

MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH



October, 2019
Industries Section, BOS



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

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Sindh Monthly Survey of Industrial Production & Employment (MIPE)

October, 2019



Bureau of Statistics
Planning & Development Department
Government of Sindh

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Preface

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

This report contains information on 61 items manufactured in 22 selected large scale industrial sectors covering 535 industrial establishments (selection on the basis of CMI 2005-06). These industries account for 69.6% of total value added of large scale manufacturing sector in Sindh.

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

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

Pervaiz Ahmed Chandio
Director General
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Planning & Development Department
Government of Sindh

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Introduction

Industrial Sector is of great importance for economic development of country. It is historical fact that countries with strong industrial sector have showed more economic growth and development industrial sector have shown improvement in national income and promoted living standard of population. Industrial Sector is the highly important individual sector of the economy accounting for share of the Pakistan GDP.

Sindh Bureau of Statistics conducts Monthly Survey of Industrial Production and Employment (MIPE) to collect information on 61 items manufactured in 22 selected large scale Industrial sectors covering 535 establishments in Sindh. These industries account for 69.6% of total value added in terms of production during 2005-06, Census of Manufacturing Industries. In addition to collection, compilation, tabulation and processing of data, Bureau of Statistics also computes monthly Quantum Index of Manufacturing.

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**.

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 response rate.

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.

Quantum Index of Manufacturing (QIM)

Sindh bureau of Statistics is computing Index on Industrial Production using 2005-06 as base year. Index Series is generated by using Laspayer's Index.

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

Equation 1 Laspayer's Index

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

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

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

$\sum_{i=1}^n w_i$ = Total Weight of 22 large scale industrial sectors covering 535 establishments in the base period with respect to the total value added of all the industries covered in CMI in the base year 2005-06.

Report Analysis

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

- Overall Production in October, 2019 is increased by 3.86% as compared to last (i.e. month September, 2019)
- Overall Production in October, 2019 is decreased by 1.90% as compared to corresponding month of last year (i.e. October, 2018)
- Cumulative production from July to October (2019-20) is almost same as the cumulative production from July to September (2018-19)
- Employment during October, 2019 increased around 1% as compared to previous month (i.e. September, 2019)
- Employment during October, 2019 is 5.34% higher than October, 2018.
- Average monthly employment during the period of July-October (2019-20) is 5.97% higher as compared to the corresponding period of July-October (2018-19).

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
July	255.7	284.0	327.0	290.8	259.7
August	266.0	287.7	336.4	265.5	220.9
September	274.2	281.5	330.9	311.3	266.7
October	247.0	291.4	355.7	287.0	277.0
November	283.7	317.1	343.2	273.3	
December	261.7	302.8	341.5	265.2	
January	297.4	286.1	374.0	321.3	
February	293.2	283.3	324.5	309.0	
March	253.9	275.6	341.4	279.7	
April	250.6	276.8	338.5	258.2	
May	254.4	283.9	311.3	248.2	
June	259.0	258.1	307.4	257.6	
Average (Geometric Mean)	265.9	285.4	335.5	279.7	

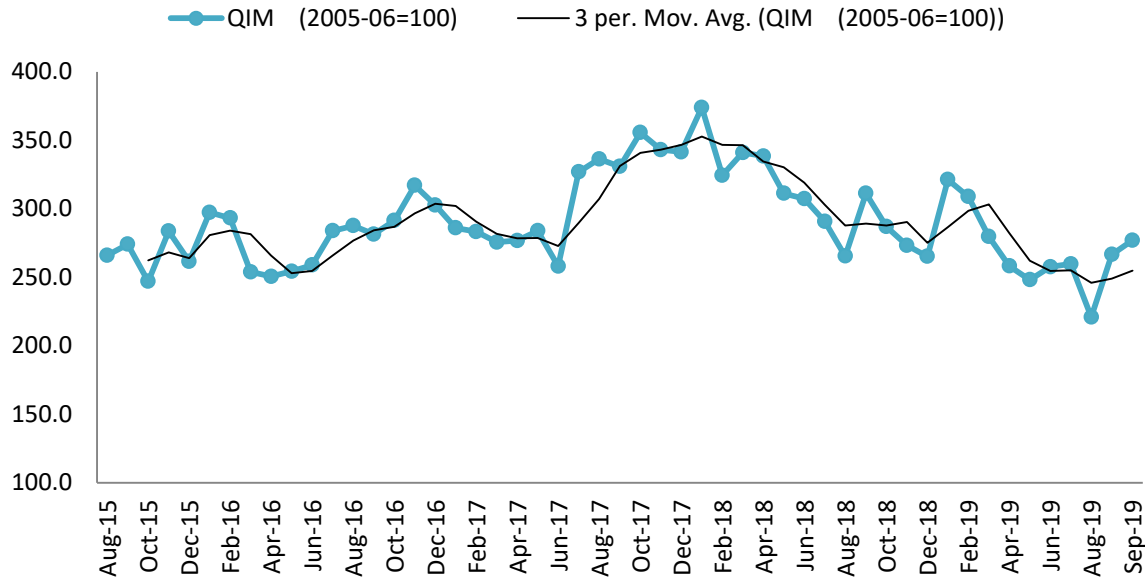


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

After the decline from the start of calendar year 2019, last two months are showing increase in industrial production. Cumulative production on last financial year 2018-19 and current financial year 2019-20 are on the same level. In the month of Oct, 2019 major increase in the QIM is due to increase in production of Tea, Petroleum products and Tractors.

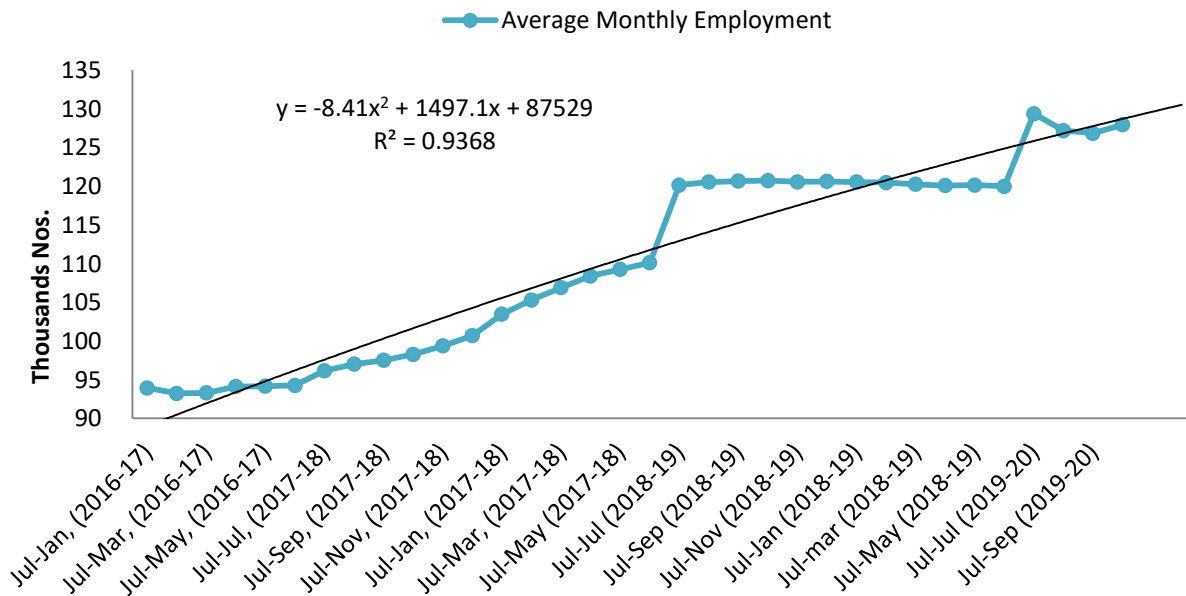


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

Overall graph of employment in large-scale manufacturing sector is showing increasing trend. As last two consecutive months shown upward production index, in this connection the fitted model with $R^2 = 94\%$ is predicting a positive growth in LSM Employment in next month.

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, October-2019 Vs September-2019

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in Oct:2019 with Sep: 2019
					Oct:2019	Sep:2019	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	34,113	34,262	99.6
ii.	COOKING OIL		0.50	M.Tons	15,887	14,460	109.9
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	4,206	4,758	88.4
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	87,714	88,670	98.9
ii.	WATER*		0.85	"000" NOs.	18,790	17,558	107.0
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	20,096	18,883	106.4
ii.	COTTON FABRICS		4.13	"000" Sq. M	53	12,205	0.4
iii.	M.M.YARN		0.42	M.Tons	979	1,282	76.4
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	1,373	1,126	121.9
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	101	107	94.4
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	780,401	1,122,187	69.5
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	369	373	99.0
ii.	WRITTEN PAPER		0.01	M.Tons	313	340	92.0
iii.	PACKING & OTHER PAPER		0.01	M.Tons	1,801	1,291	139.5
iv.	ADVERTISING MATERIAL*		0.01	M.Tons	26	21	123.8
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,041,297	1,993,245	102.4
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	6,843	5,686	120.3
iii.	CAPSULES		1.36	"000" NOs.	246,707	241,963	102.0
iv.	INJECTIONS		1.22	"000" NOs.	85,602	73,360	116.7
v.	OINTMENT		0.15	KGs.	207,789	217,810	95.4
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,955	2,164	136.6
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	239,719	227,051	105.6
ii.	AMONIA		3.50	M.Tons	121,817	45,382	268.4
iii.	DAP*		3.50	M.Tons	75,010	72,556	103.4
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	122	141	86.5
ii.	VARNISH		0.32	"000" Liters.	445	443	100.5
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	5,283	4,147	127.4
ii.	DETERGENT POWDER		1.66	M.Tons	14,906	14,139	105.4
iii.	TOILET SOAP		1.66	M.Tons	1,730	2,020	85.6
iv.	TOOTH PASTE*		1.66	M.Tons	796	801	99.4
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	1,721	2,038	84.5

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 Oct:2019 with Sep: 2019
					Oct:2019	Sep:2019	
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	48,742	32,317	150.8
iii.	KEROSENE OIL		9.32	"000" Liters.	-	960	
iv.	H.S.D		9.32	"000" Liters.	139,049	136,276	102.0
v.	FURNACE OIL		9.32	"000" Liters.	90,503	69,231	130.7
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	292	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	-	-	
viii.	MOTOR SPRIT		9.32	"000" Liters.	22,129	21,410	103.4
ix.	JET FUEL		9.32	"000" Liters.	9,435	8,458	111.6
x.	LUBRICATING OIL		9.32	"000" Liters.	-	-	
xi.	OTHERS*		0.00	"000" Liters.	31,269	45,128	69.3
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	220,491	202,847	108.7
ii.	MOTOR TUBE		0.41	Nos.	45,883	53,783	85.3
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	137,830	78,704	175.1
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	4,209	3,686	114.2
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	59,655	67,830	87.9
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	2,910	3,120	93.3
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	39,636	40,638	97.5
ii.	AIR-CONDITIONERS		0.60	Nos.	266	860	30.9
iii.	DEEP FREEZERS		0.50	Nos.	416	59	705.1
iv.	WASHING MACHINES		0.50	Nos.	27,739	22,143	125.3
v.	MICROWAVE OVEN*		0.50	Nos.	19,626	30,200	65.0
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	358	233	153.6
ii.	BUSES		0.77	Nos.	50	35	142.9
iii.	LCV'S		2.50	Nos.	1,130	1,471	76.8
iv.	MOTOR CYCLES		2.06	Nos.	154,433	124,093	124.4
v.	TRACTORS		0.25	Nos.	3,889	4,016	96.8
vi.	CARS		0.50	Nos.	9,547	9,090	105.0
vii.	VANS & JEEPS*		1.18	Nos.	663	97	683.5
viii.	THREE WHEELERS*		1.18	Nos.	4,224	3,623	116.6
Grand Total		535	69.63				

*New items are reporting from selected companies added since July (2019-20)

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, October-2019 Vs October -2018

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 Oct:2019 with Oct:2018
					Oct:2019	Oct:2018	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	34,113	34,254	99.6
ii.	COOKING OIL		0.50	M.Tons	15,887	15,126	105.0
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	-	-	
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	4,206	6,988	60.2
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	87,714	118,374	74.1
ii.	WATER*		0.85	"000" NOs.	18,790		
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	20,096	20,664	97.3
ii.	COTTON FABRICS		4.13	"000" Sq. M	53	11,526	0.5
iii.	M.M.YARN		0.42	M.Tons	979	1,462	67.0
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	1,373	1,102	124.6
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	101	99	102.0
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	780,401	1,065,482	73.2
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	369	338	109.2
ii.	WRITTEN PAPER		0.01	M.Tons	313	299	104.7
iii.	PACKING & OTHER PAPER		0.01	M.Tons	1,801	1,975	91.2
iv.	ADVERTISING MATERIAL*		0.01	M.Tons	26		
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,041,297	2,122,149	96.2
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	6,843	7,256	94.3
iii.	CAPSULES		1.36	"000" NOs.	246,707	240,145	102.7
iv.	INJECTIONS		1.22	"000" NOs.	85,602	79,387	107.8
v.	OINTMENT		0.15	KGs.	207,789	231,943	89.6
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,955	2,476	119.3
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	239,719	215,809	111.1
ii.	AMONIA		3.50	M.Tons	121,817	40,596	300.1
iii.	DAP*		3.50	M.Tons	75,010		
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	122	112	108.9
ii.	VARNISH		0.32	"000" Liters.	445	569	78.2
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	5,283	4,860	108.7
ii.	DETERGENT POWDER		1.66	M.Tons	14,906	13,237	112.6
iii.	TOILET SOAP		1.66	M.Tons	1,730	2,655	65.2
iv.	TOOTH PASTE*		1.66	M.Tons	796		

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 Oct:2019 with Oct:2018
					Oct:2019	Oct:2018	
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	1,721	2,585	66.6
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	48,742	38,648	126.1
iii.	KEROSENE OIL		9.32	"000" Liters.	-	1,550	0.0
iv.	H.S.D		9.32	"000" Liters.	139,049	127,541	109.0
v.	FURNACE OIL		9.32	"000" Liters.	90,503	82,027	110.3
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	6,202	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	-	-	
viii.	MOTOR SPRIT		9.32	"000" Liters.	22,129	13,051	169.6
ix.	JET FUEL		9.32	"000" Liters.	9,435	7,542	125.1
x.	LUBRICATING OIL		9.32	"000" Liters.	-	-	
xi.	OTHERS*		0.00	"000" Liters.	31,269	-	
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	220,491	258,836	85.2
ii.	MOTOR TUBE		0.41	Nos.	45,883	72,954	62.9
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	137,830	138,191	99.7
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	4,209	4,974	84.6
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	59,655	75,698	78.8
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	2,910	2,930	99.3
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	39,636	28,302	140.0
ii.	AIR-CONDITIONERS		0.60	Nos.	266	4,431	6.0
iii.	DEEP FREEZERS		0.50	Nos.	416	259	160.6
iv.	WASHING MACHINES		0.50	Nos.	27,739	17,628	157.4
v.	MICROWAVE OVEN*		0.50	Nos.	19,626		
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	358	697	51.4
ii.	BUSES		0.77	Nos.	50	61	82.0
iii.	LCV'S		2.50	Nos.	1,130	2,143	52.7
iv.	MOTOR CYCLES		2.06	Nos.	154,433	180,779	85.4
v.	TRACTORS		0.25	Nos.	3,889	6,382	60.9
vi.	CARS		0.50	Nos.	9,547	21,553	44.3
vii.	VANS & JEEPS*		1.18	Nos.	663		
viii.	THREE WHEELERS*		1.18	Nos.	4,224		
Grand Total		535	69.63				

*New items are reporting from selected companies added since July (2019-20)

Table 4: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector,
2019-20 (Jul to Oct) Vs 2018-19 (Jul to Oct)

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in 2019-20 (Jul-Oct) with 2018-19 (Jul-Oct)
					2019-20 (Jul-Oct)	2018-19 (Jul-Oct)	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	138,424	137,309	100.8
ii.	COOKING OIL		0.50	M.Tons	58,245	61,383	94.9
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	18,733	26,553	70.5
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	322,569	475,382	67.9
ii.	WATER*		0.85	"000" NOs.	73,842		
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	78,153	86,598	90.2
ii.	COTTON FABRICS		4.13	"000" Sq. M	12,312	53,194	23.1
iii.	M.M.YARN		0.42	M.Tons	4,573	12,294	37.2
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	4,592	4,523	101.5
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	422	398	106.1
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	1,902,588	2,308,270	82.4
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	1,443	1,274	113.2
ii.	WRITTEN PAPER		0.01	M.Tons	1,104	1,203	91.8
iii.	PACKING & OTHER PAPER		0.01	M.Tons	5,823	6,930	84.0
iv.	ADVERTISING MATERIAL*		0.01	M.Tons	87		
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	7,997,288	8,206,679	97.4
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	21,932	29,594	74.1
iii.	CAPSULS		1.36	"000" NOs.	970,921	952,161	102.0
iv.	INJECTIONS		1.22	"000" NOs.	311,673	312,436	99.8
v.	OINTMENT		0.15	KGs.	845,617	922,520	91.7
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	10,647	10,055	105.9
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	938,738	877,324	107.0
ii.	AMONIA		3.50	M.Tons	261,357	179,627	145.5
iii.	DAP*		3.50	M.Tons	299,021		
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	497	463	107.3
ii.	VARNISH		0.32	"000" Liters.	1,665	2,060	80.8
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	18,025	16,625	108.4
ii.	DETERGENT POWDER		1.66	M.Tons	56,413	53,697	105.1
iii.	TOILET SOAP		1.66	M.Tons	7,800	9,815	79.5
iv.	TOOTH PASTE*		1.66	M.Tons	2,823		

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in 2019-20 (Jul-Oct) with 2018-19 (Jul-Oct)
					2019-20 (Jul-Oct)	2018-19 (Jul-Oct)	
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	8,620	9,645	89.4
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	121,005	99,495	121.6
iii.	KEROSENE OIL		9.32	"000" Liters.	1,990	2,174	91.5
iv.	H.S.D		9.32	"000" Liters.	496,232	461,073	107.6
v.	FURNACE OIL		9.32	"000" Liters.	316,024	283,579	111.4
vi.	ASPHALT 80-100		9.32	"000" Liters.	69,528	17,041	408.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	6,863	25,353	27.1
viii.	MOTOR SPRIT		9.32	"000" Liters.	65,605	131,997	49.7
ix.	JET FUEL		9.32	"000" Liters.	49,029	70,597	69.4
x.	LUBRICATING OIL		9.32	"000" Liters.	7,650	49,842	15.3
xi.	OTHERS*		0.00	"000" Liters.	127,685	1,186	
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	859,199	923,158	93.1
ii.	MOTOR TUBE		0.41	Nos.	188,478	160,980	117.1
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	457,006	482,329	94.7
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	16,839	11,920	141.3
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	274,015	269,908	101.5
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	12,190	9,571	127.4
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	200,268	198,317	101.0
ii.	AIR-CONDITIONERS		0.60	Nos.	14,620	32,915	44.4
iii.	DEEP FREEZERS		0.50	Nos.	4,361	7,137	61.1
iv.	WASHING MACHINES		0.50	Nos.	87,723	68,113	128.8
v.	MICROWAVE OVEN*		0.50	Nos.	115,373		
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	1,157	2,746	42.1
ii.	BUSES		0.77	Nos.	207	342	60.5
iii.	LCV'S		2.50	Nos.	6,624	9,160	72.3
iv.	MOTOR CYCLES		2.06	Nos.	446,245	618,100	72.2
v.	TRACTORS		0.25	Nos.	13,478	20,321	66.3
vi.	CARS		0.50	Nos.	45,745	79,741	57.4
vii.	VANS & JEEPS*		1.18	Nos.	1,530		
viii.	THREE WHEELERS*		1.18	Nos.	12,683		
Grand Total		535	69.63				

*New items are reporting from selected companies added since July (2019-20)

Table 5: Employment in Selected Large-Scale Manufacturing Sector, October-2019 Vs September-2019

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Oct:2019	Sep:2019	Oct:2019	Sep:2019
1	<u>VEGETABLE GHEE</u>	35	2,217	2,217	1,634	1,634
2	<u>SUGAR</u>	26	8,407	8,096	5,167	4,886
3	<u>TEA</u>	7	3,124	3,124	2,662	329
4	<u>BEVERAGES</u>	13	2,656	2,656	760	760
5	<u>COTTON TEXTILE</u>	133	54,651	54,651	43,091	43,091
6	<u>LEATHER TANNING</u>	30	6,547	5,595	5,477	4,686
7	<u>PAPER & PAPER BOARD</u>	6	2,254	2,254	1,652	1,652
8	<u>PHARMACEUTICALS</u>	78	6,145	6,145	3,683	3,683
9	<u>ACID, ALKALIES & SALT</u>	3	34	34	22	22
10	<u>FERTILIZER</u>	3	966	966	801	801
11	<u>PAINTS & VARNISH</u>	9	106	106	57	57
12	<u>SOAP</u>	38	2,750	2,750	2,417	2,417
13	<u>PETROLEUM PRODUCTS</u>	2	434	434	342	342
14	<u>TYRES & TUBES</u>	4	5,888	5,888	4,140	4,140
15	<u>CEMENT</u>	11	4,436	4,436	1,890	1,890
16	<u>STEEL PRODUCTS</u>	1	9,474	9,474	6,394	6,394
17	<u>M.S PRODUCTS</u>	28	827	827	670	670
18	<u>SAFETY RAZOR BLAD</u>	1	288	288	255	255
19	<u>SEWING MACHINES</u>	3	416	416	360	360
20	<u>ELEC. APPLIANCES</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	15,095	15,095	6,912	6,912
22	<u>STORAGE BATTERIES</u>	4	2,137	2,137	1,633	1,633
	Grand Total	455	129,602	128,338	90,682	87,276

Table 6: Employment in Selected Large-Scale Manufacturing Sector, October-2019 Vs October-2018

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Oct:2019	Oct:2018	Oct:2019	Oct:2018
1	<u>VEGETABLE GHEE</u>	35	2,217	2,496	1,634	1,854
2	<u>SUGAR</u>	26	8,407	8,958	5,167	5,670
3	<u>TEA</u>	7	3,124	143	2,662	100
4	<u>BEVERAGES</u>	13	2,656	4,119	760	1,968
5	<u>COTTON TEXTILE</u>	133	54,651	57,234	43,091	43,791
6	<u>LEATHER TANNING</u>	30	6,547	5,698	5,477	4,833
7	<u>PAPER & PAPER BOARD</u>	6	2,254	578	1,652	487
8	<u>PHARMACEUTICALS</u>	78	6,145	9,550	3,683	5,947
9	<u>ACID, ALKALIES & SALT</u>	3	34	34	22	22
10	<u>FERTILIZER</u>	3	966	336	801	247
11	<u>PAINTS & VARNISH</u>	9	106	103	57	50
12	<u>SOAP</u>	38	2,750	3,835	2,417	3,471
13	<u>PETROLEUM PRODUCTS</u>	2	434	427	342	354
14	<u>TYRES & TUBES</u>	4	5,888	6,168	4,140	4,280
15	<u>CEMENT</u>	11	4,436	5,179	1,890	2,195
16	<u>STEEL PRODUCTS</u>	1	9,474	10,455	6,394	7,312
17	<u>M.S PRODUCTS</u>	28	827	1,081	670	899
18	<u>SAFETY RAZOR BLAD</u>	1	288	287	255	258
19	<u>SEWING MACHINES</u>	3	416	141	360	103
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	15,095	3,384	6,912	2,628
22	<u>STORAGE BATTERIES</u>	4	2,137	2,076	1,633	1,335
	Grand Total	455	129,602	123,031	90,682	88,467

Table 7: Average Monthly Employment in Selected Large Scale Manufacturing Sector, 2019-20 (Jul to Oct) Vs 2018-19 (Jul to Oct)

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Oct) 2019-20	(Jul-Oct) 2018-19	(Jul-Oct) 2019-20	(Jul-Oct) 2018-19
1	<u>VEGETABLE GHEE</u>	35	2,213	2,550	1,637	1,933
2	<u>SUGAR</u>	26	8,420	8,805	5,169	5,648
3	<u>TEA</u>	7	3,087	143	1,478	100
4	<u>BEVERAGES</u>	13	2,628	4,124	855	1,954
5	<u>COTTON TEXTILE</u>	133	54,651	57,231	42,935	43,791
6	<u>LEATHER TANNING</u>	30	6,711	5,814	5,612	4,921
7	<u>PAPER & PAPER BOARD</u>	6	2,256	577	1,648	487
8	<u>PHARMACEUTICALS</u>	78	6,193	9,700	3,184	6,320
9	<u>ACID, ALKALIES & SALT</u>	3	34	34	22	22
10	<u>FERTILIZER</u>	3	965	348	800	257
11	<u>PAINTS & VARNISH</u>	9	106	107	57	54
12	<u>SOAP</u>	38	2,750	3,399	2,417	3,032
13	<u>PETROLEUM PRODUCTS</u>	2	435	420	343	346
14	<u>TYRES & TUBES</u>	4	5,935	6,158	4,164	4,279
15	<u>CEMENT</u>	11	4,755	5,213	1,986	2,196
16	<u>STEEL PRODUCTS</u>	1	9,432	10,455	6,409	7,314
17	<u>M.S PRODUCTS</u>	28	827	1,081	670	899
18	<u>SAFETY RAZOR BLAD</u>	1	288	288	256	260
19	<u>SEWING MACHINES</u>	3	416	149	360	108
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	15,095	3,397	6,912	2,638
22	<u>STORAGE BATTERIES</u>	4	2,137	2,018	1,657	1,231
	Grand Total	455	130,084	122,760	89,233	88,453

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**

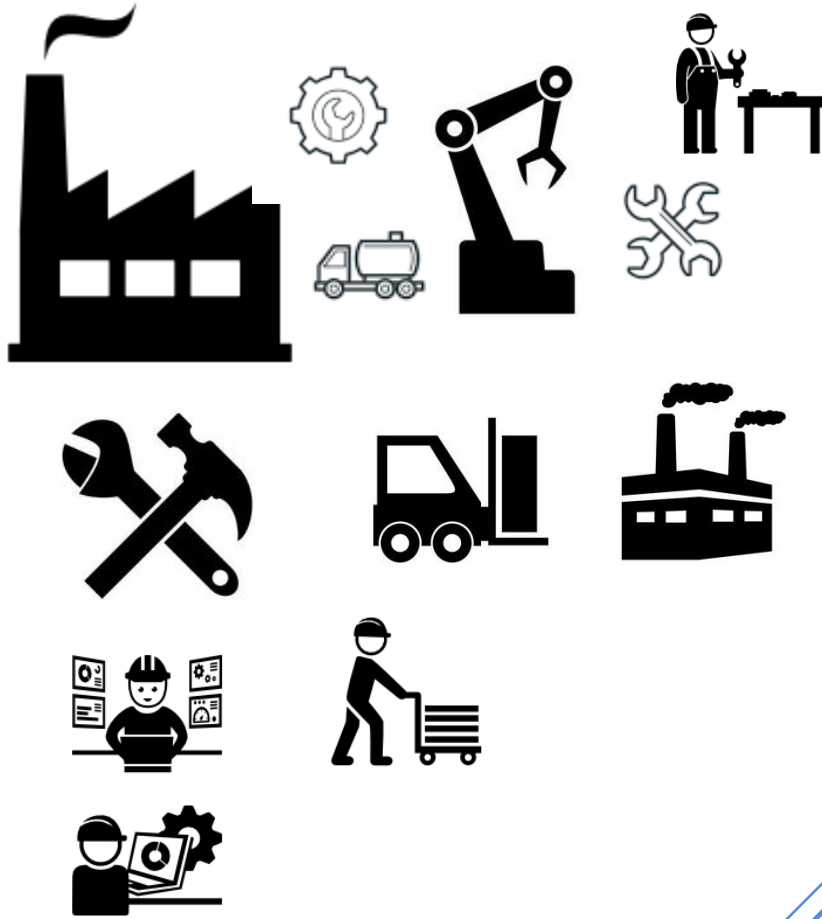
Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

- **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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