

# MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH



**February, 2022**

Industries Section, BOS



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



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

**February, 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 60 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  
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# Table of Contents

<b>LIST OF TABLES .....</b>	<b>III</b>
<b>LIST OF FIGURES.....</b>	<b>III</b>
<b>LIST OF EQUATIONS .....</b>	<b>III</b>
<b>MIPE TEAM (INDUSTRIES SECTION) .....</b>	<b>IV</b>
<b>1. INTRODUCTION .....</b>	<b>1</b>
<b>1.1. QUESTIONNAIRE/ PROFORMA .....</b>	<b>2</b>
<b>1.2. METHODOLOGY .....</b>	<b>2</b>
<b>1.3. EDITING .....</b>	<b>2</b>
<b>2. QUANTUM INDEX OF MANUFACTURING (QIM).....</b>	<b>3</b>
<b>REPORT ANALYSIS.....</b>	<b>4</b>
<b>ANNEXURE – A PROFORMA/ QUESTIONNAIRE .....</b>	<b>15</b>
<b>ANNEXURE – B IMPORTANT DEFINITIONS .....</b>	<b>16</b>
<b>ANNEXURE – C DATA USERS .....</b>	<b>17</b>

## List of Tables

TABLE 1: SERIES OF QUANTUM INDEX OF MANUFACTURING (QIM) AT (2005-06=100)	4
TABLE 2: PRODUCTION OF SELECTED ITEMS PERTAINING TO LARGE-SCALE MANUFACTURING SECTOR, FEBRUARY-2022 VS JANUARY-2021	6
TABLE 3: PRODUCTION OF SELECTED ITEMS PERTAINING TO LARGE-SCALE MANUFACTURING SECTOR, FEBRUARY-2022 VS FEBRUARY-2021	8
TABLE 4: PRODUCTION OF SELECTED ITEMS PERTAINING TO LARGE-SCALE MANUFACTURING SECTOR,	10
TABLE 5: EMPLOYMENT IN SELECTED LARGE-SCALE MANUFACTURING SECTOR, FEBRUARY-2022 VS JANUARY-2022	12
TABLE 6: EMPLOYMENT IN SELECTED LARGE-SCALE MANUFACTURING SECTOR, FEBRUARY-2022 VS FEBRUARY-2021	13
TABLE 7: AVERAGE MONTHLY EMPLOYMENT IN SELECTED LARGE SCALE MANUFACTURING SECTOR,	14

## List of Figures

FIGURE 1: TREND OF QUANTUM INDEX OF LARGE SCALE MANUFACTURING INDUSTRIES AT BASE YEAR 2005-06	5
FIGURE 2: TREND OF AVERAGE MONTHLY EMPLOYMENT IN LARGE SCALE MANUFACTURING INDUSTRIES	5

## List of Equations

EQUATION 1 LASPAYER'S INDEX	3
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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 60 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 February, 2022 is decreased by 3.88% as compared to last month of January, 2022.
- Production in manufacturing sector for the month of February, 2022 has a significantly upward jump of 34.07% 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 February (2021-22) is significantly increased by 32.76% than the cumulative production of July-February (2020-21) which also reflects the less production during subsequent waves of COVID-19 in the year of 2021.
- Large Scale Manufacturing employment during February, 2022 increased by 4.10% as compared to previous month.
- Employment during February, 2022 is 18.58% higher than February, 2021.
- Average monthly employment during the period of July-February (2021-22) is 16.53% higher as compared to the corresponding period of July-February (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	440.8
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	

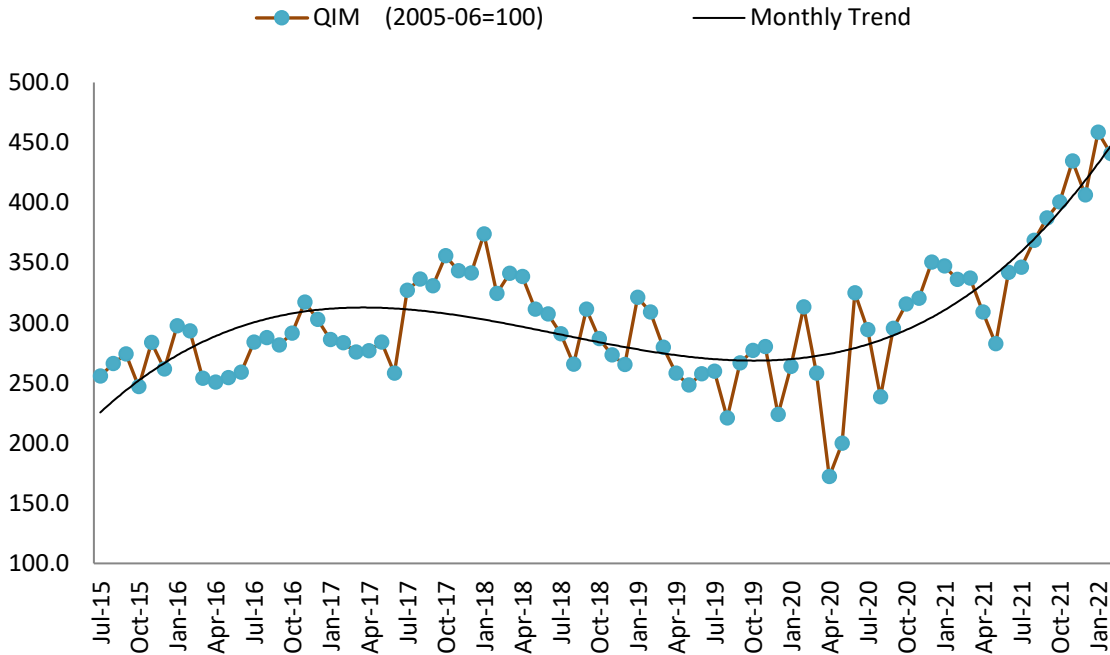


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

QIM index in last six months of current financial year 2020-21 is showing an increasing trend. Similarly in month to month change last month growth reported significantly low around 3.88% which major cause is the decrease in seasonal item such as Cotton ginning along with seasonal items the production of Lubricating oils, Motor tubes also decrease in production of Motor cycles, Tractors, vans and Jeeps (Automobile product).

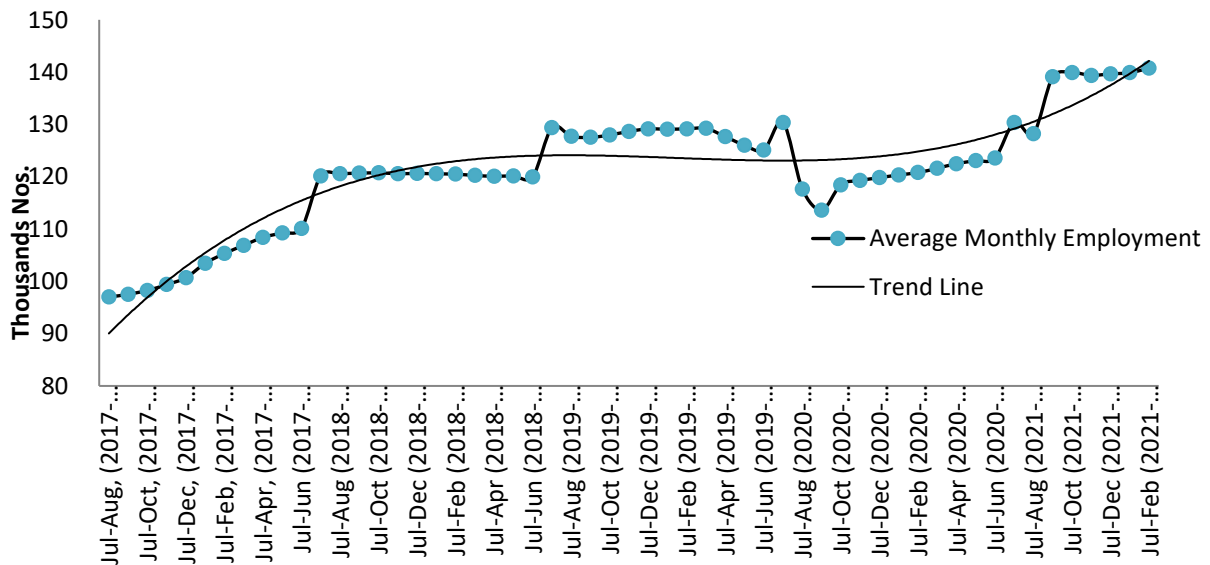


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

Overall employment trend in last financial year 2020-21 is looking upward. In current month the employment is also slightly upward as compared to last month. Major sectors in which the employment is increased in the month of February, 2022 are Vegetable Ghee, Cotton Textile, Pharmaceuticals, Paint & Varnish while the major chunk of employment was increased in current month in sector Pharmaceuticals and Paint & Varnish.

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, February-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 Feb:2022 with Jan: 2022
					Feb:2022	Jan:2022	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	21,177	20,169	105.0
ii.	COOKING OIL		0.50	M.Tons	33,631	31,259	107.6
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	447,067	421,723	106.0
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	4,493	4,289	104.8
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	35,503	38,555	92.1
ii.	WATER		0.85	"000" NOs.	15,649	18,410	85.0
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	36,368	34,636	105.0
ii.	COTTON FABRICS		4.13	"000" Sq. M	44,408	42,293	105.0
iii.	M.M.YARN		0.42	M.Tons	6,382	6,078	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.	509	645	78.9
<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	1,680,176	1,832,702	91.7
<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	591	563	105.0
ii.	WRITTEN PAPER		0.01	M.Tons	448	427	104.9
iii.	PACKING & OTHER PAPER		0.01	M.Tons	3,650	3,476	105.0
iv.	ADVERTISING MATERIAL		0.01	M.Tons	453	431	105.1
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	1,294,259	1,232,628	105.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	19,160	18,248	105.0
iii.	CAPSULES		1.36	"000" NOs.	130,646	124,425	105.0
iv.	INJECTIONS		1.22	"000" NOs.	61,246	47,771	128.2
v.	OINTMENT		0.15	KGs.	270,654	257,766	105.0
<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	2,153	2,050	105.0
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	311,141	346,964	89.7
ii.	AMONIA		3.50	M.Tons	83,741	79,753	105.0
iii.	DAP		3.50	M.Tons	55,068	55,068	100.0
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	236	239	98.7
ii.	VARNISH		0.32	"000" Liters.	20	35	57.1

<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	21,297	20,283	105.0
ii.	DETERGENT POWDER		1.66	M.Tons	18,397	17,521	105.0
iii.	TOILET SOAP		1.66	M.Tons	4,563	4,599	99.2
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	1,551	3,269	47.4
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	19,581	42,072	46.5
iii.	KEROSENE OIL		9.32	"000" Liters.	232	-	
iv.	H.S.D		9.32	"000" Liters.	112,791	69,689	161.8
v.	FURNACE OIL		9.32	"000" Liters.	22,018	32,639	67.5
vi.	ASPHALT 80-100		9.32	"000" Liters.	9,285	8,821	105.3
vii.	ASPHALT 60-70		9.32	"000" Liters.	9,285	8,821	105.3
viii.	MOTOR SPRIT		9.32	"000" Liters.	22,639	10,220	221.5
ix.	JET FUEL		9.32	"000" Liters.	5,300	16,114	32.9
x.	LUBRICATING OIL		9.32	"000" Liters.	16,279	24,074	67.6
xi.	OTHERS		0.00	"000" Liters.	18,888	44,008	42.9
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	182,214	216,013	84.4
ii.	MOTOR TUBE		0.41	Nos.	6,651	26,923	24.7
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	945,947	738,111	128.2
<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	19,702	18,764	105.0
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	4,806	4,577	105.0
<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.	45,021	36,156	124.5
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	760	800	95.0
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	56,632	39,113	144.8
ii.	AIR-CONDITIONERS		0.60	Nos.	28,328	10,359	273.5
iii.	DEEP FREEZERS		0.50	Nos.	3,609	3,609	100.0
iv.	WASHING MACHINES		0.50	Nos.	32,800	36,198	90.6
v.	MICROWAVE OVEN		0.50	Nos.	40,386	41,235	97.9
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	551	627	87.9
ii.	BUSES		0.77	Nos.	46	83	55.4
iii.	LCV'S		2.50	Nos.	1,425	1,091	130.6
iv.	MOTOR CYCLES		2.06	Nos.	127,317	144,270	88.2
v.	TRACTORS		0.25	Nos.	2,002	5,640	35.5
vi.	CARS		0.50	Nos.	18,263	18,356	99.5
vii.	VANS & JEEPS		1.18	Nos.	1,897	2,454	77.3
viii.	THREE WHEELERS		1.18	Nos.	8,335	8,171	102.0
	<b>Grand Total</b>	<b>537</b>	<b>70.43</b>				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, February-2022 Vs February-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 Feb:2022 with Feb:2021
					Feb:2022	Feb:2021	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	21,177	34,802	60.8
ii.	COOKING OIL		0.50	M.Tons	33,631	16,998	197.9
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	447,067	494,789	90.4
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	4,493	3,969	113.2
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	35,503	79,844	44.5
ii.	WATER		0.85	"000" NOs.	15,649	14,505	107.9
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	36,368	19,568	185.9
ii.	COTTON FABRICS		4.13	"000" Sq. M	44,408	22,058	201.3
iii.	M.M.YARN		0.42	M.Tons	6,382	1,807	353.2
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.07</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	509	897	56.7
<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	1,680,176	15,864	10591.1
<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	591	359	164.6
ii.	WRITTEN PAPER		0.01	M.Tons	448	442	101.4
iii.	PACKING & OTHER PAPER		0.01	M.Tons	3,650	2,037	179.2
iv.	ADVERTISING MATERIAL		0.01	M.Tons	453	33	1372.7
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	1,294,259	2,071,146	62.5
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	19,160	9,256	207.0
iii.	CAPSULES		1.36	"000" NOs.	130,646	393,417	33.2
iv.	INJECTIONS		1.22	"000" NOs.	61,246	120,774	50.7
v.	OINTMENT		0.15	KGs.	270,654	213,480	126.8
<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	2,153	1,700	126.6
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	311,141	197,248	157.7
ii.	AMONIA		3.50	M.Tons	83,741	21,813	
iii.	DAP*		3.50	M.Tons	55,068	38,271	143.9
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	236	88	268.2
ii.	VARNISH		0.32	"000" Liters.	20	300	6.7
<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	21,297	5,762	369.6

ii.	DETERGENT POWDER	1.66	M.Tons	18,397	13,834	133.0
iii.	TOILET SOAP	1.66	M.Tons	4,563	1,606	284.1
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>			
i.	L.P.G	9.32	"000" Liters.	1,551	2,212	70.1
ii.	NAPHTHA SOLVENT	9.32	"000" Liters.	19,581	17,815	109.9
iii.	KEROSENE OIL	9.32	"000" Liters.	232	51	454.9
iv.	H.S.D	9.32	"000" Liters.	112,791	107,537	104.9
v.	FURNACE OIL	9.32	"000" Liters.	22,018	54,592	40.3
vi.	ASPHALT 80-100	9.32	"000" Liters.	9,285	5,153	180.2
vii.	ASPHALT 60-70	9.32	"000" Liters.	9,285	10,296	90.2
viii.	MOTOR SPRIT	9.32	"000" Liters.	22,639	20,339	111.3
ix.	JET FUEL	9.32	"000" Liters.	5,300	13,485	39.3
x.	LUBRICATING OIL	9.32	"000" Liters.	16,279	15,343	106.1
xi.	OTHERS	0.00	"000" Liters.	18,888	25,725	73.4
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>			
i.	MOTOR TYRE	0.41	Nos.	182,214	198,185	91.9
ii.	MOTOR TUBE	0.41	Nos.	6,651	62,834	10.6
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>			
i.	CEMENT	3.86	M.Tons	945,947	476,100	198.7
<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	19,702	4,101	480.4
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>			
i.	STEEL PRODUCTS	1.02	M.Tons	4,806	3,166	151.8
<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.	45,021	72,340	62.2
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>			
i.	SEWING MACHINES	0.25	Nos.	760	1,349	56.3
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>			
i.	REFRIGERATORS	0.11	Nos.	56,632	56,710	99.9
ii.	AIR-CONDITIONERS	0.60	Nos.	28,328	26,762	105.9
iii.	DEEP FREEZERS	0.50	Nos.	3,609	1,112	324.6
iv.	WASHING MACHINES	0.50	Nos.	32,800	40,421	81.1
v.	MICROWAVE OVEN	0.50	Nos.	40,386	57,690	70.0
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>			
i.	TRUCKS	2.71	Nos.	551	341	161.6
ii.	BUSES	0.77	Nos.	46	66	69.7
iii.	LCV'S	2.50	Nos.	1,425	1,253	113.7
iv.	MOTOR CYCLES	2.06	Nos.	127,317	133,997	95.0
v.	TRACTORS	0.25	Nos.	2,002	3,054	65.6
vi.	CARS	0.50	Nos.	18,263	9,859	185.2
vii.	VANS & JEEPS	1.18	Nos.	1,897	473	401.1
viii.	THREE WHEELERS	1.18	Nos.	8,335	5,170	161.2
	<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 Feb) Vs 2020-21 (Jul to Feb)

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-Feb) with 2020-21 (Jul-Feb)
					2021-22 (Jul-Feb)	2020-21 (Jul-Feb)	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	195,555	281,271	69.5
ii.	COOKING OIL		0.50	M.Tons	209,854	122,752	171.0
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	1,316,560	1,198,439	109.9
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	39,306	33,381	117.7
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	478,392	726,933	65.8
ii.	WATER		0.85	"000" NOs.	165,896	132,665	125.0
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	213,275	157,287	135.6
ii.	COTTON FABRICS		4.13	"000" Sq. M	251,956	149,657	168.4
iii.	M.M.YARN		0.42	M.Tons	33,792	9,940	339.9
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.07</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	4,083	6,143	66.5
<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	9,590,838	4,429,107	216.5
<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	3,288	2,425	135.6
ii.	WRITTEN PAPER		0.01	M.Tons	3,207	1,655	193.8
iii.	PACKING & OTHER PAPER		0.01	M.Tons	19,676	13,507	145.7
iv.	ADVERTISING MATERIAL		0.01	M.Tons	1,399	199	703.0
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	10,712,562	15,723,397	68.1
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	111,228	61,492	180.9
iii.	CAPSULS		1.36	"000" NOs.	1,349,110	2,788,520	48.4
iv.	INJECTIONS		1.22	"000" NOs.	664,432	972,519	68.3
v.	OINTMENT		0.15	KGs.	1,750,184	1,639,002	106.8
<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	21,844	16,390	133.3
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	2,620,580	1,779,558	147.3
ii.	AMONIA		3.50	M.Tons	580,999	270,307	214.9
iii.	DAP		3.50	M.Tons	670,523	479,766	139.8
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	1,909	617	309.4
ii.	VARNISH		0.32	"000" Liters.	126	2,060	6.1



<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	114,407	49,039	233.3
ii.	DETERGENT POWDER		1.66	M.Tons	107,033	114,799	93.2
iii.	TOILET SOAP		1.66	M.Tons	42,391	14,894	284.6
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	23,134	15,862	145.8
ii.	NAPTHA SOLVENT		9.32	"000" Liters.	330,347	139,672	236.5
iii.	KEROSENE OIL		9.32	"000" Liters.	3,983	2,019	197.3
iv.	H.S.D		9.32	"000" Liters.	994,584	1,006,841	98.8
v.	FURNACE OIL		9.32	"000" Liters.	408,235	412,023	99.1
vi.	ASPHALT 80-100		9.32	"000" Liters.	41,328	4,917	840.4
vii.	ASPHALT 60-70		9.32	"000" Liters.	94,956	41,536	228.6
viii.	MOTOR SPRIT		9.32	"000" Liters.	197,514	168,477	117.2
ix.	JET FUEL		9.32	"000" Liters.	141,546	96,816	146.2
x.	LUBRICATING OIL		9.32	"000" Liters.	158,495	108,646	145.9
xi.	OTHERS		0.00	"000" Liters.	335,787	199,582	168.2
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	1,816,628	1,832,356	99.1
ii.	MOTOR TUBE		0.41	Nos.	149,886	175,247	85.5
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	5,305,825	3,759,729	141.1
<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	113,609	46,323	245.3
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	26,297	12,898	203.9
<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.	374,758	595,137	63.0
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	9,854	11,751	83.9
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	523,799	340,352	153.9
ii.	AIR-CONDITIONERS		0.60	Nos.	201,452	82,021	245.6
iii.	DEEP FREEZERS		0.50	Nos.	31,361	10,842	289.3
iv.	WASHING MACHINES		0.50	Nos.	296,462	241,210	122.9
v.	MICROWAVE OVEN		0.50	Nos.	361,012	317,074	113.9
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	3,812	1,919	198.6
ii.	BUSES		0.77	Nos.	359	383	93.7
iii.	LCV'S		2.50	Nos.	16,167	12,036	134.3
iv.	MOTOR CYCLES		2.06	Nos.	1,179,758	1,333,439	88.5
v.	TRACTORS		0.25	Nos.	34,587	30,429	113.7
vi.	CARS		0.50	Nos.	143,868	89,693	160.4
vii.	VANS & JEEPS		1.18	Nos.	11,651	6,671	174.7
viii.	THREE WHEELERS		1.18	Nos.	35,620	37,278	95.6
<b>Grand Total</b>		<b>537</b>	<b>70.43</b>				

Table 5: Employment in Selected Large-Scale Manufacturing Sector, February-2022 Vs January-2022

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Feb:2022	Jan:2022	Feb:2022	Jan:2022
1	<u>VEGETABLE GHEE</u>	35	2,244	2,138	1,867	1,750
2	<u>SUGAR</u>	26	14,868	13,430	9,270	8,851
3	<u>TEA</u>	7	1,382	1,361	1,157	1,165
4	<u>BEVERAGES</u>	13	4,336	4,667	1,101	1,364
5	<u>COTTON TEXTILE</u>	133	72,117	70,649	63,858	61,695
6	<u>LEATHER TANNING</u>	30	4,685	4,685	4,125	4,125
7	<u>PAPER &amp; PAPER BOARD</u>	6	2,084	2,002	1,473	1,426
8	<u>PHARMACEUTICALS</u>	78	15,976	14,391	11,082	7,035
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	40	25	25
10	<u>FERTILIZER</u>	3	2,633	2,630	1,850	1,851
11	<u>PAINTS &amp; VARNISH</u>	9	291	261	210	180
12	<u>SOAP</u>	38	3,493	3,229	3,304	3,168
13	<u>PETROLEUM PRODUCTS</u>	2	1,329	1,329	1,017	1,017
14	<u>TYRES &amp; TUBES</u>	4	2,553	2,958	2,030	2,060
15	<u>CEMENT</u>	11	2,829	2,810	1,848	1,836
16	<u>STEEL PRODUCTS</u>	2	210	239	141	160
17	<u>M.S PRODUCTS</u>	28	534	534	366	366
18	<u>SAFETY RAZOR BLAD</u>	1	556	554	516	514
19	<u>SEWING MACHINES</u>	3	72	101	63	77
20	<u>ELEC. APPLIANCES</u>	3	1,525	1,600	1,304	1,304
21	<u>AUTOMOBILE</u>	17	9,864	8,244	7,195	6,113
22	<u>STORAGE BATTERIES</u>	4	3,315	3,305	2,940	3,430
<b>Grand Total</b>		<b>456</b>	<b>146,937</b>	<b>141,155</b>	<b>116,740</b>	<b>109,511</b>

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Feb:2022	Feb:2021	Feb:2022	Feb:2021
1	<u>VEGETABLE GHEE</u>	35	2,244	2,193	1,867	1,576
2	<u>SUGAR</u>	26	14,868	10,311	9,270	6,627
3	<u>TEA</u>	7	1,382	3,206	1,157	2,774
4	<u>BEVERAGES</u>	13	4,336	3,554	1,101	1,033
5	<u>COTTON TEXTILE</u>	133	72,117	53,028	63,858	40,721
6	<u>LEATHER TANNING</u>	30	4,685	6,597	4,125	5,527
7	<u>PAPER &amp; PAPER BOARD</u>	6	2,084	1,962	1,473	1,396
8	<u>PHARMACEUTICALS</u>	78	15,976	6,845	11,082	3,565
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,633	972	1,850	813
11	<u>PAINTS &amp; VARNISH</u>	9	291	103	210	50
12	<u>SOAP</u>	38	3,493	2,742	3,304	1,584
13	<u>PETROLEUM PRODUCTS</u>	2	1,329	429	1,017	332
14	<u>TYRES &amp; TUBES</u>	4	2,553	5,740	2,030	4,060
15	<u>CEMENT</u>	11	2,829	4,799	1,848	2,042
16	<u>STEEL PRODUCTS</u>	2	210	224	141	81
17	<u>M.S PRODUCTS</u>	28	534	1,082	366	972
18	<u>SAFETY RAZOR BLAD</u>	1	556	285	516	263
19	<u>SEWING MACHINES</u>	3	72	411	63	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,525	750	1,304	663
21	<u>AUTOMOBILE</u>	17	9,864	16,846	7,195	11,884
22	<u>STORAGE BATTERIES</u>	4	3,315	1,817	2,940	1,584
<b>Grand Total</b>		<b>456</b>	<b>146,937</b>	<b>123,916</b>	<b>116,740</b>	<b>87,914</b>

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Feb) 2021-22	(Jul-Feb) 2020-21	(Jul-Feb) 2021-22	(Jul-Feb) 2020-21
1	<u>VEGETABLE GHEE</u>	35	2,009	2,484	1,530	1,432
2	<u>SUGAR</u>	26	12,197	8,098	7,578	5,988
3	<u>TEA</u>	7	2,122	3,113	1,763	2,670
4	<u>BEVERAGES</u>	13	5,093	3,310	1,450	1,224
5	<u>COTTON TEXTILE</u>	133	62,186	53,411	53,117	41,042
6	<u>LEATHER TANNING</u>	30	6,892	6,685	6,476	5,604
7	<u>PAPER &amp; PAPER BOARD</u>	6	1,921	2,133	1,367	1,520
8	<u>PHARMACEUTICALS</u>	78	15,932	6,596	7,232	3,196
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,314	979	1,672	814
11	<u>PAINTS &amp; VARNISH</u>	9	173	104	114	51
12	<u>SOAP</u>	38	2,366	2,192	2,172	1,646
13	<u>PETROLEUM PRODUCTS</u>	2	1,180	431	924	333
14	<u>TYRES &amp; TUBES</u>	4	4,751	5,678	3,255	4,042
15	<u>CEMENT</u>	11	2,858	5,012	1,857	2,195
16	<u>STEEL PRODUCTS</u>	1	236	171	153	94
17	<u>M.S PRODUCTS</u>	28	768	1,081	561	878
18	<u>SAFETY RAZOR BLAD</u>	1	417	276	387	249
19	<u>SEWING MACHINES</u>	3	195	410	170	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,353	750	1,129	663
21	<u>AUTOMOBILE</u>	17	13,180	16,122	10,085	8,632
22	<u>STORAGE BATTERIES</u>	4	2,575	1,739	2,849	1,614
<b>Grand Total</b>		<b>455</b>	<b>140,758</b>	<b>120,792</b>	<b>105,866</b>	<b>84,254</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      Estb: Code

LOCATION CODE

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

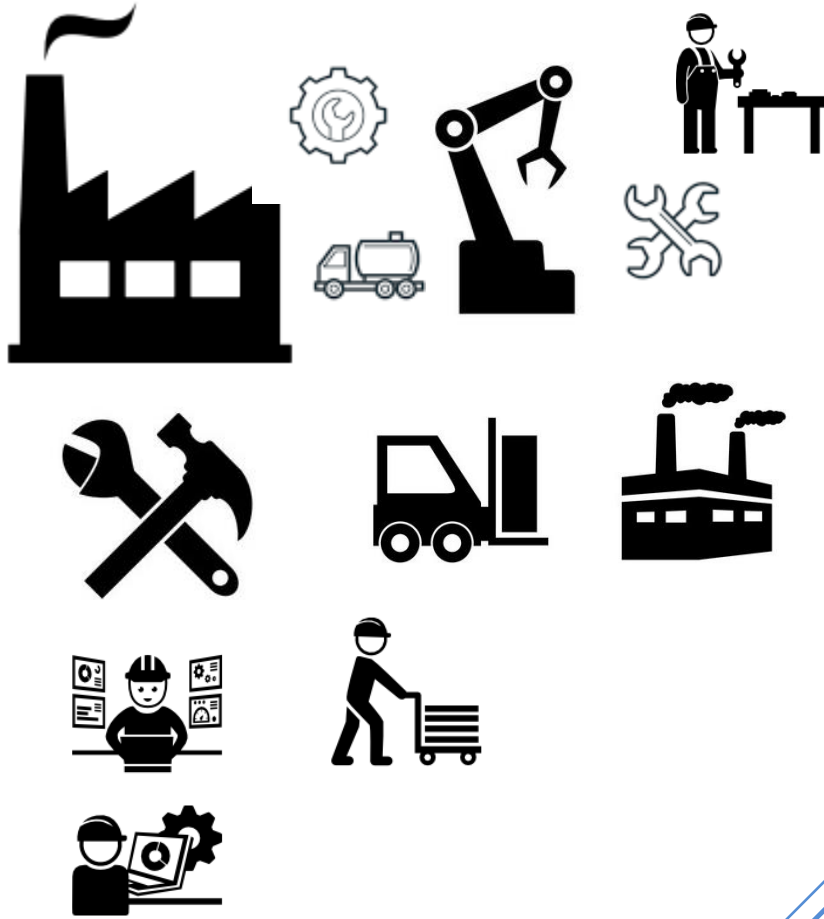
Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

- 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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