

MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH



August, 2020

Industries Section, BOS



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

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Sindh Monthly Survey of Industrial Production & Employment (MIPE)

August, 2020



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 61 items manufactured in 22 selected large scale industrial sectors covering 535 industrial establishments (selection on the basis of CMI 2005-06). These industries account for 69.6% 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.

Shahzad Fazal Abbasi
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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 61 items manufactured in 22 large scale Industrial sectors from 535 establishments/ factories in Sindh. The sample of 535 firms was drawn from the last Census of Manufacturing Industries (CMI), 2005-06 and these industries account for 69.6% 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 535 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 August, 2020 is significantly decreased by 18.94% as compared to last (i.e. month July, 2020)
- Overall Production in August, 2020 is also decreased by 8% as compared to corresponding month of last year (i.e. August, 2019)
- Cumulative production from July to August (2020-21) is decreased 9.09% than the cumulative production of July-August (2019-20)
- Employment during August, 2020 is almost same as previous month (i.e. July, 2020).
- Employment during August, 2020 is almost 10% lower than August, 2019.
- Average monthly employment during the period of July-August (2020-20) is 9.8% lower as compared to the corresponding period of July-August (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	
October	247.0	291.4	355.7	287.0	277.0	
November	283.7	317.1	343.2	273.3	280.3	
December	261.7	302.8	341.5	265.2	223.7	
January	297.4	286.1	374.0	321.3	263.8	
February	293.2	283.3	324.5	309.0	313.2	
March	253.9	275.6	341.4	279.7	258.2	
April	250.6	276.8	338.5	258.2	172.1	
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	

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, August-2020 Vs July-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 Aug:2020 with July: 2020
					Aug:2020	July:2020	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	34,816	34,927	99.7
ii.	COOKING OIL		0.50	M.Tons	15,706	15,109	104.0
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	-	-	
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	3,773	3,849	98.0
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	92,863	99,285	93.5
ii.	WATER		0.85	"000" NOs.	15,277	18,338	83.3
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	17,770	18,485	96.1
ii.	COTTON FABRICS		4.13	"000" Sq. M	15,965	17,322	92.2
iii.	M.M.YARN		0.42	M.Tons	687	438	156.8
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	422	603	70.0
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	77	61	126.2
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	253	253	100.0
ii.	WRITTEN PAPER		0.01	M.Tons	207	-	
iii.	PACKAGING & OTHER PAPER		0.01	M.Tons	1,289	1,531	84.2
iv.	ADVERTISING MATERIAL		0.01	M.Tons	17	23	73.9
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	1,823,005	2,025,943	90.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	4,574	6,774	67.5
iii.	CAPSULES		1.36	"000" NOs.	260,057	276,762	94.0
iv.	INJECTIONS		1.22	"000" NOs.	98,594	124,473	79.2
v.	OINTMENT		0.15	KGs.	204,477	221,431	92.3
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,001	2,506	79.8
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	229,284	233,684	98.1
ii.	AMONIA		3.50	M.Tons	44,386	43,597	101.8
iii.	DAP		3.50	M.Tons	73,225	74,982	97.7
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	63	61	103.3
ii.	VARNISH		0.32	"000" Liters.	278	209	133.0

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 Aug:2020 with July: 2020
					Aug:2020	July:2020	
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	6,976	5,870	118.8
ii.	DETERGENT POWDER		1.66	M.Tons	11,830	14,525	81.4
iii.	TOILET SOAP		1.66	M.Tons	1,941	1,798	108.0
iv.	TOOTH PASTE		1.66	M.Tons	726	803	90.4
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	1,534	892	172.0
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	12,212	16,431	74.3
iii.	KEROSENE OIL		9.32	"000" Liters.	-	550	0.0
iv.	H.S.D		9.32	"000" Liters.	126,816	127,948	99.1
v.	FURNACE OIL		9.32	"000" Liters.	47,350	46,192	102.5
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	590	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	2,055	4,575	44.9
viii.	MOTOR SPRIT		9.32	"000" Liters.	20,508	24,017	85.4
ix.	JET FUEL		9.32	"000" Liters.	9,179	9,640	95.2
x.	LUBRICATING OIL		9.32	"000" Liters.	4,025	6,308	63.8
xi.	OTHERS		0.00	"000" Liters.	972	1,609	60.4
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	162,874	208,387	78.2
ii.	MOTOR TUBE		0.41	Nos.	17,811	17,784	100.2
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	280,696	460,709	60.9
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	8,212	7,604	108.0
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOS.	63,960	59,519	107.5
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	1,430	1,515	94.4
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	34,723	40,630	85.5
ii.	AIR-CONDITIONERS		0.60	Nos.	10,148	13,325	76.2
iii.	DEEP FREEZERS		0.50	Nos.	1,930	4,206	45.9
iv.	WASHING MACHINES		0.50	Nos.	20,277	25,878	78.4
v.	MICROWAVE OVEN		0.50	Nos.	26,372	29,556	89.2
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	284	245	115.9
ii.	BUSES		0.77	Nos.	29	49	59.2
iii.	LCV'S		2.50	Nos.	1,138	1,312	86.7
iv.	MOTOR CYCLES		2.06	Nos.	135,812	242,025	56.1
v.	TRACTORS		0.25	Nos.	3,355	3,317	101.1
vi.	CARS		0.50	Nos.	7,177	8,280	86.7
vii.	VANS & JEEPS		1.18	Nos.	512	385	133.0
viii.	THREE WHEELERS		1.18	Nos.	4,443	5,049	88.0
	Grand Total	535	69.63				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, August-2020 Vs August -2019

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 Aug:2020 with Aug:2019
					Aug:2020	Aug:2019	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	34,816	35,255	98.8
ii.	COOKING OIL		0.50	M.Tons	15,706	15,091	104.1
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	-	-	
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	3,773	4,539	83.1
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	92,863	78,543	118.2
ii.	WATER		0.85	"000" NOs.	15,277	17,970	
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	17,770	19,168	92.7
ii.	COTTON FABRICS		4.13	"000" Sq. M	15,965	12,215	130.7
iii.	M.M.YARN		0.42	M.Tons	687	1,184	58.0
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	422	1,051	40.2
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	77	109	70.6
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	253	375	67.5
ii.	WRITTEN PAPER		0.01	M.Tons	207	160	129.4
iii.	PACKAGING & OTHER PAPER		0.01	M.Tons	1,289	1,549	83.2
iv.	ADVERTISING MATERIAL		0.01	M.Tons	17	22	77.3
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	1,823,005	2,020,752	90.2
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	4,574	4,607	99.3
iii.	CAPSULS		1.36	"000" NOs.	260,057	237,526	109.5
iv.	INJECTIONS		1.22	"000" NOs.	98,594	76,700	128.5
v.	OINTMENT		0.15	KGs.	204,477	212,437	96.3
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,001	2,715	73.7
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	229,284	237,110	96.7
ii.	AMONIA		3.50	M.Tons	44,386	45,947	96.6
iii.	DAP		3.50	M.Tons	73,225	74,860	97.8
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	63	119	52.9
ii.	VARNISH		0.32	"000" Liters.	278	469	59.3

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 Aug:2020 with Aug:2019
					Aug:2020	Aug:2019	
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	6,976	3,957	176.3
ii.	DETERGENT POWDER		1.66	M.Tons	11,830	13,041	90.7
iii.	TOILET SOAP		1.66	M.Tons	1,941	1,941	100.0
iv.	TOOTH PASTE		1.66	M.Tons	726	621	116.9
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	1,534	1,875	81.8
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	12,212	21,789	56.0
iii.	KEROSENE OIL		9.32	"000" Liters.	-	1,030	0.0
iv.	H.S.D		9.32	"000" Liters.	126,816	82,820	153.1
v.	FURNACE OIL		9.32	"000" Liters.	47,350	66,513	71.2
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	550	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	2,055	971	211.6
viii.	MOTOR SPRIT		9.32	"000" Liters.	20,508	21,951	93.4
ix.	JET FUEL		9.32	"000" Liters.	9,179	7,650	120.0
x.	LUBRICATING OIL		9.32	"000" Liters.	4,025	-	
xi.	OTHERS		0.00	"000" Liters.	972	25,309	3.8
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	162,874	180,112	90.4
ii.	MOTOR TUBE		0.41	Nos.	17,811	41,202	43.2
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	280,696	94,571	296.8
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	8,212	4,400	186.6
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	63,960	73,265	87.3
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	1,430	2,950	48.5
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	34,723	55,390	62.7
ii.	AIR-CONDITIONERS		0.60	Nos.	10,148	5,577	182.0
iii.	DEEP FREEZERS		0.50	Nos.	1,930	1,943	99.3
iv.	WASHING MACHINES		0.50	Nos.	20,277	13,876	146.1
v.	MICROWAVE OVEN		0.50	Nos.	26,372	28,687	91.9
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	284	219	129.7
ii.	BUSES		0.77	Nos.	29	61	47.5
iii.	LCV'S		2.50	Nos.	1,138	2,057	55.3
iv.	MOTOR CYCLES		2.06	Nos.	135,812	94,229	144.1
v.	TRACTORS		0.25	Nos.	3,355	2,762	121.5
vi.	CARS		0.50	Nos.	7,177	10,636	67.5
vii.	VANS & JEEPS		1.18	Nos.	512	263	194.7
viii.	THREE WHEELERS		1.18	Nos.	4,443	3,121	142.4
Grand Total		535	69.63				

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

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 2019-20 (Jul-Aug) with 2018-19 (Jul-Aug)
					2020-21 (Jul-Aug)	2019-20 (Jul-Aug)	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	69,743	70,049	99.6
ii.	COOKING OIL		0.50	M.Tons	30,815	27,898	110.5
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	-	-	
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	7,622	9,769	78.0
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	192,148	146,185	131.4
ii.	WATER		0.85	"000" NOs.	33,615	37,494	
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	36,255	39,174	92.5
ii.	COTTON FABRICS		4.13	"000" Sq. M	33,287	24,368	136.6
iii.	M.M.YARN		0.42	M.Tons	1,125	2,312	48.7
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	1,025	2,093	49.0
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	138	214	64.5
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	506	701	72.2
ii.	WRITTEN PAPER		0.01	M.Tons	207	451	45.9
iii.	PACKAGING & OTHER PAPER		0.01	M.Tons	2,820	2,731	103.3
iv.	ADVERTISING MATERIAL		0.01	M.Tons	40	40	
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	3,848,948	3,962,746	97.1
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	11,348	9,403	120.7
iii.	CAPSULES		1.36	"000" NOs.	536,819	482,251	111.3
iv.	INJECTIONS		1.22	"000" NOs.	223,067	152,711	146.1
v.	OINTMENT		0.15	KGs.	425,908	420,018	101.4
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	4,507	5,528	81.5
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	462,968	471,968	98.1
ii.	AMONIA		3.50	M.Tons	87,983	94,158	93.4
iii.	DAP		3.50	M.Tons	148,207	151,455	
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	124	234	53.0
ii.	VARNISH		0.32	"000" Liters.	487	777	62.7

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 2019-20 (Jul-Aug) with 2018-19 (Jul-Aug)
					2020-21 (Jul-Aug)	2019-20 (Jul-Aug)	
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	12,846	8,595	149.5
ii.	DETERGENT POWDER		1.66	M.Tons	26,355	27,368	96.3
iii.	TOILET SOAP		1.66	M.Tons	3,738	4,050	92.3
iv.	TOOTH PASTE		1.66	M.Tons	1,529	1,226	
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,426	4,861	49.9
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	28,644	39,946	71.7
iii.	KEROSENE OIL		9.32	"000" Liters.	550	1,030	53.4
iv.	H.S.D		9.32	"000" Liters.	254,764	220,907	115.3
v.	FURNACE OIL		9.32	"000" Liters.	93,543	156,289	59.9
vi.	ASPHALT 80-100		9.32	"000" Liters.	590	69,236	0.9
vii.	ASPHALT 60-70		9.32	"000" Liters.	6,630	7,413	89.4
viii.	MOTOR SPRIT		9.32	"000" Liters.	44,525	23,037	193.3
ix.	JET FUEL		9.32	"000" Liters.	18,819	31,136	60.4
x.	LUBRICATING OIL		9.32	"000" Liters.	10,332	7,650	135.1
xi.	OTHERS		0.00	"000" Liters.	2,581	51,288	5.0
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	371,261	435,861	85.2
ii.	MOTOR TUBE		0.41	Nos.	35,595	108,812	32.7
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	741,405	211,130	351.2
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	15,816	8,944	176.8
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	123,479	146,530	84.3
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	2,945	6,160	47.8
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	75,353	119,994	62.8
ii.	AIR-CONDITIONERS		0.60	Nos.	23,473	13,494	174.0
iii.	DEEP FREEZERS		0.50	Nos.	6,136	3,886	157.9
iv.	WASHING MACHINES		0.50	Nos.	46,155	37,841	122.0
v.	MICROWAVE OVEN		0.50	Nos.	55,928	65,547	
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	529	566	93.5
ii.	BUSES		0.77	Nos.	78	122	63.9
iii.	LCV'S		2.50	Nos.	2,450	4,023	60.9
iv.	MOTOR CYCLES		2.06	Nos.	377,837	207,719	181.9
v.	TRACTORS		0.25	Nos.	6,672	5,573	119.7
vi.	CARS		0.50	Nos.	15,457	27,108	57.0
vii.	VANS & JEEPS		1.18	Nos.	897	770	116.5
viii.	THREE WHEELERS		1.18	Nos.	9,334	4,836	193.0
	Grand Total	535	69.63				

Table 5: Employment in Selected Large-Scale Manufacturing Sector, August-2020 Vs July-2020

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Aug:2020	July:2020	Aug:2020	July:2020
1	<u>VEGETABLE GHEE</u>	35	2,679	2,723	1,245	1,287
2	<u>SUGAR</u>	26	5,714	5,575	5,197	5,201
3	<u>TEA</u>	7	3,134	3,092	2,679	2,634
4	<u>BEVERAGES</u>	13	3,113	3,122	1,152	1,033
5	<u>COTTON TEXTILE</u>	133	53,171	53,287	40,981	41,118
6	<u>LEATHER TANNING</u>	30	6,721	6,779	5,627	5,669
7	<u>PAPER & PAPER BOARD</u>	6	2,196	2,142	1,548	1,524
8	<u>PHARMACEUTICALS</u>	78	6,256	6,263	3,032	3,034
9	<u>ACID, ALKALIES & SALT</u>	3	18	18	13	13
10	<u>FERTILIZER</u>	3	984	986	821	800
11	<u>PAINTS & VARNISH</u>	9	106	106	50	57
12	<u>SOAP</u>	38	1,993	2,066	1,659	1,720
13	<u>PETROLEUM PRODUCTS</u>	2	437	436	338	337
14	<u>TYRES & TUBES</u>	4	5,652	5,680	4,020	4,040
15	<u>CEMENT</u>	11	5,201	5,209	2,328	2,330
16	<u>STEEL PRODUCTS</u>	1	-	-	-	-
17	<u>M.S PRODUCTS</u>	28	1,091	1,048	857	779
18	<u>SAFETY RAZOR BLAD</u>	1	288	288	246	247
19	<u>SEWING MACHINES</u>	3	410	410	354	354
20	<u>ELEC. APPLIANCES</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	15,956	15,956	7,610	7,610
22	<u>STORAGE BATTERIES</u>	4	1,648	1,867	1,645	1,645
	Grand Total	455	117,518	117,800	82,063	82,096

Table 6: Employment in Selected Large-Scale Manufacturing Sector, August-2020 Vs August-2019

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Aug:2020	Aug:2019	Aug:2020	Aug:2019
1	<u>VEGETABLE GHEE</u>	35	2,679	2,213	1,245	1,642
2	<u>SUGAR</u>	26	5,714	8,416	5,197	4,865
3	<u>TEA</u>	7	3,134	3,050	2,679	1317
4	<u>BEVERAGES</u>	13	3,113	2,456	1,152	762
5	<u>COTTON TEXTILE</u>	133	53,171	54,651	40,981	43,032
6	<u>LEATHER TANNING</u>	30	6,721	6,730	5,627	5,626
7	<u>PAPER & PAPER BOARD</u>	6	2,196	2,258	1,548	1,644
8	<u>PHARMACEUTICALS</u>	78	6,256	6,241	3,032	1,692
9	<u>ACID, ALKALIES & SALT</u>	3	18	34	13	22
10	<u>FERTILIZER</u>	3	984	965	821	797
11	<u>PAINTS & VARNISH</u>	9	106	106	50	57
12	<u>SOAP</u>	38	1,993	2,750	1,659	2,417
13	<u>PETROLEUM PRODUCTS</u>	2	437	435	338	344
14	<u>TYRES & TUBES</u>	4	5,652	5,968	4,020	4,180
15	<u>CEMENT</u>	11	5,201	5,149	2,328	2,010
16	<u>STEEL PRODUCTS</u>	1	-	9,474	-	6,394
17	<u>M.S PRODUCTS</u>	28	1,091	827	857	670
18	<u>SAFETY RAZOR BLAD</u>	1	288	288	246	256
19	<u>SEWING MACHINES</u>	3	410	416	354	360
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	15,956	15,095	7,610	6,912
22	<u>STORAGE BATTERIES</u>	4	1,648	2,137	1,645	1,681
	Grand Total	455	117,518	130,409	82,063	87,342

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Aug) 2020-21	(Jul-Aug) 2019-20	(Jul-Aug) 2020-21	(Jul-Aug) 2019-20
1	<u>VEGETABLE GHEE</u>	35	2,701	2,209	1,266	1,639
2	<u>SUGAR</u>	26	5,645	8,422	5,199	4,862
3	<u>TEA</u>	7	3,113	3,050	2,657	1317
4	<u>BEVERAGES</u>	13	3,117	2,599	1,093	951
5	<u>COTTON TEXTILE</u>	133	53,229	54,651	41,050	42,780
6	<u>LEATHER TANNING</u>	30	6,750	6,783	5,648	5,673
7	<u>PAPER & PAPER BOARD</u>	6	2,169	2,258	1,536	1,644
8	<u>PHARMACEUTICALS</u>	78	6,259	6,241	3,033	2,686
9	<u>ACID, ALKALIES & SALT</u>	3	18	34	13	22
10	<u>FERTILIZER</u>	3	985	965	810	798
11	<u>PAINTS & VARNISH</u>	9	106	106	53	57
12	<u>SOAP</u>	38	2,030	2,751	1,689	2,417
13	<u>PETROLEUM PRODUCTS</u>	2	437	435	338	344
14	<u>TYRES & TUBES</u>	4	5,666	5,982	4,030	4,188
15	<u>CEMENT</u>	11	5,205	5,075	2,329	2,082
16	<u>STEEL PRODUCTS</u>	1	-	9,390	-	6,423
17	<u>M.S PRODUCTS</u>	28	1,069	827	818	670
18	<u>SAFETY RAZOR BLAD</u>	1	288	288	247	256
19	<u>SEWING MACHINES</u>	3	410	416	354	360
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	15,956	15,095	7,610	6,912
22	<u>STORAGE BATTERIES</u>	4	1,757	2,137	1,645	1,681
	Grand Total	455	117,659	130,463	82,079	88,424

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**

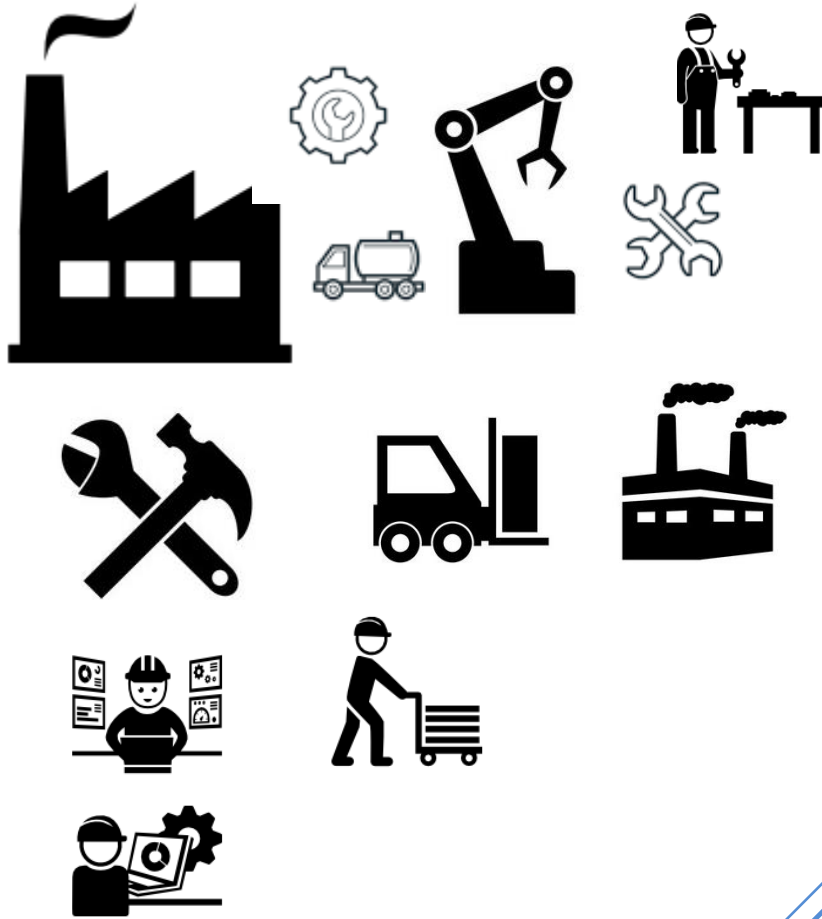
Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

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



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