

GOVERNMENT OF SINDH
PLANNING & DEVELOPMENT DEPARTMENT
BUREAU OF STATISTICS



April, 2021

Industries Section, BOS

MONTHLY SURVEY OF
INDUSTRIAL PRODUCTION
& EMPLOYEMENT
IN SINDH



FOR OFFICIAL USE ONLY

Sindh Monthly Survey of Industrial Production & Employment (MIPE)

April, 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

Contents

<i>Preface</i>	<i>II</i>
<i>Contents</i>	<i>III</i>
<i>List of Tables</i>	<i>IV</i>
<i>List of Figures</i>	<i>IV</i>
<i>List of Equations</i>	<i>IV</i>
<i>MIPE Team (Industries Section)</i>	<i>V</i>
<i>Introduction</i>	<i>1</i>
<i>1. Questionnaire/ Proforma</i>	<i>2</i>
<i>2. Methodology</i>	<i>2</i>
<i>3. Editing</i>	<i>2</i>
<i>4. Quantum Index of Manufacturing (QIM)</i>	<i>3</i>
<i>Analysis</i>	<i>4</i>
<i>Production and Employment Data</i>	<i>6</i>
<i>Annexure – A: Proforma/ Questionnaire</i>	<i>15</i>
<i>Annexure – B: Important Definitions</i>	<i>16</i>
<i>Annexure – C: Data Users</i>	<i>17</i>

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, APRIL-2021 VS MARCH-2021 _	6
TABLE 3: PRODUCTION OF SELECTED ITEMS PERTAINING TO LARGE-SCALE MANUFACTURING SECTOR, APRIL-2021 VS APRIL-2020 ____	8
TABLE 4: PRODUCTION OF SELECTED ITEMS PERTAINING TO LARGE-SCALE MANUFACTURING SECTOR, _____	10
TABLE 5: EMPLOYMENT IN SELECTED LARGE-SCALE MANUFACTURING SECTOR, APRIL-2021 VS MARCH -2021 _____	12
TABLE 6: EMPLOYMENT IN SELECTED LARGE-SCALE MANUFACTURING SECTOR, APRIL-2021 VS APRIL -2020 _____	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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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^{th} item during the current month

q_{i0} = Average Production of the same i^{th} item in the base period (2005-06)

w_i = Weight of the i^{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 April, 2021 is significantly decreased by 8.35% as compared to last month (i.e. March, 2021). This decline may be the cause of seasonal impact like Ramadan and the impact of COVID-19 third wave.
- Overall Production in April, 2021 is considerably increased by 82.1% as compared to corresponding month of last year (i.e. April, 2020). Last year's production down significantly due to complete lock down in province. Because exactly in this period of last year (i.e. 2020) the situation of COVID was quite severe and industrial activity was completely closed except food related industries.
- Cumulative production from July to April (2020-21) is increased by 16.83% as compared to the period of July to April (2019-20)
- Employment during April, 2021 is increased by 3.1% as compared to previous month (i.e. February, 2021).
- Employment during April, 2021 reported 14.9% which is significantly high in comparison with April, 2020.
- Average monthly employment during the period of July-April (2020-21) is 4.05% lower than the corresponding period of July-April (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
July	255.7	284.0	327.0	290.8	259.7	294.2
August	266.0	287.7	336.4	265.5	220.9	238.5
September	274.2	281.5	330.9	311.3	266.7	295.4
October	247.0	291.4	355.7	287.0	277.0	315.6
November	283.7	317.1	343.2	273.3	280.3	320.5
December	261.7	302.8	341.5	265.2	223.7	350.6
January	297.4	286.1	374.0	321.3	263.8	347.2
February	293.2	283.3	324.5	309.0	313.2	336.1
March	253.9	275.6	341.4	279.7	258.2	337.1
April	250.6	276.8	338.5	258.2	172.1	308.9
May	254.4	283.9	311.3	248.2	199.8	
June	259.0	258.1	307.4	257.6	324.9	
Average (Geometric Mean)	265.9	285.4	335.5	279.7	251.3	

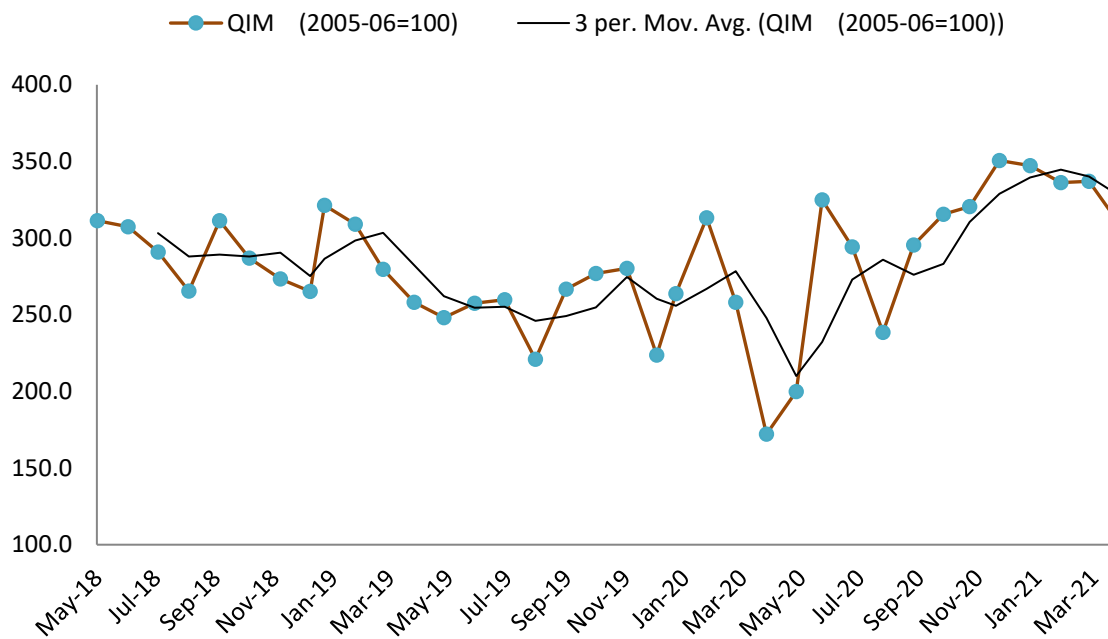


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

In this month, mostly items showed reduction in production of Large Manufacturing industries compared with previous month, in this period third wave of COVID-19 affected many industrial activities. Along with the value of QIM decreased due to seasonal production of sugar and cotton ginning. Some increase observed in soap and electrical appliances sector.

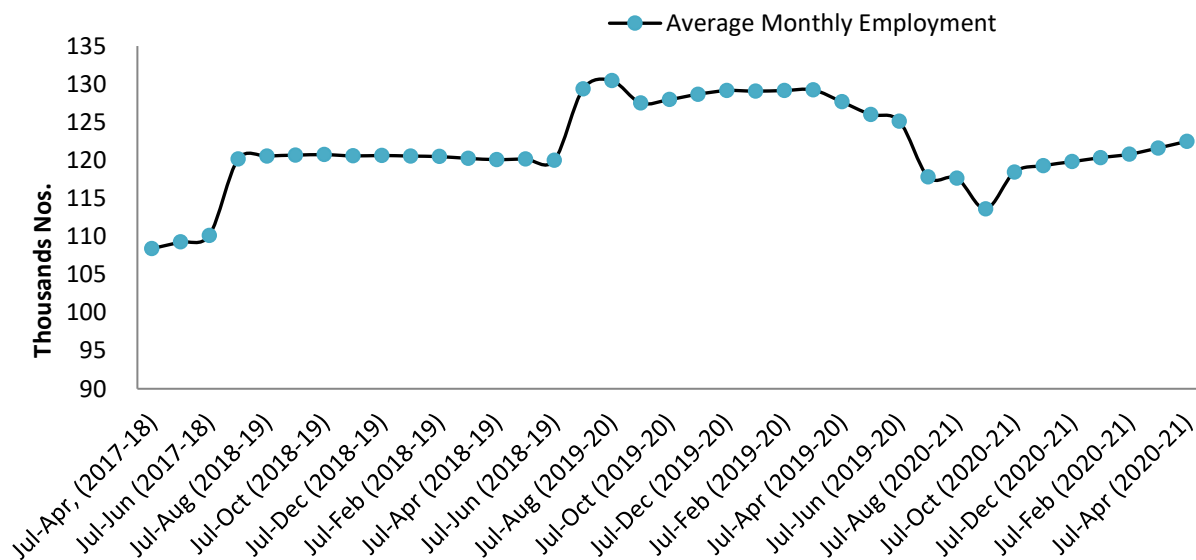


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

The employment of last six months is showing a steady 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, April-2021 Vs March-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 April:2021 with March: 2021
					April:2021	March:2021	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	35,295	33,945	104.0
ii.	COOKING OIL		0.50	M.Tons	17,800	17,248	103.2
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	-	41,317	0.0
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	4,297	4,611	93.2
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	89,861	92,045	97.6
ii.	WATER*		0.85	"000" NOs.	18,778	14,508	129.4
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	16,418	17,199	95.5
ii.	COTTON FABRICS		4.13	"000" Sq. M	22,365	20,916	106.9
iii.	M.M.YARN		0.42	M.Tons	1,790	1,760	101.7
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	826	928	89.0
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	81	95	85.3
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	-	-	
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	274	405	67.6
ii.	WRITTEN PAPER		0.01	M.Tons	440	448	98.3
iii.	PACKING & OTHER PAPER		0.01	M.Tons	1,888	2,104	89.7
iv.	ADVERTISING MATERIAL		0.01	M.Tons	31	32	95.9
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,095,499	2,153,992	97.3
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	8,697	10,486	82.9
iii.	CAPSULES		1.36	"000" NOs.	393,259	401,285	98.0
iv.	INJECTIONS		1.22	"000" NOs.	117,703	129,344	91.0
v.	OINTMENT		0.15	KGs.	220,170	198,536	110.9
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,512	2,653	94.7
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	218,041	227,511	95.8
ii.	AMONIA		3.50	M.Tons	46,808	50,875	92.0
iii.	DAP		3.50	M.Tons	70,846	66,103	107.2
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	76	84	90.5
ii.	VARNISH		0.32	"000" Liters.	273	298	91.6
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	5,717	5,375	106.4
ii.	DETERGENT POWDER		1.66	M.Tons	14,185	14,288	99.3
iii.	TOILET SOAP		1.66	M.Tons	1,908	1,593	119.8
iv.	TOOTH PASTE		1.66	M.Tons	977	882	110.8

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 April:2021 with March: 2021
					April:2021	March:2021	
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	1,887	2,194	86.0
ii.	NAPTHA SOLVENT		9.32	"000" Liters.	19,058	18,445	103.3
iii.	KEROSENE OIL		9.32	"000" Liters.	462	10	4620.0
iv.	H.S.D		9.32	"000" Liters.	98,236	145,817	67.4
v.	FURNACE OIL		9.32	"000" Liters.	47,027	59,579	78.9
vi.	ASPHALT 80-100		9.32	"000" Liters.	1,061	2,423	43.8
vii.	ASPHALT 60-70		9.32	"000" Liters.	12,060	16,278	74.1
viii	.						
.	MOTOR SPRIT		9.32	"000" Liters.	22,507	23,425	96.1
ix.	JET FUEL		9.32	"000" Liters.	8,467	12,612	67.1
x.	LUBRICATING OIL		9.32	"000" Liters.	15,450	17,032	90.7
xi.	OTHERS		0.00	"000" Liters.	20,116	25,416	79.2
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	233,191	262,491	88.8
ii.	MOTOR TUBE		0.41	Nos.	31,662	18,367	172.4
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	484,906	505,798	95.9
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	6,429	3,417	188.1
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	1,590	2,489	63.9
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	81,494	75,009	108.6
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	1,483	1,698	87.3
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	62,108	56,825	109.3
ii.	AIR-CONDITIONERS		0.60	Nos.	22,604	10,378	217.8
iii.	DEEP FREEZERS		0.50	Nos.	4,837	2,506	193.0
iv.	WASHING MACHINES		0.50	Nos.	21,146	22,714	93.1
v.	MICROWAVE OVEN		0.50	Nos.	52,293	21,000	249.0
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	293	488	60.0
ii.	BUSES		0.77	Nos.	37	60	61.7
iii.	LCV'S		2.50	Nos.	1,613	2,198	73.4
iv.	MOTOR CYCLES		2.06	Nos.	144,259	169,367	85.2
v.	TRACTORS		0.25	Nos.	4,674	5,454	85.7
vi.	CARS		0.50	Nos.	14,416	17,442	82.7
vii.	VANS & JEEPS		1.18	Nos.	1,131	1,739	65.0
viii	THREE WHEELERS		1.18	Nos.	2,931	3,724	78.7
	Grand Total	537	70.65				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, April-2021 Vs April-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 April:2021 with April:2020
					April:2021	April:2020	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	35,295	36,009	98.0
ii.	COOKING OIL		0.50	M.Tons	17,800	16,761	106.2
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	-	5,287	0.0
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	4,297	3,881	110.7
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	89,861	106,473	84.4
ii.	WATER		0.85	"000" NOs.	18,778	15,680	119.8
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	16,418	14,367	114.3
ii.	COTTON FABRICS		4.13	"000" Sq. M	22,365	10,207	219.1
iii.	M.M.YARN		0.42	M.Tons	1,790	338	529.6
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	826	-	
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	81	-	
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	-	-	
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	274	377	72.7
ii.	WRITTEN PAPER		0.01	M.Tons	440	103	427.6
iii.	PACKING & OTHER PAPER		0.01	M.Tons	1,888	1,233	153.1
iv.	ADVERTISING MATERIAL		0.01	M.Tons	31	21	146.2
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,095,499	2,120,223	98.8
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	8,697	7,515	115.7
iii.	CAPSULES		1.36	"000" NOs.	393,259	329,814	119.2
iv.	INJECTIONS		1.22	"000" NOs.	117,703	115,236	102.1
v.	OINTMENT		0.15	KGs.	220,170	238,811	92.2
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,512	1,124	223.5
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	218,041	238,958	91.2
ii.	AMONIA		3.50	M.Tons	46,808	45,592	102.7
iii.	DAP*		3.50	M.Tons	70,846	41,356	171.3
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	76	-	
ii.	VARNISH		0.32	"000" Liters.	273	-	
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	5,717	6,485	88.2
ii.	DETERGENT POWDER		1.66	M.Tons	14,185	14,464	98.1
iii.	TOILET SOAP		1.66	M.Tons	1,908	1,978	96.5
iv.	TOOTH PASTE		1.66	M.Tons	977	940	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 April:2021 with April:2020
					April:2021	April:2020	
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	1,887	2,286	82.5
ii.	NAPTHA SOLVENT		9.32	"000" Liters.	19,058	888	2146.2
iii.	KEROSENE OIL		9.32	"000" Liters.	462	-	
iv.	H.S.D		9.32	"000" Liters.	98,236	90,971	108.0
v.	FURNACE OIL		9.32	"000" Liters.	47,027	24,637	190.9
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	-	
vii.	ASPHALT 60-70		9.32	"000" Liters.	12,060	6,612	182.4
viii							
.	MOTOR SPRIT		9.32	"000" Liters.	22,507	21,275	105.8
ix.	JET FUEL		9.32	"000" Liters.	8,467	4,378	193.4
x.	LUBRICATING OIL		9.32	"000" Liters.	15,450	10,024	154.1
xi.	OTHERS		0.00	"000" Liters.	20,116	16,490	122.0
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	233,191	-	
ii.	MOTOR TUBE		0.41	Nos.	31,662	-	
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	484,906	196,440	246.8
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	6,429	3,987	161.2
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	1590		
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	81,494	-	
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	1,483	-	
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	62,108	-	
ii.	AIR-CONDITIONERS		0.60	Nos.	22,604	-	
iii.	DEEP FREEZERS		0.50	Nos.	4,837	-	
iv.	WASHING MACHINES		0.50	Nos.	21,146	-	
v.	MICROWAVE OVEN		0.50	Nos.	52,293	-	
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	293	-	
ii.	BUSES		0.77	Nos.	37	-	
iii.	LCV'S		2.50	Nos.	1,613	-	
iv.	MOTOR CYCLES		2.06	Nos.	144,259	-	
v.	TRACTORS		0.25	Nos.	4,674	1,742	268.3
vi.	CARS		0.50	Nos.	14,416	-	
vii.	VANS & JEEPS		1.18	Nos.	1,131	-	
viii	THREE WHEELERS		1.18	Nos.	2,931	-	
	Grand Total	537	70.65				

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

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-Apr) with 2019-20 (Jul-Apr)
					2020-21 (Jul-Apr)	2019-20 (Jul-Apr)	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	350,511	342,367	102.4
ii.	COOKING OIL		0.50	M.Tons	157,800	157,839	100.0
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	1,239,756	1,415,303	87.6
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	42,289	44,711	94.6
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	908,839	880,132	103.3
ii.	WATER		0.85	"000" NOs.	165,951	154,829	107.2
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	190,904	176,530	108.1
ii.	COTTON FABRICS		4.13	"000" Sq. M	192,937	107,393	179.7
iii.	M.M.YARN		0.42	M.Tons	13,490	8,259	163.3
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	7,897	10,140	77.9
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	875	928	94.3
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	4,429,107	3,472,114	127.6
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	3,104	3,757	82.6
ii.	WRITTEN PAPER		0.01	M.Tons	2,543	2,767	91.9
iii.	PACKING & OTHER PAPER		0.01	M.Tons	17,499	15,408	113.6
iv.	ADVERTISING MATERIAL		0.01	M.Tons	262	235	111.4
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	19,972,888	20,621,153	96.9
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	80,675	65,714	122.8
iii.	CAPSULES		1.36	"000" NOs.	3,583,064	2,786,901	128.6
iv.	INJECTIONS		1.22	"000" NOs.	1,219,566	947,203	128.8
v.	OINTMENT		0.15	KGs.	2,057,708	2,247,329	91.6
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	21,555	22,603	95.4
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	2,225,110	2,281,071	97.5
ii.	AMONIA		3.50	M.Tons	367,990	542,114	67.9
iii.	DAP		3.50	M.Tons	616,715	590,376	104.5
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	777	1,018	76.3
ii.	VARNISH		0.32	"000" Liters.	2,631	3,755	70.1
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	60,131	49,811	120.7
ii.	DETERGENT POWDER		1.66	M.Tons	143,272	142,370	100.6
iii.	TOILET SOAP		1.66	M.Tons	18,395	19,023	96.7
iv.	TOOTH PASTE		1.66	M.Tons	8,942	7,757	115.3

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-Apr) with 2019-20 (Jul-Apr)
					2020-21 (Jul-Apr)	2019-20 (Jul-Apr)	
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	19,943	20,400	97.8
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	177,175	205,214	86.3
iii.	KEROSENE OIL		9.32	"000" Liters.	2,491	8,426	29.6
iv.	H.S.D		9.32	"000" Liters.	1,250,895	1,039,200	120.4
v.	FURNACE OIL		9.32	"000" Liters.	518,629	552,525	93.9
vi.	ASPHALT 80-100		9.32	"000" Liters.	8,401	114,861	7.3
vii.	ASPHALT 60-70		9.32	"000" Liters.	69,873	35,875	194.8
viii.	MOTOR SPRIT		9.32	"000" Liters.	214,409	147,041	145.8
ix.	JET FUEL		9.32	"000" Liters.	117,895	116,078	101.6
x.	LUBRICATING OIL		9.32	"000" Liters.	141,128	51,726	272.8
xi.	OTHERS		0.00	"000" Liters.	245,114	327,872	74.8
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	2,328,038	1,871,235	124.4
ii.	MOTOR TUBE		0.41	Nos.	225,276	448,126	50.3
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	4,750,433	1,378,319	344.7
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	56,169	43,612	128.8
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	16,977	-	
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	751,640	563,555	133.4
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	14,932	24,827	60.1
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	459,285	394,748	116.3
ii.	AIR-CONDITIONERS		0.60	Nos.	115,003	48,859	235.4
iii.	DEEP FREEZERS		0.50	Nos.	18,185	7,875	230.9
iv.	WASHING MACHINES		0.50	Nos.	285,070	194,584	146.5
v.	MICROWAVE OVEN		0.50	Nos.	390,367	262,909	148.5
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	2,700	2,781	97.1
ii.	BUSES		0.77	Nos.	480	422	113.7
iii.	LCV'S		2.50	Nos.	15,847	11,840	133.8
iv.	MOTOR CYCLES		2.06	Nos.	1,647,065	1,124,360	146.5
v.	TRACTORS		0.25	Nos.	40,557	26,179	154.9
vi.	CARS		0.50	Nos.	121,551	96,345	126.2
vii.	VANS & JEEPS		1.18	Nos.	9,541	3,447	276.8
viii.	THREE WHEELERS		1.18	Nos.	43,933	31,367	140.1
	Grand Total	537	70.65				

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Apr:2021	Mar:2021	Apr:2021	Mar:2021
1	<u>VEGETABLE GHEE</u>	35	2,202	2,191	1,581	1,576
2	<u>SUGAR</u>	26	8,869	8,890	5,688	5,706
3	<u>TEA</u>	7	3,120	3,152	2,688	2,721
4	<u>BEVERAGES</u>	13	3,853	3,894	1,447	1,436
5	<u>COTTON TEXTILE</u>	133	53,463	53,447	40,821	40,824
6	<u>LEATHER TANNING</u>	30	6,594	6,597	5,539	5,541
7	<u>PAPER & PAPER BOARD</u>	6	1,938	1,954	1,390	1,404
8	<u>PHARMACEUTICALS</u>	78	14,250	10,161	4,876	7,385
9	<u>ACID, ALKALIES & SALT</u>	3	18	18	13	13
10	<u>FERTILIZER</u>	3	980	980	821	821
11	<u>PAINTS & VARNISH</u>	9	103	103	50	50
12	<u>SOAP</u>	38	2,416	2,701	1,584	1,567
13	<u>PETROLEUM PRODUCTS</u>	2	430	429	334	333
14	<u>TYRES & TUBES</u>	4	5,764	5,732	4,080	4,072
15	<u>CEMENT</u>	11	4,795	4,790	2,042	2,042
16	<u>STEEL PRODUCTS</u>	2	278	224	107	143
17	<u>M.S PRODUCTS</u>	28	1,082	1,082	844	844
18	<u>SAFETY RAZOR BLAD</u>	1	284	284	262	262
19	<u>SEWING MACHINES</u>	3	411	411	354	354
20	<u>ELEC. APPLIANCES</u>	3	676	750	536	663
21	<u>AUTOMOBILE</u>	17	17,156	16,906	12,202	11,851
22	<u>STORAGE BATTERIES</u>	4	1,817	1,817	1,619	2,376
	Grand Total	456	130,498	126,514	88,877	91,983

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Apr:2021	Apr:2020	Apr:2021	Apr:2020
1	<u>VEGETABLE GHEE</u>	35	2,202	2,258	1,581	1,574
2	<u>SUGAR</u>	26	8,869	10,511	5,688	5,779
3	<u>TEA</u>	7	3,120	3,094	2,688	2,632
4	<u>BEVERAGES</u>	13	3,853	3,598	1,447	1,537
5	<u>COTTON TEXTILE</u>	133	53,463	53,388	40,821	41,195
6	<u>LEATHER TANNING</u>	30	6,594	6,344	5,539	5,605
7	<u>PAPER & PAPER BOARD</u>	6	1,938	2,238	1,390	1,594
8	<u>PHARMACEUTICALS</u>	78	14,250	6,269	4,876	3,660
9	<u>ACID, ALKALIES & SALT</u>	3	18	34	13	22
10	<u>FERTILIZER</u>	3	980	986	821	821
11	<u>PAINTS & VARNISH</u>	9	103	103	50	54
12	<u>SOAP</u>	38	2,416	2,071	1,584	1,724
13	<u>PETROLEUM PRODUCTS</u>	2	430	435	334	338
14	<u>TYRES & TUBES</u>	4	5,764	-	4,080	-
15	<u>CEMENT</u>	11	4,795	4,378	2,042	1,868
16	<u>STEEL PRODUCTS</u>	2	278	-	107	-
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	-	354	-
20	<u>ELECTRICAL APPARATUS</u>	3	676	-	536	-
21	<u>AUTOMOBILE</u>	17	17,156	14,877	12,202	6,825
22	<u>STORAGE BATTERIES</u>	4	1,817	1,809	1,619	1,600
	Grand Total	456	130,498	113,507	88,877	77,748

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Apr) 2020-21	(Jul-Apr) 2019-20	(Jul-Apr) 2020-21	(Jul-Apr) 2019-20
1	<u>VEGETABLE GHEE</u>	35	2,426	2,237	1,462	1,606
2	<u>SUGAR</u>	26	8,254	8,529	5,930	5,534
3	<u>TEA</u>	7	3,117	3,113	2,677	2,184
4	<u>BEVERAGES</u>	13	3,418	3,071	1,267	1,160
5	<u>COTTON TEXTILE</u>	133	53,420	54,265	40,998	42,146
6	<u>LEATHER TANNING</u>	30	6,667	6,530	5,591	5,562
7	<u>PAPER & PAPER BOARD</u>	6	2,096	2,252	1,496	1,627
8	<u>PHARMACEUTICALS</u>	78	7,882	6,218	3,785	3,472
9	<u>ACID, ALKALIES & SALT</u>	3	18	34	13	22
10	<u>FERTILIZER</u>	3	979	968	815	803
11	<u>PAINTS & VARNISH</u>	9	104	105	51	56
12	<u>SOAP</u>	38	2,266	2,483	1,632	2,159
13	<u>PETROLEUM PRODUCTS</u>	2	431	434	333	339
14	<u>TYRES & TUBES</u>	4	5,692	5,250	4,049	3,703
15	<u>CEMENT</u>	11	4,968	4,551	2,164	1,932
16	<u>STEEL PRODUCTS</u>	1	187	8,380	100	5,679
17	<u>M.S PRODUCTS</u>	28	1,082	827	872	670
18	<u>SAFETY RAZOR BLAD</u>	1	278	288	252	253
19	<u>SEWING MACHINES</u>	3	410	373	354	323
20	<u>ELECTRICAL APPARATUS</u>	3	743	675	650	597
21	<u>AUTOMOBILE</u>	17	16,304	14,989	9,311	6,878
22	<u>STORAGE BATTERIES</u>	4	1,755	2,094	1,691	1,648
	Grand Total	455	122,495	127,666	85,491	88,354

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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