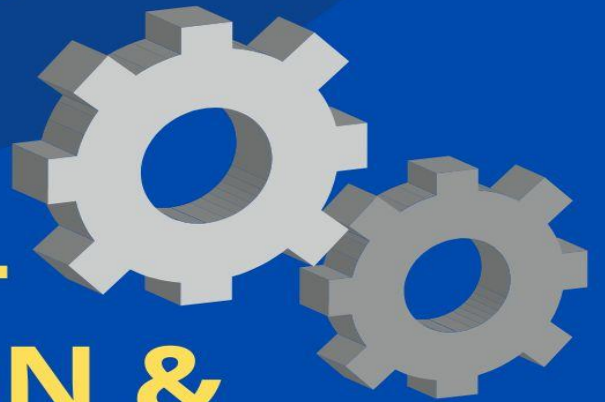




**MIPE**  
**December, 2023**

**MONTHLY  
INDUSTRIAL  
PRODUCTION &  
EMPLOYMENT  
SURVEY**



# **Monthly Industrial Production & Employment Survey (MIPE) December, 2023**

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## Preface

Monthly Industrial Production and Employment Survey (MIPE) is being conducted/ published by Sindh Bureau of Statistics on regular basis. This report provides important statistics in respect of industrial production & employment of large Scale Manufacturing (LSM) industries in Sindh.

This report contains information on 66 items manufactured in 18 selected large scale industrial sectors covering 641 industrial establishments (selection on the basis of CMI 2015-16). These industries account for 84.0% of total value added of large scale manufacturing sector in Sindh.

MIPE Report provides information regarding General Index and Quantum Index of Manufacturing (QIM) to base period 2015-16, and analytical analysis on the current status of production and employment in manufacturing sector.

All the efforts are made to improve the industrial statistics and hope this report would prove useful to policy makers, planners, researchers and other data users. Suggestion/ recommendations from the users will always be welcomed and appreciated.

### **Dr. Ishaque Ahmed Ansari**

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## 1. Introduction

A robust manufacturing sector promotes domestic production, exports and generates employment, hence stimulates the overall growth of an economy. During FY2023, the Pakistan's economy faced international supply shocks, coupled with domestic natural disaster shock (Flood-2022), these shocks aggravated the growth vulnerability. Pakistan's growth performance in FY2023 has been negatively affected by a decline in the manufacturing sector output. In Pakistan, manufacturing sector contributes 12.01% to Gross Domestic Product (GDP) dominates the overall manufacturing sector and the sector employs 14.9 % of the country's labor force. Pakistan's national accounts divides manufacturing sector into three main categories: Large Scale Manufacturing (LSM), Small Scale Manufacturing (SSM), and Slaughtering. LSM is comprised of businesses with ten or more employees and accounts for 78.4 percent of the Quantum Index of Manufacturing (QIM), which measures LSM performance. The QIM is derived from the Census of Manufacturing Industries conducted in 2015-16. It provides the measure of manufacturing industry outputs and operating status and reliable source for updating the Business Register (BR). According to the Pakistan Economic Survey 2022-23: The industrial sector posted a negative growth of 2.94 percent in FY2023. Industrial sector performance is more dependent on the Manufacturing sector which has a share of 65.0 percent in the industry. LSM is reflected by Quantum Index Numbers (QIM) data and overall, the Manufacturing sector posted a growth of -3.94 percent. For the compilation of Quantum Index of Manufacturing (QIM) of Pakistan as well as the Sindh is concerned, a fresh sample of 641 units was drawn by the Pakistan Bureau of Statistics (PBS) for the computation of Sindh QIM and the sample covers 84% of total of Sindh.

## 2. Manufacturing Activity

Manufacturing activity is can be defined as the process of making new organic or inorganic articles by chemical or mechanical conversion whether the efforts are carried out by hand or through driven machine at any place either in a factory or in the worker's house. Manufacturing activities include treating, processing, assembling, repairing and services

## 3. Scope and Coverage

The Census of Large-Scale Manufacturing Industries is conducted by Pakistan Bureau of Statistics (PBS) after every five years with manufacturing establishments classified under (10 to 33 division) Pakistan Standard Industrial Classification (PSIC-2010) based on UN-ISIC.Rev.4. Quantum Index of

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Manufacturing (QIM) is a measure of LSM performance with 84.0 weight in overall LSM and derived from the Census of Manufacturing Industries (CMI) 2015-16.

The role of Sindh province in the Large Scale Manufacturing is very vital. However, Sindh QIM's trend of overall manufacturing index has random behavior with ups and downs; which main cause in last year is COVID-19 and recession in economy. As the Karachi is the largest metropolitan city of Pakistan, according to Karachi Chamber of Commerce and Industry (KCCI) it produces 15% with an annual Gross Domestic Product (GDP). Sindh Business Register (SBR), 2017 established by Sindh Bureau of Statistics, Planning & Development Department during the field operation CMI 2015-16 started from January, 2017 shows that 67% establishments/ factories are located in Karachi Division and remaining 33% are located in other districts of Sindh.

For the timely and quality industrial statistics, Sindh Bureau of Statistics, Planning & Development Department has been conducting Monthly Survey of Industrial Production and Employment (MIPE). This survey report includes 66 items manufactured in 18 large scale Industrial sectors from 6,299 establishments/ factories in Sindh.

*Table. 1. District wise number of Manufacturing Establishments covered in CMI*

S/No.	District	2005-06	2015-16
01	Badin	6	131
02	Dadu	83	79
03	Ghotki	41	60
04	Hyderabad	98	397
05	Jacobabad	97	10
06	Jamshoro	-	125 <sup>1</sup>
07	Karachi Central	1,198*	1,054
08	Karachi East		252
09	Karachi Korangi		1,123
10	Karachi Malir		181
11	Karachi South		322
12	Karachi West		1,383
13	Kashmore	-	42 <sup>2</sup>
14	Khairpur	15	44
15	Larkana	84	97
16	Matiari	-	11
17	MirpurKhas	22	53
18	NaushahroFeroze	18	51
19	Sanghar	43	138
20	Kamber Shahdad Kot	-	82 <sup>2</sup>
21	Shaheed Benazirabad	24	115
22	Shikarpur	25	68
23	Sukkur	54	157
24	Tando Allahyar	-	49 <sup>3</sup>
25	Tando Muhammad Khan	-	21 <sup>3</sup>
26	Tharparkar	-	25 <sup>4</sup>
27	Thatta	17	186
28	Umer Kot	-	43 <sup>4</sup>
	<b>Total</b>	<b>1,825</b>	<b>6,299</b>

\*Number of establishments combined for overall Karachi in CMI 2005-06.

1. The district was created after the CMI 2005-06, from Dadu district.
2. These district was created after the CMI 2005-06, from Jacobabad district.
3. These district was created after the CMI 2005-06, from Hyderabad district.
4. These district was created after the CMI 2005-06, from Mirpurkhas district. *Source: CMI 2005-06 & 2015-16*

#### 4. Industrial Classification

For classification of manufacturing activities, Pakistan Standard Industrial Classification (PSIC) 2010, obtained from UN International Standard Industrial Classification ISIC Rev-4, has been used. The PSIC 2010 is an updated version of ISIC Rev.4 from 4 digits to 5-digit level.

#### 5. Frame of Sindh CMI 2015-16

In the Census of Large-Scale Manufacturing Industries (CMI 2015-16) the total frame of LSM stands at 6,299. Sindh Bureau of Statistics has covered 2,517 which is 40% response.

*Table. 2. District wise number of Manufacturing Establishments covered in CMI's*

Major Industry Groups	No. of Covered Establishments		
	Pakistan	Sindh	
	2015-16	2005-06	2015-16
Food Manufacturing	3638	556	1,682
Beverages	80	13	38
Tobacco	14	3	10
Textiles	4887	447	1,479
Wearing Apparel (Except Footwear)	1571	165	652
Leather & Leather Products including Footwear	655	30	111
Wood & Wood Products	362	19	29
Furniture	1154	17	31
Paper and Paper Products	492	29	202
Printing & Publishing	275	37	121
Drugs and Pharmaceutical Products	409	78	211
Industrial Chemicals	590	66	265
Petroleum & Miscellaneous Products	44	11	30
Rubber Products	801	51	215
Other Non-Metallic Mineral Products	3949	35	548
Iron, Steel & Non-ferous Metals	656	44	126
Fabricated Metal Products	1245	42	53
Non-Electrical Machinery	624	43	97
Electrical Machinery and Supplies	498	17	87
Vehicles, Transport and Equipment's	653	69	248
Scientific, Photographic & Optical	28	4	6
All others	1087	49	164
<b>Total</b>	<b>23,712</b>	<b>1,825</b>	<b>6,299</b>

*Source: CMI 2005-06 & 2015-16*

## 6. Methodology and Questionnaire

### 6.1. Questionnaire/ Proforma

A questionnaire/ Proforma is a research instrument consisting of a series of questions and other prompts for the purpose of gathering information from respondents. A pre-tested questionnaire is used for the data collection of industrial inputs related to employment and production, attached at Annex-A.

## 6.2. Methodology

The basic method of data collection for Sindh MIPE is the posting/ mailing of MIPE Questionnaires. More than 70% monthly returns are received to this Bureau through mail from industrial units. The non-responding or remaining establishments are visited by the officers/ officials of this Bureau, besides this the method of emailing, fax and telephonic approach are also used for collection of monthly returns and increase the response rate.

## 6.3. Editing

All the received returns are scrutinized for accuracy and consistency with previous data by the Industries Section of this Bureau. As per *Unit Calculation Sheet* different units of similar products are converted into the reporting units. In case of huge discrepancy between current and previous returns the factory management is approached to rectify these figures. In the absence establishment's return or non-availability of concerned person the average production of last month or the last month information is repeated for equivalence.

## 7. Quantum Index of Manufacturing (QIM)

A quantum index is an index based on quantity units of goods such as number or weight. Sindh bureau of Statistics is computing Index on Industrial Production using 2005-06 as base year. Index Series is generated by using Laspayer's Index.

$$QIM = \frac{\sum_{i=1}^n \frac{q_{im}}{q_{i0}} w_i}{\sum_{i=1}^n w_i} \times 100$$

*Equation 1 Laspayer's Index*

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

$q_{i0}$  = Average Production of the same  $i^{\text{th}}$  item in the base period (2015-16)

$w_i$  = Weight of the  $i^{\text{th}}$  item in the base period (2015-16)

$\sum_{i=1}^n w_i$  = Total Weight of 18 large scale industrial sectors covering 641 establishments in the base period with respect to the total value added of all the industries covered in CMI in the base year 2015-16.

## 8. Report Analysis

Summary findings on the basis of Index of Industrial Production are as follows:

- Overall Production in month of Dec, 2023 significantly increased by 3.56% as compared to last month of Nov, 2023.
- Production in manufacturing sector for the month of Dec, 2023 is increased considerably by 5.25% as compared to corresponding month of last year.
- Cumulative production from July-Dec, 2023-24 is only 0.1% increased from previous year as compared to cumulative production of July to Dec, 2022-23.
- Large Scale Manufacturing employment during Dec, 2023 is marginally decreased by 0.75% as compared to previous month.
- Employment in manufacturing sector for the month of Dec, 2023 is decreased significantly by 3.63% as compared to corresponding month of last year.

*Table 3: Series of Quantum Index of Manufacturing (QIM) at (2015-16=100)*

Month/ Year	2021-22	2022-23	2022-23
July	106.3	148.9	141.2
August	107.1	148.2	132.6
September	107.5	147.4	145.5
October	126.7	147.4	147.6
November	134.7	140.4	148.2
December	134.0	148.5	153.5
January	136.1	154.5	
February	139.8	156.6	
March	149.8	167.0	
April	139.0	154.4	
May	147.1	139.1	
June	157.0	144.9	
<b>Average (Geometric Mean)</b>	<b>131.0</b>	<b>149.6</b>	

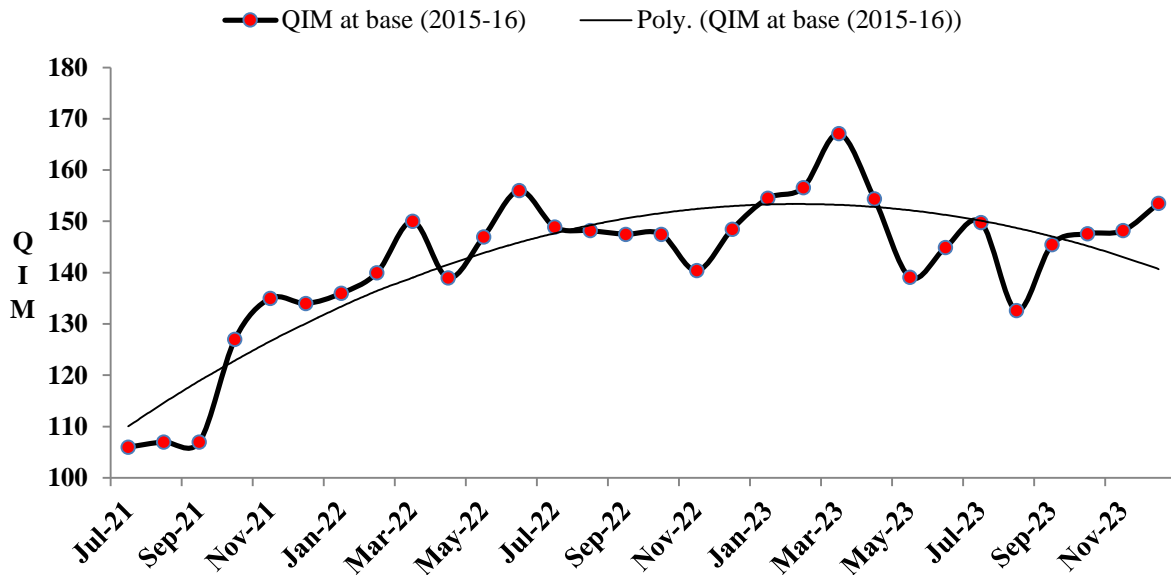


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2015-16

In the last three months, the QIM index value has been following an increasing trend due to seasonal variation in the maximum item in the food sector. In contrast to the previous year, a decreasing trend followed, except in steel production.

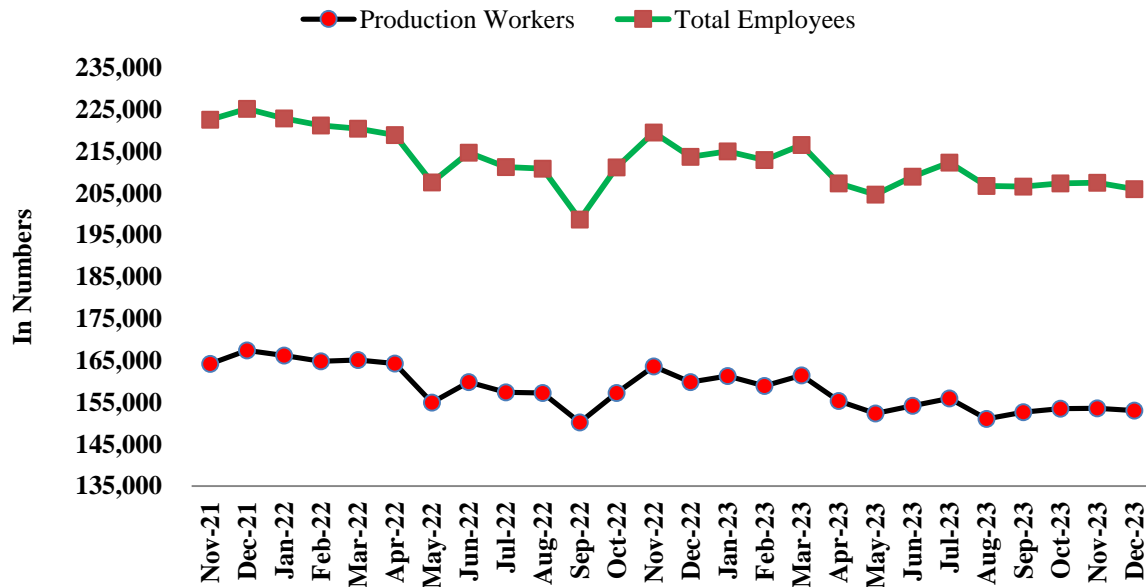


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries QIM 2015-16

In the current month, no significant change has been observed in employment compared to the previous month, but the production worker is continuously following a decreasing trend with the reference to the last six months. The decreasing trend in production workers may be due to the economic recession or may be due to migration of skilled workers.

Table 4: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Dec-2023 Vs Nov-2023

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Dec:2023 with Nov: 2023
						Dec:2023	Nov:2023	
<b>1.</b>	<b><u>FOOD PRODUCTS</u></b>		<b>209</b>	<b>12.3</b>				
i.	Vegetable Ghee	10401	25	2.1	M.Tons	37,178	33,691	110.3
ii.	Cooking Oil	10401	25	2.1	M.Tons	36,295	36,915	98.3
iii.	Liquid Milk	10501	3	1.1	"000" Liters.	5,343	5,624	95.0
iv.	Wheat & Grain Milling	10611	36	0.6	M.Tons	37,121	27,498	135.0
v.	Rice Milling	10612	65	1.9	M.Tons	14,589	12,609	115.7
vi.	Biscuits & Rusk	10713	12	1.3	M.Tons	15,871	14,644	108.4
vii.	Sugar	10721	27	1.3	M.Tons	237,575	107,049	221.9
viii.	Chocolate & sugar confectionery	10732	6	0.6	M.Tons	282	317	89.0
ix.	Tea	10792	4	1.1	M.Tons	4,549	4,917	92.5
x.	Animal/ Poultry Feeds	10802	6	0.3	M.Tons	1,370	1,191	115.0
<b>2.</b>	<b><u>BEVERAGES</u></b>		<b>7</b>	<b>0.5</b>				
i.	Mineral/ Bottled Waters	11042	4	0.1	"000" NOs.	50,225	59,159	84.9
ii.	Soft Drinks	11043	3	0.4	"000" NOs.	40,998	48,099	85.2
<b>3.</b>	<b><u>TEXTILES</u></b>		<b>128</b>	<b>17.6</b>				
i.	Knitting Wool (Cotton Yarn)	13112	52	7.4	M.Tons	41,012	35,705	114.9
ii.	Woolen Worsted Cloth (Cotton Fabric)	13121	45	8.0	"000" Sq. M	92,105	80,439	114.5
iii.	Terry Towel and Bath Robes (MM Yarn)	13129	21	1.2	M.Tons	8,998	9,998	90.0
iv.	Woolen Blankets	13921	10	1.0	"000" NOs.	890	689	129.2
<b>4.</b>	<b><u>WEARING APPAREL</u></b>		<b>56</b>	<b>10.0</b>				
i.	Garments	14102	51	9.3	Dozen	373,908	439,775	85.0
ii.	Hosiery, socks, tights etc.	14302	5	0.7	Dozen	38,860	45,247	85.9
<b>5.</b>	<b><u>LEATHER &amp; RELATED PRODUCTS</u></b>		<b>15</b>	<b>0.4</b>				
i.	Finished Leather/ Upper Leather	15111	15	0.4	"000" Sq. M.	487	512	95.1
<b>6.</b>	<b><u>WOOD &amp; WOOD WORKS</u></b>		<b>2</b>	<b>0.1</b>				
i.	Plywood	16212	2	0.1	"000"Sq.ft	7	8	87.5
<b>7.</b>	<b><u>PAPER &amp; PAPER PRODUCTS</u></b>		<b>13</b>	<b>2.2</b>				
i.	Paper/ Paper Board (Writing Paper)	17013	3	0.8	M.Tons	428	450	95.1
ii.	Corrugated paper/ paperboard containers (Packaging)	17021	10	1.4	M.Tons	4,284	4,080	105.0
<b>8.</b>	<b><u>PRINTING &amp; RECORDED MEDIA</u></b>		<b>17</b>	<b>0.9</b>				
i.	Printing of Newspapers/ magazines	18111	5	0.5	M.Tons	441	464	95.0
ii.	Printing of books, brochures, maps etc. (Advertising Material)	18112	10	0.1	M.Tons	437	460	95.0
iii.	Printing of postage stamps, cheques etc. (Printing Papers)	18113	2	0.3	M.Tons	353	354	99.7
<b>9.</b>	<b><u>COKE &amp; REFINED PETROLEUM PRODUCTS</u></b>		<b>9</b>	<b>12.4</b>				
i.	Motor Sprit	19201	3	5.6	"000" Liters.	28,340	29,243	96.9
ii.	Kerosene oil	19201	3	5.6	"000" Liters.	-	242	-
iii.	L.P.G	19203	9	0.1	"000" Liters.	1,390	1,552	89.6
iv.	Naphtha Solvent	19203	9	0.1	"000" Liters.	7,471	6,264	119.3
v.	H.S.D	19203	9	0.1	"000" Liters.	131,671	133,768	98.4
vi.	Furnace Oil	19203	9	0.1	"000" Liters.	56,234	55,691	101.0
vii.	ASPHALT 80-100	19203	9	0.1	"000" Liters.	2,492	3,055	81.6
viii.	ASPHALT 60-70	19203	9	0.1	"000" Liters.	3,111	6,287	49.5

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Dec:2023 with Nov: 2023
						Dec:2023	Nov:2023	
ix.	Jet Fuel	19203	9	0.1	"000" Liters.	7,549	9,662	78.1
x.	Lubricating Oil	19203	9	0.1	"000" Liters.	7,549	9,662	78.1
xi.	Others Petroleum Products	19203	9	0.1	"000" Liters.	25,170	37,710	66.7
<b>10.</b>	<b><u>CHEMICALS &amp; CHEMICALS PRODUCTS</u></b>		<b>14</b>	<b>5.8</b>				
i.	Sulphuric/ Hydrochloric Acid/ Alum Sulphate	20115	5	0.4	M.Tons	5,984	6,428	93.1
ii.	Urea	20121	3	1.1	M.Tons	211,928	232,023	91.3
iii.	Ammonia	20121	3	1.1	M.Tons	72,775	70,897	102.6
iv.	DAP	20121	3	1.1	M.Tons	-	-	
v.	Washing Soap	20232	6	0.8	M.Tons	5,447	5,889	92.5
vi.	Toilet Soap	20232	6	0.8	M.Tons	3,724	4,370	85.2
vii.	Detergent Powder	20234	4	0.5	M.Tons	21,701	23,460	92.5
<b>11.</b>	<b><u>PHARMACEUTICAL PRODUCTS</u></b>		<b>41</b>	<b>8.5</b>				
i.	Tablets	21001	41	1.7	"000" NOs.	2,305,489	2,305,914	100.0
ii.	Liquid / Syrups	21001	41	1.7	"000" Liters.	39,646	39,846	99.5
iii.	Injections	21001	41	1.7	"000" NOs.	71,784	71,692	100.1
iv.	Capsules	21001	41	1.7	"000" NOs.	191,243	190,743	100.3
v.	Ointments	21001	41	1.7	KGs.	188,136	199,474	94.3
<b>12.</b>	<b><u>RUBBER &amp; PLASTIC PRODUCTS</u></b>		<b>23</b>	<b>1.8</b>				
i.	Motor Tires	22111	2	0.3	Nos.	154,990	178,647	86.8
ii.	Plastic Products	22201	21	1.5	M.Tons	6,389	6,674	95.7
<b>13.</b>	<b><u>OTHER NON-METALIC MINERAL PRODUCTS</u></b>		<b>19</b>	<b>1.7</b>				
i.	Cement	23941	5	1.6	M.Tons	838,779	802,289	104.5
ii.	Marble	23961	14	0.1	M.Tons	428	451	94.9
<b>14.</b>	<b><u>BASIC IRON &amp; STEEL METALS</u></b>		<b>13</b>	<b>3.1</b>				
i.	Steel Products	24104	3	0.3	M.Tons	18,821	19,812	95.0
ii.	M S Products	24106	10	2.8	M.Tons	14,410	15,164	95.0
<b>15.</b>	<b><u>FABRICATED METALS PRODUCTS</u></b>		<b>1</b>	<b>0.4</b>				
i.	Safety Razor Blades	25931	1	0.4	"000" Nos.	43,390	45,674	95.0
<b>16.</b>	<b><u>ELECTRICAL EQUIPMENT</u></b>		<b>8</b>	<b>0.4</b>				
i.	Insulated Wire & Cables	27320	8	0.4	M.Tons	3,177	4,469	71.1
<b>17.</b>	<b><u>MOTOR VEHICLES &amp; PARTS</u></b>		<b>60</b>	<b>5.8</b>				
i.	Trucks	29101	13	0.4	Nos.	105	206	51.0
ii.	Buses	29101	13	0.4	Nos.	29	44	65.9
iii.	LCV'S	29101	13	0.4	Nos.	339	38	892.1
iv.	Tractors	29101	13	0.4	Nos.	2,673	3,839	69.6
v.	Cars	29101	13	0.4	Nos.	6,654	4,271	155.8
vi.	Vans & Jeep	29101	13	0.4	Nos.	670	1,062	63.1
vii.	Three Wheelers	29101	13	0.4	Nos.	2,539	1,162	218.5
viii.	Auto parts	29301	28	2.2	"000" Nos.	10,295	9,789	105.2
ix.	Motor Cycles	30911	19	0.5	Nos.	81,531	85,413	95.5
<b>18.</b>	<b><u>FURNITURE</u></b>		<b>6</b>	<b>0.1</b>				
i.	Sofa, Iron Chairs	31001	6	0.1	Nos.	351	370	94.9
			<b>641</b>	<b>84.0</b>				

**Table 5: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Dec-2023 Vs Dec-2022**

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Dec:2023 with Dec: 2022
						Dec:2023	Dec:2022	
<b>1.</b>	<b><u>FOOD PRODUCTS</u></b>		<b>209</b>	<b>12.3</b>				
i.	Vegetable Ghee	10401	25	2.1	M.Tons	37,178	39,791	93.4
ii.	Cooking Oil	10401	25	2.1	M.Tons	36,295	28,251	128.5
iii.	Liquid Milk	10501	3	1.1	"000" Liters.	5,343	7,142	74.8
iv.	Wheat & Grain Milling	10611	36	0.6	M.Tons	37,121	25,619	144.9
v.	Rice Milling	10612	65	1.9	M.Tons	14,589	18,787	77.7
vi.	Biscuits & Rusk	10713	12	1.3	M.Tons	15,871	14,472	109.7
vii.	Sugar	10721	27	1.3	M.Tons	237,575	242,902	97.8
viii.	Chocolate & sugar confectionery	10732	6	0.6	M.Tons	282	410	68.8
ix.	Tea	10792	4	1.1	M.Tons	4,549	4,373	104.0
x.	Animal/ Poultry Feeds	10802	6	0.3	M.Tons	1,370	102	1343.1
<b>2.</b>	<b><u>BEVERAGES</u></b>		<b>7</b>	<b>0.5</b>				
i.	Mineral/ Bottled Waters	11042	4	0.1	"000" NOs.	50,225	35,317	142.2
ii.	Soft Drinks	11043	3	0.4	"000" NOs.	40,998	53,995	75.9
<b>3.</b>	<b><u>TEXTILES</u></b>		<b>128</b>	<b>17.6</b>				
i.	Knitting Wool (Cotton Yarn)	13112	52	7.4	M.Tons	41,012	38,029	107.8
ii.	Woolen Worsted Cloth (Cotton Fabric)	13121	45	8.0	"000" Sq. M	92,105	58,365	157.8
iii.	Terry Towel and Bath Robes (MM Yarn)	13129	21	1.2	M.Tons	8,998	14,186	63.4
iv.	Woolen Blankets	13921	10	1.0	"000" NOs.	890	2,243	39.7
<b>4.</b>	<b><u>WEARING APPAREL</u></b>		<b>56</b>	<b>10.0</b>				
i.	Garments	14102	51	9.3	Dozen	373,908	722,413	51.8
ii.	Hosiery, socks, tights etc.	14302	5	0.7	Dozen	38,860	76,394	50.9
<b>5.</b>	<b><u>LEATHER &amp; RELATED PRODUCTS</u></b>		<b>15</b>	<b>0.4</b>				
i.	Finished Leather/ Upper Leather	15111	15	0.4	"000" Sq. M.	487	323	150.8
<b>6.</b>	<b><u>WOOD &amp; WOOD WORKS</u></b>		<b>2</b>	<b>0.1</b>				
i.	Plywood	16212	2	0.1	"000"Sq.ft	7	16	43.8
<b>7.</b>	<b><u>PAPER &amp; PAPER PRODUCTS</u></b>		<b>13</b>	<b>2.2</b>				
i.	Paper/ Paper Board (Writing Paper)	17013	3	0.8	M.Tons	428	415.0	103.1
ii.	Corrugated paper/ paperboard containers (Packaging)	17021	10	1.4	M.Tons	4,284	5195	82.5
<b>8.</b>	<b><u>PRINTING &amp; RECORDED MEDIA</u></b>		<b>17</b>	<b>0.9</b>				
i.	Printing of Newspapers/ magazines	18111	5	0.5	M.Tons	441	738	59.8
ii.	Printing of books, brochures, maps etc. (Advertising Material)	18112	10	0.1	M.Tons	437	518	84.4
iii.	Printing of postage stamps, cheques etc. (Printing Papers)	18113	2	0.3	M.Tons	353	553	63.8
<b>9.</b>	<b><u>COKE &amp; REFINED PETROLEUM PRODUCTS</u></b>		<b>9</b>	<b>12.4</b>				
i.	Motor Sprit	19201	3	5.6	"000" Liters.	28,340	22,600	125.4
ii.	Kerosene oil	19201	3	5.6	"000" Liters.	-	840	-
iii.	L.P.G	19203	9	0.1	"000" Liters.	1,390	1,915	72.6
iv.	Naphtha Solvent	19203	9	0.1	"000" Liters.	7,471	4,720	158.3
v.	H.S.D	19203	9	0.1	"000" Liters.	131,671	117,181	112.4
vi.	Furnace Oil	19203	9	0.1	"000" Liters.	56,234	51,727	108.7
vii.	ASPHALT 80-100	19203	9	0.1	"000" Liters.	2,492	-	-
viii.	ASPHALT 60-70	19203	9	0.1	"000" Liters.	3,111	7,729	40.2
ix.	Jet Fuel	19203	9	0.1	"000" Liters.	7,549	14,288	52.8

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Dec:2023 with Dec: 2022
						Dec:2023	Dec:2022	
x.	Lubricating Oil	19203	9	0.1	"000" Liters.	7,549	13,840	54.5
xi.	Others Petroleum Products	19203	9	0.1	"000" Liters.	25,170	21,840	115.2
<b>10.</b>	<b><u>CHEMICALS &amp; CHEMICALS PRODUCTS</u></b>		<b>14</b>	<b>5.8</b>				
i.	Sulphuric/ Hydrochloric Acid/ Alum Sulphate	20115	5	0.4	M.Tons	5,984	3,947	151.6
ii.	Urea	20121	3	1.1	M.Tons	211,928	212,521	99.7
iii.	Ammonia	20121	3	1.1	M.Tons	72,775	56,641	128.5
iv.	DAP	20121	3	1.1	M.Tons	-	38,986	-
v.	Washing Soap	20232	6	0.8	M.Tons	5,447	28,229	19.3
vi.	Toilet Soap	20232	6	0.8	M.Tons	3,724	3,871	96.2
vii.	Detergent Powder	20234	4	0.5	M.Tons	21,701	29,714	73.0
<b>11.</b>	<b><u>PHARMACEUTICAL PRODUCTS</u></b>		<b>41</b>	<b>8.5</b>				
i.	Tablets	21001	41	1.7	"000" NOs.	2,305,489	2,295,876	100.4
ii.	Liquid / Syrups	21001	41	1.7	"000" Liters.	39,646	37,536	105.6
iii.	Injections	21001	41	1.7	"000" NOs.	71,784	62,922	114.1
iv.	Capsules	21001	41	1.7	"000" NOs.	191,243	198,288	96.4
v.	Ointments	21001	41	1.7	KGs.	188,136	330,839	56.9
<b>12.</b>	<b><u>RUBBER &amp; PLASTIC PRODUCTS</u></b>		<b>23</b>	<b>1.8</b>				
i.	Motor Tires	22111	2	0.3	Nos.	154,990	178,929	86.6
ii.	Plastic Products	22201	21	1.5	M.Tons	6,389	6,769	94.4
<b>13.</b>	<b><u>OTHER NON-METALIC MINERAL PRODUCTS</u></b>		<b>19</b>	<b>1.7</b>				
i.	Cement	23941	5	1.6	M.Tons	838,779	475,351	176.5
ii.	Marble	23961	14	0.1	M.Tons	428	500	85.6
<b>14.</b>	<b><u>BASIC IRON &amp; STEEL METALS</u></b>		<b>13</b>	<b>3.1</b>				
i.	Steel Products	24104	3	0.3	M.Tons	18,821	6,659	282.6
ii.	M S Products	24106	10	2.8	M.Tons	14,410	14,039	102.6
<b>15.</b>	<b><u>FABRICATED METALS PRODUCTS</u></b>		<b>1</b>	<b>0.4</b>				
i.	Safety Razor Blades	25931	1	0.4	"000" Nos.	43,390	50,836	85.4
<b>16.</b>	<b><u>ELECTRICAL EQUIPMENT</u></b>		<b>8</b>	<b>0.4</b>				
i.	Insulated Wire & Cables	27320	8	0.4	M.Tons	3,177	4,075	78.0
<b>17.</b>	<b><u>MOTOR VEHICLES &amp; PARTS</u></b>		<b>60</b>	<b>5.8</b>				
i.	Trucks	29101	13	0.4	Nos.	105	291	36.1
ii.	Buses	29101	13	0.4	Nos.	29	57	50.9
iii.	LCV'S	29101	13	0.4	Nos.	339	524	64.7
iv.	Tractors	29101	13	0.4	Nos.	2,673	1,064	251.2
v.	Cars	29101	13	0.4	Nos.	6,654	13,758	48.4
vi.	Vans & Jeep	29101	13	0.4	Nos.	670	1,915	35.0
vii.	Three Wheelers	29101	13	0.4	Nos.	2,539	2,084	121.8
viii.	Auto parts	29301	28	2.2	"000" Nos.	10,295	3,504	293.8
ix.	Motor Cycles	30911	19	0.5	Nos.	81,531	105,154	77.5
<b>18.</b>	<b><u>FURNITURE</u></b>		<b>6</b>	<b>0.1</b>				
i.	Sofa, Iron Chairs	31001	6	0.1	Nos.	351	351	100.0
			<b>641</b>	<b>84.0</b>				

**Table 6: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, (Jul-Dec) 2023-24 Vs (Jul-Dec) 2022-23**

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production on in 2023-24 (Jul-Dec) with 2022-23 (Jul-Dec)
						2023-24 (Jul-Dec)	2022-23 (Jul-Dec)	
<b>1.</b>	<b><u>FOOD PRODUCTS</u></b>		<b>209</b>	<b>12.3</b>				
i.	Vegetable Ghee	10401	25	2.1	M.Tons	210,527	207,799	101.3
ii.	Cooking Oil	10401	25	2.1	M.Tons	204,957	150,012	136.6
iii.	Liquid Milk	10501	3	1.1	"000" Liters.	35,788	44,229	80.9
iv.	Wheat & Grain Milling	10611	36	0.6	M.Tons	166,392	128,323	129.7
v.	Rice Milling	10612	65	1.9	M.Tons	33,753	33,841	99.7
vi.	Biscuits & Rusk	10713	12	1.3	M.Tons	80,361	94,622	84.9
vii.	Sugar	10721	27	1.3	M.Tons	344,924	300,995	114.6
viii.	Chocolate & sugar confectionery	10732	6	0.6	M.Tons	2,109	2,203	95.7
ix.	Tea	10792	4	1.1	M.Tons	26,625	22,096	120.5
x.	Animal/ Poultry Feeds	10802	6	0.3	M.Tons	3,991	958	416.6
<b>2.</b>	<b><u>BEVERAGES</u></b>		<b>7</b>	<b>0.5</b>				
i.	Mineral/ Bottled Waters	11042	4	0.1	"000" NOs.	377,537	192,783	195.8
ii.	Soft Drinks	11043	3	0.4	"000" NOs.	306,286	338,403	90.5
<b>3.</b>	<b><u>TEXTILES</u></b>		<b>128</b>	<b>17.6</b>				
i.	Knitting Wool (Cotton Yarn)	13112	52	7.4	M.Tons	215,444	234,920	91.7
ii.	Woolen Worsted Cloth (Cotton Fabric)	13121	45	8.0	"000" Sq. M	471,288	377,029	125.0
iii.	Terry Towel and Bath Robes (MM Yarn)	13129	21	1.2	M.Tons	70,508	79,807	88.3
iv.	Woolen Blankets	13921	10	1.0	"000" NOs.	4,635	11,847	39.1
<b>4.</b>	<b><u>WEARING APPAREL</u></b>		<b>56</b>	<b>10.0</b>				
i.	Garments	14102	51	9.3	Dozen	3,079,494	4,314,448	71.4
ii.	Hosiery, socks, tights etc.	14302	5	0.7	Dozen	336,091	448,395	75.0
<b>5.</b>	<b><u>LEATHER &amp; RELATED PRODUCTS</u></b>		<b>15</b>	<b>0.4</b>				
i.	Finished Leather/ Upper Leather	15111	15	0.4	"000" Sq. M.	3,043	2,386	127.5
<b>6.</b>	<b><u>WOOD &amp; WOOD WORKS</u></b>		<b>2</b>	<b>0.1</b>				
i.	Plywood	16212	2	0.1	"000" Sq.ft	29	61.0	47.5
<b>7.</b>	<b><u>PAPER &amp; PAPER PRODUCTS</u></b>		<b>13</b>	<b>2.2</b>				
i.	Paper/ Paper Board (Writing Paper)	17013	3	0.8	M.Tons	2,714	2,467	110.0
ii.	Corrugated paper/ paperboard containers (Packaging)	17021	10	1.4	M.Tons	22,794	28,426	80.2
<b>8.</b>	<b><u>PRINTING &amp; RECORDED MEDIA</u></b>		<b>17</b>	<b>0.9</b>				
i.	Printing of Newspapers/ magazines	18111	5	0.5	M.Tons	2,954	4,052	72.9
ii.	Printing of books, brochures, maps etc. (Advertising Material)	18112	10	0.1	M.Tons	2,797	2,910	96.1
iii.	Printing of postage stamps, cheques etc. (Printing Papers)	18113	2	0.3	M.Tons	2,190	3,601	60.8
<b>9.</b>	<b><u>COKE &amp; REFINED PETROLEUM PRODUCTS</u></b>		<b>9</b>	<b>12.4</b>				
i.	Motor Sprit	19201	3	5.6	"000" Liters.	158,525	134,943	117.5
ii.	Kerosene oil	19201	3	5.6	"000" Liters.	1,759	1,835	95.9
iii.	L.P.G	19203	9	0.1	"000" Liters.	7,447	10,663	69.8
iv.	Naphtha Solvent	19203	9	0.1	"000" Liters.	29,768	43,323	68.7
v.	H.S.D	19203	9	0.1	"000" Liters.	738,649	617,628	119.6
vi.	Furnace Oil	19203	9	0.1	"000" Liters.	355,579	318,755	111.6
vii.	ASPHALT 80-100	19203	9	0.1	"000" Liters.	14,615	15,461	94.5

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in 2023-24 (Jul-Dec) with 2022-23 (Jul-Dec)
						2023-24 (Jul-Dec)	2022-23 (Jul-Dec)	
viii.	ASPHALT 60-70	19203	9	0.1	"000" Liters.	26,220	59,927	43.8
ix.	Jet Fuel	19203	9	0.1	"000" Liters.	55,201	83,646	66.0
x.	Lubricating Oil	19203	9	0.1	"000" Liters.	58,374	76,312	76.5
xi.	Others Petroleum Products	19203	9	0.1	"000" Liters.	152,151	128,983	118.0
<b>10.</b>	<b><u>CHEMICALS &amp; CHEMICALS PRODUCTS</u></b>		<b>14</b>	<b>5.8</b>				
i.	Sulphuric/ Hydrochloric Acid/ Alum Sulphate	20115	5	0.4	M.Tons	31,008	24,656	125.8
ii.	Urea	20121	3	1.1	M.Tons	1,347,487	1,507,655	89.4
iii.	Ammonia	20121	3	1.1	M.Tons	423,778	424,521	99.8
iv.	DAP	20121	3	1.1	M.Tons	119,013	265,762	44.8
v.	Washing Soap	20232	6	0.8	M.Tons	34,858	160,073	21.8
vi.	Toilet Soap	20232	6	0.8	M.Tons	25,193	26,269	95.9
vii.	Detergent Powder	20234	4	0.5	M.Tons	142,323	188,089	75.7
<b>11.</b>	<b><u>PHARMACEUTICAL PRODUCTS</u></b>		<b>41</b>	<b>8.5</b>				
i.	Tablets	21001	41	1.7	"000" NOs.	14,272,448	13,778,218	103.6
ii.	Liquid / Syrups	21001	41	1.7	"000" Liters.	250,017	215,733	115.9
iii.	Injections	21001	41	1.7	"000" NOs.	425,881	382,021	111.5
iv.	Capsules	21001	41	1.7	"000" NOs.	1,176,814	1,161,417	101.3
v.	Ointments	21001	41	1.7	KGs.	1,199,222	1,668,081	71.9
<b>12.</b>	<b><u>RUBBER &amp; PLASTIC PRODUCTS</u></b>		<b>23</b>	<b>1.8</b>				
i.	Motor Tires	22111	2	0.3	Nos.	1,003,645	1,084,884	92.5
ii.	Plastic Products	22201	21	1.5	M.Tons	35,150	47,953	73.3
<b>13.</b>	<b><u>OTHER NON-METALIC MINERAL PRODUCTS</u></b>		<b>19</b>	<b>1.7</b>				
i.	Cement	23941	5	1.6	M.Tons	4,383,066	3,628,567	120.8
ii.	Marble	23961	14	0.1	M.Tons	2,680	2,862	93.6
<b>14.</b>	<b><u>BASIC IRON &amp; STEEL METALS</u></b>		<b>13</b>	<b>3.1</b>				
i.	Steel Products	24104	3	0.3	M.Tons	97,502	58,280	167.3
ii.	M S Products	24106	10	2.8	M.Tons	84,003	119,433	70.3
<b>15.</b>	<b><u>FABRICATED METALS PRODUCTS</u></b>		<b>1</b>	<b>0.4</b>				
i.	Safety Razor Blades	25931	1	0.4	"000" Nos.	298,005	251,440	118.5
<b>16.</b>	<b><u>ELECTRICAL EQUIPMENT</u></b>		<b>8</b>	<b>0.4</b>				
i.	Insulated Wire & Cables	27320	8	0.4	M.Tons	26,396	26,267	100.5
<b>17.</b>	<b><u>MOTOR VEHICLES &amp; PARTS</u></b>		<b>60</b>	<b>5.8</b>				
i.	Trucks	29101	13	0.4	Nos.	969	1,844	52.5
ii.	Buses	29101	13	0.4	Nos.	406	454	89.4
iii.	LCV'S	29101	13	0.4	Nos.	1,268	3,512	36.1
iv.	Tractors	29101	13	0.4	Nos.	23,949	14,094	169.9
v.	Cars	29101	13	0.4	Nos.	32,381	71,378	45.4
vi.	Vans & Jeep	29101	13	0.4	Nos.	6,961	12,395	56.2
vii.	Three Wheelers	29101	13	0.4	Nos.	8,861	8,804	100.6
viii.	Auto parts	29301	28	2.2	"000" Nos.	55,197	35,334	156.2
ix.	Motor Cycles	30911	19	0.5	Nos.	550,041	760,031	72.4
<b>18.</b>	<b><u>FURNITURE</u></b>		<b>6</b>	<b>0.1</b>				
i.	Sofa, Iron Chairs	31001	6	0.1	Nos.	2,210	2,107	104.9
			<b>641</b>	<b>84.0</b>				

Table 7: Employment in Selected Large-Scale Manufacturing Sector, Dec-2023 Vs Nov-2023

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Dec:2023	Nov:2023	Dec:2023	Nov:2023
1	FOOD PRODUCTS	209	23,995	23,184	16,380	15,648
2	BEVERAGES	7	5,144	5,156	1,169	1,172
3	TEXTILES	128	89,033	91,415	67,378	68,943
4	WEARING APPAREL	56	27,389	27,389	23,515	23,515
5	LEATHER & RELATED PRODUCTS	15	4,118	4,100	3,587	3,620
6	WOOD & WOOD WORKS	2	383	383	320	320
7	PAPER & PAPER PRODUCTS	13	2,116	2,100	1,463	1,443
8	PRINTING & RECORDED MEDIA	17	3,972	3,944	3,077	2,777
9	COKE & REFINED PETROLEUM PRODUCTS	9	1,209	1,212	903	906
10	CHEMICALS & CHEMICALS PRODUCTS	14	6,933	6,939	5,285	5,289
11	PHARMACEUTICAL PRODUCTS	41	14,583	14,639	9,998	10,048
12	RUBBER & PLASTIC PRODUCTS	23	5,973	5,927	4,303	4,256
13	OTHER NON-METALIC MINERAL PRODUCTS	19	2,954	2,952	1,943	1,936
14	BASIC IRON & STEEL METALS	13	1,097	1,097	849	849
15	FABRICATED METALS PRODUCTS	1	510	510	478	478
16	ELECTRICAL EQUIPMENT	8	7,071	7,035	5,438	5,384
17	MOTOR VEHICLES & PARTS	60	9,435	9,497	6,920	6,977
18	FURNITURE	6	57	57	34	34
	<b>Grand Total</b>	<b>641</b>	<b>205,970</b>	<b>207,534</b>	<b>153,038</b>	<b>153,595</b>

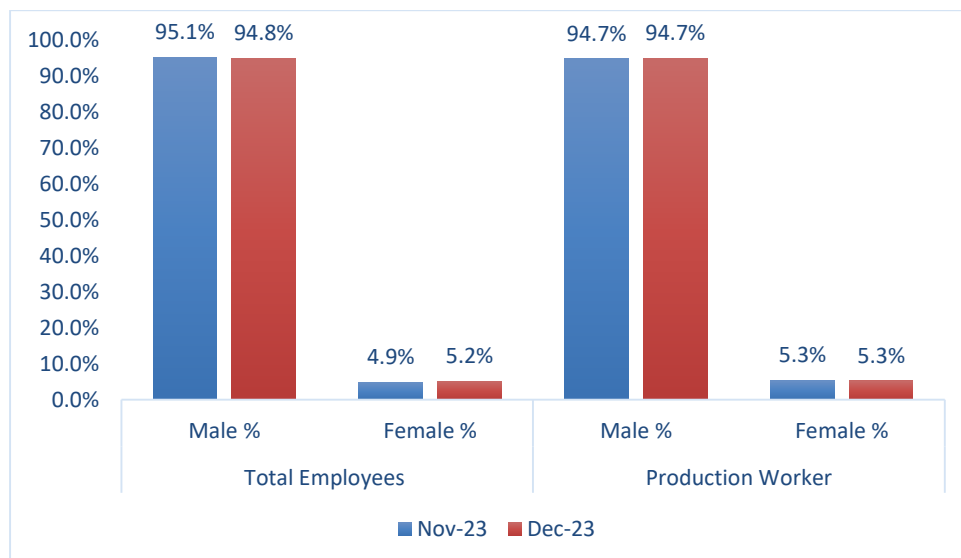
Table 8: Employment in Selected Large-Scale Manufacturing Sector, Dec-2023 Vs Dec-2022

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Dec:2023	Dec:2022	Dec:2023	Dec:2022
1	FOOD PRODUCTS	209	23,995	25,222	16,380	17,207
2	BEVERAGES	7	5,144	2,560	1,169	690
3	TEXTILES	128	89,033	95,991	67,378	72,399
4	WEARING APPAREL	56	27,389	28,750	23,515	24,780
5	LEATHER & RELATED PRODUCTS	15	4,118	4,733	3,587	4,162
6	WOOD & WOOD WORKS	2	383	300	320	258
7	PAPER & PAPER PRODUCTS	13	2,116	2,002	1,463	1,426
8	PRINTING & RECORDED MEDIA	17	3,972	4,176	3,077	2,913
9	COKE & REFINED PETROLEUM PRODUCTS	9	1,209	1,329	903	1,017
10	CHEMICALS & CHEMICALS PRODUCTS	14	6,933	6,926	5,285	5,268
11	PHARMACEUTICAL PRODUCTS	41	14,583	15,037	9,998	10,407
12	RUBBER & PLASTIC PRODUCTS	23	5,973	4,764	4,303	3,388
13	OTHER NON-METALIC MINERAL PRODUCTS	19	2,954	2,925	1,943	1,918
14	BASIC IRON & STEEL METALS	13	1,097	1,043	849	793
15	FABRICATED METALS PRODUCTS	1	510	556	478	516
16	ELECTRICAL EQUIPMENT	8	7,071	6,870	5,438	5,257
17	MOTOR VEHICLES & PARTS	60	9,435	10,484	6,920	7,381
18	FURNITURE	6	57	57	34	34
	<b>Grand Total</b>	<b>641</b>	<b>205,970</b>	<b>213,727</b>	<b>153,038</b>	<b>159,812</b>

Table 9: Gender wise Percentage of Employment in Selected Large-Scale Manufacturing Sector, Dec-2023

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Male %	Female %	Male %	Female %
1	FOOD PRODUCTS	209	99.3%	0.7%	99.8%	0.2%
2	BEVERAGES	7	98.3%	1.7%	95.8%	4.2%
3	TEXTILES	128	97.2%	2.8%	97.7%	2.3%
4	WEARING APPAREL	56	82.4%	17.6%	81.8%	18.2%
5	LEATHER & RELATED PRODUCTS	15	98.5%	1.5%	99.3%	0.7%
6	WOOD & WOOD WORKS	2	97.6%	2.4%	100.0%	0.0%
7	PAPER & PAPER PRODUCTS	13	94.8%	5.2%	99.6%	0.4%
8	PRINTING & RECORDED MEDIA	17	99.0%	1.0%	100.0%	0.0%
9	COKE & REFINED PETROLEUM PRODUCTS	9	95.8%	4.2%	96.0%	4.0%
10	CHEMICALS & CHEMICALS PRODUCTS	14	97.9%	2.1%	98.4%	1.6%
11	PHARMACEUTICAL PRODUCTS	41	86.4%	13.6%	82.6%	17.4%
12	RUBBER & PLASTIC PRODUCTS	23	95.1%	4.9%	98.7%	1.3%
13	OTHER NON-METALIC MINERAL PRODUCTS	19	99.3%	0.7%	99.9%	0.1%
14	BASIC IRON & STEEL METALS	13	100.0%	0.0%	100.0%	0.0%
15	FABRICATED METALS PRODUCTS	1	100.0%	0.0%	100.0%	0.0%
16	ELECTRICAL EQUIPMENT	8	98.6%	1.4%	98.5%	1.5%
17	MOTOR VEHICLES & PARTS	60	97.6%	2.4%	98.3%	1.7%
18	FURNITURE	6	100.0%	0.0%	100.0%	0.0%
<b>Grand Total</b>		<b>641</b>	<b>94.8%</b>	<b>5.2%</b>	<b>94.7%</b>	<b>5.3%</b>

Figure 3: Chart of Gender wise Percentages of Employment in Large Scale Manufacturing Industries



## Annexure – A Proforma/ Questionnaire



GOVERNMENT OF SINDH  
PLANNING & DEVELOPMENT DEPARTMENT  
BUREAU OF STATISTICS

http://sbos.sindh.gov.pk  
Street-13, Block-8, Kehkashan Clifton, Karachi

The information supplied will be kept strictly confidential and will be used for statistical purpose only.	REPORT FOR	
	MONTH	YEAR

MONTHLY SURVEY OF INDUSTRIAL PRODUCTION AND EMPLOYMENT IN SINDH.

INDUSTRY CODE

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Estb: Code

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PART-I GENERAL PARTICULARS

i) Name and Address of the Establishment \_\_\_\_\_

ii) Name, Designation, Telephone, Cell and \_\_\_\_\_

Fax# of the person to be contacted. \_\_\_\_\_

iii) Website and E-mail Address \_\_\_\_\_

PART-II PRODUCTION DATA

S.No	Major Items of Production	Code	Unit of Quantity	Code	Previous Month	Current Month	Reasons of Growth/ Decline

PART-III WORKING DAYS AND EMPLOYMENT

i) No. of days establishment worked \_\_\_\_\_

ii) No. of Production workers. \_\_\_\_\_

Male \_\_\_\_\_ Female \_\_\_\_\_ Total \_\_\_\_\_

iii) No. of Non production workers \_\_\_\_\_

Male \_\_\_\_\_ Female \_\_\_\_\_ Total \_\_\_\_\_

TOTAL ( ii + iii ) \_\_\_\_\_

Male \_\_\_\_\_ Female \_\_\_\_\_ Total \_\_\_\_\_

Note: Production Workers mean those who are directly associated with production. It includes those engaged in manufacturing, assembling packing repairing etc. Working Supervisor should also be included, Non production worker mean those who are not directly associated with production it includes Administrative Clerical and Services Staff like Chowkidar, Driver and Sweeper.

Signature \_\_\_\_\_

Designation \_\_\_\_\_

Date \_\_\_\_\_

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## Annexure – B      Important Definitions

- Large Scale Manufacturing Industries

Establishments where 10 or more employees are working are called large Scale Manufacturing Industries.

- Employees

Employees mean all persons whether part time or full time who work in the establishments and receive remuneration in cash or in kind. Working proprietors, unpaid family workers and home workers are excluded from the category of employee. There are two types of employees Production Workers and Non-Production Workers.

- Production Workers

Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

- Non-Production Workers

Include administrative and professional employees, white-collar office employees, drivers, watchmen/ guards, peons, sweepers, office boys, etc.

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## Annexure – C      Data Users

- Ministry of Industries & Production, Government of Pakistan.
- Planning & Development Department, Government of Sindh.
- Pakistan Bureau of Statistics, Government of Pakistan.
- State Bank of Pakistan.
- Research & Training Wing, Planning & Development Department, Government of Sindh.

## Annexure – D Census value added and Contribution to GDP

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
<b>C</b>	<b>ALL INDUSTRIES</b>	<b>6299</b>	<b>1929472066</b>	<b>1637834836</b>	<b>1268637678</b>	<b>1255894601</b>	<b>1182636295</b>
<b>10</b>	<b>FOOD PRODUCTS</b>	<b>1682</b>	<b>295368858</b>	<b>235434110</b>	<b>203106723</b>	<b>197273490</b>	<b>195510704</b>
10102	Fresh, chilled or frozen meat	5	4691422	2722767	2682150	2702246	2702223
10202	Fish, crustacean & mollusc products	14	572126	482976	482976	482644	482349
10302	Preserving of fruit, nuts or vegetables	24	1497731	951323	951323	951323	951323
10305	Jams, jellies & marmalades	2	4132058	3095923	1677737	1677335	1677335
10401	Crude / refined vegetable oils	164	70799514	58992520	55833158	51485578	50577888
10405	Cotton linters.	131	7747677	7144462	7126701	6585313	6360547
10406	Oilcakes & others	18	440116	380259	304810	304810	302778
10501	fresh liquid milk & milk-based drinks	8	20698635	15127003	14051823	14061378	14061378
10506	Ice cream & other edible ice.						
10509	Others n.e.c.	10	156475	126956	121730	121730	121537
10611	Grain milling.	221	8082300	7195760	7000605	6997277	6961744
10612	Rice milling.	603	25774678	24087309	23944477	24059175	23881095
10613	Vegetable milling						
10621	Starches from rice, potatoes, maize etc.	102	14368886	12820492	9319791	9279365	9255406
10711	Bread & rolls	36	2522314	2071664	2008855	1948380	1944139
10712	Pastry, cakes, pies etc	5	144870	96387	96387	96387	96322
10713	Rusks, biscuits & bakery products	47	30635020	23024946	16769757	16687098	16683728
10719	Others n.e.c.	24	1927248	931039	915004	915004	902820
10721	Sugar & sugar substitutes	36	27320072	24031576	17337711	16675155	16664606
10732	Chocolate & sugar confectionery	32	12190966	7521403	7515126	7515126	7515047
10792	Blending of tea & mate	7	34140036	22815606	13551283	13551283	13551283
10794	Infant formula or baby foods etc						
10795	Prepared foods/sandwiches, fresh pizza etc.	3	2192123	2115736	2115335	2115335	
10796	Spices, sauces & condiments	34	13626483	9318342	9318342	9318342	9318121
10798	Processing of salt	15	136945	123542	123542	123542	123469
10799	Others n.e.c.	94	6612861	5947268	5571412	5648432	5485615
10802	Prepared feeds for farm animals	47	4958300	4308853	4286690	3971233	3774615
<b>11</b>	<b>BEVERAGES</b>	<b>38</b>	<b>22325221</b>	<b>19873504</b>	<b>13112942</b>	<b>10232864</b>	<b>10230926</b>
11041	Non-alcoholic beverages	9	5045958	4661248	3388382	3334412	3332670
11042	Natural mineral waters/ bottled waters	17	1979406	1596578	1596578	1596578	1596578
11043	Soft drinks like lemonade, cola etc.	12	15299858	13615678	8127982	5301874	5301678
<b>12</b>	<b>TOBACCO PRODUCTS</b>	<b>10</b>	<b>112570</b>	<b>107551</b>	<b>107551</b>	<b>107551</b>	<b>107551</b>
12001	Tobacco products & substitutes etc.	10	112570	107551	107551	107551	107551
<b>13</b>	<b>TEXTILES</b>	<b>1479</b>	<b>313495611</b>	<b>257294210</b>	<b>243014510</b>	<b>243213252</b>	<b>241916885</b>
13112	Spinning of yarn or thread	219	124719279	104200299	92716189	92901931	91784959
13121	Broad woven fabrics	590	123627421	101855663	99846588	99872516	99763867

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
13129	Others n.e.c.	227	17731571	14620052	14471382	14471382	14460481
13131	Bleaching & dyeing of fabrics	223	19355753	15557699	15410689	15406905	15371102
13921	Madeup articles of any textile material	66	16611830	12750176	12690056	12697607	12690353
13922	Made-up furnishing articles	9	3436413	2084252	2084252	2084252	2083372
13930	Floor coverings like carpets, rugs etc.				497798		483307
13941	Twine, cordage, rope etc.	6	844092	685306	5297555	487158	5279444
13991	Labels/ badges etc.	12	3909019	2623422		2398751	
13992	Tulles/ laces & other net fabrics	125	3238775	2897385	2881799	2883311	2871266
13999	Others n.e.c.	2	21460	19957	17005	9438	9426
<b>14</b>	<b>WEARING APPAREL</b>	<b>652</b>	<b>169706963</b>	<b>134640465</b>	<b>130863184</b>	<b>130834476</b>	<b>130221376</b>
14101	Wearing apparel of leather	27	1492784	888567	887486	887486	868192
14102	Outerwear/ work wear	524	153025309	120139592	116476136	116458526	115897861
14103	Underwear/ nightwear	4	1884756	1851744	1797756	1786658	1753650
14105	Other clothing accessories	5	4270505	3276305	3276305	3276305	3276173
14302	Hosiery, socks, tights & pantyhose etc	92	9033608	8484257	8425501	8425501	8425501
<b>15</b>	<b>LEATHER PRODUCTS</b>	<b>111</b>	<b>7019933</b>	<b>4955482</b>	<b>4953790</b>	<b>4941630</b>	<b>4932933</b>
15111	Tanning/ dressing of hides & skins	87	6478115	4508141	4506449	4494289	4485592
15121	Luggage, h&bags etc.						
15122	Articles of leather etc.	16	499068	404591		404591	
15201	Footwear	8	42750	42750	42750	42750	42750
<b>16</b>	<b>WOOD AND WOOD PRODUCTS</b>	<b>29</b>	<b>3329177</b>	<b>3154918</b>	<b>3005512</b>	<b>2752293</b>	<b>2746302</b>
16101	Sawmilling & planing of wood						
16102	Wooden railway sleepers	5	1344718	1327778	1297778	1290778	1290278
16212	Playwood/ veneer panel/laminated sheets	5	633885	535131	535131	535131	534014
16213	Particle board/densified wood etc.	14	1320831	1266455	1147477	901259	897332
16221	Wooden goods of construction industry	2	9797	429	9369	9369	9000
16231	Packing boxes, crates, drums of wood						
16291	Wooden products	3	19946	15757		15757	
<b>17</b>	<b>PAPER AND PAPER PRODUCTS</b>	<b>202</b>	<b>38156856</b>	<b>34732893</b>	<b>33342147</b>	<b>33150341</b>	<b>33147339</b>
17013	Paper & paperboard	50	11831699	11441753	10600137	10599816	10599575
17019	Others n.e.c.	2	77682	57619	57619	57619	57384
17021	Corrugated paper/ paperboard containers	131	20563452	18371694	18060989	18059374	18057009
17022	Sacks, bags & similar articles of paper	2	571529	558588	558588	558588	558588
17091	Personal hygiene paper product	14	3435547	2999684	2772851	2640062	2639934
17099	Others n.e.c.	3	1676948	1303555	1291962	1234883	1234848
<b>18</b>	<b>PRINTING/REPRODUCTION OF RECORDED MEDIA</b>	<b>121</b>	<b>18845335</b>	<b>16376532</b>	<b>13616723</b>	<b>13420174</b>	<b>13397044</b>
18111	Printing of newspapers/ magazines	76	7987871	6207287	6207287	6207287	6207287
18112	Printing of books, brochures, maps etc	19	891538	769855	689057	689057	687472
18113	Printing of postage stamps, chequesetc	2	5933099	5807125	4200445	4200445	4197576

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
18114	Printing of diaries & calendars etc	4	220954	198237	198237	198237	195726
18115	Printing on textile, glass, metal, wood						
18123	Plate/image-making setting services	20	3811872	3394028		2125148	
<b>19</b>	<b>COKE AND REFINED PETROLEUM PRODUCTS</b>	<b>30</b>	<b>330972023</b>	<b>336316961</b>	<b>157836806</b>	<b>155317906</b>	<b>86772288</b>
19201	Production of motor fuel/ kerosene etc.	4	312150503	318793368	141319068	138803695	70338496
19203	Oil-based lubricating oils or greases	26	18821520	17523593	16517739	16514210	16433792
<b>20</b>	<b>CHEMICALS AND CHEMICAL PRODUCTS</b>	<b>265</b>	<b>180017467</b>	<b>133587473</b>	<b>108318466</b>	<b>122495044</b>	<b>122396819</b>
20111	Inorganic industrial/ medical gases	62	14866312	11164345	11103419	11103419	11096743
20112	Dyes & pigments in basic form	10	6965417	5530983	5034056	5021496	5019965
20113	Manufacture of inorganic acids & bases	3	1089090	884711	563548	563548	563548
20115	Basic organic chemicals	9	5155954	4829843	4829843	4829843	4829843
20119	Others n.e.c.	9	9238594	6860806	4224884	4200636	4200581
20121	Fertilizers	7	48767039	37318056	27473486	41942632	41942632
20131	Plastics in primary forms	10	13288212	10957012	6108881	5929461	5922377
20211	Insecticides/ fungicides/ herbicides	11	5647603	4828955	4717989	4717989	4702696
20219	Other agrochemical products n.e.c.	2	44351	37205	37205	37205	37035
20221	Paints & varnishes etc						
20227	Printing ink	32	13496566	13034327		12876110	
20232	Soap	38	33553981	21052698	19866228	19864240	19862344
20234	Detergent, dish-washing preparation etc	2	19283996	11770543	6491360	6491360	6491330
20236	Perfumes & toilet preparations	30	6170308	3552619	3447095	3440426	3395055
20292	Gelatine/ glues & prepared adhesives	21	470580	306592	241270	238852	238591
20294	Photographic plates, films etc	3	505003	394185	297507	280490	277023
20299	Others n.e.c.						
20303	Synthetic or artificial filament yarn	16	1474461	1064592		957337	
<b>21</b>	<b>BASIC PHARMACEUTICAL PRODUCTS</b>	<b>211</b>	<b>156476332</b>	<b>110258572</b>	<b>108968543</b>	<b>108983038</b>	<b>108369168</b>
21001	Medicinal active substances	195	153612183	108001189	107026665	107049946	106439059
21003	Medicaments/ homeopathic preparations	12	1123270	1024144	1013895	1013895	1013283
21009	Other such activities n.e.c.	4	1740879	1233238	927983	919196	916826
<b>22</b>	<b>RUBBER AND PLASTICS PRODUCTS</b>	<b>215</b>	<b>32276858</b>	<b>29606359</b>	<b>26288588</b>	<b>26172973</b>	<b>26161364</b>
22111	Rubber tyres	5	4513573	3911265	3911265	3911265	3911265
22191	Other products of rubber	17	3086850	2863359	2585325	2585325	2583326
22201	Plastic products for packing of goods	172	23718343	21982104	18950371	18834755	18825900
22203	Plastic tableware, kitchenware etc	12	695602	642874	638206	638206	637793
22209	Other diverse plastic products	9	262491	206757	203421	203421	203080
<b>23</b>	<b>OTHER NON-METALLIC MINERAL PRODUCTS</b>	<b>548</b>	<b>54492837</b>	<b>49618700</b>	<b>37396922</b>	<b>36149990</b>	<b>36103688</b>
23101	Flat glass/ glass paving blocks	24	4822650	3983568	3983568	3983568	3978788
23102	Glass mirror/ bottle/ drinking glass	4	19133	18928	18928	18928	18928

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
23103	Pharmaceutical glassware etc.	5	438900	365862	289479	266453	265504
23921	Ceramic tiles, mosaic cubes etc.	2	2868320	2346650	1408157	1408157	1408157
23922	Non-refractory clay building materials						
23923	Ceramic sanitary fixtures	351	6528014	6356491	5240193	5289589	5262619
23931	Ceramic tableware & domestic articles	9	223482	192541	190598	190598	190598
23941	Clinkers & hydraulic cement	5	34050113	31215404	21206054	19875074	19875074
23951	Precast concrete, cement or stone	48	3791961	3512195	3447479	3503864	3491049
23961	Cutting, shaping & finishing of stone	100	1750264	1627063	1612466	1613759	1612971
<b>24</b>	<b>BASIC METALS</b>	<b>126</b>	<b>75764546</b>	<b>69810955</b>	<b>53381662</b>	<b>51791999</b>	<b>51715787</b>
24103	Pure iron, granular iron & iron powder						
24104	Remelting of scrap ingot of iron/ steel	2	4290468	3701246	3524460	3524460	3522789
24106	Hot/cold-rolled products of steel	81	48029391	45718917	36411991	35529729	35525285
24108	Welded tubes & pipes of steel	22	20955136	18192668	11908986	11202944	11136814
24109	Others n.e.c.	4	349660	346050	343960	343960	343960
24202	Aluminium & alloys						
24206	Chrome, manganese, nickel & alloys etc	13	1158257	1106584	734692	733333	729467
24311	Casting of iron						
24312	Casting of steel	4	981634	745490	457573	457573	457472
<b>25</b>	<b>FABRICATED METAL PRODUCTS</b>	<b>53</b>	<b>7699426</b>	<b>6140873</b>	<b>5520704</b>	<b>5518967</b>	<b>5506720</b>
25111	Metal framework/ skeleton etc						
25112	Metal door, window, shutter, gates etc	8	185254	180117	179292	179292	172037
25119	Others n.e.c.	3	137574	132900	132055	132055	131991
25122	Metal containers for gas	2	69020	59806	59806	59806	59806
25132	Parts for marine or power boilers/ nuclear reactors etc	2	247588	197630	146662	144925	143509
25932	Knives, h& tools, saw blades etc						
25934	Other tools of such nature n.e.c.	7	5037857	3730467	3205565	3205565	3205449
25991	Cans, drums, buckets, boxes, tins etc	8	460795	432866	406203	406203	404344
25997	Various metal articles	5	1101732	1030212	1014246	1014246	1014226
25999	Others n.e.c.	18	459606	376875	376875	376875	375357
<b>26</b>	<b>COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS</b>	<b>6</b>	<b>366815</b>	<b>278620</b>	<b>278544</b>	<b>278544</b>	<b>278544</b>
26409	Others n.e.c.	2	4809	3732	3732	3732	3732
26516	Scales, balances & laboratory apparatus	2	226030	168805	168729	168729	168729
26602	Electro medical/ electrotherapeutic equipment						
26801	Audio & video tapes/ cassettes	2	135976	106083	106083	106083	106083
<b>27</b>	<b>ELECTRICAL EQUIPMENT</b>	<b>87</b>	<b>61567697</b>	<b>49378704</b>	<b>28883717</b>	<b>28604815</b>	<b>28555499</b>
27101	Electric transformers	3					
27102	Electric motors/ power generators etc	3	761401	761335	761335	761335	761335
27103	Electric power distribution panel etc.						
27104	Switchboard apparatus, fuses, switches	6	6274070	3906741	2169952	2178182	2178048

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
27109	Others n.e.c.	11	234313	225703	223614	223614	223590
27203	Lead acid/ lithium/ dry/ wet batteries	8	33295202	27370821	13305137	13290217	13289923
27320	Insulated wire & cable	24	11509047	9058281	4722689	4670315	4670211
27401	Lamps, bulbs, ch&eliers,lanterns etc.	3	515976	439979	218190	135293	
27501	Domestic electric appliances						
27503	Domestic non-electric cooking equipment	23	8825577	7514697		7261919	
27909	Others n.e.c.	6	152110	101147	85477	83939	74612
<b>28</b>	<b>MACHINERY AND EQUIPMENT N.E.C.</b>	<b>97</b>	<b>8741949</b>	<b>7953079</b>	<b>7648415</b>	<b>7646414</b>	<b>7642752</b>
28132	Pumps for liquids	12	4818692	4702476	4694384	4694384	4694384
28133	Pumps for engines/ motor vehicle pumps						
28134	Industrial taps/ valves & h& pump etc	2	290734	241313		241313	
28191	Industrial freezing equipment etc	2	35294	33131	25827	25827	25535
28193	Filtering or purifying machinery						
28198	Parts for general-purpose machinery	59	1060242	797959		791134	
28199	Others n.e.c.	3	57909	51040	50820	50820	50637
28211	Tractors	2	518707	363929	363929	363929	363929
28214	Soil preparation, planting machinery	2	239900	239842	239842	239842	239842
28219	Diverse agricultural machinery	3	59372	58797	58797	58797	58797
28222	Tools for grinding, drilling, boring	3	180601	168251	167451	167451	167351
28259	Food processing machinery						
28261	Textile machinery	9	1480498	1296340	1014919	1012918	1012233
<b>29</b>	<b>MOTOR VEHICLES, TRAILERS AND SEMI</b>	<b>227</b>	<b>132405145</b>	<b>121484559</b>	<b>77294612</b>	<b>65727682</b>	<b>65654221</b>
29101	Passenger cars, commercial busses etc	12	95827262	88108702	49222447	38468944	38440702
29202	Trailers & semi-trailers	7	83107	78976	77656	77656	76246
29301	Parts & accessories for motor vehicles	208	36494776	33296881	27994509	27181083	27137273
<b>30</b>	<b>OTHER TRANSPORT EQUIPMENT</b>	<b>21</b>	<b>15561519</b>	<b>12169351</b>	<b>7124438</b>	<b>6754555</b>	<b>6754021</b>
30911	Motorcycles, engines for motorcycles	13	15423277	12044182	7003491	6637913	6637577
30912	Parts & accessories for motorcycles	8	138242	125169	120947	116642	116444
<b>31</b>	<b>FURNITURE</b>	<b>31</b>	<b>1394624</b>	<b>1335715</b>	<b>1264409</b>	<b>1217831</b>	<b>1209238</b>
31001	Furniture & fixtures	27	1361286	1303777	1232771	1186193	1177980
31004	Furniture for kitchen bedrooms etc.	4	33338	31938	31638	31638	31258
<b>32</b>	<b>OTHER MANUFACTURING</b>	<b>58</b>	<b>3374305</b>	<b>3325248</b>	<b>3308771</b>	<b>3308771</b>	<b>3305127</b>
32113	Jewellery, goldsmiths' articles.						
32121	Costume or imitation jewellery.	35	461839	457879	441402	441402	440949
32509	Others n.e.c.	9	469024	448161	448161	448161	445469
32902	Brooms & brushes.	2	124623	119889	119889	119889	119889
32903	Pens, pencils & stamps etc.	5	2130480	2130480	2130480	2130480	2130480
32909	Others n.e.c.	7	188338	168839	168839	168839	168340

## Annexure – E Item wise Production Weights for Sindh

Industrial Sector/ Items	PISC	Unit of Quantity	Sindh Weight based on CMI 2015-16
<b>10-FOOD PRODUCTS</b>			<b>12.3</b>
Vegetable Ghee	10401	M.Tons	2.1
Cooking Oil	10401	M.Tons	2.1
Liquid Milk	10501	"000" Liters.	1.1
Wheat & Grain Milling	10611	M.Tons	0.6
Rice Milling	10612	M.Tons	1.9
Biscuits& Rusk	10713	M.Tons	1.3
Sugar	10721	M.Tons	1.3
Chocolate & sugar confectionery	10732	M.Tons	0.6
Tea	10792	M.Tons	1.1
Animal/ Polutry Feeds	10802	M.Tons	0.3
<b>11-BEVERAGES</b>			<b>0.5</b>
Mineral/ Bottled Waters	11042	"000" NOs.	0.1
Soft Drinks	11043	"000" NOs.	0.4
<b>13-TEXTILES</b>			<b>17.6</b>
Kintting Wool (Cotton Yarn)	13112	M.Tons	7.4
Woolen Worsted Cloth (Cotton Fabric)	13121	"000" Sq. M	8.0
Terry Towel and Bath Robes (MM Yarn)	13129	M.Tons	1.2
Woollen Blankets	13921	000'Nos.	1.0
<b>14-WEARING APPAREL</b>			<b>10.0</b>
Garments	14102	Dozen	9.3
Hosiery, socks, tights etc.	14302	Dozen	0.7
<b>15-LEATHER &amp; RELATED PRODUCTS</b>			<b>0.4</b>
Finished Leather/ Upper Leather	15111	"000" Sq. M.	0.4
<b>16-WOOD &amp; WOOD WORKS</b>			<b>0.1</b>
Plywood	16212	"000" Sq. ft.	0.1
<b>17-PAPER &amp; PAPER PRODUCTS</b>			<b>2.2</b>
Paper/ Paper Board (Writing Paper)	17013	M.Tons	0.8
Corrugated paper/ paperboard containers (Packaging)	17021	M.Tons	1.4
<b>18-PRINTING &amp; RECORDED MEDIA</b>			<b>0.9</b>
Printing of Newspapers/ magazines	18111	M.Tons	0.5
Printing of books, brochures, maps etc. (Advertizing Material)	18112	M.Tons	0.1
Prining of postage stamps, cheques etc. (Printing Papers)	18113	M.Tons	0.3
<b>19-COKE &amp; REFINED PETROLEUM PRODUCTS</b>			<b>12.4</b>
Motor Sprit	19201	"000" Liters.	5.6
Kerosene oil	19201	"000" Liters.	5.6
L.P.G	19203	"000" Liters.	0.1
NapthaSolvant	19203	"000" Liters.	0.1
H.S.D	19203	"000" Liters.	0.1
Furnace Oil	19203	"000" Liters.	0.1
ASPHALT 80-100	19203	"000" Liters.	0.1
ASPHALT 60-70	19203	"000" Liters.	0.1

Industrial Sector/ Items	PISC	Unit of Quantity	Sindh Weight based on CMI 2015-16
Jet Fuel	19203	"000" Liters.	0.1
Lubricating Oil	19203	"000" Liters.	0.1
Others Petroleum Products	19203	"000" Liters.	0.1
<b>20-CHEMICALS &amp; CHEMICALS PRODUCTS</b>			<b>5.8</b>
Surphuric/ Hydrochloric Acid/ Alum Sulphate	20115	M.Tons	0.4
Urea	20121	M.Tons	1.1
Amonia	20121	M.Tons	1.1
DAP	20121	M.Tons	1.1
Washing Soap	20232	M.Tons	0.8
Toilet Soap	20232	M.Tons	0.8
Detergent Powder	20234	M.Tons	0.5
<b>21-PHARMACEUTICAL PRODUCTS</b>			<b>8.5</b>
Tablets	21001	"000" NOs.	1.7
Liquied/ Syrups	21001	"000" Liters.	1.7
Injections	21001	"000" NOs.	1.7
Capsules	21001	"000" NOs.	1.7
Ointments	21001	KGs.	1.7
<b>22-RUBBER &amp; PLASTIC PRODUCTS</b>			<b>1.8</b>
Motor Tyres	22111	Nos.	0.3
Plastic Products	22201	M.Tons	1.5
<b>23-OTHER NON-METALIC MINERAL PRODUCTS</b>			<b>1.7</b>
Cement	23941	M.Tons	1.6
Marble	23961	M.Tons	0.1
<b>24-BASIC IRON &amp; STEEL METALS</b>			<b>3.1</b>
Steel Products	24104	M.Tons	0.3
M S Products	24106	M.Tons	2.8
<b>25-FABRICATED METALS PRODUCTS</b>			<b>0.4</b>
Safety Razor Blades	25931	"000" Nos.	0.4
<b>27-ELECTRICAL EQUIPMENT</b>			<b>0.4</b>
Insulated Wire & Cables	27320	M.Tons	0.4
<b>29-MOTOR VEHICLES &amp; PARTS</b>			<b>5.8</b>
Trucks	29101	Nos.	0.4
Buses	29101	Nos.	0.4
LCV'S	29101	Nos.	0.4
Tractors	29101	Nos.	0.4
Cars	29101	Nos.	0.4
Vans & Jeep	29101	Nos.	0.4
Three Wheelers	29101	Nos.	0.4
Autoparts	29301	000'Nos.	2.2
Motor Cycles	30911	Nos.	0.5
<b>31-FURNITURE</b>			<b>0.1</b>
Sofa, Iron Chairs	31001	Nos.	0.1
<b>Total</b>			<b>84.0</b>

## Annexure – F Monthly Item wise Time Series of Production

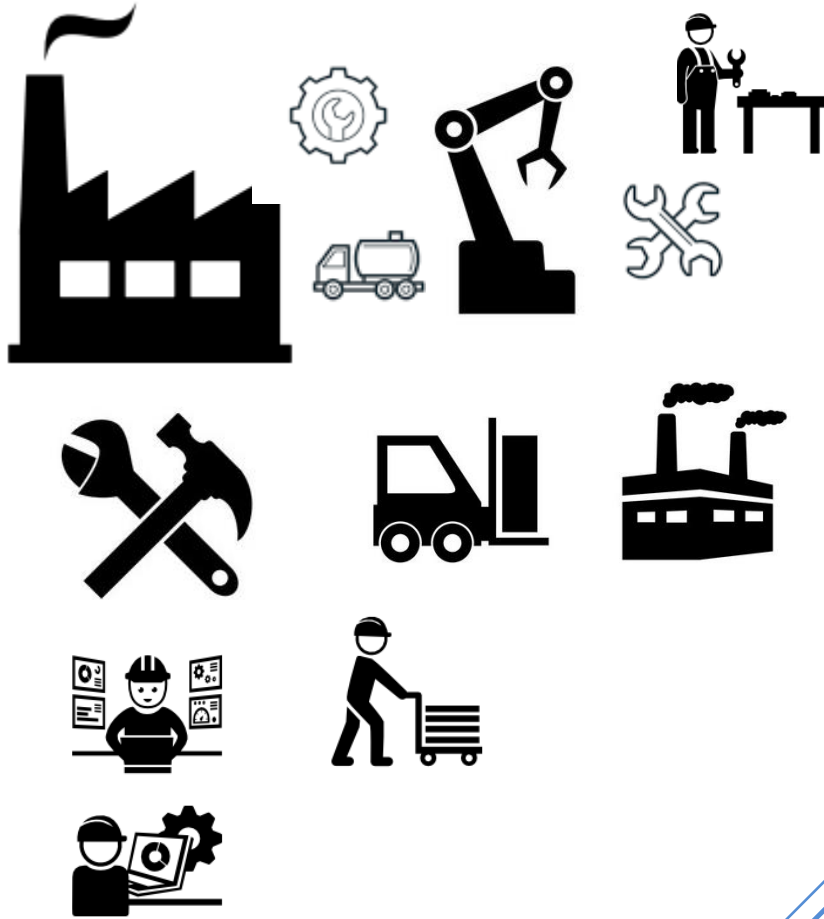
Sectors/ Items	Unit	Monthly Production					
		June-23	July-23	Aug-23	Sep-23	Oct-23	Nov-23
<b>FOOD PRODUCTS</b>							
Vegetable Ghee	M.Tons	40,122	43,657	44,512	34,560	32,661	33,691
Cooking Oil	M.Tons	31,330	36,044	35,947	30,517	36,724	36,915
Liquid Milk	"000"Liters.	7,145	8,217	6,984	5,810	5,920	5,624
Wheat & Grain Milling	M.Tons	22,015	19,163	21,127	26,362	27,703	27,498
Rice Milling	M.Tons	13,845	1,196	1,017	1,508	2,650	12,609
Biscuits & Rusk	M.Tons	8,695	8,633	8,762	16,438	15,856	14,644
Sugar	M.Tons	3,028	-	-	-	300	107,049
Chocolate & sugar confectionery	M.Tons	366	456	351	367	419	317
Tea	M.Tons	4,464	4,109	3,467	4,210	4,105	4,917
Animal/ Poultry Feeds	M.Tons	139	128	135	128	1,036	1,191
<b>BEVERAGES</b>							
Mineral/ Bottled Waters	"000"NOs.	76,918	76,758	76,934	60,864	51,443	59,159
Soft Drinks	"000"NOs.	94,437	108,603	80,313	49,258	41,769	48,099
<b>TEXTILES</b>							
Knitting Wool (Cotton Yarn)	M.Tons	32,724	37,633	31,900	36,716	42,123	35,705
Woolen Worsted Cloth (Cotton Fabric)	"000" Sq.M	86,211	73,279	82,271	79,170	70,295	80,439
Terry Towel and Bath Robes (MM Yarn)	M.Tons	14,826	12,602	12,425	13,618	11,757	9,998
Woolen Blankets	000'Nos.	1,321	1,123	955	704	810	689
<b>WEARING APPAREL</b>							
Garments	Dozen	638,733	542,923	461,425	608,145	516,912	439,775
Hosiery, socks, tights etc.	Dozen	67,149	77,221	86,804	62,158	52,941	45,247
<b>LEATHER &amp; RELATED PRODUCTS</b>							
Finished Leather/ Upper Leather	"000" Sq.M.	422	485	462	526	536	512
<b>WOOD &amp; WOOD WORKS</b>							
Plywood	"000"Sq. ft.	8	4	3	4	3	8
<b>PAPER &amp; PAPER PRODUCTS</b>							
Paper/ Paper Board (Writing Paper)	M.Tons	480	500	470	446	474	450

Sectors/ Items	Unit	Monthly Production					
		June-23	July-23	Aug-23	Sep-23	Oct-23	Nov-23
Corrugated paper/ paperboard containers (Packaging)	M.Tons	3,261	3,750	3,563	3,712	3,781	4,080
<b>PRINTING &amp; RECORDED MEDIA</b>							
Printing of Newspapers/ magazines	M.Tons	512	589	560	524	488	464
Printing of books, brochures, maps etc. (Advertising Material)	M.Tons	445	512	481	489	492	460
Printing of postage stamps, cheques etc.(Printing Papers)	M.Tons	314	361	343	391	369	354
<b>COKE &amp; REFINED PETROLEUM PRODUCTS</b>							
Motor Sprit	"000"Liters.	24,327	14,671	22,533	27,290	26,050	29,243
Kerosene oil	"000"Liters.	709	-	356	-	422	242
L.P.G	"000"Liters.	1,402	846	1,637	1,114	1,055	1,552
Naphtha Solvent	"000"Liters.	5,247	1,930	2,362	1,235	8,569	6,264
H.S.D	"000"Liters.	87,839	81,969	108,415	130,998	119,076	133,768
Furnace Oil	"000"Liters.	46,575	27,307	57,530	59,312	53,540	55,691
ASPHALT 80-100	"000"Liters.	2,601	-	-	3,474	2,451	3,055
ASPHALT 60-70	"000"Liters.	7,764	13,074	11,139	3,533	2,751	6,287
Jet Fuel	"000"Liters.	7,179	10,364	15,480	10,391	11,647	9,662
Lubricating Oil	"000"Liters.	11,692	12,425	12,298	10,391	11,647	9,662
Others Petroleum Products	"000"Liters.	18,602	17,015	30,510	27,306	15,580	37,710
<b>CHEMICAL &amp; CHEMICAL PRODUCTS</b>							
Sulphuric/ Hydrochloric Acid/ Alum Sulphate	M.Tons	3,119	6,190	6,210	5,335	5,503	6,428
Urea	M.Tons	363,374	249,800	335,072	214,496	236,739	232,023
Ammonia	M.Tons	59,138	74,282	50,929	66,870	72,149	70,897
DAP	M.Tons	37,781	34,159	25,738	26,624	33,723	-
Washing Soap	M.Tons	14,736	6,724	7,659	6,015	5,464	5,889
Toilet Soap	M.Tons	4,156	3,322	3,820	4,918	4,840	4,370
Detergent Powder	M.Tons	31,324	36,023	30,620	23,758	25,254	23,460
<b>PHARMACEUTICAL PRODUCTS</b>							
Tablets	"000" NOs.	2,384,024	2,312,503	2,381,800	2,451,012	2,377,128	2,305,914
Liquid/ Syrups	"000" Liters.	43,384	44,686	43,300	41,930	40,872	39,846

Sectors/ Items	Unit	Monthly Production					
		June-23	July-23	Aug-23	Sep-23	Oct-23	Nov-23
Injections	"000" NOs.	65,169	67,124	65,258	71,852	74,012	71,692
Capsules	"000" NOs.	179,329	184,709	190,212	201,162	196,127	190,743
Ointments	KGs.	268,739	276,801	214,415	199,850	193,955	199,474
<b>RUBBER &amp; PLASTIC PRODUCTS</b>							
Motor Tires	Nos.	131,858	151,637	108,186	179,698	190,498	178,647
Plastic Products	M.Tons	4,946	5,688	4,887	3,778	6,994	6,674
<b>OTHER NON METALIC MINERAL PRODUCTS</b>							
Cement	M.Tons	607,997	682,696	720,894	812,640	560,036	802,289
Marble	M.Tons	391	332	349	505	474	451
<b>BASIC IRON &amp; STEEL METALS</b>							
Steel Products	M.Tons	7,853	14,288	12,954	10,880	17,228	19,812
M S Products	M.Tons	13,255	15,243	13,216	14,085	13,360	15,164
<b>FABRICATED METAL PRODUCT</b>							
Safety Razor Blades	"000" Nos.	40,233	48,876	46,784	58,719	50,697	45,674
<b>ELECTRICAL EQUIPMENTS</b>							
Insulated Wire & Cables	M.Tons	4,165	4,790	4,371	4,683	4,701	4,469
<b>MOTOR VEHICLES &amp; PARTS</b>							
Trucks	Nos.	100	168	193	157	206	206
Buses	Nos.	136	195	166	43	44	44
LCV'S	Nos.	359	218	251	87	204	38
Tractors	Nos.	2,945	2,945	2,503	5,397	5,512	3,839
Cars	Nos.	3,740	5,093	4,329	6,264	3,868	4,271
Vans & Jeep	Nos.	1,049	1,343	1,544	1,442	672	1,062
Three Wheelers	Nos.	605	1,056	1,215	1,746	1,803	1,162
Auto parts	000'Nos.	8,324	8,249	9,486	8,107	8,512	9,789
Motor Cycles	Nos.	76,852	100,536	95,509	105,023	105,275	85,413
<b>FURNITURE</b>							
Sofa, Iron Chairs	Nos.	264	304	319	358	382	370

## Annexure – G Monthly Item wise Time Series of Total Employment

Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employment					
		June-23	July-23	Aug-23	Sep-23	Oct-23	Nov-23
<b>FOOD PRODUCTS</b>	<b>209</b>	22,826	23,056	22,580	22,291	22,908	23,184
<b>BEVERAGES</b>	<b>7</b>	3,541	4,694	6,630	5,156	5,156	5,156
<b>TEXTILES</b>	<b>128</b>	94,591	94,101	91,531	91,683	91,813	91,415
<b>WEARING APPAREL</b>	<b>56</b>	26,779	26,768	27,389	27,389	27,389	27,389
<b>LEATHER &amp; RELATED PRODUCTS</b>	<b>15</b>	4,307	4,311	4,122	4,150	4,127	4,100
<b>WOOD &amp; WOOD WORKS</b>	<b>2</b>	374	300	380	380	380	383
<b>PAPER &amp; PAPER PRODUCTS</b>	<b>13</b>	2,002	2,090	2,048	2,080	2,103	2,100
<b>PRINTING &amp; RECORDED MEDIA</b>	<b>17</b>	4,046	3,972	4,001	4,001	3,944	3,944
<b>COKE &amp; REFINED PETROLEUM PRODUCTS</b>	<b>9</b>	1,269	1,266	1,221	1,227	1,203	1,212
<b>CHEMICALS &amp; CHEMICALS PRODUCTS</b>	<b>14</b>	7,338	6,880	6,888	6,861	6,899	6,939
<b>PHARMACEUTICAL PRODUCTS</b>	<b>41</b>	15,229	15,056	14,542	14,553	14,587	14,639
<b>RUBBER &amp; PLASTIC PRODUCTS</b>	<b>23</b>	4,797	4,423	4,439	5,909	5,927	5,927
<b>OTHER NON-METALIC MINERAL PRODUCTS</b>	<b>19</b>	2,972	2,975	2,964	2,971	2,957	2,952
<b>BASIC IRON &amp; STEEL METALS</b>	<b>13</b>	1,064	1,053	1,029	1,064	1,103	1,097
<b>FABRICATED METALS PRODUCTS</b>	<b>1</b>	548	536	516	516	510	510
<b>ELECTRICAL EQUIPMENT</b>	<b>8</b>	6,865	7,046	7,028	7,006	7,035	7,035
<b>MOTOR VEHICLES &amp; PARTS</b>	<b>60</b>	10,071	10,230	9,373	9,284	9,284	9,497
<b>FURNITURE</b>	<b>6</b>	57	57	57	57	57	57



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