



MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH

May, 2022

Industries Section, BOS



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



**Sindh Monthly
Survey of
Industrial
Production &
Employment
(MIPE)
May, 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.

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 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 May, 2022 is increased by 7.92% as compared to last month of April, 2022.
- Production in manufacturing sector for the month of April, 2022 has a significantly upward jump of 62.80% 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 May (2021-22) is significantly increased by 36.49% than the cumulative production of July-May (2020-21) which also reflects the less production during subsequent waves of COVID-19 in the year of 2021.
- Large Scale Manufacturing employment during May, 2022 increased by 1.46% as compared to previous month.
- Employment during May, 2022 is 21.73% higher than May, 2021.
- Average monthly employment during the period of July-May (2021-22) is 17.41% higher as compared to the corresponding period of July-May (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	
Average (Geometric Mean)	285.4	335.5	279.7	251.3	312.4	

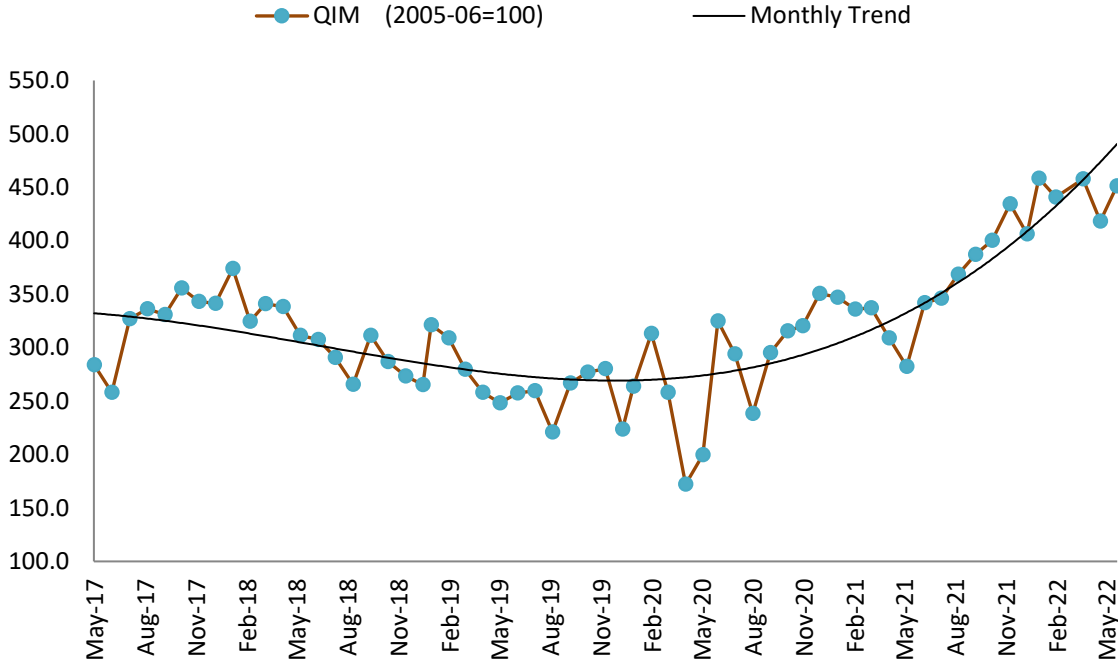


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

QIM index in last six months of current financial year 2020-21 is showing an increasing trend. Similarly, in month to month change last month growth reported significantly high around 7.92% for which major cause is the increase in the production of seasonal items such as Drinking Water, Cotton Fabrics, some Pharmaceutical Products and Detergent Powder.

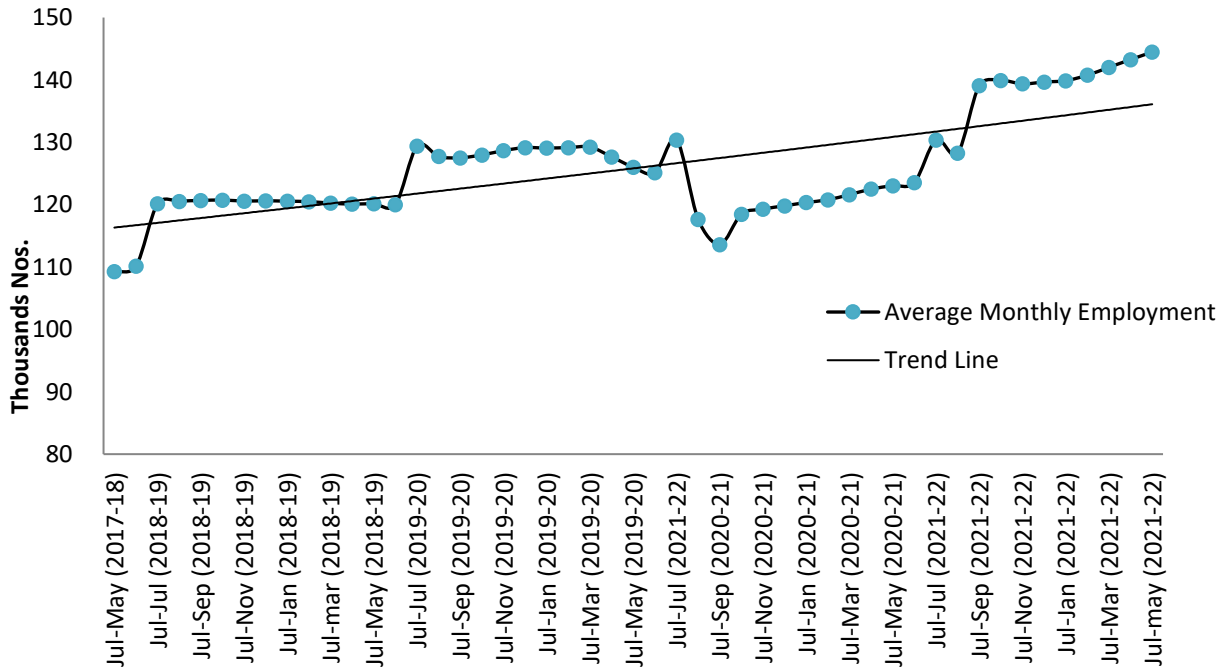


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

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 decreased in the month of May, 2022 are Vegetable Ghee, Cotton Textile, Tires & Tubes and Automobiles. While the major chunk of employment was increased in current month in Textile sector

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, May-2022 Vs April-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 May:2022 with Apr: 2022
					May:2022	Apr:2022	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	23,806	20,701	115.0
ii.	COOKING OIL		0.50	M.Tons	25,459	26,198	97.2
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	0	4,540	0.0
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	2,705	2,892	93.5
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	81,699	55,506	147.2
ii.	WATER		0.85	"000" NOs.	48,962	20,695	236.6
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	40,549	43,714	92.8
ii.	COTTON FABRICS		4.13	"000" Sq. M	67,538	58,729	115.0
iii.	M.M.YARN		0.42	M.Tons	9,706	8,440	115.0
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	466	509	91.6
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	358	842	42.5
ii.	WRITTEN PAPER		0.01	M.Tons	504	438	115.1
iii.	PACKING & OTHER PAPER		0.01	M.Tons	5,552	4,828	115.0
iv.	ADVERTISING MATERIAL		0.01	M.Tons	555	605	91.7
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	1,968,407	1,711,658	115.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	29,140	25,339	115.0
iii.	CAPSULES		1.36	"000" NOs.	159,023	1,382,881	11.5
iv.	INJECTIONS		1.22	"000" NOs.	62,113	55,105	112.7
v.	OINTMENT		0.15	KGs.	224,879	264,564	85.0
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	3,274	2,847	115.0
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	366,192	369,486	99.1
ii.	AMONIA		3.50	M.Tons	127,359	110,747	115.0
iii.	DAP		3.50	M.Tons	68,327	66,702	102.4
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	234	233	100.4

ii.	VARNISH		0.32	"000" Liters.	20	10	200.0
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	32,391	28,166	115.0
ii.	DETERGENT POWDER		1.66	M.Tons	27,981	24,331	115.0
iii.	TOILET SOAP		1.66	M.Tons	5,319	6,153	86.4
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,185	1,527	143.1
ii.	NAPTHA SOLVENT		9.32	"000" Liters.	18,100	19,612	92.3
iii.	KEROSENE OIL		9.32	"000" Liters.	83	-	
iv.	H.S.D		9.32	"000" Liters.	151,459	137,448	110.2
v.	FURNACE OIL		9.32	"000" Liters.	90,283	21,944	411.4
vi.	ASPHALT 80-100		9.32	"000" Liters.	6,285	-	
vii.	ASPHALT 60-70		9.32	"000" Liters.	6,285	-	
viii.	MOTOR SPRIT		9.32	"000" Liters.	24,946	23,683	105.3
ix.	JET FUEL		9.32	"000" Liters.	16,605	3,776	439.7
x.	LUBRICATING OIL		9.32	"000" Liters.	15,983	16,277	98.2
xi.	OTHERS		0.00	"000" Liters.	30,296	31,465	96.3
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	182,214	218,279	83.5
ii.	MOTOR TUBE		0.41	Nos.	6,651	7,757	85.7
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	752,532	873,399	86.2
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	19,280	16,765	115.0
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	8,632	7,506	115.0
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	52,392	58,077	90.2
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	467	549	85.1
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	66,451	66,451	100.0
ii.	AIR-CONDITIONERS		0.60	Nos.	25,784	25,784	100.0
iii.	DEEP FREEZERS		0.50	Nos.	5,823	5,823	100.0
iv.	WASHING MACHINES		0.50	Nos.	27,180	27,180	100.0
v.	MICROWAVE OVEN		0.50	Nos.	17,626	17,626	100.0
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	405	397	102.0
ii.	BUSES		0.77	Nos.	71	61	116.4
iii.	LCV'S		2.50	Nos.	1,086	1,189	91.3
iv.	MOTOR CYCLES		2.06	Nos.	139,614	139,660	100.0
v.	TRACTORS		0.25	Nos.	4,366	5,492	79.5
vi.	CARS		0.50	Nos.	19,000	18,254	104.1
vii.	VANS & JEEPS		1.18	Nos.	2,552	2,336	109.2
viii.	THREE WHEELERS		1.18	Nos.	7,008	4,216	166.2
	Grand Total	537	70.43				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, May-2022 Vs May-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 May:2022 with May:2021
					May:2022	May:2021	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	23,806	32,433	73.4
ii.	COOKING OIL		0.50	M.Tons	25,459	18,690	136.2
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	2,705	4,512	60.0
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	81,699	103,340	79.1
ii.	WATER		0.85	"000" NOs.	48,962	18,741	261.3
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	40,549	17,480	232.0
ii.	COTTON FABRICS		4.13	"000" Sq. M	67,538	20,615	327.6
iii.	M.M.YARN		0.42	M.Tons	9,706	2,278	426.1
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	466	908	51.3
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	358	499	71.7
ii.	WRITTEN PAPER		0.01	M.Tons	504	-	-
iii.	PACKING & OTHER PAPER		0.01	M.Tons	5,552	1,327	418.4
iv.	ADVERTISING MATERIAL		0.01	M.Tons	555	-	-
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	1,968,407	2,200,274	89.5
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	29,140	9,132	319.1
iii.	CAPSULS		1.36	"000" NOs.	159,023	342,923	46.4
iv.	INJECTIONS		1.22	"000" NOs.	62,113	134,550	46.2
v.	OINTMENT		0.15	KGs.	224,879	203,177	110.7
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	3,274	2,583	126.8
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	366,192	254,613	143.8
ii.	AMONIA		3.50	M.Tons	127,359	75,291	
iii.	DAP*		3.50	M.Tons	68,327	50,029	136.6
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	234	86	273.7
ii.	VARNISH		0.32	"000" Liters.	20	259	7.7

13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	32,391	5,834	555.2
ii.	DETERGENT POWDER		1.66	M.Tons	27,981	13,313	210.2
iii.	TOILET SOAP		1.66	M.Tons	5,319	1,729	307.6
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,185	1,881	116.1
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	18,100	19,031	95.1
iii.	KEROSENE OIL		9.32	"000" Liters.	83	339	24.5
iv.	H.S.D		9.32	"000" Liters.	151,459	105,038	144.2
v.	FURNACE OIL		9.32	"000" Liters.	90,283	46,369	194.7
vi.	ASPHALT 80-100		9.32	"000" Liters.	6,285	-	-
vii.	ASPHALT 60-70		9.32	"000" Liters.	6,285	9,690	64.9
viii.	MOTOR SPRIT		9.32	"000" Liters.	24,946	22,770	109.6
ix.	JET FUEL		9.32	"000" Liters.	16,605	12,820	129.5
x.	LUBRICATING OIL		9.32	"000" Liters.	15,983	13,468	118.7
xi.	OTHERS		0.00	"000" Liters.	30,296	10,728	282.4
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	182,214	179,991	101.2
ii.	MOTOR TUBE		0.41	Nos.	6,651	5,925	112.3
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	752,532	337,656	222.9
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	19,280	4,571	421.8
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	8,632	1,511	571.3
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	52,392	51,718	101.3
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	467	1,417	33.0
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	66,451	62,003	107.2
ii.	AIR-CONDITIONERS		0.60	Nos.	25,784	20,565	125.4
iii.	DEEP FREEZERS		0.50	Nos.	5,823	3,771	154.4
iv.	WASHING MACHINES		0.50	Nos.	27,180	21,356	127.3
v.	MICROWAVE OVEN		0.50	Nos.	17,626	43,890	40.2
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	405	413	98.1
ii.	BUSES		0.77	Nos.	71	28	253.6
iii.	LCV'S		2.50	Nos.	1,086	1,995	54.4
iv.	MOTOR CYCLES		2.06	Nos.	139,614	144,068	96.9
v.	TRACTORS		0.25	Nos.	4,366	4,105	106.4
vi.	CARS		0.50	Nos.	19,000	12,785	148.6
vii.	VANS & JEEPS		1.18	Nos.	2,552	832	306.7
viii.	THREE WHEELERS		1.18	Nos.	7,008	2,508	279.4
	Grand Total	537	70.43				

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

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-May) with 2020-21 (Jul-May)
					2021-22 (Jul-May)	2020-21 (Jul-May)	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	264,416	382,944	69.0
ii.	COOKING OIL		0.50	M.Tons	287,945	176,490	163.2
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	48,695	46,801	104.0
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	663,208	1,012,179	65.5
ii.	WATER		0.85	"000" NOs.	253,549	184,692	137.3
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	339,361	208,384	162.9
ii.	COTTON FABRICS		4.13	"000" Sq. M	429,292	213,552	201.0
iii.	M.M.YARN		0.42	M.Tons	59,277	15,768	375.9
6.	<u>LEATHER TANNING</u>	30	0.07				
i.	UPPER LEATHER		0.07	"000" Sq. M.	5,643	8,805	64.1
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	5,216	3,603	144.8
ii.	WRITTEN PAPER		0.01	M.Tons	4,664	2,543	183.4
iii.	PACKING & OTHER PAPER		0.01	M.Tons	34,254	18,826	181.9
iv.	ADVERTISING MATERIAL		0.01	M.Tons	3,168	262	1210.5
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	15,881,025	22,173,162	71.6
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	187,741	89,807	209.1
iii.	CAPSULES		1.36	"000" NOs.	3,041,257	3,925,988	77.5
iv.	INJECTIONS		1.22	"000" NOs.	842,891	1,354,116	62.2
v.	OINTMENT		0.15	KGs.	2,550,879	2,260,885	112.8
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	30,441	24,138	126.1
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	3,724,666	2,479,723	150.2
ii.	AMONIA		3.50	M.Tons	915,407	443,281	206.5
iii.	DAP		3.50	M.Tons	872,232	666,744	130.8
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	2,615	863	303.2
ii.	VARNISH		0.32	"000" Liters.	191	2,890	6.6

13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	199,456	65,965	302.4
ii.	DETERGENT POWDER		1.66	M.Tons	179,502	156,585	114.6
iii.	TOILET SOAP		1.66	M.Tons	59,836	20,124	297.3
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	28,248	21,824	129.4
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	392,972	196,206	200.3
iii.	KEROSENE OIL		9.32	"000" Liters.	4,156	2,830	146.8
iv.	H.S.D		9.32	"000" Liters.	1,409,776	1,355,932	104.0
v.	FURNACE OIL		9.32	"000" Liters.	540,759	564,998	95.7
vi.	ASPHALT 80-100		9.32	"000" Liters.	56,898	8,401	677.2
vii.	ASPHALT 60-70		9.32	"000" Liters.	110,526	79,564	138.9
viii.	MOTOR SPRIT		9.32	"000" Liters.	270,985	237,179	114.3
ix.	JET FUEL		9.32	"000" Liters.	181,198	130,714	138.6
x.	LUBRICATING OIL		9.32	"000" Liters.	207,727	154,596	134.4
xi.	OTHERS		0.00	"000" Liters.	419,045	255,842	163.8
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	2,399,335	2,508,029	95.7
ii.	MOTOR TUBE		0.41	Nos.	170,945	231,201	73.9
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	7,900,073	5,088,089	155.3
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	169,378	60,740	278.9
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	48,962	18,488	264.8
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	547,201	803,358	68.1
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	11,516	16,349	70.4
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	720,402	521,288	138.2
ii.	AIR-CONDITIONERS		0.60	Nos.	287,463	135,568	212.0
iii.	DEEP FREEZERS		0.50	Nos.	48,830	21,956	222.4
iv.	WASHING MACHINES		0.50	Nos.	381,702	306,426	124.6
v.	MICROWAVE OVEN		0.50	Nos.	437,778	434,257	100.8
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	5,094	3,113	163.6
ii.	BUSES		0.77	Nos.	565	508	111.2
iii.	LCV'S		2.50	Nos.	20,027	17,842	112.2
iv.	MOTOR CYCLES		2.06	Nos.	1,592,614	1,791,133	88.9
v.	TRACTORS		0.25	Nos.	49,248	44,662	110.3
vi.	CARS		0.50	Nos.	204,020	134,336	151.9
vii.	VANS & JEEPS		1.18	Nos.	18,972	10,373	182.9
viii.	THREE WHEELERS		1.18	Nos.	48,914	46,441	105.3
Grand Total		537	70.43				

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			May:2022	Apr:2022	May:2022	Apr:2022
1	<u>VEGETABLE GHEE</u>	35	3,058	2,814	2,050	2,036
2	<u>SUGAR</u>	26	11,336	12,683	7,144	8,539
3	<u>TEA</u>	7	1,338	1,379	1,109	1,142
4	<u>BEVERAGES</u>	13	3,668	4,181	1,034	1,059
5	<u>COTTON TEXTILE</u>	133	85,216	80,895	71,552	70,890
6	<u>LEATHER TANNING</u>	30	3,596	4,685	3,165	4,125
7	<u>PAPER & PAPER BOARD</u>	6	2,084	2,106	1,482	1,499
8	<u>PHARMACEUTICALS</u>	78	15,485	15,634	11,016	10,757
9	<u>ACID, ALKALIES & SALT</u>	3	40	40	25	25
10	<u>FERTILIZER</u>	3	2,700	2,714	1,902	1,898
11	<u>PAINTS & VARNISH</u>	9	321	322	245	246
12	<u>SOAP</u>	38	3,808	3,876	3,224	3,287
13	<u>PETROLEUM PRODUCTS</u>	2	1,311	1,314	999	999
14	<u>TYRES & TUBES</u>	4	3,016	2,950	2,026	2,050
15	<u>CEMENT</u>	11	2,805	2,813	1,944	1,843
16	<u>STEEL PRODUCTS</u>	2	432	233	220	184
17	<u>M.S PRODUCTS</u>	28	593	534	395	366
18	<u>SAFETY RAZOR BLAD</u>	1	550	550	510	510
19	<u>SEWING MACHINES</u>	3	50	50	32	32
20	<u>ELEC. APPLIANCES</u>	3	1,525	1,525	1,304	1,304
21	<u>AUTOMOBILE</u>	17	10,426	9,808	7,815	7,644
22	<u>STORAGE BATTERIES</u>	4	3,320	3,312	2,940	2,937
	Grand Total	456	156,677	154,417	122,133	123,371

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			May:2022	May:2021	May:2022	May:2021
1	<u>VEGETABLE GHEE</u>	35	3,058	2,144	2,050	1,569
2	<u>SUGAR</u>	26	11,336	8,504	7,144	5,359
3	<u>TEA</u>	7	1,338	3,134	1,109	2,693
4	<u>BEVERAGES</u>	13	3,668	4,378	1,034	1,562
5	<u>COTTON TEXTILE</u>	133	85,216	53,436	71,552	40,813
6	<u>LEATHER TANNING</u>	30	3,596	6,589	3,165	5,521
7	<u>PAPER & PAPER BOARD</u>	6	2,084	1,856	1,482	1,318
8	<u>PHARMACEUTICALS</u>	78	15,485	14,348	11,016	3,990
9	<u>ACID, ALKALIES & SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,700	957	1,902	800
11	<u>PAINTS & VARNISH</u>	9	321	125	245	64
12	<u>SOAP</u>	38	3,808	2,416	3,224	1,585
13	<u>PETROLEUM PRODUCTS</u>	2	1,311	430	999	334
14	<u>TYRES & TUBES</u>	4	3,016	5,824	2,026	4,112
15	<u>CEMENT</u>	11	2,805	4,789	1,944	2,036
16	<u>STEEL PRODUCTS</u>	2	432	224	220	81
17	<u>M.S PRODUCTS</u>	28	593	1,082	395	844
18	<u>SAFETY RAZOR BLAD</u>	1	550	284	510	262
19	<u>SEWING MACHINES</u>	3	50	411	32	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,525	634	1,304	536
21	<u>AUTOMOBILE</u>	17	10,426	15,311	7,815	9,293
22	<u>STORAGE BATTERIES</u>	4	3,320	1,817	2,940	1,688
	Grand Total	456	156,677	128,712	122,133	84,825

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-May) 2021-22	(Jul-May) 2020-21	(Jul-May) 2021-22	(Jul-May) 2020-21
1	<u>VEGETABLE GHEE</u>	35	2,217	2,401	1,662	1,471
2	<u>SUGAR</u>	26	12,244	8,277	7,724	5,878
3	<u>TEA</u>	7	1,919	3,119	1,594	2,678
4	<u>BEVERAGES</u>	13	4,818	3,505	1,352	1,294
5	<u>COTTON TEXTILE</u>	133	67,436	53,421	57,730	40,981
6	<u>LEATHER TANNING</u>	30	6,191	6,660	5,747	5,585
7	<u>PAPER & PAPER BOARD</u>	6	1,960	2,068	1,395	1,479
8	<u>PHARMACEUTICALS</u>	78	15,871	8,470	8,252	3,804
9	<u>ACID, ALKALIES & SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,417	977	1,731	814
11	<u>PAINTS & VARNISH</u>	9	214	106	150	52
12	<u>SOAP</u>	38	2,753	2,279	2,480	1,627
13	<u>PETROLEUM PRODUCTS</u>	2	1,216	431	944	333
14	<u>TYRES & TUBES</u>	4	4,248	5,704	2,925	4,055
15	<u>CEMENT</u>	11	2,845	4,952	1,862	2,153
16	<u>STEEL PRODUCTS</u>	1	249	190	159	98
17	<u>M.S PRODUCTS</u>	28	709	1,082	510	869
18	<u>SAFETY RAZOR BLAD</u>	1	454	278	421	253
19	<u>SEWING MACHINES</u>	3	157	410	134	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,400	733	1,177	640
21	<u>AUTOMOBILE</u>	17	12,346	16,214	9,428	9,309
22	<u>STORAGE BATTERIES</u>	4	2,776	1,760	2,873	1,690
	Grand Total	455	144,479	123,054	110,276	85,431

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



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