

GOVERNMENT OF SINDH
PLANNING & DEVELOPMENT DEPARTMENT
BUREAU OF STATISTICS



February, 2021

Industries Section, BOS

MONTHLY SURVEY OF
INDUSTRIAL PRODUCTION
& EMPLOYEMENT
IN SINDH



FOR OFFICIAL USE ONLY

Sindh Monthly Survey of Industrial Production & Employment (MIPE) February, 2021



Bureau of Statistics
Planning & Development Department
Government of Sindh
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Preface

Monthly Survey of Industrial Production and Employment (MIPE) is being conducted/published by Sindh Bureau of Statistics on regular basis since 1970s. This report provides important statistics in respect of industrial production & employment of large Scale Manufacturing (LSM) industries in Sindh.

This report contains information on 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 70.6% 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.

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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 537 establishments/ factories in Sindh. The sample of 537 firms was drawn from the last Census of Manufacturing Industries (CMI), 2005-06 and these industries account for 70.6% of total value added in terms of production during 2005-06, CMI. However, the recent CMI 2015-16 has been conducted by PBS, as it will be published that will be used as base year and QIM base year will be shifted from 2005-06 to 2015-16. In addition to collection, compilation, tabulation and processing of manufacturing data, Bureau of Statistics also computes monthly Quantum Index of Manufacturing by using the weights of production. The quantum index is an essential indicator to gauge to aggregate monthly production of province.

1. Questionnaire/ Proforma

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

2. Methodology

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

3. Editing

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

4. Quantum Index of Manufacturing (QIM)

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

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

Equation 1 Laspayer's Index

q_{im} = Production of i^{th} item during the current month

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

w_i = Weight of the i^{th} item in the base period (2005-06)

$\sum_{i=1}^n w_i$ = Total Weight of 22 large scale industrial sectors covering 537 establishments in the base period with respect to the total value added of all the industries covered in CMI in the base year 2005-06.

5. Analysis

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

- Overall Production in February, 2021 is increased by 3.1% as compared to last month.
- Overall Production in February, 2021 is significantly higher by 15.98% as compared to corresponding month of last year (i.e. February, 2020).
- Cumulative production from July to February (2020-21) is increased by 11.2% as compared to the period of July to February (2019-20)
- Employment during February, 2021 is a little increased by 0.3% as compared to previous month (i.e. January, 2021).
- Employment during February, 2021 is declined by 4.5% in comparison with February, 2020.
- Average monthly employment during the period of July-February (2020-21) is 6.48% lower than the corresponding period of July-February (2019-20).

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

Month/ Year	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
July	255.7	284.0	327.0	290.8	259.7	294.2
August	266.0	287.7	336.4	265.5	220.9	238.5
September	274.2	281.5	330.9	311.3	266.7	295.4
October	247.0	291.4	355.7	287.0	277.0	315.6
November	283.7	317.1	343.2	273.3	280.3	320.5
December	261.7	302.8	341.5	265.2	223.7	350.6
January	297.4	286.1	374.0	321.3	263.8	347.2
February	293.2	283.3	324.5	309.0	313.2	358.0
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	

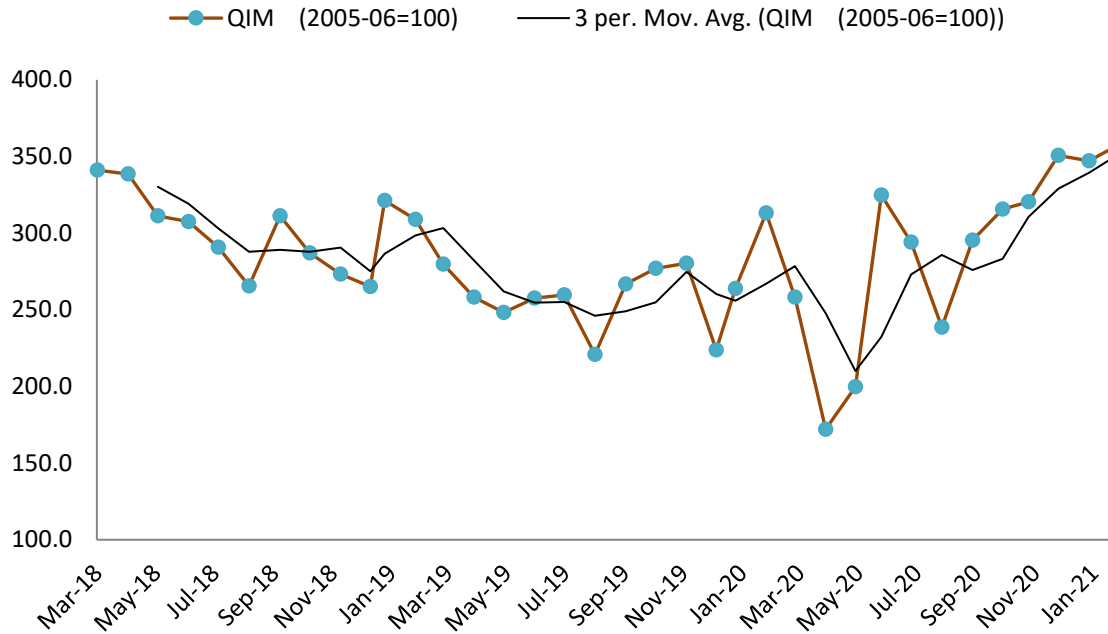


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

Similar trend observed in the manufacturing production index like previous month. Such as paper, Steel, Fertilizer, Pharmaceuticals products, some item of petroleum and electrical appliances increased and however the some declined in the product of vegetable ghee, cotton items, leather tanning, soap, cement and MS product is reported.

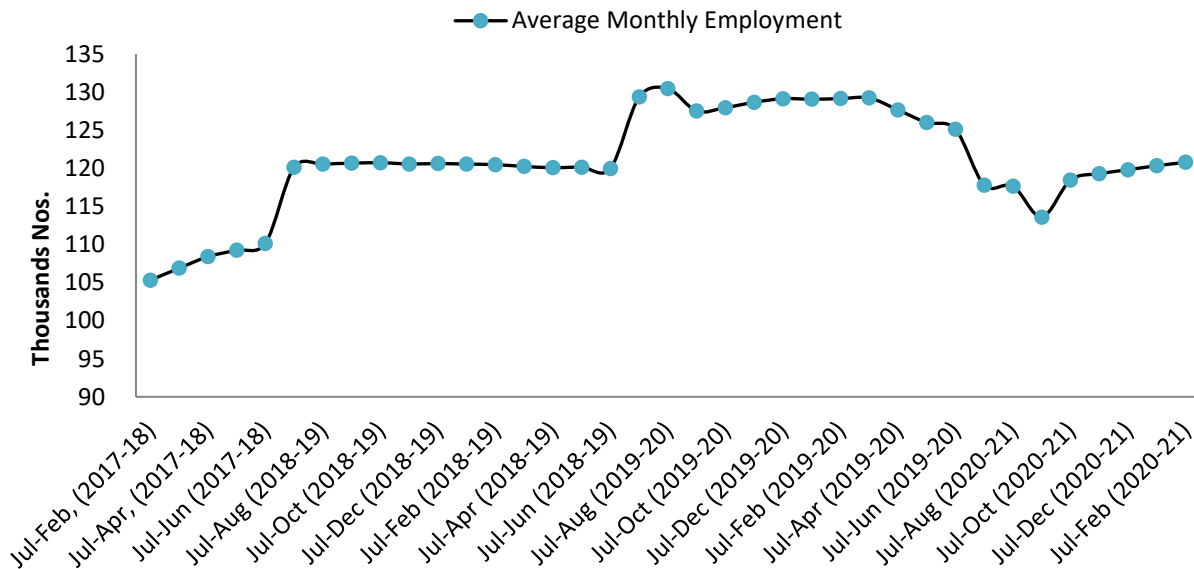


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

The employment of last six months is showing an upward trend and it is also aligned with the QIM index. However this year average employment is still less than the employment of last year.

Production and Employment Data

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, February-2021 Vs January-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 Feb:2021 with Jan: 2021
					Feb:2021	Jan:2021	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	34,802	36,766	94.7
ii.	COOKING OIL		0.50	M.Tons	16,998	16,812	101.1
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	494,789	400,294	123.6
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	3,969	3,437	115.5
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	79,844	80,069	99.7
ii.	WATER*		0.85	"000" NOs.	14,505	14,554	99.7
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	19,568	20,567	95.1
ii.	COTTON FABRICS		4.13	"000" Sq. M	22,058	21,901	100.7
iii.	M.M.YARN		0.42	M.Tons	1,807	1,891	95.6
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	897	969	92.6
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	97	100	97.0
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	1,012,375	1,123,794	90.1
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	359	361	99.4
ii.	WRITTEN PAPER		0.01	M.Tons	442	102	433.3
iii.	PACKING & OTHER PAPER		0.01	M.Tons	2,037	1,785	114.1
iv.	ADVERTISING MATERIAL		0.01	M.Tons	33	27	122.2
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,071,146	1,882,860	110.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	9,256	8,492	109.0
iii.	CAPSULS		1.36	"000" NOs.	393,417	371,148	106.0
iv.	INJECTIONS		1.22	"000" NOs.	120,774	124,509	97.0
v.	OINTMENT		0.15	KGs.	213,480	211,366	101.0
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	1,700	1,271	133.8
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	197,248	178,959	110.2
ii.	AMONIA		3.50	M.Tons	21,813	-	-
iii.	DAP		3.50	M.Tons	38,271	16,850	227.1
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	88	91	96.7
ii.	VARNISH		0.32	"000" Liters.	300	291	103.1
13.	<u>SOAP</u>	38	1.66				

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 Feb:2021 with Jan: 2021
					Feb:2021	Jan:2021	
i.	WASHING SOAP		1.66	M.Tons	5,762	6,348	90.8
ii.	DETERGENT POWDER		1.66	M.Tons	13,834	14,077	98.3
iii.	TOILET SOAP		1.66	M.Tons	1,606	1,334	120.4
iv.	TOOTH PASTE		1.66	M.Tons	833	948	87.9
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,212	2,582	85.7
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	17,815	16,077	110.8
iii.	KEROSENE OIL		9.32	"000" Liters.	51	68	0.0
iv.	H.S.D		9.32	"000" Liters.	107,537	118,608	90.7
v.	FURNACE OIL		9.32	"000" Liters.	54,592	49,234	110.9
vi.	ASPHALT 80-100		9.32	"000" Liters.	5,153	1,779	289.7
vii.	ASPHALT 60-70		9.32	"000" Liters.	10,296	8,517	120.9
viii.	MOTOR SPRIT		9.32	"000" Liters.	20,339	23,230	87.6
ix.	JET FUEL		9.32	"000" Liters.	13,485	13,756	98.0
x.	LUBRICATING OIL		9.32	"000" Liters.	15,343	15,466	99.2
xi.	OTHERS		0.00	"000" Liters.	25,725	34,097	75.4
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	198,185	250,873	79.0
ii.	MOTOR TUBE		0.41	Nos.	62,834	15,270	411.5
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	476,100	530,094	89.8
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	4,101	4,875	84.1
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	3,166	1,397	226.6
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	72,340	78,235	92.5
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	1,349	1,578	85.5
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	56,710	45,017	126.0
ii.	AIR-CONDITIONERS		0.60	Nos.	26,762	23,057	116.1
iii.	DEEP FREEZERS		0.50	Nos.	1,112	1,591	69.9
iv.	WASHING MACHINES		0.50	Nos.	40,421	35,176	114.9
v.	MICROWAVE OVEN		0.50	Nos.	57,690	45,135	127.8
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	341	181	188.4
ii.	BUSES		0.77	Nos.	66	51	129.4
iii.	LCV'S		2.50	Nos.	1,253	1,619	77.4
iv.	MOTOR CYCLES		2.06	Nos.	133,997	157,877	84.9
v.	TRACTORS		0.25	Nos.	3,054	3,611	84.6
vi.	CARS		0.50	Nos.	9,859	13,826	71.3
vii.	VANS & JEEPS		1.18	Nos.	473	1,282	36.9
viii.	THREE WHEELERS		1.18	Nos.	5,170	4,451	116.2
	Grand Total	537	70.65				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, February-2021 Vs February-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 Feb:2021 with Feb:2020
					Feb:2021	Feb:2020	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	34,802	33,094	105.2
ii.	COOKING OIL		0.50	M.Tons	16,998	16,018	106.1
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	494,789	619,297	79.9
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	3,969	4,223	94.0
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	79,844	96,604	82.7
ii.	WATER*		0.85	"000" NOs.	14,505	16,412	88.4
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	19,568	16,667	117.4
ii.	COTTON FABRICS		4.13	"000" Sq. M	22,058	12,202	180.8
iii.	M.M.YARN		0.42	M.Tons	1,807	495	365.1
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	897	1,068	84.0
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	97	112	86.6
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	1,012,375	20,283	4991.2
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	359	394	91.1
ii.	WRITTEN PAPER		0.01	M.Tons	442	358	123.5
iii.	PACKING & OTHER PAPER		0.01	M.Tons	2,037	1,215	167.7
iv.	ADVERTISING MATERIAL		0.01	M.Tons	33	16	206.3
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,071,146	2,142,345	96.7
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	9,256	7,311	126.6
iii.	CAPSULES		1.36	"000" NOs.	393,417	329,312	119.5
iv.	INJECTIONS		1.22	"000" NOs.	120,774	116,289	103.9
v.	OINTMENT		0.15	KGs.	213,480	237,514	89.9
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	1,700	2,378	71.5
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	197,248	217,526	90.7
ii.	AMONIA		3.50	M.Tons	21,813	28,742	75.9
iii.	DAP		3.50	M.Tons	38,271	27,406	139.6
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	88	119	73.9
ii.	VARNISH		0.32	"000" Liters.	300	484	62.0
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	5,762	5,080	113.4
ii.	DETERGENT POWDER		1.66	M.Tons	13,834	13,702	101.0
iii.	TOILET SOAP		1.66	M.Tons	1,606	1,882	85.3

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 Feb:2021 with Feb:2020
					Feb:2021	Feb:2020	
iv.	TOOTH PASTE		1.66	M.Tons	833	786	106.0
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,212	2,431	91.0
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	17,815	21,724	82.0
iii.	KEROSENE OIL		9.32	"000" Liters.	51	1,151	0.0
iv.	H.S.D		9.32	"000" Liters.	107,537	76,299	140.9
v.	FURNACE OIL		9.32	"000" Liters.	54,592	54,951	99.3
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	754	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	10,296	5,684	0.0
viii.	MOTOR SPRIT		9.32	"000" Liters.	20,339	16,303	124.8
ix.	JET FUEL		9.32	"000" Liters.	13,485	13,456	100.2
x.	LUBRICATING OIL		9.32	"000" Liters.	15,343	16,490	0.0
xi.	OTHERS		0.00	"000" Liters.	25,725	69,028	37.3
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	198,185	209,826	94.5
ii.	MOTOR TUBE		0.41	Nos.	62,834	58,071	108.2
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	476,100	147,805	322.1
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	4,101	4,878	84.1
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	3,166	-	-
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	72,340	57,782	125.2
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	1,349	2,645	51.0
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	56,710	47,968	118.2
ii.	AIR-CONDITIONERS		0.60	Nos.	26,762	12,651	211.5
iii.	DEEP FREEZERS		0.50	Nos.	1,112	2,333	47.7
iv.	WASHING MACHINES		0.50	Nos.	40,421	16,562	244.1
v.	MICROWAVE OVEN		0.50	Nos.	57,690	34,529	167.1
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	341	424	80.4
ii.	BUSES		0.77	Nos.	66	26	253.8
iii.	LCV'S		2.50	Nos.	1,253	2,207	56.8
iv.	MOTOR CYCLES		2.06	Nos.	133,997	131,745	101.7
v.	TRACTORS		0.25	Nos.	3,054	4,235	72.1
vi.	CARS		0.50	Nos.	9,859	17,576	56.1
vii.	VANS & JEEPS		1.18	Nos.	473	630	75.1
viii.	THREE WHEELERS		1.18	Nos.	5,170	5,661	91.3
	Grand Total	537	70.65				

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in 2020-21 (Jul-Feb) with 2019-20 (Jul-Feb)
					2020-21 (Jul-Feb)	2019-20 (Jul-Feb)	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	281,271	272,531	103.2
ii.	COOKING OIL		0.50	M.Tons	122,752	123,459	99.4
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	1,198,439	1,317,227	91.0
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	33,381	35,702	93.5
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	726,933	670,882	108.4
ii.	WATER*		0.85	"000" NOs.	132,665	124,953	106.2
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	157,287	145,699	108.0
ii.	COTTON FABRICS		4.13	"000" Sq. M	149,657	85,433	175.2
iii.	M.M.YARN		0.42	M.Tons	9,940	7,327	135.7
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	6,143	9,455	65.0
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	699	857	81.6
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	5,537,037	3,471,528	159.5
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	2,425	3,066	79.1
ii.	WRITTEN PAPER		0.01	M.Tons	1,655	2,390	69.2
iii.	PACKING & OTHER PAPER		0.01	M.Tons	13,507	12,658	106.7
iv.	ADVERTISING MATERIAL		0.01	M.Tons	199	191	104.2
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	15,723,397	16,370,783	96.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	61,492	50,784	121.1
iii.	CAPSULES		1.36	"000" NOs.	2,788,520	2,151,821	129.6
iv.	INJECTIONS		1.22	"000" NOs.	972,519	719,420	135.2
v.	OINTMENT		0.15	KGs.	1,639,002	1,775,447	92.3
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	16,390	19,943	82.2
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	1,779,558	1,801,257	98.8
ii.	AMONIA		3.50	M.Tons	270,307	454,078	59.5
iii.	DAP		3.50	M.Tons	479,766	510,797	93.9
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	617	979	63.0
ii.	VARNISH		0.32	"000" Liters.	2,060	3,584	57.5
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	49,039	37,933	129.3
ii.	DETERGENT POWDER		1.66	M.Tons	114,799	113,001	101.6

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in 2020-21 (Jul-Feb) with 2019-20 (Jul-Feb)
					2020-21 (Jul-Feb)	2019-20 (Jul-Feb)	
iii.	TOILET SOAP		1.66	M.Tons	14,894	15,066	98.9
iv.	TOOTH PASTE		1.66	M.Tons	7,083	5,968	118.7
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	15,862	15,403	103.0
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	139,672	192,384	72.6
iii.	KEROSENE OIL		9.32	"000" Liters.	2,019	5,722	35.3
iv.	H.S.D		9.32	"000" Liters.	1,006,841	841,721	119.6
v.	FURNACE OIL		9.32	"000" Liters.	412,023	479,775	85.9
vi.	ASPHALT 80-100		9.32	"000" Liters.	4,917	114,861	4.3
vii.	ASPHALT 60-70		9.32	"000" Liters.	41,536	20,138	206.3
viii.	MOTOR SPRIT		9.32	"000" Liters.	168,477	104,576	161.1
ix.	JET FUEL		9.32	"000" Liters.	96,816	91,979	105.3
x.	LUBRICATING OIL		9.32	"000" Liters.	108,646	29,238	371.6
xi.	OTHERS		0.00	"000" Liters.	199,582	288,999	69.1
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	1,832,356	1,703,377	107.6
ii.	MOTOR TUBE		0.41	Nos.	175,247	418,125	41.9
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	3,759,729	1,024,746	366.9
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	46,323	35,194	131.6
18.	<u>STEEL PRODUCTS</u>	2	1.02				
i.	STEEL PRODUCTS		1.02	M.Tons	12,898	-	0.0
19.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOS.	595,137	507,298	117.3
20.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	11,751	23,185	50.7
21.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	340,352	359,288	94.7
ii.	AIR-CONDITIONERS		0.60	Nos.	82,021	41,226	199.0
iii.	DEEP FREEZERS		0.50	Nos.	10,842	7,422	146.1
iv.	WASHING MACHINES		0.50	Nos.	241,210	186,470	129.4
v.	MICROWAVE OVEN		0.50	Nos.	317,074	247,327	128.2
22.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	1,919	2,474	77.6
ii.	BUSES		0.77	Nos.	383	390	98.2
iii.	LCV'S		2.50	Nos.	12,036	10,765	111.8
iv.	MOTOR CYCLES		2.06	Nos.	1,333,439	1,028,808	129.6
v.	TRACTORS		0.25	Nos.	30,429	21,579	141.0
vi.	CARS		0.50	Nos.	89,693	89,913	99.8
vii.	VANS & JEEPS		1.18	Nos.	6,671	3,110	214.5
viii.	THREE WHEELERS		1.18	Nos.	37,278	27,645	134.8
	Grand Total	537	70.65				

Table 5: Employment in Selected Large-Scale Manufacturing Sector, February-2021 Vs January-2021

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Feb:2021	Jan:2021	Feb:2021	Jan:2021
1	<u>VEGETABLE GHEE</u>	35	2,193	2,182	1,576	1,561
2	<u>SUGAR</u>	26	10,311	10,379	6,627	6,626
3	<u>TEA</u>	7	3,206	3,162	2,774	2,730
4	<u>BEVERAGES</u>	13	3,554	3,443	1,033	1,451
5	<u>COTTON TEXTILE</u>	133	53,028	53,107	40,721	40,809
6	<u>LEATHER TANNING</u>	30	6,597	6,554	5,527	5,524
7	<u>PAPER & PAPER BOARD</u>	6	1,962	2,078	1,396	1,492
8	<u>PHARMACEUTICALS</u>	78	6,845	6,511	3,565	3,071
9	<u>ACID, ALKALIES & SALT</u>	3	18	18	13	13
10	<u>FERTILIZER</u>	3	972	974	813	815
11	<u>PAINTS & VARNISH</u>	9	103	103	50	50
12	<u>SOAP</u>	38	2,742	2,705	1,584	1,569
13	<u>PETROLEUM PRODUCTS</u>	2	429	430	332	333
14	<u>TYRES & TUBES</u>	4	5,740	5,676	4,060	4,044
15	<u>CEMENT</u>	11	4,799	4,802	2,042	2,045
16	<u>STEEL PRODUCTS</u>	2	224	225	81	81
17	<u>M.S PRODUCTS</u>	28	1,082	1,083	972	1,017
18	<u>SAFETY RAZOR BLAD</u>	1	285	287	263	265
19	<u>SEWING MACHINES</u>	3	411	411	354	354
20	<u>ELEC. APPLIANCES</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	16,846	16,846	11,884	11,865
22	<u>STORAGE BATTERIES</u>	4	1,817	1,817	1,584	1,597
	Grand Total	456	123,916	123,542	87,914	87,974

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Feb:2021	Feb:2020	Feb:2021	Feb:2020
1	<u>VEGETABLE GHEE</u>	35	2,193	2,258	1,576	1,574
2	<u>SUGAR</u>	26	10,311	10,494	6,627	6,283
3	<u>TEA</u>	7	3,206	3,117	2,774	2,655
4	<u>BEVERAGES</u>	13	3,554	3,395	1,033	1,400
5	<u>COTTON TEXTILE</u>	133	53,028	53,452	40,721	41,202
6	<u>LEATHER TANNING</u>	30	6,597	6,344	5,527	5,605
7	<u>PAPER & PAPER BOARD</u>	6	1,962	2,246	1,396	1,600
8	<u>PHARMACEUTICALS</u>	78	6,845	6,271	3,565	3,659
9	<u>ACID, ALKALIES & SALT</u>	3	18	34	13	22
10	<u>FERTILIZER</u>	3	972	986	813	821
11	<u>PAINTS & VARNISH</u>	9	103	103	50	54
12	<u>SOAP</u>	38	2,742	2,086	1,584	1,817
13	<u>PETROLEUM PRODUCTS</u>	2	429	435	332	338
14	<u>TYRES & TUBES</u>	4	5,740	5,724	4,060	4,044
15	<u>CEMENT</u>	11	4,799	4,378	2,042	1,868
16	<u>STEEL PRODUCTS</u>	2	224	9,149	81	6,191
17	<u>M.S PRODUCTS</u>	28	1,082	827	972	670
18	<u>SAFETY RAZOR BLAD</u>	1	285	288	263	251
19	<u>SEWING MACHINES</u>	3	411	410	354	354
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	16,846	14,877	11,884	6,912
22	<u>STORAGE BATTERIES</u>	4	1,817	2,121	1,584	1,653
Grand Total		456	123,916	129,745	87,914	89,636

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Feb) 2020-21	(Jul-Feb) 2019-20	(Jul-Feb) 2020-21	(Jul-Feb) 2019-20
1	<u>VEGETABLE GHEE</u>	35	2,484	2,232	1,432	1,614
2	<u>SUGAR</u>	26	8,098	8,034	5,988	5,414
3	<u>TEA</u>	7	3,113	3,114	2,670	2,067
4	<u>BEVERAGES</u>	13	3,310	2,935	1,224	1,065
5	<u>COTTON TEXTILE</u>	133	53,411	54,476	41,042	42,383
6	<u>LEATHER TANNING</u>	30	6,685	6,576	5,604	5,551
7	<u>PAPER & PAPER BOARD</u>	6	2,133	2,256	1,520	1,635
8	<u>PHARMACEUTICALS</u>	78	6,596	6,206	3,196	3,425
9	<u>ACID, ALKALIES & SALT</u>	3	18	34	13	22
10	<u>FERTILIZER</u>	3	979	964	814	799
11	<u>PAINTS & VARNISH</u>	9	104	106	51	56
12	<u>SOAP</u>	38	2,192	2,584	1,646	2,267
13	<u>PETROLEUM PRODUCTS</u>	2	431	434	333	340
14	<u>TYRES & TUBES</u>	4	5,678	5,862	4,042	4,123
15	<u>CEMENT</u>	11	5,012	4,593	2,195	1,948
16	<u>STEEL PRODUCTS</u>	1	171	9,331	94	6,325
17	<u>M.S PRODUCTS</u>	28	1,081	827	878	670
18	<u>SAFETY RAZOR BLAD</u>	1	276	288	249	254
19	<u>SEWING MACHINES</u>	3	410	415	354	359
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	16,122	15,017	8,632	6,887
22	<u>STORAGE BATTERIES</u>	4	1,739	2,127	1,614	1,653
Grand Total		455	120,792	129,159	84,254	89,520

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

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LOCATION CODE

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PART-I GENERAL PARTICULARS

i) Name and Address of the Establishment _____

ii) Name, Designation, Telephone, Cell and _____

Fax# of the person to be contacted. _____

iii) Website and E-mail Address _____

PART-II PRODUCTION DATA

S.No	Major Items of Production	Code	Unit of Quantity	Code	Previous Month	Current Month	Reasons of Growth/ Decline

PART-III WORKING DAYS AND EMPLOYMENT

i) No. of days establishment worked _____

ii) No. of Production workers. Male _____ Female _____ Total _____

iii) No. of Non production workers Male _____ Female _____ Total _____

TOTAL (ii + iii)

Male _____ Female _____ Total _____

Note: Production Workers mean those who are directly associated with production. It includes those engaged in manufacturing, assembling packing repairing etc. Working Supervisor should also be included, Non production worker mean those who are not directly associated with production it includes Administrative Clerical and Services Staff like Chowkidar, Driver and Sweeper.

Signature _____

Designation _____

Date _____

Annexure – B: Important Definitions

Large Scale Manufacturing Industries

Establishments where 10 or more employees are working are called large Scale Manufacturing Industries.

Employees

Employees mean all persons whether part time or full time who work in the establishments and receive remuneration in cash or in kind. Working proprietors, unpaid family workers and home workers are excluded from the category of employee. There are two types of employees Production Workers and Non-Production Workers.

- **Production Workers**

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

- **Non-Production Workers**

Include administrative and professional employees, white-collar office employees, drivers, watchmen/guards, peons, sweepers, office boys, etc.

Annexure – C: Data Users

- Ministry of Industries & Production, Government of Pakistan.
- Planning & Development Department, Government of Sindh.
- Pakistan Bureau of Statistics, Government of Pakistan.
- State Bank of Pakistan.
- Provincial Bureaus of Statistics, Punjab, KPK and Baluchistan.
- Research & Training Wing, Planning & Development Department, Government of Sindh.



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