439	104.4
8	Synthetic Fibre	4	1476	1472	100.3
9	Petroleum Products	2	569	485	117.3
<b>VII</b>	<b>Non-Metallic &amp; Mineral Products</b>	<b>21</b>			
1	Glass Sheets	9	861	829	103.8
2	Cement	12	4381	4697	93.3
<b>VIII</b>	<b>Engineering Products</b>	<b>458</b>			
1	Steel Bars/ Angles	40	800	772	103.6
2	Fabricated Metal Products/HMC	1	11	11	100.0
3	Tractors	4	323	366	88.1
4	Automobile Cars/Trucks	1	461	700	65.8
5	Diesel Engines	15	16	16	100.0
6	Motor Cycles	17	2405	2491	96.5
7	Bicycles	3	527	527	100.0
8	Electric Fans	126	1751	1893	92.5
9	Electric Transformers	3	1980	1980	100.0
10	Electric Motors	30	137	153	89.5
11	Electric Meters	4	955	955	100.0
12	Switch Gears	3	10	10	100.0
13	Washing Machines	20	189	213	88.7
15	Air-Conditioners/Refrigerators/Deep Freezers	10	1845	1845	100.0
16	Safety Razor Blades	1	548	590	92.9
17	Agricultural Implements	151	351	337	104.3
18	Textiles Machinery	29	60	70	86.3
<b>Total</b>		<b>2041</b>	<b>207440</b>	<b>217129</b>	<b>95.5</b>

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

NAME OF OFFICERS	DESIGNATION	OFFICE TELEPHONE
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-
Muhammad Kashif	Statistical Officer (CIS)	-do-
Zia Ahmad Babar	Statistical Officer (CIS)	-do-
Muhammad Saqlain Siddiqui	Statistical Officer (CIS)	-do-
DESIGNATION	BUREAU'S FIELD OFFICES/ADDRESS	
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 Hunter 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