

# MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH



**January, 2022**

**Industries Section, BOS**



**BUREAU OF STATISTICS  
PLANNING & DEVELOPMENT DEPARTMENT  
GOVERNMENT OF SINDH**



**Sindh Monthly  
Survey of  
Industrial  
Production &  
Employment  
(MIPE)**

**January, 2022**

**Bureau of Statistics  
Planning & Development Department  
Government of Sindh**

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## **Preface**

Monthly Survey of Industrial Production and Employment (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 61 items manufactured in 22 selected large scale industrial sectors covering 537 industrial establishments (selection on the basis of CMI 2005-06). These industries account for 70.43% 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 2005-06, 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**  
**Director General**  
**Bureau of Statistics**  
**Planning & Development Department**  
**Government of Sindh**

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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. In Pakistan, manufacturing sector contributes 12.79% to Gross Domestic Product (GDP) at 9.73 percent of GDP dominates the overall manufacturing sector and the sector employs 16.1 % of the country's labor force.

Industrial Statistics is very essential tool to track industrial growth and implementation of policies in right directions. This sector has great importance for economic development of country. As per the composition of Pakistan's economy in 2020-21, Agriculture Sector is 19.2%, Industries Sector is 19.1% and Services Sector is 61.7%.

Manufacturing sector consists of three sub-sectors: Large Scale Manufacturing (LSM), Small Scale Manufacturing (SSM) and Slaughtering. According to the Pakistan Bureau of Statistics, Industrial sector performance is more dependent on Large-Scale Manufacturing (LSM) as it holds 51% share in Industry whereas LSM is reflected by Quantum Index of Manufacturing (QIM) data. Quantum Index of Manufacturing (QIM) is a measure of LSM performance with 70.33 weight in overall LSM and derived from the Census of Manufacturing Industries (CMI) 2005-06.

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 61 items manufactured in 22 large scale Industrial sectors from 537 establishments/ factories in Sindh. The sample of 537 firms was drawn from the last Census of Manufacturing Industries (CMI), 2005-06 and these industries account for 70.43% of total value added in terms of production during 2005-06.

### **1.1. 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.

### **1.2. 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.

### **1.3. 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 that 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.



## 2. 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 (2005-06)

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

$\sum_{i=1}^n w_i$  = Total Weight of 22 large scale industrial sectors covering 537 establishments in the base period with respect to the total value added of all the industries covered in CMI in the base year 2005-06.

## Report Analysis

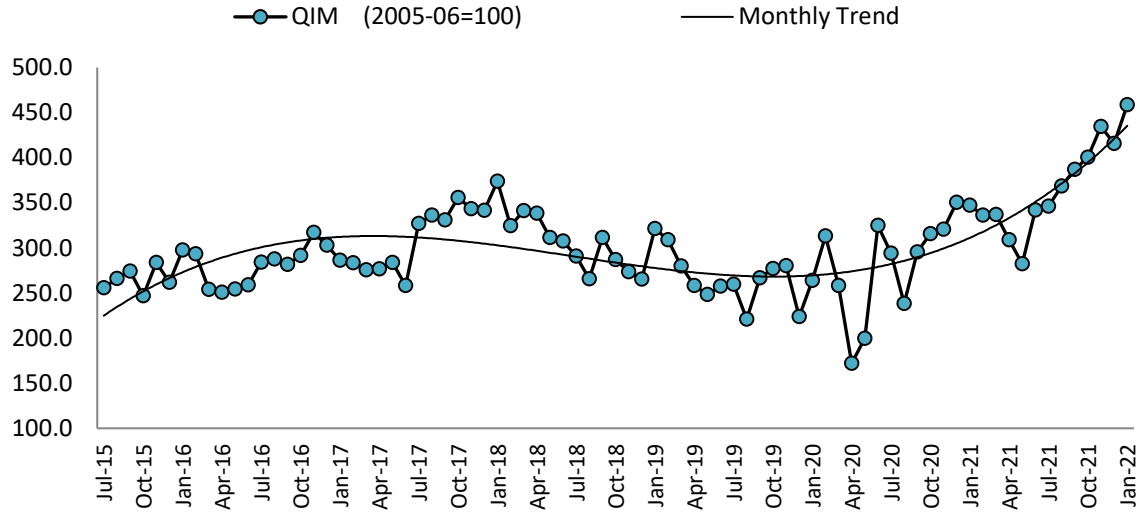
Summary findings on the basis of Index of Industrial Production are as follows:

- Overall Production in January, 2022 is increased by 10.32% as compared to last month of December, 2021.
- Production in manufacturing sector for the month of January, 2022 has a significantly upward jump of 35.36% as compared to corresponding month of last year. The plausible reason for this huge increase is the less production during second wave of COVID in 2021.
- Cumulative production from July to January (2021-22) is significantly increased by 33.08% than the cumulative production of July-January (2020-21) which also reflects the less production during subsequent waves of COVID-19 in the year of 2021.
- Large Scale Manufacturing employment during January, 2022 slightly increased 0.04% as compared to previous month.
- Employment during January, 2022 is 14.26% higher than January, 2021.
- Average monthly employment during the period of July-January (2021-22) is 16.23% higher as compared to the corresponding period of July-January (2020-21).

**Table 1: Series of Quantum Index of Manufacturing (QIM) at (2005-06=100)**

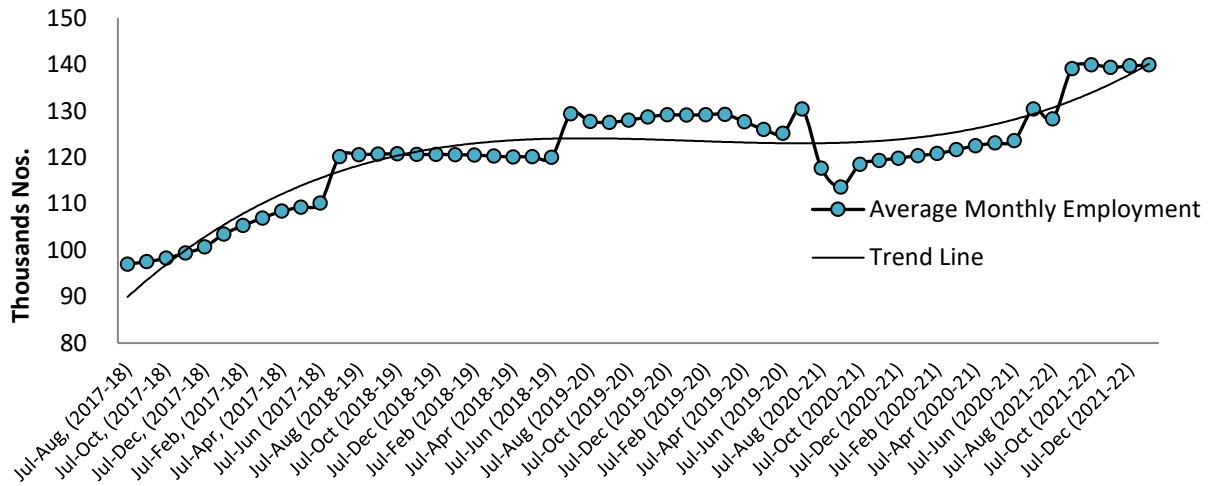
Month/ Year	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
July	284.0	327.0	290.8	259.7	294.2	346.3
August	287.7	336.4	265.5	220.9	238.5	368.7
September	281.5	330.9	311.3	266.7	295.4	387.1
October	291.4	355.7	287.0	277.0	315.6	400.5
November	317.1	343.2	273.3	280.3	320.5	434.6
December	302.8	341.5	265.2	223.7	350.6	415.7*
January	286.1	374.0	321.3	263.8	347.2	458.6
February	283.3	324.5	309.0	313.2	336.1	
March	275.6	341.4	279.7	258.2	337.1	
April	276.8	338.5	258.2	172.1	308.9	
May	283.9	311.3	248.2	199.8	282.5	
June	258.1	307.4	257.6	324.9	341.9	
Average (Geometric Mean)	285.4	335.5	279.7	251.3	312.4	

\*revised



**Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06**

QIM index in of current financial year 2020-21 is showing an upward trend. Similarly, in month to month (MoM) change, last month’s growth reported significantly high around 10.32% which major cause is the increase in production of seasonal items such as Sugar, Cotton ginning along with seasonal items the production of liquid/ syrup (pharmaceutical product) and Three Wheelers (Automobile product) also increased as compared to last month.



**Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries**

Overall employment trend in last financial year 2020-21 is looking upward. In current month the employment is almost stagnant as compared to last month. Major sectors in which the employment is declined in the month of January, 2022 are Tea, Leather, Tyres & Tubes and Sewing Machine while the major chunk of employment was increased in current month in the sectors Paint & Varnish, Steel and Storage Batteries. .

**Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, January-2022 Vs December-2021**

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in Jan:2022 with Dec: 2021
					Jan:2022	Dec:2021	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	20,169	19,209	105.0
ii.	COOKING OIL		0.50	M.Tons	31,259	34,601	90.3
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	421,723	339,024	124.4
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	4,289	4,397	97.5
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	38,555	42,866	89.9
ii.	WATER		0.85	"000" NOs.	18,410	19,741	93.3
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	34,636	32,987	105.0
ii.	COTTON FABRICS		4.13	"000" Sq. M	42,293	40,279	105.0
iii.	M.M.YARN		0.42	M.Tons	6,078	5,789	105.0
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.07</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	645	605	106.6
<b>7.</b>	<b><u>COTTON GINNING &amp; PRESSING</u></b>	<b>85</b>	<b>3.30</b>				
i.	C.G.& PRESSING		3.30	Bales	1,832,702	1,674,243	109.5
<b>8.</b>	<b><u>PAPER &amp; PAPER BOARD</u></b>	<b>6</b>	<b>0.01</b>				
i.	PRINTING PAPER		0.01	M.Tons	563	441	127.7
ii.	WRITTEN PAPER		0.01	M.Tons	427	407	104.9
iii.	PACKING & OTHER PAPER		0.01	M.Tons	3,476	3,310	105.0
iv.	ADVERTISING MATERIAL		0.01	M.Tons	431	243	177.4
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	1,232,628	1,222,127	100.9
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	18,248	12,617	144.6
iii.	CAPSULES		1.36	"000" NOs.	124,425	184,924	67.3
iv.	INJECTIONS		1.22	"000" NOs.	47,771	60,371	79.1
v.	OINTMENT		0.15	KGs.	257,766	207,396	124.3
<b>10.</b>	<b><u>ACID, ALKALIES &amp; SALT</u></b>	<b>3</b>	<b>0.04</b>				
i.	SULPHURIC ACID		0.04	M.Tons	2,050	3,302	62.1
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	346,964	330,638	104.9
ii.	AMONIA		3.50	M.Tons	79,753	75,955	105.0
iii.	DAP		3.50	M.Tons	55,068	52,689	104.5
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	239	238	100.4
ii.	VARNISH		0.32	"000" Liters.	35	30	116.7
<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	20,283	17,412	116.5
ii.	DETERGENT POWDER		1.66	M.Tons	17,521	14,782	118.5
iii.	TOILET SOAP		1.66	M.Tons	4,599	4,698	97.9
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	3,269	3,441	95.0
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	42,072	44,286	95.0
iii.	KEROSENE OIL		9.32	"000" Liters.	-	-	
iv.	H.S.D		9.32	"000" Liters.	69,689	73,357	95.0
v.	FURNACE OIL		9.32	"000" Liters.	32,639	34,357	95.0
vi.	ASPHALT 80-100		9.32	"000" Liters.	8,821	9,285	95.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	8,821	9,285	95.0
viii.	MOTOR SPRIT		9.32	"000" Liters.	10,220	10,758	95.0
ix.	JET FUEL		9.32	"000" Liters.	16,114	16,962	95.0
x.	LUBRICATING OIL		9.32	"000" Liters.	24,074	25,341	95.0
xi.	OTHERS		0.00	"000" Liters.	44,008	46,324	95.0
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	216,013	182,214	118.5
ii.	MOTOR TUBE		0.41	Nos.	26,923	6,651	404.8

<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>					
i.	CEMENT		3.86	M.Tons	738,111	677,269		109.0
<b>17.</b>	<b><u>M.S.PRODUCTS</u></b>	<b>28</b>	<b>4.88</b>					
i.	M.S PRODUCTS		4.88	M.Tons	18,764	15,966		117.5
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>					
i.	STEEL PRODUCTS		1.02	M.Tons	4,577	2,577		177.6
<b>19.</b>	<b><u>SAFETY RAZOR BLADE</u></b>	<b>1</b>	<b>0.40</b>					
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	36,156	53,874		67.1
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>					
i.	SEWING MACHINES		0.25	Nos.	800	1,200		66.7
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>					
i.	REFRIGERATORS		0.11	Nos.	39,113	31,888		122.7
ii.	AIR-CONDITIONERS		0.60	Nos.	10,359	11,664		88.8
iii.	DEEP FREEZERS		0.50	Nos.	3,609	307		1175.6
iv.	WASHING MACHINES		0.50	Nos.	36,198	38,103		95.0
v.	MICROWAVE OVEN		0.50	Nos.	41,235	43,405		95.0
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>					
i.	TRUCKS		2.71	Nos.	627	432		145.1
ii.	BUSES		0.77	Nos.	83	52		159.6
iii.	LCV'S		2.50	Nos.	1,091	1,932		56.5
iv.	MOTOR CYCLES		2.06	Nos.	144,270	140,283		102.8
v.	TRACTORS		0.25	Nos.	5,640	4,911		114.8
vi.	CARS		0.50	Nos.	18,356	22,168		82.8
vii.	VANS & JEEPS		1.18	Nos.	2,454	1,489		164.8
viii.	THREE WHEELERS		1.18	Nos.	8,171	3,392		240.9
	<b>Grand Total</b>	<b>537</b>	<b>70.43</b>					

**Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, January-2022 Vs January-2021**

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in Jan:2022 with Jan:2021
					Jan:2022	Jan:2021	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	20,169	36,766	54.9
ii.	COOKING OIL		0.50	M.Tons	31,259	16,812	185.9
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	421,723	400,294	105.4
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	4,289	3,437	124.8
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	38,555	80,069	48.2
ii.	WATER		0.85	"000" NOs.	18,410	14,554	126.5
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	34,636	20,567	168.4
ii.	COTTON FABRICS		4.13	"000" Sq. M	42,293	21,901	193.1
iii.	M.M.YARN		0.42	M.Tons	6,078	1,891	321.4
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.07</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	645	969	66.6
<b>7.</b>	<b><u>COTTON GINNING &amp; PRESSING</u></b>	<b>85</b>	<b>3.30</b>				
i.	C.G.& PRESSING		3.30	Bales	1,832,702	1,123,794	163.1
<b>8.</b>	<b><u>PAPER &amp; PAPER BOARD</u></b>	<b>6</b>	<b>0.01</b>				
i.	PRINTING PAPER		0.01	M.Tons	563	361	156.0
ii.	WRITTEN PAPER		0.01	M.Tons	427	102	418.6
iii.	PACKING & OTHER PAPER		0.01	M.Tons	3,476	1,785	194.7
iv.	ADVERTISING MATERIAL		0.01	M.Tons	431	27	1596.3
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	1,232,628	1,882,860	65.5
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	18,248	8,492	214.9
iii.	CAPSULES		1.36	"000" NOs.	124,425	371,148	33.5
iv.	INJECTIONS		1.22	"000" NOs.	47,771	124,509	38.4
v.	OINTMENT		0.15	KGs.	257,766	211,366	122.0
<b>10.</b>	<b><u>ACID, ALKALIES &amp; SALT</u></b>	<b>3</b>	<b>0.04</b>				
i.	SULPHURIC ACID		0.04	M.Tons	2,050	1,271	161.3
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	346,964	178,959	193.9
ii.	AMONIA		3.50	M.Tons	79,753	-	
iii.	DAP*		3.50	M.Tons	55,068	16,850	326.8
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	239	91	262.6
ii.	VARNISH		0.32	"000" Liters.	35	291	12.0
<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	20,283	6,348	319.5
ii.	DETERGENT POWDER		1.66	M.Tons	17,521	14,077	124.5
iii.	TOILET SOAP		1.66	M.Tons	4,599	1,334	344.8
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	3,269	2,582	126.6
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	42,072	16,077	261.7
iii.	KEROSENE OIL		9.32	"000" Liters.	-	68	0.0
iv.	H.S.D		9.32	"000" Liters.	69,689	118,608	58.8
v.	FURNACE OIL		9.32	"000" Liters.	32,639	49,234	66.3
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	1,779	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	8,821	8,517	103.6
viii.	MOTOR SPRIT		9.32	"000" Liters.	10,220	23,230	44.0
ix.	JET FUEL		9.32	"000" Liters.	16,114	13,756	117.1
x.	LUBRICATING OIL		9.32	"000" Liters.	24,074	15,466	155.7
xi.	OTHERS		0.00	"000" Liters.	44,008	34,097	129.1
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	216,013	250,873	86.1
ii.	MOTOR TUBE		0.41	Nos.	26,923	15,270	176.3
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	738,111	530,094	139.2

<b>17.</b>	<b><u>M.S.PRODUCTS</u></b>	<b>28</b>	<b>4.88</b>				
i.	M.S PRODUCTS		4.88	M.Tons	18,764	4,875	384.9
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	4,577	1,397	327.6
<b>19.</b>	<b><u>SAFETY RAZOR BLADE</u></b>	<b>1</b>	<b>0.40</b>				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	36,156	78,235	46.2
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	800	1,578	50.7
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	39,113	45,017	86.9
ii.	AIR-CONDITIONERS		0.60	Nos.	10,359	23,057	44.9
iii.	DEEP FREEZERS		0.50	Nos.	3,609	1,591	226.8
iv.	WASHING MACHINES		0.50	Nos.	36,198	35,176	102.9
v.	MICROWAVE OVEN		0.50	Nos.	41,235	45,135	91.4
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	627	181	346.4
ii.	BUSES		0.77	Nos.	83	51	162.7
iii.	LCV'S		2.50	Nos.	1,091	1,619	67.4
iv.	MOTOR CYCLES		2.06	Nos.	144,270	157,877	91.4
v.	TRACTORS		0.25	Nos.	5,640	3,611	156.2
vi.	CARS		0.50	Nos.	18,356	13,826	132.8
vii.	VANS & JEEPS		1.18	Nos.	2,454	1,282	191.4
viii.	THREE WHEELERS		1.18	Nos.	8,171	4,451	183.6
	<b>Grand Total</b>	<b>537</b>	<b>70.43</b>				

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in 2021-22 (Jul-Jan) with 2020-21 (Jul-Jan)
					2021-22 (Jul-Jan)	2020-21 (Jul-Jan)	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	174,378	244,505	71.3
ii.	COOKING OIL		0.50	M.Tons	176,223	105,940	166.3
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	869,493	798,145	108.9
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	34,813	29,944	116.3
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	442,889	646,864	68.5
ii.	WATER		0.85	"000" NOs.	150,247	118,111	127.2
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	176,907	136,720	129.4
ii.	COTTON FABRICS		4.13	"000" Sq. M	207,548	127,756	162.5
iii.	M.M.YARN		0.42	M.Tons	27,410	8,049	340.5
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.07</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	3,574	5,174	69.1
<b>7.</b>	<b><u>COTTON GINNING &amp; PRESSING</u></b>	<b>85</b>	<b>3.30</b>				
i.	C.G.& PRESSING		3.30	Bales	7,910,662	4,413,243	179.2
<b>8.</b>	<b><u>PAPER &amp; PAPER BOARD</u></b>	<b>6</b>	<b>0.01</b>				
i.	PRINTING PAPER		0.01	M.Tons	2,697	2,064	130.7
ii.	WRITTEN PAPER		0.01	M.Tons	2,759	1,553	177.7
iii.	PACKING & OTHER PAPER		0.01	M.Tons	16,026	11,722	136.7
iv.	ADVERTISING MATERIAL		0.01	M.Tons	946	172	550.0
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	9,418,303	13,840,537	68.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	92,068	53,000	173.7
iii.	CAPSULES		1.36	"000" NOs.	1,218,464	2,417,372	50.4
iv.	INJECTIONS		1.22	"000" NOs.	603,186	848,010	71.1
v.	OINTMENT		0.15	KGs.	1,479,530	1,427,636	103.6
<b>10.</b>	<b><u>ACID, ALKALIES &amp; SALT</u></b>	<b>3</b>	<b>0.04</b>				
i.	SULPHURIC ACID		0.04	M.Tons	19,691	15,119	130.2
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	2,309,439	1,600,599	144.3
ii.	AMONIA		3.50	M.Tons	497,258	270,307	184.0
iii.	DAP		3.50	M.Tons	615,455	462,916	133.0
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	1,673	526	318.0
ii.	VARNISH		0.32	"000" Liters.	106	1,769	6.0
<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	93,110	42,691	218.1
ii.	DETERGENT POWDER		1.66	M.Tons	98,720	100,722	98.0
iii.	TOILET SOAP		1.66	M.Tons	27,744	13,560	204.6
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	21,583	13,280	162.5
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	310,766	123,595	251.4
iii.	KEROSENE OIL		9.32	"000" Liters.	3,751	1,951	192.2
iv.	H.S.D		9.32	"000" Liters.	881,793	888,233	99.3
v.	FURNACE OIL		9.32	"000" Liters.	386,217	362,789	106.5
vi.	ASPHALT 80-100		9.32	"000" Liters.	32,044	3,139	1020.9
vii.	ASPHALT 60-70		9.32	"000" Liters.	85,672	33,019	259.5
viii.	MOTOR SPRIT		9.32	"000" Liters.	174,875	145,247	120.4
ix.	JET FUEL		9.32	"000" Liters.	136,246	83,060	164.0
x.	LUBRICATING OIL		9.32	"000" Liters.	142,216	93,180	152.6
xi.	OTHERS		0.00	"000" Liters.	316,899	165,486	191.5
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	1,634,414	1,581,483	103.3
ii.	MOTOR TUBE		0.41	Nos.	143,235	159,977	89.5



<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>					
i.	CEMENT		3.86	M.Tons	4,359,878	3,229,635		135.0
<b>17.</b>	<b><u>M.S.PRODUCTS</u></b>	<b>28</b>	<b>4.88</b>					
i.	M.S PRODUCTS		4.88	M.Tons	93,907	41,448		226.6
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>					
i.	STEEL PRODUCTS		1.02	M.Tons	21,491	11,501		186.9
<b>19.</b>	<b><u>SAFETY RAZOR BLADE</u></b>	<b>1</b>	<b>0.40</b>					
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	329,737	516,902		63.8
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>					
i.	SEWING MACHINES		0.25	Nos.	9,094	10,173		89.4
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>					
i.	REFRIGERATORS		0.11	Nos.	467,167	295,335		158.2
ii.	AIR-CONDITIONERS		0.60	Nos.	173,124	58,964		293.6
iii.	DEEP FREEZERS		0.50	Nos.	27,752	9,251		300.0
iv.	WASHING MACHINES		0.50	Nos.	263,662	206,034		128.0
v.	MICROWAVE OVEN		0.50	Nos.	320,626	271,939		117.9
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>					
i.	TRUCKS		2.71	Nos.	3,261	1,738		187.6
ii.	BUSES		0.77	Nos.	313	332		94.3
iii.	LCV'S		2.50	Nos.	14,742	10,417		141.5
iv.	MOTOR CYCLES		2.06	Nos.	1,052,441	1,175,562		89.5
v.	TRACTORS		0.25	Nos.	32,585	26,818		121.5
vi.	CARS		0.50	Nos.	125,605	75,867		165.6
vii.	VANS & JEEPS		1.18	Nos.	9,754	5,389		181.0
viii.	THREE WHEELERS		1.18	Nos.	27,285	32,827		83.1
	<b>Grand Total</b>	<b>537</b>	<b>70.43</b>					

**Table 5: Employment in Selected Large-Scale Manufacturing Sector, January-2022 Vs December-2021**

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Jan:2022	Dec:2021	Jan:2022	Dec:2021
1	<u>VEGETABLE GHEE</u>	35	2,138	2,000	1,750	1,551
2	<u>SUGAR</u>	26	13,430	12,685	8,851	8,284
3	<u>TEA</u>	7	1,361	1,658	1,165	1,165
4	<u>BEVERAGES</u>	13	4,667	4,667	1,364	1,364
5	<u>COTTON TEXTILE</u>	133	70,649	67,878	61,695	57,630
6	<u>LEATHER TANNING</u>	30	4,685	5,570	4,125	5,150
7	<u>PAPER &amp; PAPER BOARD</u>	6	2,002	2,002	1,426	1,426
8	<u>PHARMACEUTICALS</u>	78	14,391	15,132	7,035	7,736
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	40	25	25
10	<u>FERTILIZER</u>	3	2,630	2,622	1,851	1,839
11	<u>PAINTS &amp; VARNISH</u>	9	261	224	180	146
12	<u>SOAP</u>	38	3,229	2,893	3,168	2,704
13	<u>PETROLEUM PRODUCTS</u>	2	1,329	1,329	1,017	1,017
14	<u>TYRES &amp; TUBES</u>	4	2,958	3,958	2,060	2,460
15	<u>CEMENT</u>	11	2,810	2,825	1,836	1,848
16	<u>STEEL PRODUCTS</u>	2	239	190	160	121
17	<u>M.S PRODUCTS</u>	28	534	534	366	366
18	<u>SAFETY RAZOR BLAD</u>	1	554	556	514	516
19	<u>SEWING MACHINES</u>	3	101	122	77	106
20	<u>ELEC. APPLIANCES</u>	3	1,600	1,683	1,304	1,459
21	<u>AUTOMOBILE</u>	17	8,244	9,833	6,113	7,080
22	<u>STORAGE BATTERIES</u>	4	3,305	2,705	3,430	3,030
<b>Grand Total</b>		<b>456</b>	<b>141,155</b>	<b>141,104</b>	<b>109,511</b>	<b>107,021</b>

**Table 6: Employment in Selected Large-Scale Manufacturing Sector, January-2022 Vs January-2021**

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Jan:2022	Jan:2021	Jan:2022	Jan:2021
1	<u>VEGETABLE GHEE</u>	35	2,138	2,182	1,750	1,561
2	<u>SUGAR</u>	26	13,430	10,379	8,851	6,626
3	<u>TEA</u>	7	1,361	3,162	1,165	2,730
4	<u>BEVERAGES</u>	13	4,667	3,443	1,364	1,451
5	<u>COTTON TEXTILE</u>	133	70,649	53,107	61,695	40,809
6	<u>LEATHER TANNING</u>	30	4,685	6,554	4,125	5,524
7	<u>PAPER &amp; PAPER BOARD</u>	6	2,002	2,078	1,426	1,492
8	<u>PHARMACEUTICALS</u>	78	14,391	6,511	7,035	3,071
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,630	974	1,851	815
11	<u>PAINTS &amp; VARNISH</u>	9	261	103	180	50
12	<u>SOAP</u>	38	3,229	2,705	3,168	1,569
13	<u>PETROLEUM PRODUCTS</u>	2	1,329	430	1,017	333
14	<u>TYRES &amp; TUBES</u>	4	2,958	5,676	2,060	4,044
15	<u>CEMENT</u>	11	2,810	4,802	1,836	2,045
16	<u>STEEL PRODUCTS</u>	2	239	225	160	81
17	<u>M.S PRODUCTS</u>	28	534	1,083	366	1,017
18	<u>SAFETY RAZOR BLAD</u>	1	554	287	514	265
19	<u>SEWING MACHINES</u>	3	101	411	77	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,600	750	1,304	663
21	<u>AUTOMOBILE</u>	17	8,244	16,846	6,113	11,865
22	<u>STORAGE BATTERIES</u>	4	3,305	1,817	3,430	1,597
	<b>Grand Total</b>	<b>456</b>	<b>141,155</b>	<b>123,542</b>	<b>109,511</b>	<b>87,974</b>

**Table 7: Average Monthly Employment in Selected Large Scale Manufacturing Sector,  
2021-22 (Jul to Jan) Vs 2020-21 (Jul to Jan)**

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Jan) 2021-22	(Jul-Jan) 2020-21	(Jul-Jan) 2021-22	(Jul-Jan) 2020-21
1	<u>VEGETABLE GHEE</u>	35	1,975	2,525	1,482	1,412
2	<u>SUGAR</u>	26	11,816	7,781	7,336	5,897
3	<u>TEA</u>	7	2,228	3,099	1,849	2,655
4	<u>BEVERAGES</u>	13	5,201	3,275	1,500	1,251
5	<u>COTTON TEXTILE</u>	133	60,768	53,465	51,583	41,087
6	<u>LEATHER TANNING</u>	30	7,207	6,698	6,811	5,615
7	<u>PAPER &amp; PAPER BOARD</u>	6	1,898	2,157	1,352	1,538
8	<u>PHARMACEUTICALS</u>	78	15,925	6,560	6,682	3,143
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,268	980	1,646	814
11	<u>PAINTS &amp; VARNISH</u>	9	156	104	100	51
12	<u>SOAP</u>	38	2,205	2,114	2,011	1,655
13	<u>PETROLEUM PRODUCTS</u>	2	1,159	432	911	333
14	<u>TYRES &amp; TUBES</u>	4	5,065	5,669	3,430	4,039
15	<u>CEMENT</u>	11	2,863	5,043	1,859	2,217
16	<u>STEEL PRODUCTS</u>	1	239	163	154	96
17	<u>M.S PRODUCTS</u>	28	801	1,081	589	865
18	<u>SAFETY RAZOR BLAD</u>	1	397	275	368	247
19	<u>SEWING MACHINES</u>	3	213	410	185	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,328	750	1,104	663
21	<u>AUTOMOBILE</u>	17	13,654	16,019	10,498	8,167
22	<u>STORAGE BATTERIES</u>	4	2,469	1,728	2,836	1,618
	<b>Grand Total</b>	<b>455</b>	<b>139,875</b>	<b>120,346</b>	<b>104,313</b>	<b>83,731</b>

## Annexure – A Proforma/ Questionnaire



GOVERNMENT OF SINDH  
PLANNING & DEVELOPMENT DEPARTMENT  
BUREAU OF STATISTICS

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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

--	--	--	--

LOCATION 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 \_\_\_\_\_

## **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**

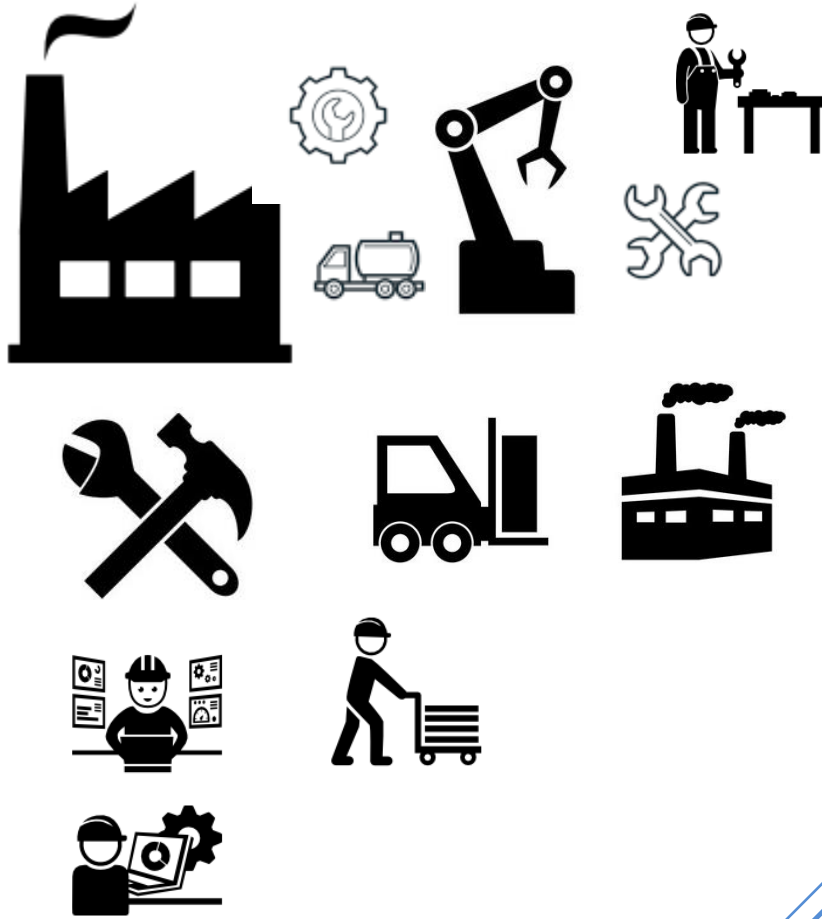
Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

- **Non-Production Workers**

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

## **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.



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