

MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH



**November,
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)

November, 2019



Bureau of Statistics
Planning & Development Department
Government of Sindh
www.sindhbos.gov.pk
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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 November, 2019 is increased by 1.20% as compared to last (i.e. month October, 2019)
- Overall Production in November, 2019 is increased by 6.06% as compared to corresponding month of last year (i.e. November, 2018)
- Cumulative production from July to November (2019-20) is 3.12% higher than the cumulative production from July to November (2018-19)
- Employment during November, 2019 increased 1.19% as compared to previous month (i.e. October, 2019)
- Employment during November, 2019 is 7.44% higher than November, 2018.
- Average monthly employment during the period of July-November (2019-20) is 6.26% higher as compared to the corresponding period of July-November (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	280.3
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	

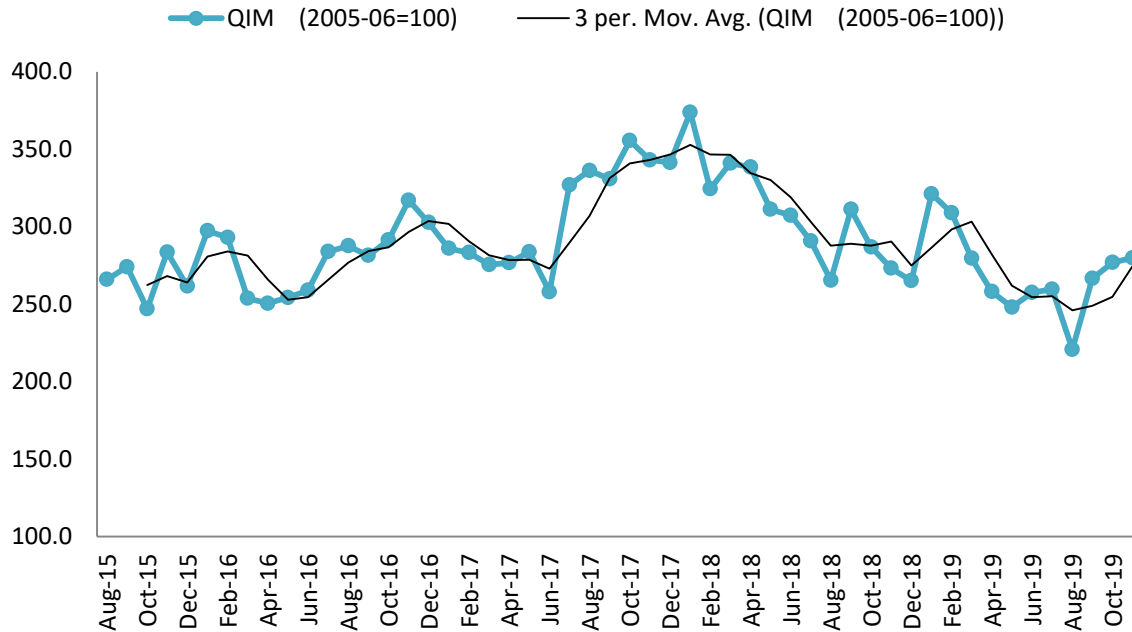


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

Current month again shows increase in production index, the possible reason of this gradual increase of industrial production may be stability in the exchange rate of Pakistan which affects directly to the industrial production. However the gradient of QIM curve is almost uniform shape.

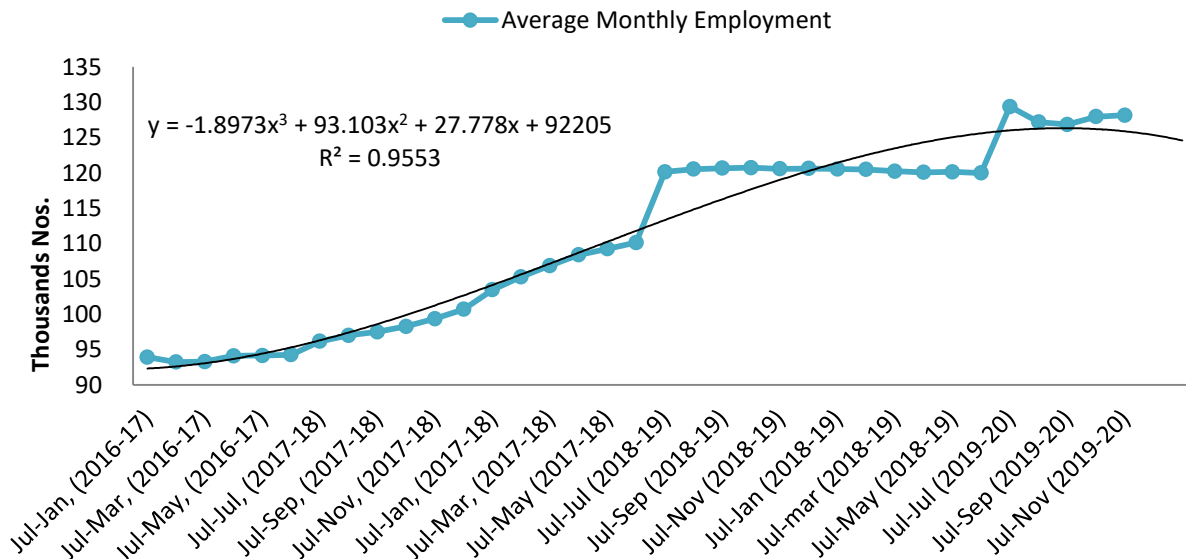


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

Last three consecutive months shown upward production index similarly positive growth observed in Large Scale Manufacturing Sector. Overall graph of employment in LSM is also showing increasing trend. The fitted quadratic model with $R^2 = 95\%$ is predicting slight decline in LSM Employment in near future.

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, November-2019 Vs October-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 Nov:2019 with Oct: 2019
					Nov:2019	Oct:2019	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	33,726	34,113	98.9
ii.	COOKING OIL		0.50	M.Tons	15,252	15,887	96.0
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	17,684	-	
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	4,473	4,206	106.3
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	81,722	87,714	93.2
ii.	WATER*		0.85	"000" NOs.	1,953	18,790	10.4
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	14,153	20,096	70.4
ii.	COTTON FABRICS		4.13	"000" Sq. M	12,203	12,191	100.1
iii.	M.M.YARN		0.42	M.Tons	971	979	99.2
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	1,287	1,373	93.7
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	105	101	104.0
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	853,107	780,401	109.3
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	407	369	110.3
ii.	WRITTEN PAPER		0.01	M.Tons	276	313	88.2
iii.	PACKING & OTHER PAPER		0.01	M.Tons	2,150	1,801	119.4
iv.	ADVERTISING MATERIAL*		0.01	M.Tons	33	26	126.9
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,102,263	2,041,297	103.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	7,353	6,843	107.5
iii.	CAPSULES		1.36	"000" NOs.	342,836	246,707	139.0
iv.	INJECTIONS		1.22	"000" NOs.	96,292	85,602	112.5
v.	OINTMENT		0.15	KGs.	233,610	207,789	112.4
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,691	2,955	91.1
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	212,402	239,719	88.6
ii.	AMONIA		3.50	M.Tons	117,902	121,817	96.8
iii.	DAP*		3.50	M.Tons	72,857	75,010	97.1
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	117	122	95.9
ii.	VARNISH		0.32	"000" Liters.	528	445	118.7
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	5,251	5,283	99.4
ii.	DETERGENT POWDER		1.66	M.Tons	14,518	14,906	97.4
iii.	TOILET SOAP		1.66	M.Tons	1,450	1,730	83.8
iv.	TOOTH PASTE*		1.66	M.Tons	780	796	98.0
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,846	1,721	165.4

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 Nov:2019 with Oct: 2019
					Nov:2019	Oct:2019	
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	29,174	48,742	59.9
iii.	KEROSENE OIL		9.32	"000" Liters.	1,619	-	
iv.	H.S.D		9.32	"000" Liters.	116,844	139,049	84.0
v.	FURNACE OIL		9.32	"000" Liters.	60,538	90,503	66.9
vi.	ASPHALT 80-100		9.32	"000" Liters.	920	-	
vii.	ASPHALT 60-70		9.32	"000" Liters.	3,589	-	
viii.	MOTOR SPRIT		9.32	"000" Liters.	21,291	22,129	96.2
ix.	JET FUEL		9.32	"000" Liters.	19,903	9,435	210.9
x.	LUBRICATING OIL		9.32	"000" Liters.	-	-	
xi.	OTHERS*		0.00	"000" Liters.	28,745	31,269	91.9
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	204,060	220,491	92.5
ii.	MOTOR TUBE		0.41	Nos.	61,416	45,883	133.9
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	158,793	137,830	115.2
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	4,493	4,209	106.7
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	62,307	59,655	104.4
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	2,880	2,910	99.0
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	26,480	39,636	66.8
ii.	AIR-CONDITIONERS		0.60	Nos.	311	266	116.9
iii.	DEEP FREEZERS		0.50	Nos.	148	416	35.6
iv.	WASHING MACHINES		0.50	Nos.	27,865	27,739	100.5
v.	MICROWAVE OVEN*		0.50	Nos.	26,088	19,626	132.9
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	305	358	85.2
ii.	BUSES		0.77	Nos.	64	50	128.0
iii.	LCV'S		2.50	Nos.	644	1,130	57.0
iv.	MOTOR CYCLES		2.06	Nos.	141,167	154,433	91.4
v.	TRACTORS		0.25	Nos.	2,409	3,889	61.9
vi.	CARS		0.50	Nos.	6,744	9,547	70.6
vii.	VANS & JEEPS*		1.18	Nos.	363	663	54.8
viii.	THREE WHEELERS*		1.18	Nos.	3,834	4,224	90.8
	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, November-2019 Vs November -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 Nov:2019 with Nov:2018
					Nov:2019	Nov:2018	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	33,726	32,089	105.1
ii.	COOKING OIL		0.50	M.Tons	15,252	15,462	98.6
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	17,684	15,019	117.7
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	4,473	7,002	63.9
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	81,722	119,934	68.1
ii.	WATER*		0.85	"000" NOs.	1,953		
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	14,153	17,214	82.2
ii.	COTTON FABRICS		4.13	"000" Sq. M	12,203	11,525	105.9
iii.	M.M.YARN		0.42	M.Tons	971	1,483	65.5
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	1,287	1,259	102.2
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	105	95	110.5
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	853,107	885,215	96.4
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	407	309	131.7
ii.	WRITTEN PAPER		0.01	M.Tons	276	312	88.5
iii.	PACKING & OTHER PAPER		0.01	M.Tons	2,150	1,868	115.1
iv.	ADVERTISING MATERIAL*		0.01	M.Tons	33		
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	2,102,263	2,120,215	99.2
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	7,353	7,821	94.0
iii.	CAPSULES		1.36	"000" NOs.	342,836	311,187	110.2
iv.	INJECTIONS		1.22	"000" NOs.	96,292	89,124	108.0
v.	OINTMENT		0.15	KGs.	233,610	236,885	98.6
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	2,691	2,071	129.9
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	212,402	218,161	97.4
ii.	AMONIA		3.50	M.Tons	117,902	45,387	259.8
iii.	DAP*		3.50	M.Tons	72,857		
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	117	104	112.5
ii.	VARNISH		0.32	"000" Liters.	528	549	96.2
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	5,251	4,510	116.4
ii.	DETERGENT POWDER		1.66	M.Tons	14,518	15,458	93.9
iii.	TOILET SOAP		1.66	M.Tons	1,450	2,985	48.6
iv.	TOOTH PASTE*		1.66	M.Tons	780		
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				
i.	L.P.G		9.32	"000" Liters.	2,846	2,881	98.8

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in Nov:2019 with Nov:2018
					Nov:2019	Nov:2018	
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	29,174	22,751	128.2
iii.	KEROSENE OIL		9.32	"000" Liters.	1,619	-	
iv.	H.S.D		9.32	"000" Liters.	116,844	146,587	79.7
v.	FURNACE OIL		9.32	"000" Liters.	60,538	71,549	84.6
vi.	ASPHALT 80-100		9.32	"000" Liters.	920	8,958	10.3
vii.	ASPHALT 60-70		9.32	"000" Liters.	3,589	-	
viii.	MOTOR SPRIT		9.32	"000" Liters.	21,291	20,573	103.5
ix.	JET FUEL		9.32	"000" Liters.	19,903	7,818	254.6
x.	LUBRICATING OIL		9.32	"000" Liters.	-	-	
xi.	OTHERS*		0.00	"000" Liters.	28,745	-	
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	204,060	251,413	81.2
ii.	MOTOR TUBE		0.41	Nos.	61,416	52,499	117.0
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	158,793	91,005	174.5
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	4,493	4,840	92.8
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	62,307	65,635	94.9
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	2,880	3,415	84.3
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	26,480	21,668	122.2
ii.	AIR-CONDITIONERS		0.60	Nos.	311	15,614	2.0
iii.	DEEP FREEZERS		0.50	Nos.	148	167	88.6
iv.	WASHING MACHINES		0.50	Nos.	27,865	12,068	230.9
v.	MICROWAVE OVEN*		0.50	Nos.	26,088		
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	305	549	55.6
ii.	BUSES		0.77	Nos.	64	99	64.6
iii.	LCV'S		2.50	Nos.	644	1,796	35.9
iv.	MOTOR CYCLES		2.06	Nos.	141,167	140,880	100.2
v.	TRACTORS		0.25	Nos.	2,409	3,938	61.2
vi.	CARS		0.50	Nos.	6,744	19,521	34.5
vii.	VANS & JEEPS*		1.18	Nos.	363		
viii.	THREE WHEELERS*		1.18	Nos.	3,834		
	Grand Total	535	69.63				

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

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

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-Nov) with 2018-19 (Jul-Nov)
					2019-20 (Jul-Nov)	2018-19 (Jul-Nov)	
1.	<u>VEGETABLE GHEE</u>	35	1.61				
i.	VEGETABLE GHEE		1.11	M.Tons	172,150	169,398	101.6
ii.	COOKING OIL		0.50	M.Tons	73,497	76,845	95.6
2.	<u>SUGAR</u>	26	4.32				
i.	SUGAR		4.32	M.Tons	17,684	15,019	117.7
3.	<u>TEA</u>	7	1.23				
i.	TEA		1.23	M.Tons	23,206	33,555	69.2
4.	<u>BEVERAGES</u>	13	0.85				
i.	BEVERAGES		0.85	"000" NOs.	404,291	595,316	67.9
ii.	WATER*		0.85	"000" NOs.	75,795		
5.	<u>COTTON TEXTILE</u>	133	13.65				
i.	COTTON YARN		9.10	M.Tons	92,306	103,812	88.9
ii.	COTTON FABRICS		4.13	"000" Sq. M	60,966	64,719	94.2
iii.	M.M.YARN		0.42	M.Tons	5,544	13,777	40.2
6.	<u>LEATHER TANNING</u>	30	0.29				
i.	UPPER LEATHER		0.07	"000" Sq. M.	5,879	5,782	101.7
ii.	WET BLUE TANNED		0.22	"000" Sq. M.	527	493	107.0
7.	<u>COTTON GINNING & PRESSING</u>	85	3.30				
i.	C.G.& PRESSING		3.30	Bales	2,755,695	3,193,485	86.3
8.	<u>PAPER & PAPER BOARD</u>	6	0.01				
i.	PRINTING PAPER		0.01	M.Tons	1,850	1,583	116.8
ii.	WRITTEN PAPER		0.01	M.Tons	1,380	1,515	91.1
iii.	PACKING & OTHER PAPER		0.01	M.Tons	7,973	8,798	90.6
iv.	ADVERTISING MATERIAL*		0.01	M.Tons	120		
9.	<u>PHARMACEUTICALS</u>	78	6.37				
i.	TABLETS		1.67	"000" NOs.	10,099,551	10,326,894	97.8
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	29,285	37,415	78.3
iii.	CAPSULS		1.36	"000" NOs.	1,313,757	1,263,348	104.0
iv.	INJECTIONS		1.22	"000" NOs.	407,965	401,560	101.6
v.	OINTMENT		0.15	KGs.	1,079,227	1,159,405	93.1
10.	<u>ACID, ALKALIES & SALT</u>	3	0.04				
i.	SULPHURIC ACID		0.04	M.Tons	13,338	12,126	110.0
11.	<u>FERTILIZER</u>	3	3.50				
i.	UREA		3.50	M.Tons	1,151,140	1,095,485	105.1
ii.	AMONIA		3.50	M.Tons	379,259	225,014	168.5
iii.	DAP*		3.50	M.Tons	371,878		
12.	<u>PAINTS & VARNISH</u>	9	0.32				
i.	PAINTS		0.32	M.Tons	614	567	108.3
ii.	VARNISH		0.32	"000" Liters.	2,193	2,609	84.1
13.	<u>SOAP</u>	38	1.66				
i.	WASHING SOAP		1.66	M.Tons	23,276	21,135	110.1
ii.	DETERGENT POWDER		1.66	M.Tons	70,931	69,155	102.6
iii.	TOILET SOAP		1.66	M.Tons	9,250	12,800	72.3
iv.	TOOTH PASTE*		1.66	M.Tons	3,603		
14.	<u>PETROLEUM PRODUCTS</u>	2	9.32				

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-Nov) with 2018-19 (Jul-Nov)
					2019-20 (Jul-Nov)	2018-19 (Jul-Nov)	
i.	L.P.G		9.32	"000" Liters.	11,466	12,526	91.5
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	150,179	122,246	122.8
iii.	KEROSENE OIL		9.32	"000" Liters.	3,609	2,174	166.0
iv.	H.S.D		9.32	"000" Liters.	613,076	607,660	100.9
v.	FURNACE OIL		9.32	"000" Liters.	376,562	355,128	106.0
vi.	ASPHALT 80-100		9.32	"000" Liters.	70,448	25,999	271.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	10,452	25,353	41.2
viii.	MOTOR SPRIT		9.32	"000" Liters.	86,896	152,570	57.0
ix.	JET FUEL		9.32	"000" Liters.	68,932	78,415	87.9
x.	LUBRICATING OIL		9.32	"000" Liters.	7,650	49,842	15.3
xi.	OTHERS*		0.00	"000" Liters.	156,430	1,186	
15.	<u>TYRES & TUBES</u>	4	0.41				
i.	MOTOR TYRE		0.41	Nos.	1,063,259	1,174,571	90.5
ii.	MOTOR TUBE		0.41	Nos.	249,894	213,479	117.1
16.	<u>CEMENT</u>	11	3.86				
i.	CEMENT		3.86	M.Tons	615,799	573,334	107.4
17.	<u>M.S.PRODUCTS</u>	28	4.88				
i.	M.S PRODUCTS		4.88	M.Tons	21,332	16,760	127.3
18.	<u>SAFETY RAZOR BLADE</u>	1	0.40				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	336,322	335,543	100.2
19.	<u>SEWING MACHINES</u>	3	0.25				
i.	SEWING MACHINES		0.25	Nos.	15,070	12,986	116.1
20.	<u>ELEC. APPLIANCES</u>	3	2.21				
i.	REFRIGERATORS		0.11	Nos.	226,748	219,985	103.1
ii.	AIR-CONDITIONERS		0.60	Nos.	14,931	48,529	30.8
iii.	DEEP FREEZERS		0.50	Nos.	4,509	7,304	61.7
iv.	WASHING MACHINES		0.50	Nos.	115,588	80,181	144.2
v.	MICROWAVE OVEN*		0.50	Nos.	141,461		
21.	<u>AUTOMOBILE</u>	17	11.15				
i.	TRUCKS		2.71	Nos.	1,462	3,295	44.4
ii.	BUSES		0.77	Nos.	271	441	61.5
iii.	LCV'S		2.50	Nos.	7,268	10,956	66.3
iv.	MOTOR CYCLES		2.06	Nos.	587,412	758,980	77.4
v.	TRACTORS		0.25	Nos.	15,887	24,259	65.5
vi.	CARS		0.50	Nos.	52,489	99,262	52.9
vii.	VANS & JEEPS*		1.18	Nos.	1,893		
viii.	THREE WHEELERS*		1.18	Nos.	16,517		
	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, November-2019 Vs October-2019

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Nov:2019	Oct:2019	Nov:2019	Oct:2019
1	<u>VEGETABLE GHEE</u>	35	2,243	2,217	1,626	1,634
2	<u>SUGAR</u>	26	8,610	8,407	5,335	5,167
3	<u>TEA</u>	7	3,213	3,124	2,662	2,662
4	<u>BEVERAGES</u>	13	2,652	2,656	760	760
5	<u>COTTON TEXTILE</u>	133	55,888	54,651	42,605	43,091
6	<u>LEATHER TANNING</u>	30	6,569	6,547	5,496	5,477
7	<u>PAPER & PAPER BOARD</u>	6	2,254	2,254	1,652	1,652
8	<u>PHARMACEUTICALS</u>	78	6,143	6,145	3,681	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	429	434	337	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	253	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	6,883	6,912
22	<u>STORAGE BATTERIES</u>	4	2,112	2,137	1,648	1,633
	Grand Total	455	131,143	129,602	90,352	90,682

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Employees		Production Worker	
			Nov:2019	Nov:2018	Nov:2019	Nov:2018
1	<u>VEGETABLE GHEE</u>	35	2,243	2,211	1,626	1,649
2	<u>SUGAR</u>	26	8,610	8,955	5,335	5,667
3	<u>TEA</u>	7	3,213	143	2,662	100
4	<u>BEVERAGES</u>	13	2,652	4,117	760	1,967
5	<u>COTTON TEXTILE</u>	133	55,888	57,251	42,605	43,791
6	<u>LEATHER TANNING</u>	30	6,569	5,940	5,496	5,051
7	<u>PAPER & PAPER BOARD</u>	6	2,254	508	1,652	486
8	<u>PHARMACEUTICALS</u>	78	6,143	9,609	3,681	6,377
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	106	57	54
12	<u>SOAP</u>	38	2,750	3,250	2,417	2,881
13	<u>PETROLEUM PRODUCTS</u>	2	429	417	337	344
14	<u>TYRES & TUBES</u>	4	5,888	6,104	4,140	4,256
15	<u>CEMENT</u>	11	4,436	5,158	1,890	2,163
16	<u>STEEL PRODUCTS</u>	1	9,474	10,255	6,394	7,107
17	<u>M.S PRODUCTS</u>	28	827	827	670	670
18	<u>SAFETY RAZOR BLAD</u>	1	288	288	253	256
19	<u>SEWING MACHINES</u>	3	416	151	360	110
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	15,095	3,498	6,883	2,717
22	<u>STORAGE BATTERIES</u>	4	2,112	2,150	1,648	1,404
	Grand Total	455	131,143	122,059	90,352	87,983

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

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Nov) 2019-20	(Jul-Nov) 2018-19	(Jul-Nov) 2019-20	(Jul-Nov) 2018-19
1	<u>VEGETABLE GHEE</u>	35	2,219	2,482	1,634	1,876
2	<u>SUGAR</u>	26	8,458	8,835	5,202	5,652
3	<u>TEA</u>	7	3,112	143	1,715	100
4	<u>BEVERAGES</u>	13	2,633	4,123	836	1,957
5	<u>COTTON TEXTILE</u>	133	54,898	57,235	42,869	43,791
6	<u>LEATHER TANNING</u>	30	6,682	5,839	5,589	4,947
7	<u>PAPER & PAPER BOARD</u>	6	2,256	563	1,649	486
8	<u>PHARMACEUTICALS</u>	78	6,183	9,682	3,284	6,331
9	<u>ACID, ALKALIES & SALT</u>	3	34	34	22	22
10	<u>FERTILIZER</u>	3	965	346	800	255
11	<u>PAINTS & VARNISH</u>	9	106	107	57	54
12	<u>SOAP</u>	38	2,750	3,369	2,417	3,002
13	<u>PETROLEUM PRODUCTS</u>	2	433	419	342	346
14	<u>TYRES & TUBES</u>	4	5,926	6,147	4,159	4,274
15	<u>CEMENT</u>	11	4,691	5,202	1,967	2,189
16	<u>STEEL PRODUCTS</u>	1	9,440	10,415	6,406	7,272
17	<u>M.S PRODUCTS</u>	28	827	1,030	670	853
18	<u>SAFETY RAZOR BLAD</u>	1	288	288	255	259
19	<u>SEWING MACHINES</u>	3	416	149	360	109
20	<u>ELECTRICAL APPARATUS</u>	3	750	750	663	663
21	<u>AUTOMOBILE</u>	17	15,095	3,417	6,906	2,653
22	<u>STORAGE BATTERIES</u>	4	2,132	2,044	1,655	1,266
	Grand Total	455	130,296	122,620	89,457	88,359

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**

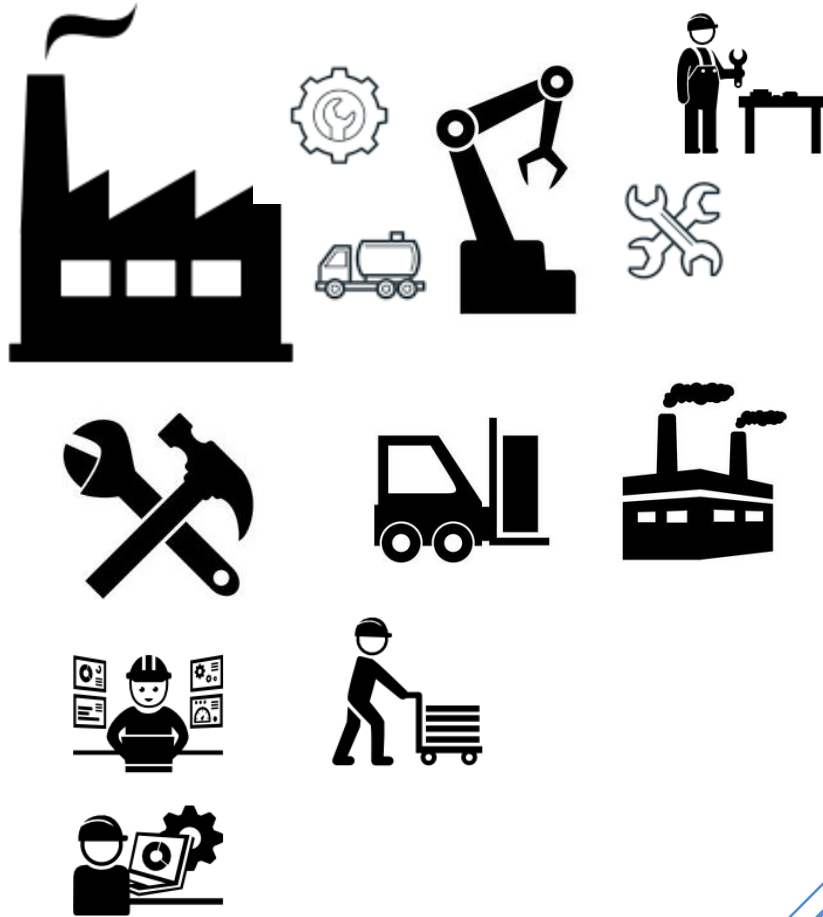
Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

- **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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