

MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH

June, 2022

Industries Section, BOS



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



**Sindh Monthly
Survey of
Industrial
Production &
Employment
(MIPE)
June, 2022**

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

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Preface

Monthly Survey of Industrial Production and Employment (MIPE) is being conducted/ published by Sindh Bureau of Statistics on regular basis. This report provides important statistics in respect of industrial production & employment of large Scale Manufacturing (LSM) industries in Sindh.

This report contains information on 60 items manufactured in 22 selected large scale industrial sectors covering 537 industrial establishments (selection on the basis of CMI 2005-06). These industries account for 70.43% of total value added of large scale manufacturing sector in Sindh.

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

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

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1. Introduction

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

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

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

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

For the timely and quality industrial statistics, Sindh Bureau of Statistics, Planning & Development Department has been conducting Monthly Survey of Industrial Production and Employment (MIPE). This survey report includes 60 items manufactured in 22 large scale Industrial sectors from 537 establishments/ factories in Sindh. The sample of 537 firms was drawn from the last Census of Manufacturing Industries (CMI), 2005-06 and these industries account for 70.43% of total value added in terms of production during 2005-06.

1.1. Questionnaire/ Proforma

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

1.2. Methodology

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

1.3. Editing

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

2. Quantum Index of Manufacturing (QIM)

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

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

Equation 1 Laspayer's Index

q_{im} = Production of i^{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 June, 2022 is increased by 5.61% as compared to last month of May, 2022.
- Production in manufacturing sector for the month of June, 2022 has a significantly upward jump of 42.73% as compared to corresponding month of last year. The plausible reason for this huge increase is the less production during second wave of COVID in 2021.
- Cumulative production from July to June (2021-22) is significantly increased by 37.06% than the cumulative production of July-June (2020-21) which also reflects the less production during subsequent waves of COVID-19 in the year of 2021.
- Large Scale Manufacturing employment during June, 2022 increased by 2.55% as compared to previous month.
- Employment during June, 2022 is 24.39% higher than June, 2021.
- Average monthly employment during the period of July-June (2021-22) is 18.02% higher as compared to the corresponding period of July-June (2020-21).

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

Month/ Year	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
July	284.0	327.0	290.8	259.7	294.2	346.3
August	287.7	336.4	265.5	220.9	238.5	368.7
September	281.5	330.9	311.3	266.7	295.4	387.1
October	291.4	355.7	287.0	277.0	315.6	400.5
November	317.1	343.2	273.3	280.3	320.5	434.6
December	302.8	341.5	265.2	223.7	350.6	415.7
January	286.1	374.0	321.3	263.8	347.2	458.6
February	283.3	324.5	309.0	313.2	336.1	447.6
March	275.6	341.4	279.7	258.2	337.1	457.9
April	276.8	338.5	258.2	172.1	308.9	418.3
May	283.9	311.3	248.2	199.8	282.5	451.4
June	258.1	307.4	257.6	324.9	341.9	476.7
Average (Geometric Mean)	285.4	335.5	279.7	251.3	312.4	419.4

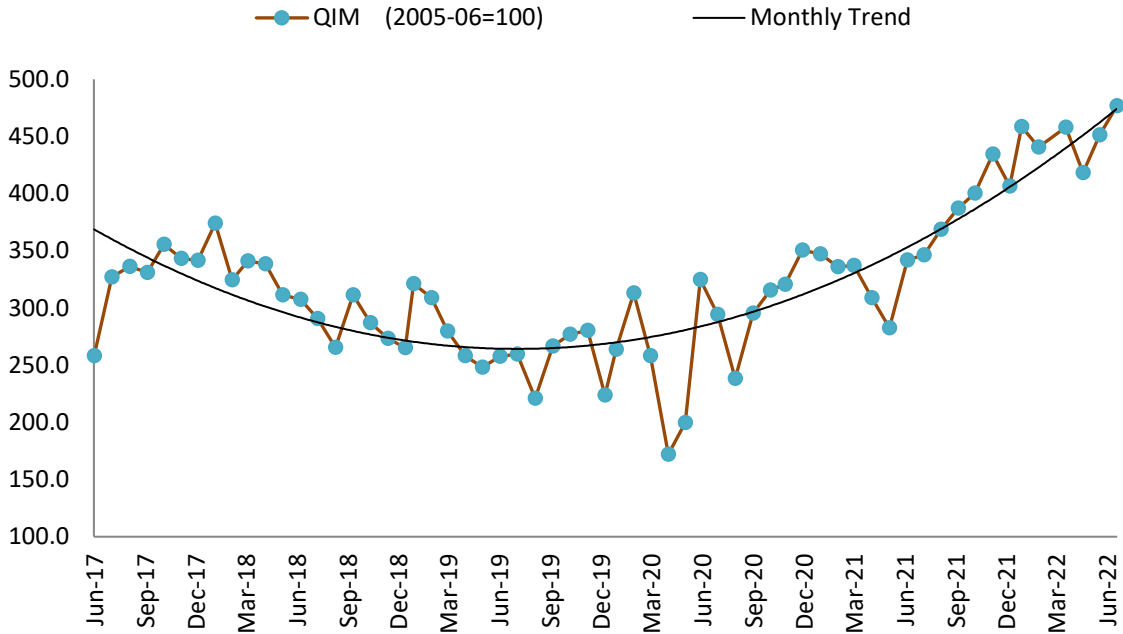


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

QIM index in last six months of current financial year 2020-21 is showing an increasing trend. Similarly, in month to month change last month growth reported significantly high around 5.61% for which major cause is the increase in production of a seasonal items such as Drinking Water/ beverages while the production of Cotton Fabric and some Pharmaceutical Products along with Detergent Powder also increased as compared to last month's production.

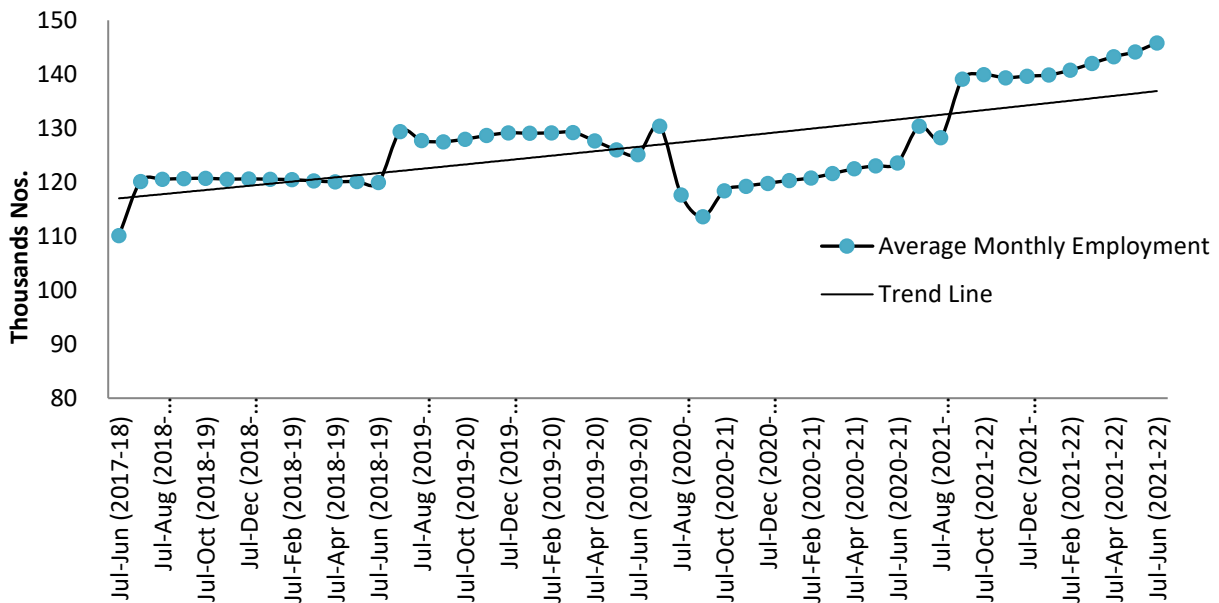


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

Overall employment trend in financial year 2020-21 is looking upward. In current month the employment is also slightly upward as compared to last month. Major sectors in which the employment is increased in the month of June, 2022 are Beverages, Cotton Textile and Soap.

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, June-2022 Vs May-2022

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 June:2022 with May: 2022
					June:2022	May:2022	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	27377	23806	115.0
ii.	COOKING OIL		0.50	M.Tons	23097	25459	90.7
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	0	0	0.0
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	2704	2705	100.0
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	90376	81699	110.6
ii.	WATER		0.85	"000" NOs.	41618	48962	85.0
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	40112	40549	98.9
ii.	COTTON FABRICS		4.13	"000" Sq. M	77669	67538	115.0
iii.	M.M.YARN		0.42	M.Tons	11162	9706	115.0
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	421	466	90.3
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	0	0	0.0
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	780	358	217.9
ii.	WRITTEN PAPER		0.01	M.Tons	580	504	115.1
iii.	PACKING & OTHER PAPER		0.01	M.Tons	4719	5552	85.0
iv.	ADVERTISING MATERIAL		0.01	M.Tons	530	555	95.5
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2263668	1968407	115.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	33511	29140	115.0
iii.	CAPSULES		1.36	"000" NOs.	182876	159023	115.0
iv.	INJECTIONS		1.22	"000" NOs.	72091	62113	116.1
v.	OINTMENT		0.15	KGs.	285026	224879	126.7
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	3765	3274	115.0
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	309111	366192	84.4
ii.	AMONIA		3.50	M.Tons	146463	127359	115.0
iii.	DAP		3.50	M.Tons	63311	68327	92.7
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	234	234	100.0
ii.	VARNISH		0.32	"000" Liters.	17	20	85.0
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	27532	32391	85.0
ii.	DETERGENT POWDER		1.66	M.Tons	32178	27981	115.0
iii.	TOILET SOAP		1.66	M.Tons	4142	5319	77.9

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 June:2022 with May: 2022
					June:2022	May:2022	
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	1910.312	2185	87.4
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	14098	18100	77.9
iii.	KEROSENE OIL		9.32	"000" Liters.	83	83	100.0
iv.	H.S.D		9.32	"000" Liters.	127890	151459	84.4
v.	FURNACE OIL		9.32	"000" Liters.	67757	90283	75.0
vi.	ASPHALT 80-100		9.32	"000" Liters.	6285	6285	100.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	6285	6285	100.0
viii.	MOTOR SPRIT		9.32	"000" Liters.	24946	24946	100.0
ix.	JET FUEL		9.32	"000" Liters.	14662.329	16605	88.3
x.	LUBRICATING OIL		9.32	"000" Liters.	10212.353	15983	63.9
xi.	OTHERS		0.00	"000" Liters.	30216.171	30296	99.7
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	264354	182214	145.1
ii.	MOTOR TUBE		0.41	Nos.	18592	6651	279.5
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	859557	752532	114.2
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	22172	19280	115.0
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	9927	8632	115.0
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	55324	52392	105.6
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	297	467	63.6
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	66772	66451	100.5
ii.	AIR-CONDITIONERS		0.60	Nos.	25504	25784	98.9
iii.	DEEP FREEZERS		0.50	Nos.	5823	5823	100.0
iv.	WASHING MACHINES		0.50	Nos.	27820	27180	102.4
v.	MICROWAVE OVEN		0.50	Nos.	18456	17626	104.7
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	412	405	101.7
ii.	BUSES		0.77	Nos.	70	71	98.6
iii.	LCV'S		2.50	Nos.	1821	1086	167.7
iv.	MOTOR CYCLES		2.06	Nos.	137659	139614	98.6
v.	TRACTORS		0.25	Nos.	7150	4366	163.8
vi.	CARS		0.50	Nos.	22410	19000	117.9
vii.	VANS & JEEPS		1.18	Nos.	2989	2552	117.1
viii.	THREE WHEELERS		1.18	Nos.	8032	7008	114.6
	Grand Total	537	70.43				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, June-2022 Vs June-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 June:2022 with June:2021
					June:2022	June:2021	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	27,377	30,812	88.9
ii.	COOKING OIL		0.50	M.Tons	23,097	17,913	128.9
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	2,704	5,031	53.7
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	90,376	82,214	109.9
ii.	WATER		0.85	"000" NOs.	41,618	33,417	124.5
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	40,112	17,242	232.6
ii.	COTTON FABRICS		4.13	"000" Sq. M	77,669	21,020	369.5
iii.	M.M.YARN		0.42	M.Tons	11,162	2,262	493.5
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	421	476	88.4
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	780	460	169.6
ii.	WRITTEN PAPER		0.01	M.Tons	580	383	-
iii.	PACKING & OTHER PAPER		0.01	M.Tons	4,719	1,894	249.2
iv.	ADVERTISING MATERIAL		0.01	M.Tons	530	-	-
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,263,668	1,558,131	145.3
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	33,511	12,296	272.5
iii.	CAPSULES		1.36	"000" NOs.	182,876	236,212	77.4
iv.	INJECTIONS		1.22	"000" NOs.	72,091	72,619	99.3
v.	OINTMENT		0.15	KGs.	285,026	132,341	215.4
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	3,765	2,506	150.2
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	309,111	224,478	137.7
ii.	AMONIA		3.50	M.Tons	146,463	58,109	
iii.	DAP*		3.50	M.Tons	63,311	112,866	56.1
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	234	233	100.4
ii.	VARNISH		0.32	"000" Liters.	17	12	141.7
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	27,532	9,896	278.2
ii.	DETERGENT POWDER		1.66	M.Tons	32,178	13,764	233.8
iii.	TOILET SOAP		1.66	M.Tons	4,142	2,672	155.0
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	1,910	1,763	108.4
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	14,098	31,233	45.1
iii.	KEROSENE OIL		9.32	"000" Liters.	83	573	14.5

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 June:2022 with June:2021
					June:2022	June:2021	
iv.	H.S.D		9.32	"000" Liters.	127,890	142,475	89.8
v.	FURNACE OIL		9.32	"000" Liters.	67,757	64,913	104.4
vi.	ASPHALT 80-100		9.32	"000" Liters.	6285	684	-
vii.	ASPHALT 60-70		9.32	"000" Liters.	6285	13,539	46.4
viii.	MOTOR SPRIT		9.32	"000" Liters.	24,946	23,909	104.3
ix.	JET FUEL		9.32	"000" Liters.	14,662	13,460	108.9
x.	LUBRICATING OIL		9.32	"000" Liters.	10,212	14,479	70.5
xi.	OTHERS		0.00	"000" Liters.	30,216	29,559	102.2
15.	<u>TYRES & TUBES</u>	4	0.41		-		
i.	MOTOR TYRE		0.41	Nos.	264,354	269,151	98.2
ii.	MOTOR TUBE		0.41	Nos.	18,592	10,461	177.7
16.	<u>CEMENT</u>	11	3.86		-		
i.	CEMENT		3.86	M.Tons	859,557	523,313	164.3
17.	<u>M.S.PRODUCTS</u>	28	4.88		-		
i.	M.S PRODUCTS		4.88	M.Tons	22,172	10,928	202.9
18.	<u>STEEL PRODUCTS</u>	2	1.02		-		
i.	STEEL PRODUCTS		1.02	M.Tons	9,927	1,552	639.6
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40		-		
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	55,324	50,731	109.1
20.	<u>SEWING MACHINES</u>	3	0.25		-		
i.	SEWING MACHINES		0.25	Nos.	297	1,415	21.0
21.	<u>ELEC. APPLIANCES</u>	3	2.21		-		
i.	REFRIGERATORS		0.11	Nos.	66,772	76,034	87.8
ii.	AIR-CONDITIONERS		0.60	Nos.	25,504	31,729	80.4
iii.	DEEP FREEZERS		0.50	Nos.	5,823	5,742	101.4
iv.	WASHING MACHINES		0.50	Nos.	27,820	27,906	99.7
v.	MICROWAVE OVEN		0.50	Nos.	18,456	43,499	42.4
22.	<u>AUTOMOBILE</u>	17	11.15		-		
i.	TRUCKS		2.71	Nos.	412	593	69.5
ii.	BUSES		0.77	Nos.	70	60	116.7
iii.	LCV'S		2.50	Nos.	1,821	1,685	108.1
iv.	MOTOR CYCLES		2.06	Nos.	137,659	152,488	90.3
v.	TRACTORS		0.25	Nos.	7,150	5,054	141.5
vi.	CARS		0.50	Nos.	22,410	18,154	123.4
vii.	VANS & JEEPS		1.18	Nos.	2,989	1,187	251.8
viii.	THREE WHEELERS		1.18	Nos.	8,032	4,575	175.6
Grand Total		537	70.43				

Table 4: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector,
2021-22 (July to June) Vs 2020-21 (July to June)

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-Jun) with 2020-21 (Jul-Jun)
					2021-22 (Jul-Jun)	2020-21 (Jul-Jun)	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	291,793	413,756	70.5
ii.	COOKING OIL		0.50	M.Tons	311,042	194,403	160.0
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	1,928,354	1,239,756	155.5
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	51,399	51,832	99.2
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	753,584	1,094,393	68.9
ii.	WATER		0.85	"000" NOs.	295,167	218,109	135.3
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	379,473	225,626	168.2
ii.	COTTON FABRICS		4.13	"000" Sq. M	506,961	234,572	216.1
iii.	M.M.YARN		0.42	M.Tons	70,439	18,030	390.7
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	6,064	9,281	65.3
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	9,590,838	4,429,107	216.5
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	5,996	4,063	147.6
ii.	WRITTEN PAPER		0.01	M.Tons	5,244	2,926	179.2
iii.	PACKING & OTHER PAPER		0.01	M.Tons	38,973	20,720	188.1
iv.	ADVERTISING MATERIAL		0.01	M.Tons	3,698	262	1413.1
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	18,144,693	23,731,293	76.5
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	221,252	102,103	216.7
iii.	CAPSULES		1.36	"000" NOs.	3,224,133	4,162,200	77.5
iv.	INJECTIONS		1.22	"000" NOs.	914,982	1,426,735	64.1
v.	OINTMENT		0.15	KGs.	2,835,905	2,393,226	118.5
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	34,206	26,644	128.4
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	4,033,777	2,704,201	149.2
ii.	AMONIA		3.50	M.Tons	1,061,870	501,390	211.8
iii.	DAP		3.50	M.Tons	935,543	779,610	120.0
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	2,849	1,096	260.0
ii.	VARNISH		0.32	"000" Liters.	208	2,902	7.2
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	226,988	75,861	299.2
ii.	DETERGENT POWDER		1.66	M.Tons	211,680	170,349	124.3
iii.	TOILET SOAP		1.66	M.Tons	63,978	22,796	280.7
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	30,159	23,587	127.9
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	407,070	227,438	179.0

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 2021-22 (Jul-Jun) with 2020-21 (Jul-Jun)
					2021-22 (Jul-Jun)	2020-21 (Jul-Jun)	
iii.	KEROSENE OIL		9.32	"000" Liters.	4,239	3,403	124.6
iv.	H.S.D		9.32	"000" Liters.	1,537,666	1,498,407	102.6
v.	FURNACE OIL		9.32	"000" Liters.	608,516	629,911	96.6
vi.	ASPHALT 80-100		9.32	"000" Liters.	63,183	9,086	695.4
vii.	ASPHALT 60-70		9.32	"000" Liters.	116,811	93,102	125.5
viii.	MOTOR SPRIT		9.32	"000" Liters.	295,931	261,088	113.3
ix.	JET FUEL		9.32	"000" Liters.	195,861	144,174	135.9
x.	LUBRICATING OIL		9.32	"000" Liters.	217,940	169,076	128.9
xi.	OTHERS		0.00	"000" Liters.	449,261	285,401	157.4
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	2,663,689	2,777,180	95.9
ii.	MOTOR TUBE		0.41	Nos.	189,537	241,662	78.4
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	8,759,630	5,611,402	156.1
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	191,550	71,668	267.3
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	58,889	20,040	293.9
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	602,525	854,089	70.5
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	11,813	17,764	66.5
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	787,174	597,322	131.8
ii.	AIR-CONDITIONERS		0.60	Nos.	312,967	167,297	187.1
iii.	DEEP FREEZERS		0.50	Nos.	54,653	27,698	197.3
iv.	WASHING MACHINES		0.50	Nos.	409,522	334,332	122.5
v.	MICROWAVE OVEN		0.50	Nos.	456,234	477,756	95.5
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	5,506	3,706	148.6
ii.	BUSES		0.77	Nos.	635	568	111.8
iii.	LCV'S		2.50	Nos.	21,848	19,527	111.9
iv.	MOTOR CYCLES		2.06	Nos.	1,730,273	1,943,621	89.0
v.	TRACTORS		0.25	Nos.	56,398	49,716	113.4
vi.	CARS		0.50	Nos.	226,430	152,490	148.5
vii.	VANS & JEEPS		1.18	Nos.	21,961	11,560	190.0
viii.	THREE WHEELERS		1.18	Nos.	56,946	51,016	111.6
	Grand Total	537	70.43				

Table 5: Employment in Selected Large-Scale Manufacturing Sector, June-2022 Vs May-2022

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			June:2022	May:2022	June:2022	May:2022
1	<u>VEGETABLE GHEE</u>	35	2,741	3,058	1,886	2,050
2	<u>SUGAR</u>	26	13,142	11,336	8,623	7,144
3	<u>TEA</u>	7	1,361	1,338	1,165	1,109
4	<u>BEVERAGES</u>	13	4,750	3,668	1,432	1,034
5	<u>COTTON TEXTILE</u>	133	86,127	85,216	72,558	71,552
6	<u>LEATHER TANNING</u>	30	4,270	3,596	3,755	3,165
7	<u>PAPER & PAPER BOARD</u>	6	2,002	2,084	1,426	1,482
8	<u>PHARMACEUTICALS</u>	78	14,825	15,485	10,478	11,016
9	<u>ACID, ALKALIES & SALT</u>	3	40	40	25	25
10	<u>FERTILIZER</u>	3	2,622	2,700	1,839	1,902
11	<u>PAINTS & VARNISH</u>	9	324	321	246	245
12	<u>SOAP</u>	38	4,276	3,808	3,498	3,224
13	<u>PETROLEUM PRODUCTS</u>	2	1,323	1,311	1,008	999
14	<u>TYRES & TUBES</u>	4	2,984	3,016	2,020	2,026
15	<u>CEMENT</u>	11	2,840	2,805	1,860	1,944
16	<u>STEEL PRODUCTS</u>	2	433	432	300	220
17	<u>M.S PRODUCTS</u>	28	593	593	395	395
18	<u>SAFETY RAZOR BLAD</u>	1	548	550	510	510
19	<u>SEWING MACHINES</u>	3	50	50	32	32
20	<u>ELEC. APPLIANCES</u>	3	1,549	1,525	1,304	1,304
21	<u>AUTOMOBILE</u>	17	10,542	10,426	7,485	7,815
22	<u>STORAGE BATTERIES</u>	4	3,324	3,320	2,945	2,940
	Grand Total	456	160,665	156,677	124,789	122,133

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			June:2022	June:2021	June:2022	June:2021
1	<u>VEGETABLE GHEE</u>	35	2,741	2,144	1,886	1,569
2	<u>SUGAR</u>	26	13,142	8,617	8,623	5,445
3	<u>TEA</u>	7	1,361	3,047	1,165	2,604
4	<u>BEVERAGES</u>	13	4,750	4,046	1,432	1,309
5	<u>COTTON TEXTILE</u>	133	86,127	52,747	72,558	40,837
6	<u>LEATHER TANNING</u>	30	4,270	6,587	3,755	5,521
7	<u>PAPER & PAPER BOARD</u>	6	2,002	1,918	1,426	1,368
8	<u>PHARMACEUTICALS</u>	78	14,825	15,770	10,478	4,915
9	<u>ACID, ALKALIES & SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,622	945	1,839	789
11	<u>PAINTS & VARNISH</u>	9	324	125	246	64
12	<u>SOAP</u>	38	4,276	2,412	3,498	1,582
13	<u>PETROLEUM PRODUCTS</u>	2	1,323	428	1,008	333
14	<u>TYRES & TUBES</u>	4	2,984	5,876	2,020	4,140
15	<u>CEMENT</u>	11	2,840	4,786	1,860	2,038
16	<u>STEEL PRODUCTS</u>	2	433	224	300	81
17	<u>M.S PRODUCTS</u>	28	593	1,082	395	844
18	<u>SAFETY RAZOR BLAD</u>	1	548	283	510	262
19	<u>SEWING MACHINES</u>	3	50	411	32	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,549	634	1,304	536
21	<u>AUTOMOBILE</u>	17	10,542	15,249	7,485	9,245
22	<u>STORAGE BATTERIES</u>	4	3,324	1,817	2,945	1,688
	Grand Total	456	160,665	129,166	124,789	85,539

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Jun 2021-22)	(Jul-Jun) 2020-21	(Jul-Jun 2021-22)	(Jul-Jun) 2020-21
1	<u>VEGETABLE GHEE</u>	35	2,261	2,379	1,681	1,480
2	<u>SUGAR</u>	26	12,319	8,305	7,799	5,842
3	<u>TEA</u>	7	1,872	3,113	1,559	2,672
4	<u>BEVERAGES</u>	13	4,812	3,551	1,358	1,295
5	<u>COTTON TEXTILE</u>	133	68,994	53,365	58,966	40,969
6	<u>LEATHER TANNING</u>	30	6,031	6,654	5,581	5,579
7	<u>PAPER & PAPER BOARD</u>	6	1,964	2,055	1,397	1,470
8	<u>PHARMACEUTICALS</u>	78	15,784	9,078	8,438	3,896
9	<u>ACID, ALKALIES & SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,434	974	1,740	812
11	<u>PAINTS & VARNISH</u>	9	223	107	158	53
12	<u>SOAP</u>	38	2,880	2,290	2,564	1,624
13	<u>PETROLEUM PRODUCTS</u>	2	1,225	431	950	333
14	<u>TYRES & TUBES</u>	4	4,143	5,718	2,850	4,062
15	<u>CEMENT</u>	11	2,844	4,938	1,862	2,143
16	<u>STEEL PRODUCTS</u>	1	264	193	171	97
17	<u>M.S PRODUCTS</u>	28	700	1,082	501	867
18	<u>SAFETY RAZOR BLAD</u>	1	462	279	428	254
19	<u>SEWING MACHINES</u>	3	148	410	125	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,412	724	1,188	631
21	<u>AUTOMOBILE</u>	17	12,196	16,133	9,266	9,304
22	<u>STORAGE BATTERIES</u>	4	2,822	1,765	2,879	1,690
	Grand Total	455	145,828	123,563	111,486	85,440

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.
- Research & Training Wing, Planning & Development Department, Government of Sindh.



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