

GOVERNMENT OF SINDH  
PLANNING & DEVELOPMENT DEPARTMENT  
BUREAU OF STATISTICS



**March, 2021**  
Industries Section, BOS

MONTHLY SURVEY OF  
INDUSTRIAL PRODUCTION  
& EMPLOYEMENT  
IN SINDH



FOR OFFICIAL USE ONLY

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

## March, 2021



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 since 1970s. This report provides important statistics in respect of industrial production & employment of large Scale Manufacturing (LSM) industries in Sindh.

This report contains information on 62 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 70.6% 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.

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

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## MIPE Team (Industries Section)

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## Introduction

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 2019-20, Agriculture Sector is 19.31%, Industries Sector is 19.29% and Services Sector is 61.4%.

According to the Pakistan Bureau of Statistics, for fiscal year 2020 followed partial lockdown situation faced by industrial sector in the country due to COVID-19. A significant impact has been observed in the manufacturing sector, particularly Large-Scale Manufacturing and Small-Scale Manufacturing. In the industrial sector, 2.64% negative provincial growth has been observed (PBS). From the share of industrial sector 12.48% are manufacturing and more specifically 9.5% is Large Scale Manufacturing (LSM) Sector. The role of Sindh province in the Large Scale Manufacturing is very vital. However, Sindh QIM's trend of overall manufacturing index is on declining side which mainly caused by COVID-19. 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 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 62 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 70.6% of total value added in terms of production during 2005-06, CMI. However, the recent CMI 2015-16 has been conducted by PBS, as it will be published that will be used as base year and QIM base year will be shifted from 2005-06 to 2015-16. In addition to collection, compilation, tabulation and processing of manufacturing data, Bureau of Statistics also computes monthly Quantum Index of Manufacturing by using the weights of production. The quantum index is an essential indicator to gauge to aggregate monthly production of province.

## 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**.

## 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.

## 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.



#### 4. 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.

## Analysis

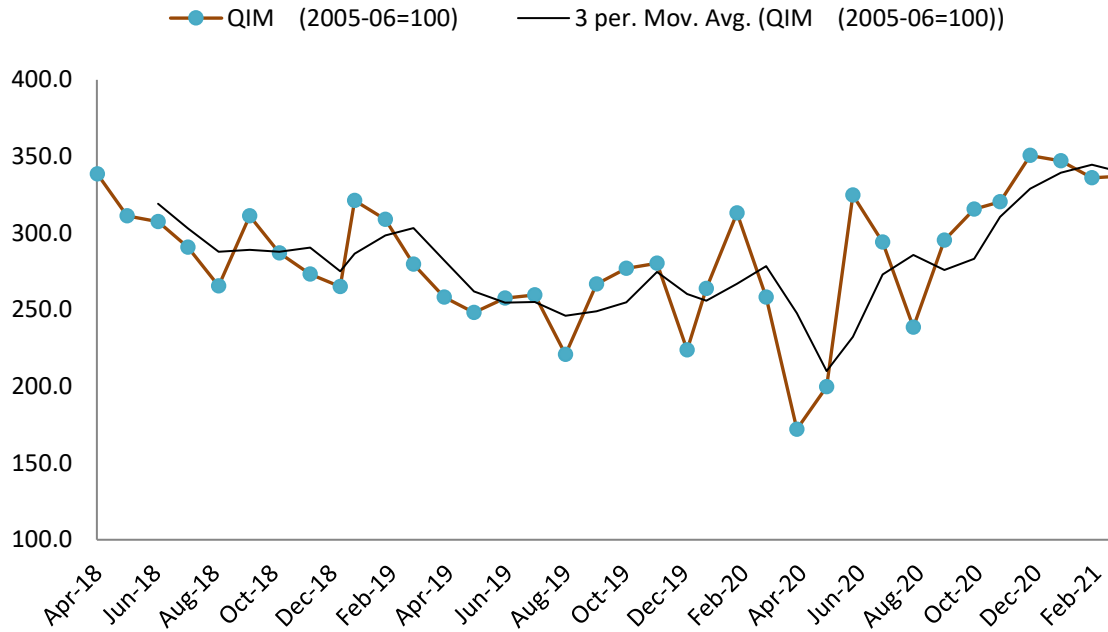
Summary findings on the basis of Index of Industrial Production are as follows:

- Overall Production in March, 2021 is slightly changed only 0.29% as compared to last month (i.e. February, 2021) after the revised figure of QIM in February, 2021.
- Overall Production in March, 2021 is significantly increased by 32.4% as compared to corresponding month of last year (i.e. March, 2020)
- In the Cumulative production from July to March (2020-21) is considerable increase is reported of 12.4% as compared to the period of July to March (2019-20)
- Employment during March, 2021 has almost no change as compared to previous month (i.e. February, 2021).
- Employment during March, 2021 is decreased by 2.6% in comparison with last year (March, 2020).
- Average monthly employment during the period of July-March (2020-21) is contracted by 5.9% than the corresponding period of July-March (2019-20).

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

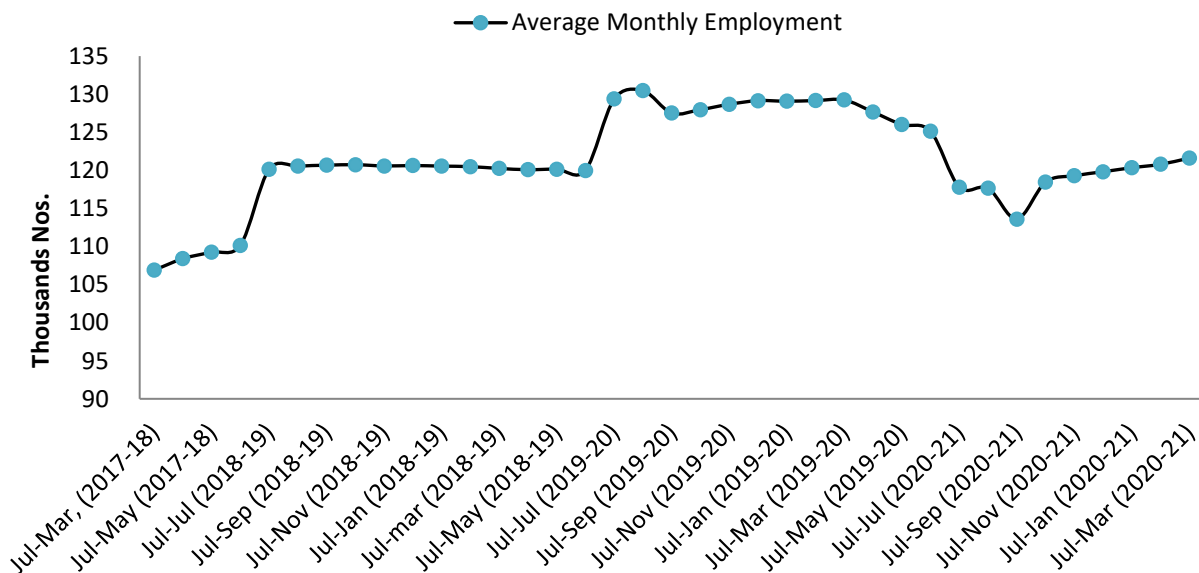
Month/ Year	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<b>July</b>	255.7	284.0	327.0	290.8	259.7	294.2
<b>August</b>	266.0	287.7	336.4	265.5	220.9	238.5
<b>September</b>	274.2	281.5	330.9	311.3	266.7	295.4
<b>October</b>	247.0	291.4	355.7	287.0	277.0	315.6
<b>November</b>	283.7	317.1	343.2	273.3	280.3	320.5
<b>December</b>	261.7	302.8	341.5	265.2	223.7	350.6
<b>January</b>	297.4	286.1	374.0	321.3	263.8	347.2
<b>February</b>	293.2	283.3	324.5	309.0	313.2	336.1 <sup>R</sup>
<b>March</b>	253.9	275.6	341.4	279.7	258.2	337.1
<b>April</b>	250.6	276.8	338.5	258.2	172.1	
<b>May</b>	254.4	283.9	311.3	248.2	199.8	
<b>June</b>	259.0	258.1	307.4	257.6	324.9	
<b>Average (Geometric Mean)</b>	<b>265.9</b>	<b>285.4</b>	<b>335.5</b>	<b>279.7</b>	<b>251.3</b>	

R Revised figure



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

Mix trend followed in current manufacturing production index. Such as production of fertilizer, acid, sewing machines and automobile sector increased and production of MS products, steel and cotton sector declined significantly. However, other variations exist due to seasonal product like sugar, cotton ginning and beverages.



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

The employment of last six months is showing an upward trend and it is also aligned with the QIM index. However this year average employment is still less than the employment of last year.

## Production and Employment Data

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, March-2021 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 Mar:2021 with Feb: 2021
					Mar:2021	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	33,945	34,802	97.5
ii.	COOKING OIL		0.50	M.Tons	17,248	16,998	101.5
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	41,317	494,789	8.4
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	4,611	3,969	116.2
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	92,045	79,844	115.3
ii.	WATER*		0.85	"000" NOs.	14,508	14,505	100.0
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	17,199	19,568	87.9
ii.	COTTON FABRICS		4.13	"000" Sq. M	20,916	22,058	94.8
iii.	M.M.YARN		0.42	M.Tons	1,760	1,807	97.4
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.29</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	928	897	103.5
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	95	97	97.9
<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	-	15,864	0.0
<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	405	359	112.8
ii.	WRITTEN PAPER		0.01	M.Tons	448	442	101.4
iii.	PACKING & OTHER PAPER		0.01	M.Tons	2,104	2,037	103.3
iv.	ADVERTISING MATERIAL		0.01	M.Tons	32	33	97.0
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	2,153,992	2,071,146	104.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	10,486	9,256	113.3
iii.	CAPSULES		1.36	"000" NOs.	401,285	393,417	102.0
iv.	INJECTIONS		1.22	"000" NOs.	129,344	120,774	107.1
v.	OINTMENT		0.15	KGs.	198,536	213,480	93.0
<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	2,653	1,700	156.1
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	227,511	197,248	115.3
ii.	AMONIA		3.50	M.Tons	50,875	21,813	233.2
iii.	DAP		3.50	M.Tons	66,103	38,271	172.7
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	84	88	95.5
ii.	VARNISH		0.32	"000" Liters.	298	300	99.3
<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	5,375	5,762	93.3
ii.	DETERGENT POWDER		1.66	M.Tons	14,288	13,834	103.3
iii.	TOILET SOAP		1.66	M.Tons	1,593	1,606	99.2
iv.	TOOTH PASTE		1.66	M.Tons	882	833	105.9

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 Mar:2021 with Feb: 2021
					Mar:2021	Feb:2021	
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	2,194	2,212	99.2
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	18,445	17,815	103.5
iii.	KEROSENE OIL		9.32	"000" Liters.	10	51	19.6
iv.	H.S.D		9.32	"000" Liters.	145,817	107,537	135.6
v.	FURNACE OIL		9.32	"000" Liters.	59,579	54,592	109.1
vi.	ASPHALT 80-100		9.32	"000" Liters.	2,423	5,153	47.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	16,278	10,296	158.1
viii.	MOTOR SPRIT		9.32	"000" Liters.	23,425	20,339	115.2
ix.	JET FUEL		9.32	"000" Liters.	12,612	13,485	93.5
x.	LUBRICATING OIL		9.32	"000" Liters.	17,032	15,343	111.0
xi.	OTHERS		0.00	"000" Liters.	25,416	25,725	98.8
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	262,491	198,185	132.4
ii.	MOTOR TUBE		0.41	Nos.	18,367	62,834	29.2
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	505,798	476,100	106.2
<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	3,417	4,101	83.3
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	2,489	3,166	78.6
<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.	75,009	72,340	103.7
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	1,698	1,349	125.9
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	56,825	56,710	100.2
ii.	AIR-CONDITIONERS		0.60	Nos.	10,378	26,762	38.8
iii.	DEEP FREEZERS		0.50	Nos.	2,506	1,112	225.4
iv.	WASHING MACHINES		0.50	Nos.	22,714	40,421	56.2
v.	MICROWAVE OVEN		0.50	Nos.	21,000	57,690	36.4
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	488	341	143.1
ii.	BUSES		0.77	Nos.	60	66	90.9
iii.	LCV'S		2.50	Nos.	2,198	1,253	175.4
iv.	MOTOR CYCLES		2.06	Nos.	169,367	133,997	126.4
v.	TRACTORS		0.25	Nos.	5,454	3,054	178.6
vi.	CARS		0.50	Nos.	17,442	9,859	176.9
vii.	VANS & JEEPS		1.18	Nos.	1,739	473	367.7
viii.	THREE WHEELERS		1.18	Nos.	3,724	5,170	72.0
	<b>Grand Total</b>	<b>537</b>	<b>70.65</b>				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, March-2021 Vs March-2020

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 Mar:2021 with Mar:2020
					Mar:2021	Mar:2020	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	33,945	33,827	100.3
ii.	COOKING OIL		0.50	M.Tons	17,248	17,619	97.9
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	41,317	92,789	44.5
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	4,611	5,128	89.9
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	92,045	102,777	89.6
ii.	WATER		0.85	"000" NOs.	14,508	14,196	102.2
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	17,199	16,464	104.5
ii.	COTTON FABRICS		4.13	"000" Sq. M	20,916	11,753	178.0
iii.	M.M.YARN		0.42	M.Tons	1,760	594	296.3
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.29</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	928	685	135.5
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	95	71	133.8
<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	-	586	0.0
<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	405	314	129.0
ii.	WRITTEN PAPER		0.01	M.Tons	448	274	163.5
iii.	PACKING & OTHER PAPER		0.01	M.Tons	2,104	1,517	138.7
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<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	2,153,992	2,130,146	101.1
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iii.	CAPSULES		1.36	"000" NOs.	401,285	305,265	131.5
iv.	INJECTIONS		1.22	"000" NOs.	129,344	112,547	114.9
v.	OINTMENT		0.15	KGs.	198,536	233,071	85.2
<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	2,653	1,536	172.7
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	227,511	240,856	94.5
ii.	AMONIA		3.50	M.Tons	50,875	42,444	119.9
iii.	DAP*		3.50	M.Tons	66,103	38,223	172.9
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	84	39	215.4
ii.	VARNISH		0.32	"000" Liters.	298	171	174.3
<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	5,375	5,393	99.7
ii.	DETERGENT POWDER		1.66	M.Tons	14,288	14,905	95.9
iii.	TOILET SOAP		1.66	M.Tons	1,593	1,979	80.5
iv.	TOOTH PASTE		1.66	M.Tons	882	849	103.9

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 Mar:2021 with Mar:2020
					Mar:2021	Mar:2020	
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	2,194	2,710	80.9
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	18,445	11,943	154.4
iii.	KEROSENE OIL		9.32	"000" Liters.	10	2,704	0.4
iv.	H.S.D		9.32	"000" Liters.	145,817	106,508	136.9
v.	FURNACE OIL		9.32	"000" Liters.	59,579	48,113	123.8
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	-	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	16,278	9,125	178.4
viii.	MOTOR SPRIT		9.32	"000" Liters.	23,425	21,190	110.5
ix.	JET FUEL		9.32	"000" Liters.	12,612	19,721	64.0
x.	LUBRICATING OIL		9.32	"000" Liters.	17,032	12,464	136.6
xi.	OTHERS		0.00	"000" Liters.	25,416	22,382	113.6
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	262,491	167,858	156.4
ii.	MOTOR TUBE		0.41	Nos.	18,367	30,001	61.2
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	505,798	157,133	321.9
<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	3,417	4,431	77.1
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	2,489		
<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.	75,009	56,257	133.3
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	1,698	1,642	103.4
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	56,825	35,460	160.3
ii.	AIR-CONDITIONERS		0.60	Nos.	10,378	7,633	136.0
iii.	DEEP FREEZERS		0.50	Nos.	2,506	453	553.2
iv.	WASHING MACHINES		0.50	Nos.	22,714	8,114	279.9
v.	MICROWAVE OVEN		0.50	Nos.	21,000	15,582	134.8
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	488	307	159.0
ii.	BUSES		0.77	Nos.	60	32	187.5
iii.	LCV'S		2.50	Nos.	2,198	1,075	204.5
iv.	MOTOR CYCLES		2.06	Nos.	169,367	95,552	177.3
v.	TRACTORS		0.25	Nos.	5,454	2,858	190.8
vi.	CARS		0.50	Nos.	17,442	6,432	271.2
vii.	VANS & JEEPS		1.18	Nos.	1,739	337	516.0
viii.	THREE WHEELERS		1.18	Nos.	3,724	3,722	100.1
	<b>Grand Total</b>	<b>537</b>	<b>70.65</b>				

Table 4: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector,  
2020-21 (Jul to March) Vs 2019-20 (Jul to March)

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 2020-21 (Jul-Mar) with 2019-20 (Jul-Mar)
					2020-21 (Jul-Mar)	2019-20 (Jul-Mar)	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	315,216	306,358	102.9
ii.	COOKING OIL		0.50	M.Tons	140,000	141,078	99.2
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	1,239,756	1,410,016	87.9
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	37,992	40,830	93.0
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	818,978	773,659	105.9
ii.	WATER		0.85	"000" NOs.	147,173	139,149	105.8
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	174,486	162,163	107.6
ii.	COTTON FABRICS		4.13	"000" Sq. M	170,572	97,186	175.5
iii.	M.M.YARN		0.42	M.Tons	11,700	7,921	147.7
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.29</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	7,071	10,140	69.7
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	794	928	85.6
<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	4,429,107	3,472,114	127.6
<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	2,830	3,380	83.7
ii.	WRITTEN PAPER		0.01	M.Tons	2,103	2,664	78.9
iii.	PACKING & OTHER PAPER		0.01	M.Tons	15,611	14,175	110.1
iv.	ADVERTISING MATERIAL		0.01	M.Tons	231	214	107.9
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	17,877,389	18,500,929	96.6
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	71,978	58,198	123.7
iii.	CAPSULES		1.36	"000" NOs.	3,189,805	2,457,086	129.8
iv.	INJECTIONS		1.22	"000" NOs.	1,101,863	831,967	132.4
v.	OINTMENT		0.15	KGs.	1,837,538	2,008,518	91.5
<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	19,043	21,479	88.7
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	2,007,069	2,042,113	98.3
ii.	AMONIA		3.50	M.Tons	321,182	496,522	64.7
iii.	DAP		3.50	M.Tons	545,869	549,020	99.4
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	701	1,018	68.9
ii.	VARNISH		0.32	"000" Liters.	2,358	3,755	62.8
<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	54,414	43,326	125.6
ii.	DETERGENT POWDER		1.66	M.Tons	129,087	127,906	100.9
iii.	TOILET SOAP		1.66	M.Tons	16,487	17,045	96.7
iv.	TOOTH PASTE		1.66	M.Tons	7,965	6,817	116.8



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 2020-21 (Jul-Mar) with 2019-20 (Jul-Mar)
					2020-21 (Jul-Mar)	2019-20 (Jul-Mar)	
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	18,056	18,114	99.7
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	158,117	204,326	77.4
iii.	KEROSENE OIL		9.32	"000" Liters.	2,029	8,426	24.1
iv.	H.S.D		9.32	"000" Liters.	1,152,658	948,229	121.6
v.	FURNACE OIL		9.32	"000" Liters.	471,602	527,888	89.3
vi.	ASPHALT 80-100		9.32	"000" Liters.	7,341	114,861	6.4
vii.	ASPHALT 60-70		9.32	"000" Liters.	57,814	29,263	197.6
viii.	MOTOR SPRIT		9.32	"000" Liters.	191,902	125,766	152.6
ix.	JET FUEL		9.32	"000" Liters.	109,428	111,700	98.0
x.	LUBRICATING OIL		9.32	"000" Liters.	125,678	41,702	301.4
xi.	OTHERS		0.00	"000" Liters.	224,998	311,382	72.3
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	2,094,847	1,871,235	111.9
ii.	MOTOR TUBE		0.41	Nos.	193,614	448,126	43.2
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	4,265,527	1,181,879	360.9
<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	49,740	39,625	125.5
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	15,387	-	0.0
<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.	670,146	563,555	118.9
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	13,449	24,827	54.2
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	397,177	394,748	100.6
ii.	AIR-CONDITIONERS		0.60	Nos.	92,399	48,859	189.1
iii.	DEEP FREEZERS		0.50	Nos.	13,348	7,875	169.5
iv.	WASHING MACHINES		0.50	Nos.	263,924	194,584	135.6
v.	MICROWAVE OVEN		0.50	Nos.	338,074	262,909	128.6
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	2,407	2,781	86.6
ii.	BUSES		0.77	Nos.	443	422	105.0
iii.	LCV'S		2.50	Nos.	14,234	11,840	120.2
iv.	MOTOR CYCLES		2.06	Nos.	1,502,806	1,124,360	133.7
v.	TRACTORS		0.25	Nos.	35,883	24,437	146.8
vi.	CARS		0.50	Nos.	107,135	96,345	111.2
vii.	VANS & JEEPS		1.18	Nos.	8,410	3,447	244.0
viii.	THREE WHEELERS		1.18	Nos.	41,002	31,367	130.7
	<b>Grand Total</b>	<b>537</b>	<b>70.65</b>				

Table 5: Employment in Selected Large-Scale Manufacturing Sector, March-2021 Vs February -2021

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Mar:2021	Feb:2021	Mar:2021	Feb:2021
1	<u>VEGETABLE GHEE</u>	35	2,191	2,193	1,576	1,576
2	<u>SUGAR</u>	26	8,890	10,311	5,706	6,627
3	<u>TEA</u>	7	3,152	3,206	2,721	2,774
4	<u>BEVERAGES</u>	13	3,894	3,554	1,436	1,033
5	<u>COTTON TEXTILE</u>	133	53,447	53,028	40,824	40,721
6	<u>LEATHER TANNING</u>	30	6,597	6,597	5,541	5,527
7	<u>PAPER &amp; PAPER BOARD</u>	6	1,954	1,962	1,404	1,396
8	<u>PHARMACEUTICALS</u>	78	10,161	6,845	7,385	3,565
9	<u>ACID, ALKALIES &amp; SALT</u>	3	18	18	13	13
10	<u>FERTILIZER</u>	3	980	972	821	813
11	<u>PAINTS &amp; VARNISH</u>	9	103	103	50	50
12	<u>SOAP</u>	38	2,701	2,742	1,567	1,584
13	<u>PETROLEUM PRODUCTS</u>	2	429	429	333	332
14	<u>TYRES &amp; TUBES</u>	4	5,732	5,740	4,072	4,060
15	<u>CEMENT</u>	11	4,790	4,799	2,042	2,042
16	<u>STEEL PRODUCTS</u>	2	224	224	143	81
17	<u>M.S PRODUCTS</u>	28	1,082	1,082	844	972
18	<u>SAFETY RAZOR BLAD</u>	1	284	285	262	263
19	<u>SEWING MACHINES</u>	3	411	411	354	354
20	<u>ELEC. APPLIANCES</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	16,906	16,846	11,851	11,884
22	<u>STORAGE BATTERIES</u>	4	1,817	1,817	2,376	1,584
	<b>Grand Total</b>	<b>456</b>	<b>126,514</b>	<b>123,916</b>	<b>91,983</b>	<b>87,914</b>

Table 6: Employment in Selected Large-Scale Manufacturing Sector, March-2021 Vs March -2020

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Mar:2021	Mar:2020	Mar:2021	Mar:2020
1	<u>VEGETABLE GHEE</u>	35	2,191	2,258	1,576	1,574
2	<u>SUGAR</u>	26	8,890	10,511	5,706	6,251
3	<u>TEA</u>	7	3,152	3,129	2,721	2,667
4	<u>BEVERAGES</u>	13	3,894	3,638	1,436	1,547
5	<u>COTTON TEXTILE</u>	133	53,447	53,454	40,824	41,203
6	<u>LEATHER TANNING</u>	30	6,597	6,344	5,541	5,605
7	<u>PAPER &amp; PAPER BOARD</u>	6	1,954	2,238	1,404	1,596
8	<u>PHARMACEUTICALS</u>	78	11,804	6,266	7,407	3,660
9	<u>ACID, ALKALIES &amp; SALT</u>	3	18	34	13	22
10	<u>FERTILIZER</u>	3	980	986	821	821
11	<u>PAINTS &amp; VARNISH</u>	9	103	103	50	54
12	<u>SOAP</u>	38	2,701	2,084	1,567	1,734
13	<u>PETROLEUM PRODUCTS</u>	2	429	434	333	337
14	<u>TYRES &amp; TUBES</u>	4	5,732	5,604	4,072	4,044
15	<u>CEMENT</u>	11	4,790	4,387	2,042	1,872
16	<u>STEEL PRODUCTS</u>	2	224	9,149	143	6,191
17	<u>M.S PRODUCTS</u>	28	1,082	827	844	670
18	<u>SAFETY RAZOR BLAD</u>	1	284	288	262	251
19	<u>SEWING MACHINES</u>	3	411	410	354	354
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	16,906	14,877	11,851	6,865
22	<u>STORAGE BATTERIES</u>	4	1,817	2,116	2,376	1,652
	<b>Grand Total</b>	<b>456</b>	<b>128,157</b>	<b>129,886</b>	<b>92,005</b>	<b>89,634</b>

*Table 7: Average Monthly Employment in Selected Large Scale Manufacturing Sector,  
2020-21 (Jul to Mar) Vs 2019-20 (Jul to Mar)*

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Mar) 2020-21	(Jul-Mar) 2019-20	(Jul-Mar) 2020-21	(Jul-Mar) 2019-20
1	<u>VEGETABLE GHEE</u>	35	2,451	2,235	1,448	1,610
2	<u>SUGAR</u>	26	8,186	8,309	5,957	5,507
3	<u>TEA</u>	7	3,117	3,115	2,676	2,134
4	<u>BEVERAGES</u>	13	3,375	3,013	1,247	1,118
5	<u>COTTON TEXTILE</u>	133	53,415	54,362	41,017	42,252
6	<u>LEATHER TANNING</u>	30	6,675	6,550	5,597	5,557
7	<u>PAPER &amp; PAPER BOARD</u>	6	2,113	2,254	1,507	1,630
8	<u>PHARMACEUTICALS</u>	78	7,174	6,212	3,664	3,451
9	<u>ACID, ALKALIES &amp; SALT</u>	3	18	34	13	22
10	<u>FERTILIZER</u>	3	979	966	815	801
11	<u>PAINTS &amp; VARNISH</u>	9	104	106	51	56
12	<u>SOAP</u>	38	2,249	2,529	1,637	2,208
13	<u>PETROLEUM PRODUCTS</u>	2	431	434	333	340
14	<u>TYRES &amp; TUBES</u>	4	5,684	5,833	4,045	4,114
15	<u>CEMENT</u>	11	4,988	4,570	2,178	1,940
16	<u>STEEL PRODUCTS</u>	1	177	9,311	99	6,310
17	<u>M.S PRODUCTS</u>	28	1,081	827	875	670
18	<u>SAFETY RAZOR BLAD</u>	1	277	288	251	253
19	<u>SEWING MACHINES</u>	3	410	414	354	359
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	16,209	15,002	8,990	6,884
22	<u>STORAGE BATTERIES</u>	4	1,748	2,126	1,699	1,653
	<b>Grand Total</b>	<b>455</b>	<b>121,610</b>	<b>129,239</b>	<b>85,115</b>	<b>89,532</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

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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**

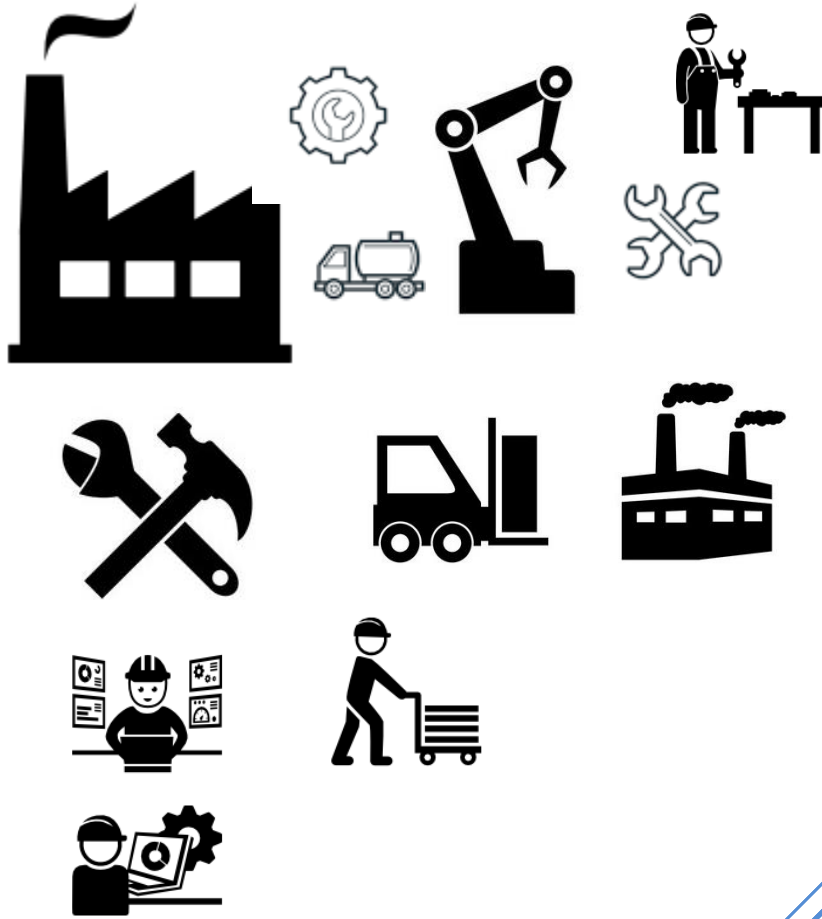
Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

- **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.
- Provincial Bureaus of Statistics, Punjab, KPK and Baluchistan.
- Research & Training Wing, Planning & Development Department, Government of Sindh.



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