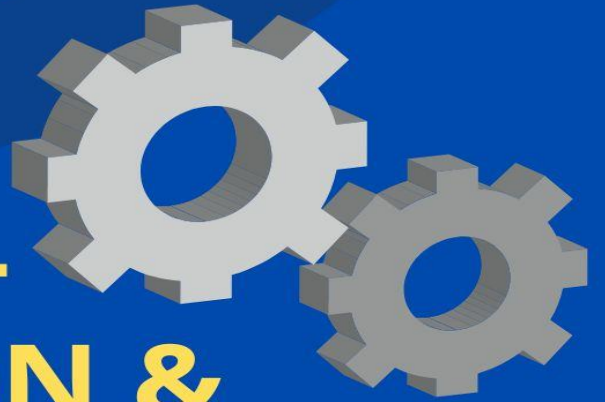




MIPE

September, 2023

MONTHLY INDUSTRIAL PRODUCTION & EMPLOYMENT SURVEY



Monthly Industrial Production & Employment Survey (MIPE) September, 2023

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Preface

Monthly Industrial Production and Employment Survey (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 66 items manufactured in 18 selected large scale industrial sectors covering 641 industrial establishments (selection on the basis of CMI 2015-16). These industries account for 84.0% 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 2015-16, 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 12.4% to Gross Domestic Product (GDP) dominates the overall manufacturing sector and the sector employs 14.9 % of the country's labor force. Manufacturing sector traditionally can be divided into 2 main sub-sectors; Large Scale Manufacturing (LSM) and Small & Household Manufacturing industries. The Census of Manufacturing Industries (CMI) focuses on the production of Large Scale Manufacturing Industries (LSM). It provides the measure of manufacturing industry outputs and operating status and reliable source for updating the Business Register (BR). According to the Pakistan Economic Survey 2021-22, manufacturing sector has a share of 65% in Industry. Industrial sector performance is more dependent on Large-Scale Manufacturing Industries (LSM) as it holds 74.0% share in Industry whereas LSM is reflected by Quantum Index of Manufacturing (QIM) data. For the compilation of Quantum Index of Manufacturing (QIM) of Pakistan as well as the Sindh is concerned, a fresh sample of 685 units was drawn by the Pakistan Bureau of Statistics (PBS) for the computation of Sindh QIM and the sample covers 83.9% of total of Sindh.

2. Manufacturing Activity

Manufacturing activity is can be defined as the process of making new organic or inorganic articles by chemical or mechanical conversion whether the efforts are carried out by hand or through driven machine at any place either in a factory or in the worker's house. Manufacturing activities include treating, processing, assembling, repairing and services

3. Scope and Coverage

The Census of Large-Scale Manufacturing Industries is conducted by Pakistan Bureau of Statistics (PBS) after every five years with manufacturing establishments classified under (10 to 33 division) Pakistan Standard Industrial Classification (PSIC-2010) based on UN-ISIC.Rev.4. Quantum Index of Manufacturing (QIM) is a measure of LSM performance with 83.9 weight in overall LSM and derived from the Census of Manufacturing Industries (CMI) 2015-16.

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 66 items manufactured in 18 large scale Industrial sectors from 6,299 establishments/ factories in Sindh.

Table. 1. District wise number of Manufacturing Establishments covered in CMI

S/No.	District	2005-06	2015-16
01	Badin	6	131
02	Dadu	83	79
03	Ghotki	41	60
04	Hyderabad	98	397
05	Jacobabad	97	10
06	Jamshoro	-	125 ¹
07	Karachi Central	1,198*	1,054
08	Karachi East		252
09	Karachi Korangi		1,123
10	Karachi Malir		181
11	Karachi South		322
12	Karachi West		1,383
13	Kashmore	-	42 ²
14	Khairpur	15	44
15	Larkana	84	97
16	Matiari	-	11
17	MirpurKhas	22	53
18	NaushahroFeroze	18	51
19	Sanghar	43	138
20	Kamber Shahdad Kot	-	82 ²
21	Shaheed Benazirabad	24	115
22	Shikarpur	25	68
23	Sukkur	54	157
24	Tando Allahyar	-	49 ³
25	Tando Muhammad Khan	-	21 ³
26	Tharparkar	-	25 ⁴
27	Thatta	17	186
28	Umer Kot	-	43 ⁴
	Total	1,825	6,299

*Number of establishments combined for overall Karachi in CMI 2005-06.

1. The district was created after the CMI 2005-06, from Dadu district.

2. These district was created after the CMI 2005-06, from Jacobabad district.

3. These district was created after the CMI 2005-06, from Hyderabad district.

4. These district was created after the CMI 2005-06, from Mirpurkhas district. *Source: CMI 2005-06 & 2015-16*

4. Industrial Classification

For classification of manufacturing activities, Pakistan Standard Industrial Classification (PSIC) 2010, obtained from UN International Standard Industrial Classification ISIC Rev-4, has been used. The PSIC 2010 is an updated version of ISIC Rev.4 from 4 digits to 5-digit level.

5. Frame of Sindh CMI 2015-16

In the Census of Large-Scale Manufacturing Industries (CMI 2015-16) the total frame of LSM stands at 6,299. Sindh Bureau of Statistics has covered 2,517 which is 40% response.

Table. 2. District wise number of Manufacturing Establishments covered in CMIs

Major Industry Groups	No. of Covered Establishments		
	Pakistan	Sindh	
	2015-16	2005-06	2015-16
Food Manufacturing	3638	556	1,682
Beverages	80	13	38
Tobacco	14	3	10
Textiles	4887	447	1,479
Wearing Apparel (Except Footwear)	1571	165	652
Leather & Leather Products including Footwear	655	30	111
Wood & Wood Products	362	19	29
Furniture	1154	17	31
Paper and Paper Products	492	29	202
Printing & Publishing	275	37	121
Drugs and Pharmaceutical Products	409	78	211
Industrial Chemicals	590	66	265
Petroleum & Miscellaneous Products	44	11	30
Rubber Products	801	51	215
Other Non-Metallic Mineral Products	3949	35	548
Iron, Steel & Non-ferous Metals	656	44	126
Fabricated Metal Products	1245	42	53
Non-Electrical Machinery	624	43	97
Electrical Machinery and Supplies	498	17	87
Vehicles, Transport and Equipment's	653	69	248
Scientific, Photographic & Optical	28	4	6
All others	1087	49	164
Total	23,712	1,825	6,299

Source: CMI 2005-06 & 2015-16

6. Methodology and Questionnaire

6.1. 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.

6.2. 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.

6.3. 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.

7. 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 (2015-16)

w_i = Weight of the i^{th} item in the base period (2015-16)

$\sum_{i=1}^n w_i$ = Total Weight of 18 large scale industrial sectors covering 641 establishments in the base period with respect to the total value added of all the industries covered in CMI in the base year 2015-16.

8. Report Analysis

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

- Overall Production in month of Sep, 2023 is significantly increased by 6.90% as compared to last month of Aug, 2023.
- Production in manufacturing sector for the month of Sep, 2023 is slightly decreased by 1.34% as compared to corresponding month of last year.
- Cumulative production from July-Sep, 2023-24 is also observing similar trend of decreasing from previous year by 4.37% as compared to cumulative production of July to Sep, 2022-23.
- Large Scale Manufacturing employment during Sep, 2023 is marginally increased by 0.71% as compared to previous month.
- Employment in manufacturing sector for the month of Sep, 2023 is also significantly increased by 4.76% as compared to corresponding month of last year.

Table 3: Series of Quantum Index of Manufacturing (QIM) at (2015-16=100)

Month/ Year	2021-22	2022-23	2022-23
July	106.3	148.9	141.2
August	107.1	148.2	132.6
September	107.5	147.4	145.5
October	126.7	147.4	
November	134.7	140.4	
December	134.0	148.5	
January	136.1	154.5	
February	139.8	156.6	
March	149.8	167.0	
April	139.0	154.4	
May	147.1	139.1	
June	157.0	144.9	
Average (Geometric Mean)	131.0	149.6	

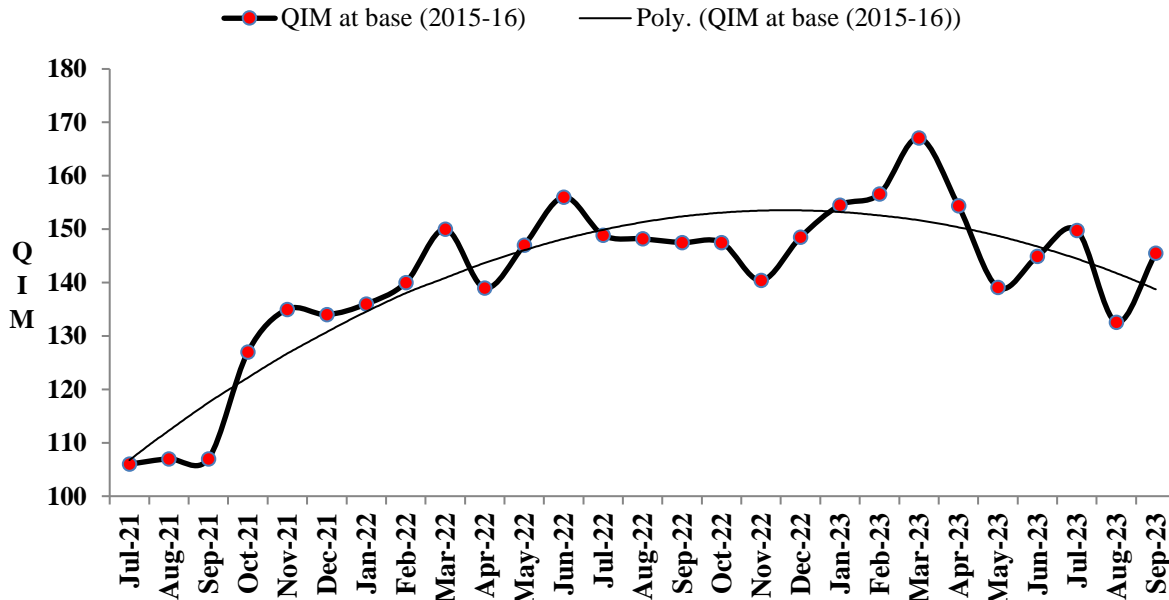


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2015-16

The QIM index value is showing a significant increase in the current month. The mix trend is following in maximum item production as compared to the previous month. Seasonal increases have been observed in food products, textiles, washing, and detergent, and non-seasonal increases have been observed in a few items in the petroleum and automobile sectors.

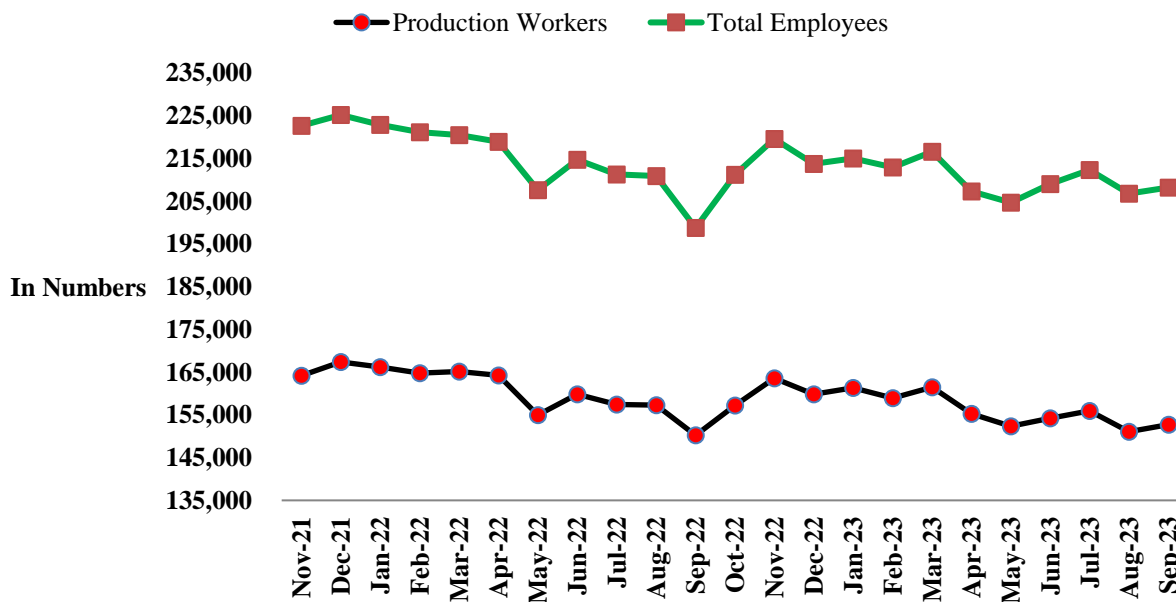


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries QIM 2015-16

The overall employment trend shows a direct relationship with production workers. In the current month, textile, leather, basic iron and steel products showed a slight increase in total employment, while the rest of the items showed a decreasing trend in employment.

Table 4: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Sep-2023 Vs Aug-2023

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Sep:2023 with Aug: 2023
						Sep:2023	Aug:2023	
1.	<u>FOOD PRODUCTS</u>		209	12.3				
i.	Vegetable Ghee	10401	25	2.1	M.Tons	34,560	36,312	95.2
ii.	Cooking Oil	10401	25	2.1	M.Tons	30,517	32,174	94.8
iii.	Liquid Milk	10501	3	1.1	"000" Liters.	5,810	6,011	96.7
iv.	Wheat & Grain Milling	10611	36	0.6	M.Tons	26,362	24,496	107.6
v.	Rice Milling	10612	65	1.9	M.Tons	1,508	1,201	125.6
vi.	Biscuits & Rusk	10713	12	1.3	M.Tons	16,438	8,786	187.1
vii.	Sugar	10721	27	1.3	M.Tons	-	-	-
viii.	Chocolate & sugar confectionery	10732	6	0.6	M.Tons	367	426	86.2
ix.	Tea	10792	4	1.1	M.Tons	4,210	4,580	91.9
x.	Animal/ Poultry Feeds	10802	6	0.3	M.Tons	128	139	92.1
2.	<u>BEVERAGES</u>		7	0.5				
i.	Mineral/ Bottled Waters	11042	4	0.1	"000" NOs.	60,864	71,605	85.0
ii.	Soft Drinks	11043	3	0.4	"000" NOs.	49,258	57,951	85.0
3.	<u>TEXTILES</u>		128	17.6				
i.	Knitting Wool (Cotton Yarn)	13112	52	7.4	M.Tons	36,716	32,014	114.7
ii.	Woolen Worsted Cloth (Cotton Fabric)	13121	45	8.0	"000" Sq. M	79,170	68,758	115.1
iii.	Terry Towel and Bath Robes (MM Yarn)	13129	21	1.2	M.Tons	13,618	12,014	113.4
iv.	Woolen Blankets	13921	10	1.0	"000" NOs.	704	710	99.2
4.	<u>WEARING APPAREL</u>		56	10.0				
i.	Garments	14102	51	9.3	Dozen	608,145	610,115	99.7
ii.	Hosiery, socks, tights etc.	14302	5	0.7	Dozen	62,158	62,985	98.7
5.	<u>LEATHER & RELATED PRODUCTS</u>		15	0.4				
i.	Finished Leather/ Upper Leather	15111	15	0.4	"000" Sq. M.	526	501	105.0
6	<u>WOOD & WOOD WORKS</u>		2	0.1				
i.	Plywood	16212	2	0.1	"000" Sq.ft	4	4	100.0
7.	<u>PAPER & PAPER PRODUCTS</u>		13	2.2				
i.	Paper/ Paper Board (Writing Paper)	17013	3	0.8	M.Tons	446	469	95.1
ii.	Corrugated paper/ paperboard containers (Packaging)	17021	10	1.4	M.Tons	3,712	3,552	104.5
8.	<u>PRINTING & RECORDED MEDIA</u>		17	0.9				
i.	Printing of Newspapers/ magazines	18111	5	0.5	M.Tons	524	505	103.8
ii.	Printing of books, brochures, maps etc. (Advertising Material)	18112	10	0.1	M.Tons	489	469	104.3
iii.	Printing of postage stamps, cheques etc. (Printing Papers)	18113	2	0.3	M.Tons	391	372	105.1
9.	<u>COKE & REFINED PETROLEUM PRODUCTS</u>		9	12.4				
i.	Motor Sprit	19201	3	5.6	"000" Liters.	27,290	23,959	113.9
ii.	Kerosene oil	19201	3	5.6	"000" Liters.	-	337	-
iii.	L.P.G	19203	9	0.1	"000" Liters.	1,114	1,189	93.7
iv.	Naphtha Solvent	19203	9	0.1	"000" Liters.	1,235	2,938	42.0
v.	H.S.D	19203	9	0.1	"000" Liters.	130,998	102,090	128.3
vi.	Furnace Oil	19203	9	0.1	"000" Liters.	59,312	59,890	99.0
vii.	ASPHALT 80-100	19203	9	0.1	"000" Liters.	3,474	3,142	0.0
viii.	ASPHALT 60-70	19203	9	0.1	"000" Liters.	3,533	10,528	33.6
ix.	Jet Fuel	19203	9	0.1	"000" Liters.	10,391	8,585	121.0

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Sep:2023 with Aug: 2023
						Sep:2023	Aug:2023	
x.	Lubricating Oil	19203	9	0.1	"000" Liters.	10,391	10,528	98.7
xi.	Others Petroleum Products	19203	9	0.1	"000" Liters.	27,306	24,385	112.0
10.	<u>CHEMICALS & CHEMICALS PRODUCTS</u>		14	5.8				
i.	Sulphuric/ Hydrochloric Acid/ Alum Sulphate	20115	5	0.4	M.Tons	5,335	5,768	92.5
ii.	Urea	20121	3	1.1	M.Tons	214,496	213,393	100.5
iii.	Ammonia	20121	3	1.1	M.Tons	66,870	68,482	97.6
iv.	DAP	20121	3	1.1	M.Tons	26,624	23,619	112.7
v.	Washing Soap	20232	6	0.8	M.Tons	6,015	5,584	107.7
vi.	Toilet Soap	20232	6	0.8	M.Tons	4,918	3,481	141.3
vii.	Detergent Powder	20234	4	0.5	M.Tons	23,758	22,123	107.4
11.	<u>PHARMACEUTICAL PRODUCTS</u>		41	8.5				
i.	Tablets	21001	41	1.7	"000" NOs.	2,451,012	2,379,651	103.0
ii.	Liquid / Syrups	21001	41	1.7	"000" Liters.	41,930	43,124	97.2
iii.	Injections	21001	41	1.7	"000" NOs.	71,852	69,325	103.6
iv.	Capsules	21001	41	1.7	"000" NOs.	201,162	201,621	99.8
v.	Ointments	21001	41	1.7	KGs.	199,850	205,722	97.1
12.	<u>RUBBER & PLASTIC PRODUCTS</u>		23	1.8				
i.	Motor Tires	22111	2	0.3	Nos.	179,698	180,964	99.3
ii.	Plastic Products	22201	21	1.5	M.Tons	3,778	3,981	94.9
13.	<u>OTHER NON-METALIC MINERAL PRODUCTS</u>		19	1.7				
i.	Cement	23941	5	1.6	M.Tons	812,640	757,700	107.3
ii.	Marble	23961	14	0.1	M.Tons	505	490	103.1
14.	<u>BASIC IRON & STEEL METALS</u>		13	3.1				
i.	Steel Products	24104	3	0.3	M.Tons	10,880	15,312	71.1
ii.	M S Products	24106	10	2.8	M.Tons	14,085	13,509	104.3
15.	<u>FABRICATED METALS PRODUCTS</u>		1	0.4				
i.	Safety Razor Blades	25931	1	0.4	"000" Nos.	58,719	56,164	104.5
16.	<u>ELECTRICAL EQUIPMENT</u>		8	0.4				
i.	Insulated Wire & Cables	27320	8	0.4	M.Tons	4,683	4,683	100.0
17.	<u>MOTOR VEHICLES & PARTS</u>		60	5.8				
i.	Trucks	29101	13	0.4	Nos.	157	127	123.6
ii.	Buses	29101	13	0.4	Nos.	43	51	84.3
iii.	LCV'S	29101	13	0.4	Nos.	87	382	22.8
iv.	Tractors	29101	13	0.4	Nos.	5,397	3,583	150.6
v.	Cars	29101	13	0.4	Nos.	6,264	6,231	100.5
vi.	Vans & Jeep	29101	13	0.4	Nos.	1,442	1,772	81.4
vii.	Three Wheelers	29101	13	0.4	Nos.	1,746	555	314.6
viii.	Auto parts	29301	28	2.2	"000" Nos.	8,107	8,534	95.0
ix.	Motor Cycles	30911	19	0.5	Nos.	105,023	82,065	128.0
18.	<u>FURNITURE</u>		6	0.1				
i.	Sofa, Iron Chairs	31001	6	0.1	Nos.	358	369	97.0
			641	84.0				

Table 5: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Sep-2023 Vs Sep-2022

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Sep:2023 with Sep:2022
						Sep:2023	Sep:2022	
1.	<u>FOOD PRODUCTS</u>		209	12.3				
i.	Vegetable Ghee	10401	25	2.1	M.Tons	34,560	33,939	101.8
ii.	Cooking Oil	10401	25	2.1	M.Tons	30,517	22,328	136.7
iii.	Liquid Milk	10501	3	1.1	"000" Liters.	5,810	7,407	78.4
iv.	Wheat & Grain Milling	10611	36	0.6	M.Tons	26,362	20,175	130.7
v.	Rice Milling	10612	65	1.9	M.Tons	1,508	-	-
vi.	Biscuits & Rusk	10713	12	1.3	M.Tons	16,438	18,098	90.8
vii.	Sugar	10721	27	1.3	M.Tons	-	-	-
viii.	Chocolate & sugar confectionery	10732	6	0.6	M.Tons	367	311	118.0
ix.	Tea	10792	4	1.1	M.Tons	4,210	4,224	99.7
x.	Animal/ Poultry Feeds	10802	6	0.3	M.Tons	128	159	80.5
2.	<u>BEVERAGES</u>		7	0.5				
i.	Mineral/ Bottled Waters	11042	4	0.1	"000" NOs.	60,864	31,412	193.8
ii.	Soft Drinks	11043	3	0.4	"000" NOs.	49,258	51,694	95.3
3.	<u>TEXTILES</u>		128	17.6				
i.	Knitting Wool (Cotton Yarn)	13112	52	7.4	M.Tons	36,716	38,966	94.2
ii.	Woolen Worsted Cloth (Cotton Fabric)	13121	45	8.0	"000" Sq. M	79,170	65,029	121.7
iii.	Terry Towel and Bath Robes (MM Yarn)	13129	21	1.2	M.Tons	13,618	13,002	104.7
iv.	Woolen Blankets	13921	10	1.0	"000" NOs.	704	1,986	35.4
4.	<u>WEARING APPAREL</u>		56	10.0				
i.	Garments	14102	51	9.3	Dozen	608,145	707,809	85.9
ii.	Hosiery, socks, tights etc.	14302	5	0.7	Dozen	62,158	73,875	84.1
5.	<u>LEATHER & RELATED PRODUCTS</u>		15	0.4				
i.	Finished Leather/ Upper Leather	15111	15	0.4	"000" Sq. M.	526	444	118.5
6.	<u>WOOD & WOOD WORKS</u>		2	0.1				
i.	Plywood	16212	2	0.1	"000" Sq.ft	4	17	23.5
7.	<u>PAPER & PAPER PRODUCTS</u>		13	2.2				
i.	Paper/ Paper Board (Writing Paper)	17013	3	0.8	M.Tons	446	421.0	105.9
ii.	Corrugated paper/ paperboard containers (Packaging)	17021	10	1.4	M.Tons	3,712	4917	75.5
8.	<u>PRINTING & RECORDED MEDIA</u>		17	0.9				
i.	Printing of Newspapers/ magazines	18111	5	0.5	M.Tons	524	656	79.9
ii.	Printing of books, brochures, maps etc. (Advertising Material)	18112	10	0.1	M.Tons	489	479	102.1
iii.	Printing of postage stamps, cheques etc. (Printing Papers)	18113	2	0.3	M.Tons	391	592	66.0
9.	<u>COKE & REFINED PETROLEUM PRODUCTS</u>		9	12.4				
i.	Motor Sprit	19201	3	5.6	"000" Liters.	27,290	23,436	116.4
ii.	Kerosene oil	19201	3	5.6	"000" Liters.	-	-	-
iii.	L.P.G	19203	9	0.1	"000" Liters.	1,114	1,786	62.4
iv.	Naphtha Solvent	19203	9	0.1	"000" Liters.	1,235	5,198	23.8
v.	H.S.D	19203	9	0.1	"000" Liters.	130,998	104,679	125.1
vi.	Furnace Oil	19203	9	0.1	"000" Liters.	59,312	55,377	107.1
vii.	ASPHALT 80-100	19203	9	0.1	"000" Liters.	3,474	1,537	226.0

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production on in Sep:2023 with Sep:2022
						Sep:2023	Sep:2022	
viii.	ASPHALT 60-70	19203	9	0.1	"000" Liters.	3,533	10,509	33.6
ix.	Jet Fuel	19203	9	0.1	"000" Liters.	10,391	12,180	85.3
x.	Lubricating Oil	19203	9	0.1	"000" Liters.	10,391	13,538	76.8
xi.	Others Petroleum Products	19203	9	0.1	"000" Liters.	27,306	25,440	107.3
10.	<u>CHEMICALS & CHEMICALS PRODUCTS</u>		14	5.8				
i.	Sulphuric/ Hydrochloric Acid/ Alum Sulphate	20115	5	0.4	M.Tons	5,335	3,911	136.4
ii.	Urea	20121	3	1.1	M.Tons	214,496	292,286	73.4
iii.	Ammonia	20121	3	1.1	M.Tons	66,870	71,597	93.4
iv.	DAP	20121	3	1.1	M.Tons	26,624	34,406	77.4
v.	Washing Soap	20232	6	0.8	M.Tons	6,015	26,463	22.7
vi.	Toilet Soap	20232	6	0.8	M.Tons	4,918	5,015	98.1
vii.	Detergent Powder	20234	4	0.5	M.Tons	23,758	32,097	74.0
11.	<u>PHARMACEUTICAL PRODUCTS</u>		41	8.5				
i.	Tablets	21001	41	1.7	"000" NOs.	2,451,012	2,241,298	109.4
ii.	Liquid / Syrups	21001	41	1.7	"000" Liters.	41,930	35,725	117.4
iii.	Injections	21001	41	1.7	"000" NOs.	71,852	64,120	112.1
iv.	Capsules	21001	41	1.7	"000" NOs.	201,162	188,250	106.9
v.	Ointments	21001	41	1.7	KGs.	199,850	260,455	76.7
12.	<u>RUBBER & PLASTIC PRODUCTS</u>		23	1.8				
i.	Motor Tires	22111	2	0.3	Nos.	179,698	171,489	104.8
ii.	Plastic Products	22201	21	1.5	M.Tons	3,778	8,410	44.9
13.	<u>OTHER NON-METALIC MINERAL PRODUCTS</u>		19	1.7				
i.	Cement	23941	5	1.6	M.Tons	812,640	799,332	101.7
ii.	Marble	23961	14	0.1	M.Tons	505	410	123.2
14.	<u>BASIC IRON & STEEL METALS</u>		13	3.1				
i.	Steel Products	24104	3	0.3	M.Tons	10,880	10,944	99.4
ii.	M S Products	24106	10	2.8	M.Tons	14,085	24,345	57.9
15.	<u>FABRICATED METALS PRODUCTS</u>		1	0.4				
i.	Safety Razor Blades	25931	1	0.4	"000" Nos.	58,719	30,019	195.6
16.	<u>ELECTRICAL EQUIPMENT</u>		8	0.4				
i.	Insulated Wire & Cables	27320	8	0.4	M.Tons	4,683	4,658	100.5
17.	<u>MOTOR VEHICLES & PARTS</u>		60	5.8				
i.	Trucks	29101	13	0.4	Nos.	157	327	48.0
ii.	Buses	29101	13	0.4	Nos.	43	80	53.8
iii.	LCV'S	29101	13	0.4	Nos.	87	200	43.5
iv.	Tractors	29101	13	0.4	Nos.	5,397	2,181	247.5
v.	Cars	29101	13	0.4	Nos.	6,264	7,398	84.7
vi.	Vans & Jeep	29101	13	0.4	Nos.	1,442	1,786	80.7
vii.	Three Wheelers	29101	13	0.4	Nos.	1,746	1,714	101.9
viii.	Auto parts	29301	28	2.2	"000" Nos.	8,107	6,456	125.6
ix.	Motor Cycles	30911	19	0.5	Nos.	105,023	143,977	72.9
18.	<u>FURNITURE</u>		6	0.1				
i.	Sofa, Iron Chairs	31001	6	0.1	Nos.	358	360	99.4
			641	84.0				

Table 6: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, (Jul-Sep) 2023-24 Vs (Jul-Sep) 2022-23

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in 2023-24 (Jul-Sep) with 2022-23 (Jul-Sep)
						2023-24 (Jul-Sep)	2022-23 (Jul-Sep)	
1.	<u>FOOD PRODUCTS</u>		209	12.3				
i.	Vegetable Ghee	10401	25	2.1	M.Tons	106,997	101,193	105.7
ii.	Cooking Oil	10401	25	2.1	M.Tons	95,023	66,025	143.9
iii.	Liquid Milk	10501	3	1.1	"000" Liters.	18,901	22,550	83.8
iv.	Wheat & Grain Milling	10611	36	0.6	M.Tons	74,070	55,999	132.3
v.	Rice Milling	10612	65	1.9	M.Tons	3,905	-	0.0
vi.	Biscuits & Rusk	10713	12	1.3	M.Tons	33,990	47,118	72.1
vii.	Sugar	10721	27	1.3	M.Tons	-	-	0.0
viii.	Chocolate & sugar confectionery	10732	6	0.6	M.Tons	1,091	1,027	106.2
ix.	Tea	10792	4	1.1	M.Tons	13,054	9,838	132.7
x.	Animal/ Poultry Feeds	10802	6	0.3	M.Tons	394	516	76.4
2.	<u>BEVERAGES</u>		7	0.5				
i.	Mineral/ Bottled Waters	11042	4	0.1	"000" NOs.	216,710	94,410	229.5
ii.	Soft Drinks	11043	3	0.4	"000" NOs.	175,420	176,064	99.6
3.	<u>TEXTILES</u>		128	17.6				
i.	Knitting Wool (Cotton Yarn)	13112	52	7.4	M.Tons	96,604	118,886	81.3
ii.	Woolen Worsted Cloth (Cotton Fabric)	13121	45	8.0	"000" Sq. M	228,449	198,157	115.3
iii.	Terry Towel and Bath Robes (MM Yarn)	13129	21	1.2	M.Tons	39,755	39,304	101.1
iv.	Woolen Blankets	13921	10	1.0	"000" NOs.	2,246	5,740	39.1
4.	<u>WEARING APPAREL</u>		56	10.0				
i.	Garments	14102	51	9.3	Dozen	1,748,899	2,168,074	80.7
ii.	Hosiery, socks, tights etc.	14302	5	0.7	Dozen	199,043	221,000	90.1
5.	<u>LEATHER & RELATED PRODUCTS</u>		15	0.4				
i.	Finished Leather/ Upper Leather	15111	15	0.4	"000" Sq. M.	1,508	1,291	116.8
6	<u>WOOD & WOOD WORKS</u>		2	0.1				
i.	Plywood	16212	2	0.1	"000" Sq.ft	11	20	55.0
7.	<u>PAPER & PAPER PRODUCTS</u>		13	2.2				
i.	Paper/ Paper Board (Writing Paper)	17013	3	0.8	M.Tons	1,362	1,295	105.2
ii.	Corrugated paper/ paperboard containers (Packaging)	17021	10	1.4	M.Tons	10,649	14,207	75.0
8.	<u>PRINTING & RECORDED MEDIA</u>		17	0.9				
i.	Printing of Newspapers/ magazines	18111	5	0.5	M.Tons	1,561	2,022	77.2
ii.	Printing of books, brochures, maps etc. (Advertising Material)	18112	10	0.1	M.Tons	1,408	1,472	95.7
iii.	Printing of postage stamps, cheques etc. (Printing Papers)	18113	2	0.3	M.Tons	1,114	1,796	62.0
9.	<u>COKE & REFINED PETROLEUM PRODUCTS</u>		9	12.4				
i.	Motor Sprit	19201	3	5.6	"000" Liters.	74,892	65,202	114.9
ii.	Kerosene oil	19201	3	5.6	"000" Liters.	1,095	154	711.0
iii.	L.P.G	19203	9	0.1	"000" Liters.	3,451	4,543	76.0
iv.	Naphtha Solvent	19203	9	0.1	"000" Liters.	7,464	28,702	26.0
v.	H.S.D	19203	9	0.1	"000" Liters.	354,133	270,091	131.1
vi.	Furnace Oil	19203	9	0.1	"000" Liters.	190,114	175,331	108.4
vii.	ASPHALT 80-100	19203	9	0.1	"000" Liters.	6,617	11,090	59.7
viii.	ASPHALT 60-70	19203	9	0.1	"000" Liters.	14,072	32,151	43.8

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in 2023-24 (Jul-Sep) with 2022-23 (Jul-Sep)
						2023-24 (Jul-Sep)	2022-23 (Jul-Sep)	
ix.	Jet Fuel	19203	9	0.1	"000" Liters.	26,343	40,158	65.6
x.	Lubricating Oil	19203	9	0.1	"000" Liters.	29,517	37,430	78.9
xi.	Others Petroleum Products	19203	9	0.1	"000" Liters.	73,692	58,926	125.1
10.	<u>CHEMICALS & CHEMICALS PRODUCTS</u>		14	5.8				
i.	Sulphuric/ Hydrochloric Acid/ Alum Sulphate	20115	5	0.4	M.Tons	13,093	11,915	109.9
ii.	Urea	20121	3	1.1	M.Tons	666,797	860,997	77.4
iii.	Ammonia	20121	3	1.1	M.Tons	207,957	224,571	92.6
iv.	DAP	20121	3	1.1	M.Tons	85,290	147,698	57.7
v.	Washing Soap	20232	6	0.8	M.Tons	18,058	78,465	23.0
vi.	Toilet Soap	20232	6	0.8	M.Tons	12,259	13,644	89.8
vii.	Detergent Powder	20234	4	0.5	M.Tons	71,908	93,763	76.7
11.	<u>PHARMACEUTICAL PRODUCTS</u>		41	8.5				
i.	Tablets	21001	41	1.7	"000" NOs.	7,283,917	6,988,347	104.2
ii.	Liquid / Syrups	21001	41	1.7	"000" Liters.	129,653	106,227	122.1
iii.	Injections	21001	41	1.7	"000" NOs.	208,393	191,332	108.9
iv.	Capsules	21001	41	1.7	"000" NOs.	598,701	569,610	105.1
v.	Ointments	21001	41	1.7	KGs.	617,657	789,371	78.2
12.	<u>RUBBER & PLASTIC PRODUCTS</u>		23	1.8				
i.	Motor Tires	22111	2	0.3	Nos.	479,510	575,832	83.3
ii.	Plastic Products	22201	21	1.5	M.Tons	15,093	25,158	60.0
13.	<u>OTHER NON-METALIC MINERAL PRODUCTS</u>		19	1.7				
i.	Cement	23941	5	1.6	M.Tons	2,181,962	1,751,799	124.6
ii.	Marble	23961	14	0.1	M.Tons	1,327	1,477	89.8
14.	<u>BASIC IRON & STEEL METALS</u>		13	3.1				
i.	Steel Products	24104	3	0.3	M.Tons	41,641	32,211	129.3
ii.	M S Products	24106	10	2.8	M.Tons	41,069	71,071	57.8
15.	<u>FABRICATED METALS PRODUCTS</u>		1	0.4				
i.	Safety Razor Blades	25931	1	0.4	"000" Nos.	158,244	119,342	132.6
16.	<u>ELECTRICAL EQUIPMENT</u>		8	0.4				
i.	Insulated Wire & Cables	27320	8	0.4	M.Tons	14,049	14,125	99.5
17.	<u>MOTOR VEHICLES & PARTS</u>		60	5.8				
i.	Trucks	29101	13	0.4	Nos.	452	946	47.8
ii.	Buses	29101	13	0.4	Nos.	289	248	116.5
iii.	LCV'S	29101	13	0.4	Nos.	687	2,280	30.1
iv.	Tractors	29101	13	0.4	Nos.	11,925	7,991	149.2
v.	Cars	29101	13	0.4	Nos.	17,588	31,417	56.0
vi.	Vans & Jeep	29101	13	0.4	Nos.	4,557	6,307	72.3
vii.	Three Wheelers	29101	13	0.4	Nos.	3,357	4,273	78.6
viii.	Auto parts	29301	28	2.2	"000" Nos.	26,601	23,764	111.9
ix.	Motor Cycles	30911	19	0.5	Nos.	277,822	432,800	64.2
18.	<u>FURNITURE</u>		6	0.1				
i.	Sofa, Iron Chairs	31001	6	0.1	Nos.	1,107	1,050	105.4
			641	84.0				

Table 7: Employment in Selected Large-Scale Manufacturing Sector, Sep-2023 Vs Aug-2023

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Sep:2023	Aug:2023	Sep:2023	Aug:2023
1	FOOD PRODUCTS	209	22,493	22,580	14,898	15,145
2	BEVERAGES	7	5,156	6,630	1,172	1,352
3	TEXTILES	128	93,109	91,531	69,019	67,925
4	WEARING APPAREL	56	27,389	27,389	23,515	23,515
5	LEATHER & RELATED PRODUCTS	15	4,150	4,122	3,670	3,643
6	WOOD & WOOD WORKS	2	380	380	318	318
7	PAPER & PAPER PRODUCTS	13	2,080	2,048	1,430	1,401
8	PRINTING & RECORDED MEDIA	17	4,001	4,001	2,788	2,788
9	COKE & REFINED PETROLEUM PRODUCTS	9	1,227	1,221	918	912
10	CHEMICALS & CHEMICALS PRODUCTS	14	6,861	6,888	5,222	5,239
11	PHARMACEUTICAL PRODUCTS	41	14,553	14,542	9,967	9,959
12	RUBBER & PLASTIC PRODUCTS	23	5,909	4,439	4,236	3,271
13	OTHER NON-METALIC MINERAL PRODUCTS	19	2,971	2,964	1,961	1,966
14	BASIC IRON & STEEL METALS	13	1,064	1,029	809	783
15	FABRICATED METALS PRODUCTS	1	516	516	484	484
16	ELECTRICAL EQUIPMENT	8	7,006	7,028	5,369	5,371
17	MOTOR VEHICLES & PARTS	60	9,284	9,373	6,933	6,933
18	FURNITURE	6	57	57	34	34
	Grand Total	641	208,204	206,735	152,745	151,037

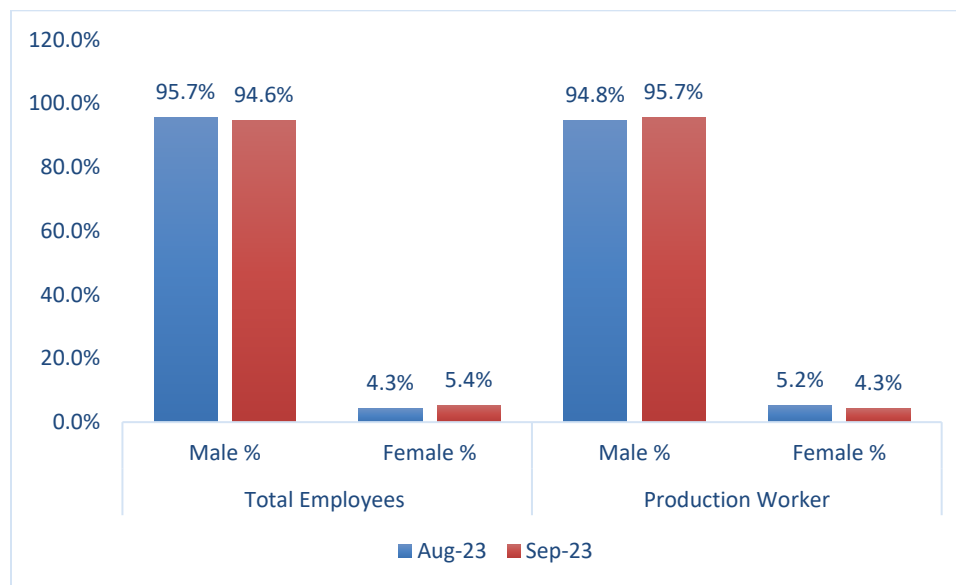
Table 8: Employment in Selected Large-Scale Manufacturing Sector, Sep-2023 Vs Sep-2022

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Sep:2023	Sep:2022	Sep:2023	Sep:2022
1	FOOD PRODUCTS	209	22,493	23,231	14,898	15,614
2	BEVERAGES	7	5,156	2,399	1,172	685
3	TEXTILES	128	93,109	86,757	69,019	67,181
4	WEARING APPAREL	56	27,389	26,314	23,515	22,882
5	LEATHER & RELATED PRODUCTS	15	4,150	4,377	3,670	3,853
6	WOOD & WOOD WORKS	2	380	300	318	258
7	PAPER & PAPER PRODUCTS	13	2,080	2,058	1,430	1,473
8	PRINTING & RECORDED MEDIA	17	4,001	4,165	2,788	2,839
9	COKE & REFINED PETROLEUM PRODUCTS	9	1,227	1,269	918	957
10	CHEMICALS & CHEMICALS PRODUCTS	14	6,861	6,950	5,222	5,291
11	PHARMACEUTICAL PRODUCTS	41	14,553	15,179	9,967	10,440
12	RUBBER & PLASTIC PRODUCTS	23	5,909	4,599	4,236	3,424
13	OTHER NON-METALIC MINERAL PRODUCTS	19	2,971	2,901	1,961	1,894
14	BASIC IRON & STEEL METALS	13	1,064	1,070	809	815
15	FABRICATED METALS PRODUCTS	1	516	534	484	498
16	ELECTRICAL EQUIPMENT	8	7,006	6,931	5,369	5,291
17	MOTOR VEHICLES & PARTS	60	9,284	9,647	6,933	6,798
18	FURNITURE	6	57	54	34	31
Grand Total		641	208,204	198,736	152,745	150,223

Table 9: Gender wise Percentage of Employment in Selected Large-Scale Manufacturing Sector, Sep-2023

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Male %	Female %	Male %	Female %
1	FOOD PRODUCTS	209	99.5%	0.5%	98.7%	1.3%
2	BEVERAGES	7	95.8%	4.2%	99.3%	0.7%
3	TEXTILES	128	97.7%	2.3%	96.0%	4.0%
4	WEARING APPAREL	56	81.8%	18.2%	86.2%	13.8%
5	LEATHER & RELATED PRODUCTS	15	98.6%	1.4%	99.3%	0.7%
6	WOOD & WOOD WORKS	2	98.4%	1.6%	100.0%	0.0%
7	PAPER & PAPER PRODUCTS	13	94.8%	5.2%	99.8%	0.2%
8	PRINTING & RECORDED MEDIA	17	98.7%	1.3%	100.0%	0.0%
9	COKE & REFINED PETROLEUM PRODUCTS	9	95.8%	4.2%	95.1%	4.9%
10	CHEMICALS & CHEMICALS PRODUCTS	14	98.4%	1.6%	96.1%	3.9%
11	PHARMACEUTICAL PRODUCTS	41	82.4%	17.6%	94.6%	5.4%
12	RUBBER & PLASTIC PRODUCTS	23	98.6%	1.4%	94.9%	5.1%
13	OTHER NON-METALIC MINERAL PRODUCTS	19	99.6%	0.4%	97.2%	2.8%
14	BASIC IRON & STEEL METALS	13	100.0%	0.0%	100.0%	0.0%
15	FABRICATED METALS PRODUCTS	1	100.0%	0.0%	100.0%	0.0%
16	ELECTRICAL EQUIPMENT	8	98.2%	1.8%	97.5%	2.5%
17	MOTOR VEHICLES & PARTS	60	97.7%	2.3%	98.6%	1.4%
18	FURNITURE	6	98.2%	1.8%	100.0%	0.0%
	Grand Total	641	94.6%	5.4%	95.7%	4.3%

Figure 3: Chart of Gender wise Percentages of Employment in Large Scale Manufacturing Industries



Annexure – A Proforma/ Questionnaire



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

http://sbos.sindh.gov.pk
Street-13, Block-8, Kehkashan Clifton, Karachi

The information supplied will be kept strictly confidential and will be used for statistical purpose only.	REPORT FOR	
	MONTH	YEAR

MONTHLY SURVEY OF INDUSTRIAL PRODUCTION AND EMPLOYMENT IN SINDH.

INDUSTRY CODE

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Estb: Code

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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.

Annexure – D Census value added and Contribution to GDP

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
C	ALL INDUSTRIES	6299	1929472066	1637834836	1268637678	1255894601	1182636295
10	FOOD PRODUCTS	1682	295368858	235434110	203106723	197273490	195510704
10102	Fresh, chilled or frozen meat	5	4691422	2722767	2682150	2702246	2702223
10202	Fish, crustacean & mollusc products	14	572126	482976	482976	482644	482349
10302	Preserving of fruit, nuts or vegetables	24	1497731	951323	951323	951323	951323
10305	Jams, jellies & marmalades	2	4132058	3095923	1677737	1677335	1677335
10401	Crude / refined vegetable oils	164	70799514	58992520	55833158	51485578	50577888
10405	Cotton linters.	131	7747677	7144462	7126701	6585313	6360547
10406	Oilcakes & others	18	440116	380259	304810	304810	302778
10501	fresh liquid milk & milk-based drinks	8	20698635	15127003	14051823	14061378	14061378
10506	Ice cream & other edible ice.						
10509	Others n.e.c.	10	156475	126956	121730	121730	121537
10611	Grain milling.	221	8082300	7195760	7000605	6997277	6961744
10612	Rice milling.	603	25774678	24087309	23944477	24059175	23881095
10613	Vegetable milling						
10621	Starches from rice, potatoes, maize etc.	102	14368886	12820492	9319791	9279365	9255406
10711	Bread & rolls	36	2522314	2071664	2008855	1948380	1944139
10712	Pastry, cakes, pies etc	5	144870	96387	96387	96387	96322
10713	Rusks, biscuits & bakery products	47	30635020	23024946	16769757	16687098	16683728
10719	Others n.e.c.	24	1927248	931039	915004	915004	902820
10721	Sugar & sugar substitutes	36	27320072	24031576	17337711	16675155	16664606
10732	Chocolate & sugar confectionery	32	12190966	7521403	7515126	7515126	7515047
10792	Blending of tea & mate	7	34140036	22815606	13551283	13551283	13551283
10794	Infant formula or baby foods etc						
10795	Prepared foods/sandwiches, fresh pizza etc.	3	2192123	2115736	2115335	2115335	
10796	Spices, sauces & condiments	34	13626483	9318342	9318342	9318342	9318121
10798	Processing of salt	15	136945	123542	123542	123542	123469
10799	Others n.e.c.	94	6612861	5947268	5571412	5648432	5485615
10802	Prepared feeds for farm animals	47	4958300	4308853	4286690	3971233	3774615
11	BEVERAGES	38	22325221	19873504	13112942	10232864	10230926
11041	Non-alcoholic beverages	9	5045958	4661248	3388382	3334412	3332670
11042	Natural mineral waters/ bottled waters	17	1979406	1596578	1596578	1596578	1596578
11043	Soft drinks like lemonade, cola etc.	12	15299858	13615678	8127982	5301874	5301678
12	TOBACCO PRODUCTS	10	112570	107551	107551	107551	107551
12001	Tobacco products & substitutes etc.	10	112570	107551	107551	107551	107551
13	TEXTILES	1479	313495611	257294210	243014510	243213252	241916885
13112	Spinning of yarn or thread	219	124719279	104200299	92716189	92901931	91784959
13121	Broad woven fabrics	590	123627421	101855663	99846588	99872516	99763867

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
13129	Others n.e.c.	227	17731571	14620052	14471382	14471382	14460481
13131	Bleaching & dyeing of fabrics	223	19355753	15557699	15410689	15406905	15371102
13921	Madeup articles of any textile material	66	16611830	12750176	12690056	12697607	12690353
13922	Made-up furnishing articles	9	3436413	2084252	2084252	2084252	2083372
13930	Floor coverings like carpets, rugs etc.				497798		483307
13941	Twine, cordage, rope etc.	6	844092	685306	5297555	487158	5279444
13991	Labels/ badges etc.	12	3909019	2623422		2398751	
13992	Tulles/ laces & other net fabrics	125	3238775	2897385	2881799	2883311	2871266
13999	Others n.e.c.	2	21460	19957	17005	9438	9426
14	WEARING APPAREL	652	169706963	134640465	130863184	130834476	130221376
14101	Wearing apparel of leather	27	1492784	888567	887486	887486	868192
14102	Outerwear/ work wear	524	153025309	120139592	116476136	116458526	115897861
14103	Underwear/ nightwear	4	1884756	1851744	1797756	1786658	1753650
14105	Other clothing accessories	5	4270505	3276305	3276305	3276305	3276173
14302	Hosiery, socks, tights & pantyhose etc	92	9033608	8484257	8425501	8425501	8425501
15	LEATHER PRODUCTS	111	7019933	4955482	4953790	4941630	4932933
15111	Tanning/ dressing of hides & skins	87	6478115	4508141	4506449	4494289	4485592
15121	Luggage, h&bags etc.						
15122	Articles of leather etc.	16	499068	404591		404591	
15201	Footwear	8	42750	42750	42750	42750	42750
16	WOOD AND WOOD PRODUCTS	29	3329177	3154918	3005512	2752293	2746302
16101	Sawmilling & planing of wood						
16102	Wooden railway sleepers	5	1344718	1327778	1297778	1290778	1290278
16212	Playwood/ veneer panel/laminated sheets	5	633885	535131	535131	535131	534014
16213	Particle board/densified wood etc.	14	1320831	1266455	1147477	901259	897332
16221	Wooden goods of construction industry	2	9797	429	9369	9369	9000
16231	Packing boxes, crates, drums of wood						
16291	Wooden products	3	19946	15757		15757	
17	PAPER AND PAPER PRODUCTS	202	38156856	34732893	33342147	33150341	33147339
17013	Paper & paperboard	50	11831699	11441753	10600137	10599816	10599575
17019	Others n.e.c.	2	77682	57619	57619	57619	57384
17021	Corrugated paper/ paperboard containers	131	20563452	18371694	18060989	18059374	18057009
17022	Sacks, bags & similar articles of paper	2	571529	558588	558588	558588	558588
17091	Personal hygiene paper product	14	3435547	2999684	2772851	2640062	2639934
17099	Others n.e.c.	3	1676948	1303555	1291962	1234883	1234848
18	PRINTING/REPRODUCTION OF RECORDED MEDIA	121	18845335	16376532	13616723	13420174	13397044
18111	Printing of newspapers/ magazines	76	7987871	6207287	6207287	6207287	6207287
18112	Printing of books, brochures, maps etc	19	891538	769855	689057	689057	687472
18113	Printing of postage stamps, chequesetc	2	5933099	5807125	4200445	4200445	4197576

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
18114	Printing of diaries & calendars etc	4	220954	198237	198237	198237	195726
18115	Printing on textile, glass, metal, wood						
18123	Plate/image-making setting services	20	3811872	3394028		2125148	
19	COKE AND REFINED PETROLEUM PRODUCTS	30	330972023	336316961	157836806	155317906	86772288
19201	Production of motor fuel/ kerosene etc.	4	312150503	318793368	141319068	138803695	70338496
19203	Oil-based lubricating oils or greases	26	18821520	17523593	16517739	16514210	16433792
20	CHEMICALS AND CHEMICAL PRODUCTS	265	180017467	133587473	108318466	122495044	122396819
20111	Inorganic industrial/ medical gases	62	14866312	11164345	11103419	11103419	11096743
20112	Dyes & pigments in basic form	10	6965417	5530983	5034056	5021496	5019965
20113	Manufacture of inorganic acids & bases	3	1089090	884711	563548	563548	563548
20115	Basic organic chemicals	9	5155954	4829843	4829843	4829843	4829843
20119	Others n.e.c.	9	9238594	6860806	4224884	4200636	4200581
20121	Fertilizers	7	48767039	37318056	27473486	41942632	41942632
20131	Plastics in primary forms	10	13288212	10957012	6108881	5929461	5922377
20211	Insecticides/ fungicides/ herbicides	11	5647603	4828955	4717989	4717989	4702696
20219	Other agrochemical products n.e.c.	2	44351	37205	37205	37205	37035
20221	Paints & varnishes etc						
20227	Printing ink	32	13496566	13034327		12876110	
20232	Soap	38	33553981	21052698	19866228	19864240	19862344
20234	Detergent, dish-washing preparation etc	2	19283996	11770543	6491360	6491360	6491330
20236	Perfumes & toilet preparations	30	6170308	3552619	3447095	3440426	3395055
20292	Gelatine/ glues & prepared adhesives	21	470580	306592	241270	238852	238591
20294	Photographic plates, films etc	3	505003	394185	297507	280490	277023
20299	Others n.e.c.						
20303	Synthetic or artificial filament yarn	16	1474461	1064592		957337	
21	BASIC PHARMACEUTICAL PRODUCTS	211	156476332	110258572	108968543	108983038	108369168
21001	Medicinal active substances	195	153612183	108001189	107026665	107049946	106439059
21003	Medicaments/ homeopathic preparations	12	1123270	1024144	1013895	1013895	1013283
21009	Other such activities n.e.c.	4	1740879	1233238	927983	919196	916826
22	RUBBER AND PLASTICS PRODUCTS	215	32276858	29606359	26288588	26172973	26161364
22111	Rubber tyres	5	4513573	3911265	3911265	3911265	3911265
22191	Other products of rubber	17	3086850	2863359	2585325	2585325	2583326
22201	Plastic products for packing of goods	172	23718343	21982104	18950371	18834755	18825900
22203	Plastic tableware, kitchenware etc	12	695602	642874	638206	638206	637793
22209	Other diverse plastic products	9	262491	206757	203421	203421	203080
23	OTHER NON-METALLIC MINERAL PRODUCTS	548	54492837	49618700	37396922	36149990	36103688
23101	Flat glass/ glass paving blocks	24	4822650	3983568	3983568	3983568	3978788
23102	Glass mirror/ bottle/ drinking glass	4	19133	18928	18928	18928	18928

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
23103	Pharmaceutical glassware etc.	5	438900	365862	289479	266453	265504
23921	Ceramic tiles, mosaic cubes etc.	2	2868320	2346650	1408157	1408157	1408157
23922	Non-refractory clay building materials						
23923	Ceramic sanitary fixtures	351	6528014	6356491	5240193	5289589	5262619
23931	Ceramic tableware & domestic articles	9	223482	192541	190598	190598	190598
23941	Clinkers & hydraulic cement	5	34050113	31215404	21206054	19875074	19875074
23951	Precast concrete, cement or stone	48	3791961	3512195	3447479	3503864	3491049
23961	Cutting, shaping & finishing of stone	100	1750264	1627063	1612466	1613759	1612971
24	BASIC METALS	126	75764546	69810955	53381662	51791999	51715787
24103	Pure iron, granular iron & iron powder						
24104	Remelting of scrap ingot of iron/ steel	2	4290468	3701246	3524460	3524460	3522789
24106	Hot/cold-rolled products of steel	81	48029391	45718917	36411991	35529729	35525285
24108	Welded tubes & pipes of steel	22	20955136	18192668	11908986	11202944	11136814
24109	Others n.e.c.	4	349660	346050	343960	343960	343960
24202	Aluminium & alloys						
24206	Chrome, manganese, nickel & alloys etc	13	1158257	1106584	734692	733333	729467
24311	Casting of iron						
24312	Casting of steel	4	981634	745490	457573	457573	457472
25	FABRICATED METAL PRODUCTS	53	7699426	6140873	5520704	5518967	5506720
25111	Metal framework/ skeleton etc						
25112	Metal door, window, shutter, gates etc	8	185254	180117	179292	179292	172037
25119	Others n.e.c.	3	137574	132900	132055	132055	131991
25122	Metal containers for gas	2	69020	59806	59806	59806	59806
25132	Parts for marine or power boilers/ nuclear reactors etc	2	247588	197630	146662	144925	143509
25932	Knives, h& tools, saw blades etc						
25934	Other tools of such nature n.e.c.	7	5037857	3730467	3205565	3205565	3205449
25991	Cans, drums, buckets, boxes, tins etc	8	460795	432866	406203	406203	404344
25997	Various metal articles	5	1101732	1030212	1014246	1014246	1014226
25999	Others n.e.c.	18	459606	376875	376875	376875	375357
26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	6	366815	278620	278544	278544	278544
26409	Others n.e.c.	2	4809	3732	3732	3732	3732
26516	Scales, balances & laboratory apparatus	2	226030	168805	168729	168729	168729
26602	Electro medical/ electrotherapeutic equipment						
26801	Audio & video tapes/ cassettes	2	135976	106083	106083	106083	106083
27	ELECTRICAL EQUIPMENT	87	61567697	49378704	28883717	28604815	28555499
27101	Electric transformers	3					
27102	Electric motors/ power generators etc	3	761401	761335	761335	761335	761335
27103	Electric power distribution panel etc.						
27104	Switchboard apparatus, fuses, switches	6	6274070	3906741	2169952	2178182	2178048

Codes	Industry Major Group	No. of Firms	Census Value Added at Market Price	Contribution to GDP at Market Price	Contribution to GDP at Producer Price	Contribution to GDP at Basic Price	Contribution to GDP at Factor Cost
27109	Others n.e.c.	11	234313	225703	223614	223614	223590
27203	Lead acid/ lithium/ dry/ wet batteries	8	33295202	27370821	13305137	13290217	13289923
27320	Insulated wire & cable	24	11509047	9058281	4722689	4670315	4670211
27401	Lamps, bulbs, ch&eliers,lanterns etc.	3	515976	439979	218190	135293	
27501	Domestic electric appliances						
27503	Domestic non-electric cooking equipment	23	8825577	7514697		7261919	
27909	Others n.e.c.	6	152110	101147	85477	83939	74612
28	MACHINERY AND EQUIPMENT N.E.C.	97	8741949	7953079	7648415	7646414	7642752
28132	Pumps for liquids	12	4818692	4702476	4694384	4694384	4694384
28133	Pumps for engines/ motor vehicle pumps						
28134	Industrial taps/ valves & h& pump etc	2	290734	241313		241313	
28191	Industrial freezing equipment etc	2	35294	33131	25827	25827	25535
28193	Filtering or purifying machinery						
28198	Parts for general-purpose machinery	59	1060242	797959		791134	
28199	Others n.e.c.	3	57909	51040	50820	50820	50637
28211	Tractors	2	518707	363929	363929	363929	363929
28214	Soil preparation, planting machinery	2	239900	239842	239842	239842	239842
28219	Diverse agricultural machinery	3	59372	58797	58797	58797	58797
28222	Tools for grinding, drilling, boring	3	180601	168251	167451	167451	167351
28259	Food processing machinery						
28261	Textile machinery	9	1480498	1296340	1014919	1012918	1012233
29	MOTOR VEHICLES, TRAILERS AND SEMI	227	132405145	121484559	77294612	65727682	65654221
29101	Passenger cars, commercial busses etc	12	95827262	88108702	49222447	38468944	38440702
29202	Trailers & semi-trailers	7	83107	78976	77656	77656	76246
29301	Parts & accessories for motor vehicles	208	36494776	33296881	27994509	27181083	27137273
30	OTHER TRANSPORT EQUIPMENT	21	15561519	12169351	7124438	6754555	6754021
30911	Motorcycles, engines for motorcycles	13	15423277	12044182	7003491	6637913	6637577
30912	Parts & accessories for motorcycles	8	138242	125169	120947	116642	116444
31	FURNITURE	31	1394624	1335715	1264409	1217831	1209238
31001	Furniture & fixtures	27	1361286	1303777	1232771	1186193	1177980
31004	Furniture for kitchen bedrooms etc.	4	33338	31938	31638	31638	31258
32	OTHER MANUFACTURING	58	3374305	3325248	3308771	3308771	3305127
32113	Jewellery, goldsmiths' articles.						
32121	Costume or imitation jewellery.	35	461839	457879	441402	441402	440949
32509	Others n.e.c.	9	469024	448161	448161	448161	445469
32902	Brooms & brushes.	2	124623	119889	119889	119889	119889
32903	Pens, pencils & stamps etc.	5	2130480	2130480	2130480	2130480	2130480
32909	Others n.e.c.	7	188338	168839	168839	168839	168340

Annexure – E Item wise Production Weights for Sindh

Industrial Sector/ Items	PISC	Unit of Quantity	Sindh Weight based on CMI 2015-16
10-FOOD PRODUCTS			12.3
Vegetable Ghee	10401	M.Tons	2.1
Cooking Oil	10401	M.Tons	2.1
Liquid Milk	10501	"000" Liters.	1.1
Wheat & Grain Milling	10611	M.Tons	0.6
Rice Milling	10612	M.Tons	1.9
Biscuits& Rusk	10713	M.Tons	1.3
Sugar	10721	M.Tons	1.3
Chocolate & sugar confectionery	10732	M.Tons	0.6
Tea	10792	M.Tons	1.1
Animal/ Polutry Feeds	10802	M.Tons	0.3
11-BEVERAGES			0.5
Mineral/ Bottled Waters	11042	"000" NOs.	0.1
Soft Drinks	11043	"000" NOs.	0.4
13-TEXTILES			17.6
Kinting Wool (Cotton Yarn)	13112	M.Tons	7.4
Woolen Worsted Cloth (Cotton Fabric)	13121	"000" Sq. M	8.0
Terry Towel and Bath Robes (MM Yarn)	13129	M.Tons	1.2
Woollen Blankets	13921	000Nos.	1.0
14-WEARING APPAREL			10.0
Garments	14102	Dozen	9.3
Hosiery, socks, tights etc.	14302	Dozen	0.7
15-LEATHER & RELATED PRODUCTS			0.4
Finished Leather/ Upper Leather	15111	"000" Sq. M.	0.4
16-WOOD & WOOD WORKS			0.1
Plywood	16212	"000" Sq. ft.	0.1
17-PAPER & PAPER PRODUCTS			2.2
Paper/ Paper Board (Writing Paper)	17013	M.Tons	0.8
Corrugated paper/ paperboard conainers (Packaging)	17021	M.Tons	1.4
18-PRINTING & RECORDED MEDIA			0.9
Printing of Newspapers/ magazines	18111	M.Tons	0.5
Printing of books, brochures, maps etc. (Advertizing Material)	18112	M.Tons	0.1
Prining of postage stamps, cheques etc. (Printing Papers)	18113	M.Tons	0.3
19-COKE & REFINED PETROLEUM PRODUCTS			12.4
Motor Sprit	19201	"000" Liters.	5.6
Kerosene oil	19201	"000" Liters.	5.6
L.P.G	19203	"000" Liters.	0.1
NapthaSolvant	19203	"000" Liters.	0.1
H.S.D	19203	"000" Liters.	0.1
Furnace Oil	19203	"000" Liters.	0.1
ASPHALT 80-100	19203	"000" Liters.	0.1
ASPHALT 60-70	19203	"000" Liters.	0.1

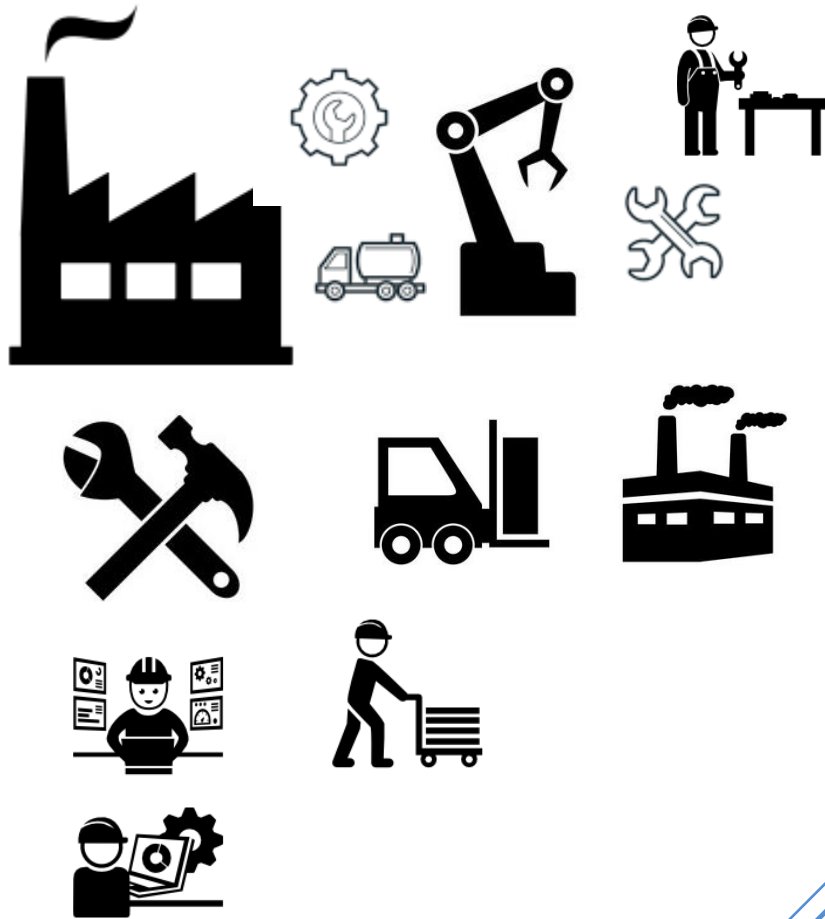
Industrial Sector/ Items	PISC	Unit of Quantity	Sindh Weight based on CMI 2015-16
Jet Fuel	19203	"000" Liters.	0.1
Lubricating Oil	19203	"000" Liters.	0.1
Others Petroleum Products	19203	"000" Liters.	0.1
20-CHEMICALS & CHEMICALS PRODUCTS			5.8
Surphuric/ Hydrochloric Acid/ Alum Sulphate	20115	M.Tons	0.4
Urea	20121	M.Tons	1.1
Amonia	20121	M.Tons	1.1
DAP	20121	M.Tons	1.1
Washing Soap	20232	M.Tons	0.8
Toilet Soap	20232	M.Tons	0.8
Detergent Powder	20234	M.Tons	0.5
21-PHARMACEUTICAL PRODUCTS			8.5
Tablets	21001	"000" NOs.	1.7
Liquied/ Syrups	21001	"000" Liters.	1.7
Injections	21001	"000" NOs.	1.7
Capsules	21001	"000" NOs.	1.7
Ointments	21001	KGs.	1.7
22-RUBBER & PLASTIC PRODUCTS			1.8
Motor Tyres	22111	Nos.	0.3
Plastic Products	22201	M.Tons	1.5
23-OTHER NON-METALIC MINERAL PRODUCTS			1.7
Cement	23941	M.Tons	1.6
Marble	23961	M.Tons	0.1
24-BASIC IRON & STEEL METALS			3.1
Steel Products	24104	M.Tons	0.3
M S Products	24106	M.Tons	2.8
25-FABRICATED METALS PRODUCTS			0.4
Safety Razor Blades	25931	"000" Nos.	0.4
27-ELECTRICAL EQUIPMENT			0.4
Insulated Wire & Cables	27320	M.Tons	0.4
29-MOTOR VEHICLES & PARTS			5.8
Trucks	29101	Nos.	0.4
Buses	29101	Nos.	0.4
LCV'S	29101	Nos.	0.4
Tractors	29101	Nos.	0.4
Cars	29101	Nos.	0.4
Vans & Jeep	29101	Nos.	0.4
Three Wheelers	29101	Nos.	0.4
Autoparts	29301	000'Nos.	2.2
Motor Cycles	30911	Nos.	0.5
31-FURNITURE			0.1
Sofa, Iron Chairs	31001	Nos.	0.1
Total			84.0

Annexure – F Monthly Item wise Time Series Production

Sectors/ Items	Unit	Monthly Production					
		Mar-23	Apr-23	May-23	June-23	July-23	Aug-23
FOOD PRODUCTS							
Vegetable Ghee	M.Tons	50,028	42,255	40,122	43,657	44,512	34,560
Cooking Oil	M.Tons	29,172	34,184	31,330	36,044	35,947	30,517
Liquid Milk	"000"Liters.	7,089	7,083	7,145	8,217	6,984	5,810
Wheat & Grain Milling	M.Tons	27,013	24,051	22,015	19,163	21,127	26,362
Rice Milling	M.Tons	14,924	16,042	13,845	1,196	1,017	1,508
Biscuits & Rusk	M.Tons	12,728	12,711	8,695	8,633	8,762	16,438
Sugar	M.Tons	475,795	547,164	3,028	-	-	-
Chocolate & sugar confectionery	M.Tons	366	421	366	456	351	367
Tea	M.Tons	2,318	4,543	4,464	4,109	3,467	4,210
Animal/ Poultry Feeds	M.Tons	122	146	139	128	135	128
BEVERAGES							
Mineral/ Bottled Waters	"000"NOs.	46,707	76,858	76,918	76,758	76,934	60,864
Soft Drinks	"000"NOs.	71,408	82,119	94,437	108,603	80,313	49,258
TEXTILES							
Knitting Wool (Cotton Yarn)	M.Tons	45,293	38,499	32,724	37,633	31,900	36,716
Woolen Worsted Cloth (Cotton Fabric)	"000" Sq.M	65,188	74,966	86,211	73,279	82,271	79,170
Terry Towel and Bath Robes (MM Yarn)	M.Tons	15,167	17,442	14,826	12,602	12,425	13,618
Woolen Blankets	000'Nos.	1,828	1,554	1,321	1,123	955	704
WEARING APPAREL							
Garments	Dozen	740,391	751,450	638,733	542,923	461,425	608,145
Hosiery, socks, tights etc.	Dozen	68,695	78,999	67,149	77,221	86,804	62,158
LEATHER & RELATED PRODUCTS							
Finished Leather/ Upper Leather	"000" Sq.M.	319	367	422	485	462	526
WOOD & WOOD WORKS							
Plywood	"000"Sq. ft.	12	10	8	4	3	4
PAPER & PAPER PRODUCTS							
Paper/ Paper Board (Writing Paper)	M.Tons	363	417	480	500	470	446

Sectors/ Items	Unit	Monthly Production					
		Mar-23	Apr-23	May-23	June-23	July-23	Aug-23
Corrugated paper/ paperboard containers (Packaging)	M.Tons	4,514	3,837	3,261	3,750	3,563	3,712
PRINTING & RECORDED MEDIA							
Printing of Newspapers/ magazines	M.Tons	524	445	512	589	560	524
Printing of books, brochures, maps etc. (Advertising Material)	M.Tons	455	523	445	512	481	489
Printing of postage stamps, cheques etc.(Printing Papers)	M.Tons	434	369	314	361	343	391
COKE & REFINED PETROLEUM PRODUCTS							
Motor Sprit	"000"Liters.	16,069	24,098	24,327	14,671	22,533	27,290
Kerosene oil	"000"Liters.	1,292	1,291	709	-	356	-
L.P.G	"000"Liters.	983	1,648	1,402	846	1,637	1,114
Naphtha Solvent	"000"Liters.	5,625	4,184	5,247	1,930	2,362	1,235
H.S.D	"000"Liters.	97,928	92,139	87,839	81,969	108,415	130,998
Furnace Oil	"000"Liters.	55,749	60,960	46,575	27,307	57,530	59,312
ASPHALT 80-100	"000"Liters.	2,393	2,393	2,601	-	-	3,474
ASPHALT 60-70	"000"Liters.	7,738	7,738	7,764	13,074	11,139	3,533
Jet Fuel	"000"Liters.	17,121	21,285	7,179	10,364	15,480	10,391
Lubricating Oil	"000"Liters.	11,169	11,091	11,692	12,425	12,298	10,391
Others Petroleum Products	"000"Liters.	30,353	30,353	18,602	17,015	30,510	27,306
CHEMICAL & CHEMICAL PRODUCTS							
Sulphuric/ Hydrochloric Acid/ Alum Sulphate	M.Tons	3,190	2,712	3,119	6,190	6,210	5,335
Urea	M.Tons	325,473	364,947	363,374	249,800	335,072	214,496
Ammonia	M.Tons	14,347	37,530	59,138	74,282	50,929	66,870
DAP	M.Tons	18,928	37,622	37,781	34,159	25,738	26,624
Washing Soap	M.Tons	20,396	17,337	14,736	6,724	7,659	6,015
Toilet Soap	M.Tons	4,431	4,702	4,156	3,322	3,820	4,918
Detergent Powder	M.Tons	32,045	36,852	31,324	36,023	30,620	23,758
PHARMACEUTICAL PRODUCTS							
Tablets	"000" NOs.	2,386,171	2,314,586	2,384,024	2,312,503	2,381,800	2,451,012
Liquid/ Syrups	"000" Liters.	40,893	42,120	43,384	44,686	43,300	41,930

Sectors/ Items	Unit	Monthly Production					
		Mar-23	Apr-23	May-23	June-23	July-23	Aug-23
Injections	"000" NOs.	65,228	67,185	65,169	67,124	65,258	71,852
Capsules	"000" NOs.	190,593	184,875	179,329	184,709	190,212	201,162
Ointments	KGs.	300,111	277,051	268,739	276,801	214,415	199,850
RUBBER & PLASTIC PRODUCTS							
Motor Tires	Nos.	182,502	155,127	131,858	151,637	108,186	179,698
Plastic Products	M.Tons	5,060	5,819	4,946	5,688	4,887	3,778
OTHER NON METALIC MINERAL PRODUCTS							
Cement	M.Tons	803,336	729,160	607,997	682,696	720,894	812,640
Marble	M.Tons	400	340	391	332	349	505
BASIC IRON & STEEL METALS							
Steel Products	M.Tons	10,029	11,533	7,853	14,288	12,954	10,880
M S Products	M.Tons	13,723	11,665	13,255	15,243	13,216	14,085
FABRICATED METAL PRODUCT							
Safety Razor Blades	"000" Nos.	50,731	41,451	40,233	48,876	46,784	58,719
ELECTRICAL EQUIPMENTS							
Insulated Wire & Cables	M.Tons	4,213	3,581	4,165	4,790	4,371	4,683
MOTOR VEHICLES & PARTS							
Trucks	Nos.	283	250	100	168	193	157
Buses	Nos.	48	42	136	195	166	43
LCV'S	Nos.	586	615	359	218	251	87
Tractors	Nos.	3,242	3,698	2,945	2,945	2,503	5,397
Cars	Nos.	4,708	6,011	3,740	5,093	4,329	6,264
Vans & Jeep	Nos.	1,841	1,386	1,049	1,343	1,544	1,442
Three Wheelers	Nos.	1,082	1,593	605	1,056	1,215	1,746
Auto parts	000'Nos.	3,915	3,957	8,324	8,249	9,486	8,107
Motor Cycles	Nos.	100,605	83,836	76,852	100,536	95,509	105,023
FURNITURE							
Sofa, Iron Chairs	Nos.	366	311	264	304	319	358



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[MIPE September, 2023 – Industries Section, Bureau of Statistics, Sindh](#)