

MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH

September,
2021

Industries Section, BOS



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



**Sindh Monthly
Survey of
Industrial
Production &
Employment
(MIPE)
September,
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. This report provides important statistics in respect of industrial production & employment of large Scale Manufacturing (LSM) industries in Sindh.

This report contains information on 61 items manufactured in 22 selected large scale industrial sectors covering 537 industrial establishments (selection on the basis of CMI 2005-06). These industries account for 70.43% of total value added of large scale manufacturing sector in Sindh.

MIPE Report provides information regarding General Index and Quantum Index of Manufacturing (QIM) to base period 2005-06, and analytical analysis on the current status of production and employment in manufacturing sector.

All the efforts are made to improve the industrial statistics and hope this report would prove useful to policy makers, planners, researchers and other data users. Suggestion/ recommendations from the users will always be welcomed and appreciated.

Dr. Ishaque Ahmed Ansari
Director General
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1. Introduction

A robust manufacturing sector promotes domestic production, exports and generates employment, hence stimulates the overall growth of an economy. In Pakistan, manufacturing sector contributes 12.79% to Gross Domestic Product (GDP) at 9.73 percent of GDP dominates the overall manufacturing sector and the sector employs 16.1 % of the country's labor force.

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

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

The role of Sindh province in the Large Scale Manufacturing is very vital. However, Sindh QIM's trend of overall manufacturing index has random behavior with ups and downs; which main cause in last year is COVID-19 and recession in economy. As the Karachi is the largest metropolitan city of Pakistan, according to Karachi Chamber of Commerce and Industry (KCCI) it produces 15% with an annual Gross Domestic Product (GDP). Sindh Business Register (SBR), 2017 established by Sindh Bureau of Statistics, Planning & Development Department during the field operation CMI 2015-16 started from January, 2017 shows that 67% establishments/ factories are located in Karachi Division and remaining 33% are located in other districts of Sindh.

For the timely and quality industrial statistics, Sindh Bureau of Statistics, Planning & Development Department has been conducting Monthly Survey of Industrial Production and Employment (MIPE). This survey report includes 61 items manufactured in 22 large scale Industrial sectors from 537 establishments/ factories in Sindh. The sample of 537 firms was drawn from the last Census of Manufacturing Industries (CMI), 2005-06 and

these industries account for 70.43% of total value added in terms of production during 2005-06.

1.1. Questionnaire/ Proforma

A questionnaire/ Proforma is a research instrument consisting of a series of questions and other prompts for the purpose of gathering information from respondents. A pre-tested questionnaire is used for the data collection of industrial inputs related to employment and production, attached at **Annex-A**.

1.2. Methodology

The basic method of data collection for Sindh MIPE is the posting/ mailing of MIPE Questionnaires. More than 70% monthly returns are received to this Bureau through mail from industrial units. The non-responding or remaining establishments are visited by the officers/ officials of this Bureau, besides this the method of emailing, fax and telephonic approach are also used for collection of monthly returns and increase the response rate.

1.3. Editing

All the received returns are scrutinized for accuracy and consistency with previous data by the Industries Section of this Bureau. As per *Unit Calculation Sheet* different units of similar products are converted into the reporting units. In case of huge discrepancy between current and previous returns the factory management is approached to rectify that figures. In the absence establishment's return or non-availability of concerned person the average production of last month or the last month information is repeated for equivalence.

2. Quantum Index of Manufacturing (QIM)

A quantum index is an index based on quantity units of goods such as number or weight. Sindh bureau of Statistics is computing Index on Industrial Production using 2005-06 as base year. Index Series is generated by using Laspayer's Index.

$$QIM = \frac{\sum_{i=1}^n \frac{q_{im}}{q_{i0}} w_i}{\sum_{i=1}^n w_i} \times 100$$

Equation 1 Laspayer's Index

q_{im} = Production of i^{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.

Report Analysis

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

- Overall Production in September, 2021 is considerably increased by 5% as compared to last (i.e. month August, 2021).
- Overall Production in September, 2021 has a gigantic positive jump of 32.6% as compared to corresponding month of last year (i.e. August, 2020). The plausible reason this huge increase is the less production during COVID in September, 2020.
- Cumulative production from July to September (2021-22) is significantly increased by 34.7% than the cumulative production of July-September (2020-21) which also reflects the less production during COVID period (Mar-Aug, 2020), however that was time concept of smart lockdown was enforced and the ban industrial activities was lifted.
- Employment during September, 2021 is increased by 5.3% as compared to previous month August, 2021.
- Employment during September, 2021 is 12.4% higher than September, 2020.
- Average monthly employment during the period of July-September (2021-22) is 18.1% higher as compared to the corresponding period of July-September (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	
November	317.1	343.2	273.3	280.3	320.5	
December	302.8	341.5	265.2	223.7	350.6	
January	286.1	374.0	321.3	263.8	347.2	
February	283.3	324.5	309.0	313.2	336.1	
March	275.6	341.4	279.7	258.2	337.1	
April	276.8	338.5	258.2	172.1	308.9	
May	283.9	311.3	248.2	199.8	282.5	
June	258.1	307.4	257.6	324.9	341.9	
Average (Geometric Mean)	285.4	335.5	279.7	251.3	312.4	

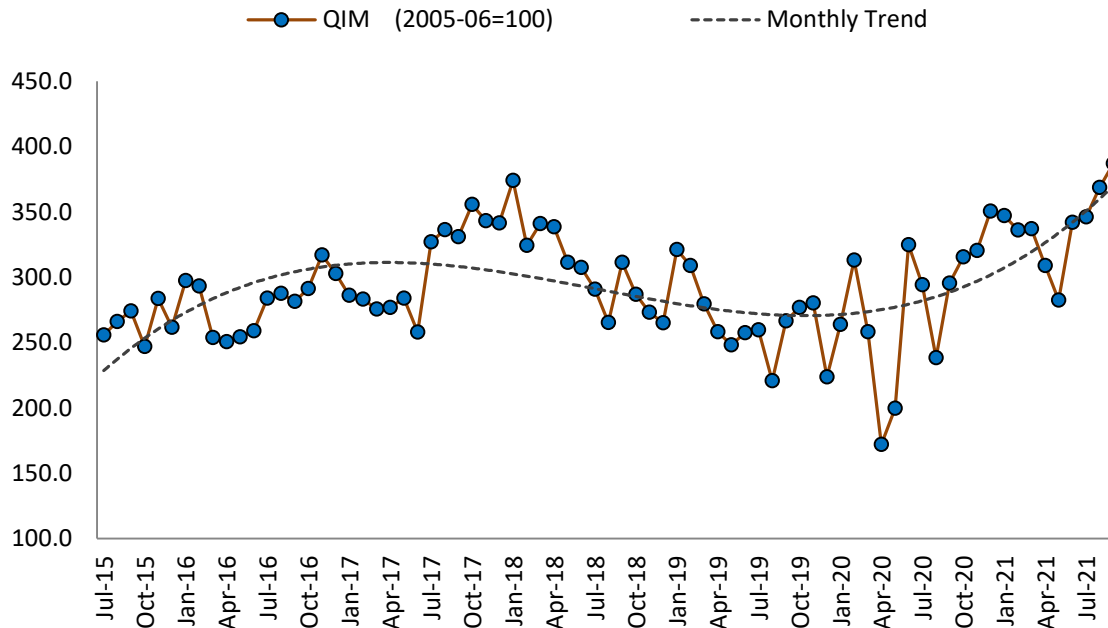


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

QIM index in last six months from April to September, 2021 is showing an increasing trend. Similarly in month to month change last month growth was 5% which major cause was the increase in production of Pharmaceutical products and seasonal production of Cotton ginning.

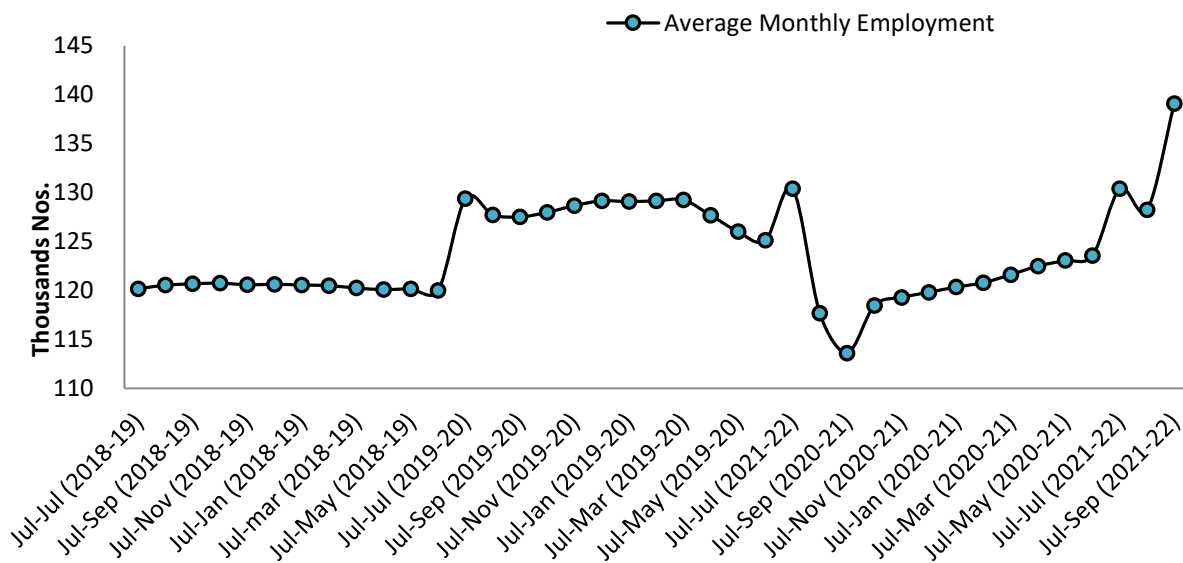


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

Overall employment trend in last financial year 2020-21 is looking upward and in the current month the employment was increased 5% as compared to last month and the major chunk of employment was increased in pharmaceutical and textile sector.

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Septembert-2021 Vs August-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 Sep:2021 with Aug: 2021
					Sep:2021	Aug:2021	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	27,396	26,300	104.2
ii.	COOKING OIL		0.50	M.Tons	16,593	20,004	82.9
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	5,297	5,576	95.0
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	73,929	75,508	97.9
ii.	WATER		0.85	"000" NOs.	25,247	25,170	100.3
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	22,101	18,886	117.0
ii.	COTTON FABRICS		4.13	"000" Sq. M	21,746	20,710	105.0
iii.	M.M.YARN		0.42	M.Tons	3,059	3,016	101.4
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	465	581	80.0
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	1,091,600	-	
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	385	393	98.0
ii.	WRITTEN PAPER		0.01	M.Tons	428	331	129.3
iii.	PACKING & OTHER PAPER		0.01	M.Tons	1,791	1,844	97.1
iv.	ADVERTISING MATERIAL		0.01	M.Tons	-	-	
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	1,329,597	1,394,613	95.3
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	12,568	13,229	95.0
iii.	CAPSULES		1.36	"000" NOs.	215,686	206,823	104.3
iv.	INJECTIONS		1.22	"000" NOs.	81,444	71,494	113.9
v.	OINTMENT		0.15	KGs.	218,859	208,437	105.0
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,852	2,716	105.0
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	216,005	381,878	56.6
ii.	AMONIA		3.50	M.Tons	64,451	72,870	88.4
iii.	DAP		3.50	M.Tons	108,213	115,229	93.9
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	241	237	101.7
ii.	VARNISH		0.32	"000" Liters.	5	5	100.0
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	10,011	9,284	107.8
ii.	DETERGENT POWDER		1.66	M.Tons	13,430	13,266	101.2
iii.	TOILET SOAP		1.66	M.Tons	3,198	3,323	96.2
iv.	TOOTH PASTE		1.66	M.Tons	885	815	108.6
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,957	3,113	95.0
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	46,733	49,193	95.0

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 Sep:2021 with Aug: 2021
					Sep:2021	Aug:2021	
iii.	KEROSENE OIL		9.32	"000" Liters.	101	860	11.7
iv.	H.S.D		9.32	"000" Liters.	150,897	129,289	116.7
v.	FURNACE OIL		9.32	"000" Liters.	69,203	40,166	172.3
vi.	ASPHALT 80-100		9.32	"000" Liters.	718	684	105.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	11,093	21,324	52.0
viii.	MOTOR SPRIT		9.32	"000" Liters.	32,174	33,923	94.8
ix.	JET FUEL		9.32	"000" Liters.	22,260	21,200	105.0
x.	LUBRICATING OIL		9.32	"000" Liters.	16,493	15,280	107.9
xi.	OTHERS		0.00	"000" Liters.	48,884	46,556	105.0
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	280,160	252,071	111.1
ii.	MOTOR TUBE		0.41	Nos.	40,050	28,498	140.5
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	702,494	403,988	173.9
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	11,968	11,398	105.0
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	5,300	2,452	216.2
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	27,007	43,563	62.0
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	1,300	1,500	86.7
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	85,471	74,323	115.0
ii.	AIR-CONDITIONERS		0.60	Nos.	37,658	44,304	85.0
iii.	DEEP FREEZERS		0.50	Nos.	6,149	5,613	109.5
iv.	WASHING MACHINES		0.50	Nos.	42,442	36,906	115.0
v.	MICROWAVE OVEN		0.50	Nos.	50,913	44,272	115.0
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	583	510	114.3
ii.	BUSES		0.77	Nos.	38	42	90.5
iii.	LCV'S		2.50	Nos.	2,282	2,313	98.7
iv.	MOTOR CYCLES		2.06	Nos.	152,483	144,621	105.4
v.	TRACTORS		0.25	Nos.	3,270	4,663	70.1
vi.	CARS		0.50	Nos.	19,032	17,393	109.4
vii.	VANS & JEEPS		1.18	Nos.	1,241	1,050	118.2
viii.	THREE WHEELERS		1.18	Nos.	4,821	3,069	157.1
	Grand Total	537	70.43				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, September-2021 Vs September -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 Sep:2021 with Sep:2020
					Sep:2021	Sep:2020	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	27,396	32,053	85.5
ii.	COOKING OIL		0.50	M.Tons	16,593	12,256	135.4
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	5,297	3,922	135.1
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	73,929	124,116	59.6
ii.	WATER		0.85	"000" NOs.	25,247	19,363	130.4
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	22,101	20,849	106.0
ii.	COTTON FABRICS		4.13	"000" Sq. M	21,746	15,461	140.7
iii.	M.M.YARN		0.42	M.Tons	3,059	736	415.6
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	465	679	68.5
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	1,091,600	601,828	181.4
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	385	373	103.2
ii.	WRITTEN PAPER		0.01	M.Tons	428	363	117.9
iii.	PACKING & OTHER PAPER		0.01	M.Tons	1,791	1,850	96.8
iv.	ADVERTISING MATERIAL		0.01	M.Tons	-	28	0.0
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	1,329,597	2,402,480	55.3
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	12,568	6,100	206.0
iii.	CAPSULES		1.36	"000" NOs.	215,686	385,986	55.9
iv.	INJECTIONS		1.22	"000" NOs.	81,444	121,065	67.3
v.	OINTMENT		0.15	KGs.	218,859	228,953	95.6
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,852	2,318	123.0
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	216,005	235,528	91.7
ii.	AMONIA		3.50	M.Tons	64,451	41,329	155.9
iii.	DAP*		3.50	M.Tons	108,213	72,300	149.7
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	241	45	535.6
ii.	VARNISH		0.32	"000" Liters.	5	223	2.2
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	10,011	6,049	165.5
ii.	DETERGENT POWDER		1.66	M.Tons	13,430	15,466	86.8
iii.	TOILET SOAP		1.66	M.Tons	3,198	2,088	153.2
iv.	TOOTH PASTE		1.66	M.Tons	885	844	104.9
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,957	925	319.5
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	46,733	27,365	170.8

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 Sep:2021 with Sep:2020
					Sep:2021	Sep:2020	
iii.	KEROSENE OIL		9.32	"000" Liters.	101	38	
iv.	H.S.D		9.32	"000" Liters.	150,897	114,510	131.8
v.	FURNACE OIL		9.32	"000" Liters.	69,203	46,821	147.8
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	-	
vii.	ASPHALT 60-70		9.32	"000" Liters.	11,093	2,742	404.6
viii.	MOTOR SPRIT		9.32	"000" Liters.	32,174	15,051	213.8
ix.	JET FUEL		9.32	"000" Liters.	22,260	15,278	145.7
x.	LUBRICATING OIL		9.32	"000" Liters.	16,493	9,830	167.8
xi.	OTHERS		0.00	"000" Liters.	48,884	24,819	197.0
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	280,160	276,939	101.2
ii.	MOTOR TUBE		0.41	Nos.	40,050	32,248	124.2
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	702,494	462,549	151.9
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	11,968	8,407	142.4
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	5,300	-	
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	27,007	75,406	35.8
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	1,300	1,275	102.0
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	85,471	26,774	319.2
ii.	AIR-CONDITIONERS		0.60	Nos.	37,658	2,678	1406.2
iii.	DEEP FREEZERS		0.50	Nos.	6,149	287	2142.5
iv.	WASHING MACHINES		0.50	Nos.	42,442	30,730	138.1
v.	MICROWAVE OVEN		0.50	Nos.	50,913	34,118	149.2
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	583	240	242.9
ii.	BUSES		0.77	Nos.	38	47	80.9
iii.	LCV'S		2.50	Nos.	2,282	1,258	181.4
iv.	MOTOR CYCLES		2.06	Nos.	152,483	154,525	98.7
v.	TRACTORS		0.25	Nos.	3,270	4,555	71.8
vi.	CARS		0.50	Nos.	19,032	12,117	157.1
vii.	VANS & JEEPS		1.18	Nos.	1,241	758	163.7
viii.	THREE WHEELERS		1.18	Nos.	4,821	5,511	87.5
	Grand Total	537	70.43				

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

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-Sep) with 2020-21 (Jul-Sep)
					2021-22 (Jul-Sep)	2020-21 (Jul-Sep)	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	82,967	101,796	81.5
ii.	COOKING OIL		0.50	M.Tons	57,514	43,071	133.5
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	16,944	11,544	146.8
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	233,455	316,264	73.8
ii.	WATER		0.85	"000" NOs.	75,667	52,978	142.8
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	59,091	57,104	103.5
ii.	COTTON FABRICS		4.13	"000" Sq. M	64,527	48,748	132.4
iii.	M.M.YARN		0.42	M.Tons	8,885	1,861	477.4
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	1,511	1,704	88.7
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	1,091,600	601,828	181.4
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	1,090	879	124.0
ii.	WRITTEN PAPER		0.01	M.Tons	1,203	570	211.1
iii.	PACKING & OTHER PAPER		0.01	M.Tons	5,316	4,670	113.8
iv.	ADVERTISING MATERIAL		0.01	M.Tons	-	68	0.0
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	4,204,434	6,251,428	67.3
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	39,503	17,448	226.4
iii.	CAPSULES		1.36	"000" NOs.	642,090	922,805	69.6
iv.	INJECTIONS		1.22	"000" NOs.	228,150	344,132	66.3
v.	OINTMENT		0.15	KGs.	566,254	654,861	86.5
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	8,199	6,825	120.1
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	969,219	698,496	138.8
ii.	AMONIA		3.50	M.Tons	205,021	129,312	158.5
iii.	DAP		3.50	M.Tons	333,979	220,507	151.5
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	714	169	422.5
ii.	VARNISH		0.32	"000" Liters.	16	710	2.3
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	29,312	18,895	155.1
ii.	DETERGENT POWDER		1.66	M.Tons	38,931	41,821	93.1
iii.	TOILET SOAP		1.66	M.Tons	9,767	5,826	167.6
iv.	TOOTH PASTE		1.66	M.Tons	2,401	2,373	101.2
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	8,145	3,351	243.1
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	128,721	56,009	229.8

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 2021-22 (Jul-Sep) with 2020-21 (Jul-Sep)
					2021-22 (Jul-Sep)	2020-21 (Jul-Sep)	
iii.	KEROSENE OIL		9.32	"000" Liters.	1,821	588	309.7
iv.	H.S.D		9.32	"000" Liters.	429,785	369,274	116.4
v.	FURNACE OIL		9.32	"000" Liters.	177,528	140,364	126.5
vi.	ASPHALT 80-100		9.32	"000" Liters.	2,120	590	359.3
vii.	ASPHALT 60-70		9.32	"000" Liters.	46,633	9,372	497.6
viii.	MOTOR SPRIT		9.32	"000" Liters.	99,751	59,576	167.4
ix.	JET FUEL		9.32	"000" Liters.	57,593	34,097	168.9
x.	LUBRICATING OIL		9.32	"000" Liters.	48,426	20,163	240.2
xi.	OTHERS		0.00	"000" Liters.	126,477	27,400	461.6
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	760,442	648,200	117.3
ii.	MOTOR TUBE		0.41	Nos.	94,641	67,843	139.5
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	1,564,811	1,203,954	130.0
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	31,498	24,223	130.0
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	9,597	-	
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	113,273	198,885	57.0
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	4,294	4,220	101.8
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	247,233	102,127	242.1
ii.	AIR-CONDITIONERS		0.60	Nos.	127,130	26,151	486.1
iii.	DEEP FREEZERS		0.50	Nos.	18,365	6,423	285.9
iv.	WASHING MACHINES		0.50	Nos.	111,440	76,885	144.9
v.	MICROWAVE OVEN		0.50	Nos.	147,270	90,046	163.5
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	1,363	769	177.2
ii.	BUSES		0.77	Nos.	90	125	72.0
iii.	LCV'S		2.50	Nos.	6,775	3,708	182.7
iv.	MOTOR CYCLES		2.06	Nos.	430,953	532,362	81.0
v.	TRACTORS		0.25	Nos.	12,533	11,227	111.6
vi.	CARS		0.50	Nos.	51,750	27,574	187.7
vii.	VANS & JEEPS		1.18	Nos.	3,619	1,655	218.7
viii.	THREE WHEELERS		1.18	Nos.	9,095	14,845	61.3
Grand Total		537	70.43				

Table 5: Employment in Selected Large-Scale Manufacturing Sector, September-2021 Vs August-2021

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Sep:2021	Aug:2021	Sep:2021	Aug:2021
1	<u>VEGETABLE GHEE</u>	35	1,820	2,018	1,183	1,529
2	<u>SUGAR</u>	26	10,245	9,067	6,414	5,806
3	<u>TEA</u>	7	2,328	3,047	1,985	2,606
4	<u>BEVERAGES</u>	13	4,985	4,043	1,643	675
5	<u>COTTON TEXTILE</u>	133	56,005	53,224	48,003	43,037
6	<u>LEATHER TANNING</u>	30	6,589	6,593	5,539	5,523
7	<u>PAPER & PAPER BOARD</u>	6	1,908	1,954	1,362	1,394
8	<u>PHARMACEUTICALS</u>	78	17,111	15,261	6,703	5,118
9	<u>ACID, ALKALIES & SALT</u>	3	40	30	25	21
10	<u>FERTILIZER</u>	3	2,223	1,700	1,710	1,326
11	<u>PAINTS & VARNISH</u>	9	106	109	67	67
12	<u>SOAP</u>	38	1,780	1,772	1,502	1,514
13	<u>PETROLEUM PRODUCTS</u>	2	888	1,180	680	981
14	<u>TYRES & TUBES</u>	4	5,900	5,912	4,100	4,124
15	<u>CEMENT</u>	11	2,846	2,371	1,850	1,093
16	<u>STEEL PRODUCTS</u>	2	284	198	183	130
17	<u>M.S PRODUCTS</u>	28	883	865	692	676
18	<u>SAFETY RAZOR BLAD</u>	1	278	278	258	258
19	<u>SEWING MACHINES</u>	3	274	273	236	236
20	<u>ELEC. APPLIANCES</u>	3	1,083	1,057	878	819
21	<u>AUTOMOBILE</u>	17	13,103	12,849	9,556	7,948
22	<u>STORAGE BATTERIES</u>	4	2,060	2,272	2,367	2,275
Grand Total		456	132,739	126,071	96,934	87,156

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Sep:2021	Sep:2020	Sep:2021	Sep:2020
1	<u>VEGETABLE GHEE</u>	35	1,820	2,679	1,183	1,245
2	<u>SUGAR</u>	26	10,245	5,622	6,414	5,018
3	<u>TEA</u>	7	2,328	3,120	1,985	2,665
4	<u>BEVERAGES</u>	13	4,985	3,204	1,643	1,231
5	<u>COTTON TEXTILE</u>	133	56,005	53,569	48,003	41,223
6	<u>LEATHER TANNING</u>	30	6,589	6,714	5,539	5,617
7	<u>PAPER & PAPER BOARD</u>	6	1,908	2,136	1,362	1,544
8	<u>PHARMACEUTICALS</u>	78	17,111	6,361	6,703	3,033
9	<u>ACID, ALKALIES & SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,223	981	1,710	818
11	<u>PAINTS & VARNISH</u>	9	106	106	67	50
12	<u>SOAP</u>	38	1,780	1,921	1,502	1,659
13	<u>PETROLEUM PRODUCTS</u>	2	888	429	680	331
14	<u>TYRES & TUBES</u>	4	5,900	5,672	4,100	4,060
15	<u>CEMENT</u>	11	2,846	5,203	1,850	2,328
16	<u>STEEL PRODUCTS</u>	2	284	233	183	152
17	<u>M.S PRODUCTS</u>	28	883	1,091	692	857
18	<u>SAFETY RAZOR BLAD</u>	1	278	266	258	244
19	<u>SEWING MACHINES</u>	3	274	410	236	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,083	750	878	663
21	<u>AUTOMOBILE</u>	17	13,103	15,928	9,556	7,571
22	<u>STORAGE BATTERIES</u>	4	2,060	1,648	2,367	1,621
Grand Total		456	132,739	118,060	96,934	82,296

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Sep) 2021-22	(Jul-Sep) 2020-21	(Jul-Sep) 2021-22	(Jul-Sep) 2020-21
1	<u>VEGETABLE GHEE</u>	35	1,946	2,694	1,415	1,259
2	<u>SUGAR</u>	26	10,816	5,637	6,550	5,139
3	<u>TEA</u>	7	2,781	3,115	2,374	2,659
4	<u>BEVERAGES</u>	13	5,805	3,146	1,612	1,139
5	<u>COTTON TEXTILE</u>	133	55,551	53,343	45,358	41,107
6	<u>LEATHER TANNING</u>	30	6,589	6,738	5,527	5,638
7	<u>PAPER & PAPER BOARD</u>	6	1,927	2,158	1,377	1,539
8	<u>PHARMACEUTICALS</u>	78	15,878	6,293	5,647	3,033
9	<u>ACID, ALKALIES & SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	1,759	984	1,363	813
11	<u>PAINTS & VARNISH</u>	9	108	106	67	52
12	<u>SOAP</u>	38	1,769	1,993	1,504	1,679
13	<u>PETROLEUM PRODUCTS</u>	2	1,082	434	893	335
14	<u>TYRES & TUBES</u>	4	5,893	5,668	4,111	4,040
15	<u>CEMENT</u>	11	2,913	5,205	1,880	2,329
16	<u>STEEL PRODUCTS</u>	1	258	78	165	51
17	<u>M.S PRODUCTS</u>	28	1,001	1,076	743	831
18	<u>SAFETY RAZOR BLAD</u>	1	278	281	258	246
19	<u>SEWING MACHINES</u>	3	273	410	236	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,083	750	878	663
21	<u>AUTOMOBILE</u>	17	19,036	15,947	14,839	7,597
22	<u>STORAGE BATTERIES</u>	4	2,302	1,721	2,305	1,637
	Grand Total	455	139,090	117,793	99,125	82,152

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**

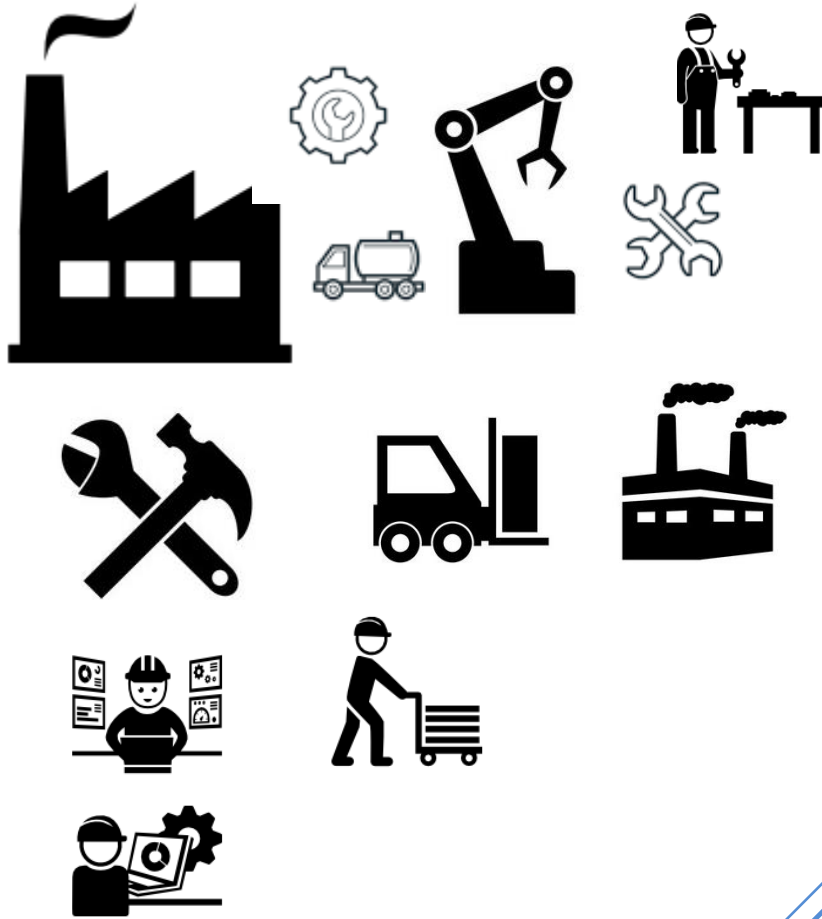
Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

- **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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