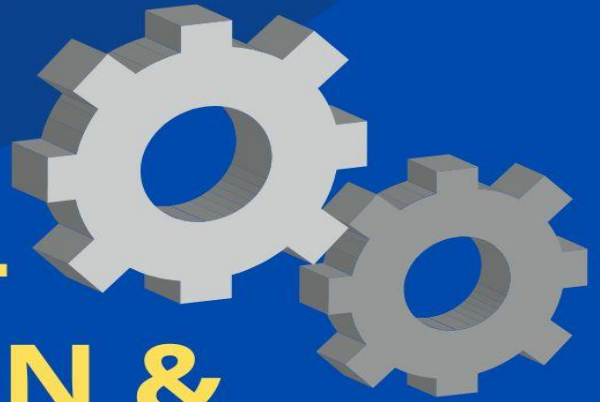


**MIPE
SEPTEMBER,
2024**

**MONTHLY
INDUSTRIAL
PRODUCTION &
EMPLOYMENT
SURVEY**



Monthly Industrial Production & Employment Survey (MIPE) September, 2024

**Industries Section
Bureau of Statistics
Planning & Development Department
Government of Sindh**

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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. Rafiq Ahmed Chandio

Director General

Bureau of Statistics

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Government of Sindh

Table of Contents

PREFACE	III
LIST OF TABLES.....	V
LIST OF FIGURES.....	V
LIST OF EQUATIONS.....	V
MIPE TEAM	VI
1. INTRODUCTION	1
2. MANUFACTURING ACTIVITY	1
3. SCOPE AND COVERAGE	1
4. INDUSTRIAL CLASSIFICATION	3
5. FRAME OF SINDH CMI 2015-16	3
6. METHODOLOGY AND QUESTIONNAIRE	4
7. QUANTUM INDEX OF MANUFACTURING (QIM)	5
8. REPORT ANALYSIS.....	6
ANNEXURE – A PROFORMA/ QUESTIONNAIRE	15
ANNEXURE – B IMPORTANT DEFINITIONS	16
ANNEXURE – C DATA USERS	17
ANNEXURE – D CENSUS VALUE ADDED AND CONTRIBUTION TO GDP	18
ANNEXURE – E ITEM WISE PRODUCTION WEIGHTS FOR SINDH	23
ANNEXURE – F LAST SIX MONTH ITEM WISE TIME SERIES OF PRODUCTION	25
ANNEXURE – G LAST SIX MONTH ITEM WISE TIME SERIES OF TOTAL EMPLOYMENT	28

List of Tables

TABLE. 1. DISTRICT WISE NUMBER OF MANUFACTURING ESTABLISHMENTS COVERED IN CMI	3
TABLE. 2. DISTRICT WISE NUMBER OF MANUFACTURING ESTABLISHMENTS COVERED IN CMIS	4
TABLE 3: SERIES OF QUANTUM INDEX OF MANUFACTURING (QIM) AT (2015-16=100)	6
TABLE 4: PRODUCTION OF SELECTED ITEMS PERTAINING TO LARGE-SCALE MANUFACTURING SECTOR, SEP-2024 VS AUG-2024	8
TABLE 5: PRODUCTION OF SELECTED ITEMS PERTAINING TO LARGE-SCALE MANUFACTURING SECTOR, SEP-2024 VS SEP-2023	10
TABLE 6: EMPLOYMENT IN SELECTED LARGE-SCALE MANUFACTURING SECTOR, SEP-2024 VS AUG-2024	12
TABLE 7: EMPLOYMENT IN SELECTED LARGE-SCALE MANUFACTURING SECTOR, SEP-2024 VS SEP-2023	13
TABLE 8: GENDER WISE PERCENTAGE OF EMPLOYMENT IN SELECTED LARGE-SCALE MANUFACTURING SECTOR, SEP-2024	14

List of Figures

FIGURE 1: TREND OF QUANTUM INDEX OF LARGE SCALE MANUFACTURING INDUSTRIES AT BASE YEAR 2015-16	7
FIGURE 2: TREND OF AVERAGE MONTHLY EMPLOYMENT IN LARGE SCALE MANUFACTURING INDUSTRIES QIM 2015-16	7
FIGURE 3: CHART OF GENDER WISE PERCENTAGES OF EMPLOYMENT IN LARGE SCALE MANUFACTURING INDUSTRIES	14

List of Equations

Equation 1 Laspayer's Index	5
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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. 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). In Pakistan, manufacturing sector contributes 11.89 % to Gross Domestic Product (GDP) dominates the overall manufacturing sector. During FY 2023, the Manufacturing sector, which contains LSM, small-scale manufacturing, and slaughtering, remained negative because of prolonged growth of LSM, measured through QIM. According to the Pakistan Economic Survey 2023-24, manufacturing sector has a share of 65.25% in Industry. Historically, Pakistan's manufacturing sector has played a crucial role in the country's economic growth. Textiles are Pakistan's most critical manufacturing sector. It has the longest production chain, with inherent potential for value addition at each processing stage, from cotton to ginning, spinning, fabric, dyeing and finishing, made-ups, and garments. The sector contributes nearly one-fourth of industrial value added and employs about 40 percent of the industrial labor force. Barring seasonal and cyclical fluctuations, textile products have maintained an average share of about 54.5 percent in national exports. Industrial sector performance is more dependent on Large-Scale Manufacturing Industries (LSM) as it is measured by Quantum Index of Manufacturing (QIM) i.e., 78.4 %. 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 84.0 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.

Another important part of this chapter is employment, and according to the Pakistan Labour Force Survey 2020–21, 36.3 million working-age people live in the province of Sindh, whereas 25.4% are engaged with the industrial sector. Annexure-G presents the average monthly employment in selected large scale manufacturing industries. The time series of the last five years shows the highest employment was reported in 2020–21 with a number of employees of 219,210, while the lowest employment in the manufacturing sector was reported in 2018-19 with a number of employees of 119,986. Due to the base year conversion employment percentage changes are not comparable to the last financial year, 2020–21.

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	Matiali	-	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 these 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.

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

Equation 1 Laspayer's Index

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

q_{io} = 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, 2024 significantly increased by 5.62% as compared to last month of Aug, 2024.
- Production in manufacturing sector for the month of Sep, 2024 is drastically decreased by 21.87% as compared to corresponding month of last year.
- Large Scale Manufacturing employment during Sep, 2024 marginally increased by 1.27% as compared to previous month and similar trend followed like previous month.
- Employment in manufacturing sector for the month of Sep, 2024 is decreased by 1.81% 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	2023-24	2024-25
July	106.3	148.9	141.2	115.5
August	107.1	148.2	132.6	107.6
September	107.5	147.4	145.5	113.6
October	126.7	147.4	147.6	
November	134.7	140.4	148.2	
December	134.0	148.5	153.5	
January	136.1	154.5	152.5	
February	139.8	156.6	137.6	
March	149.8	167.0	128.6	
April	139.0	154.4	123.9	
May	147.1	139.1	130.0	
June	157.0	144.9	113.6	
Average (Geometric Mean)	131.0	149.6	137.4	

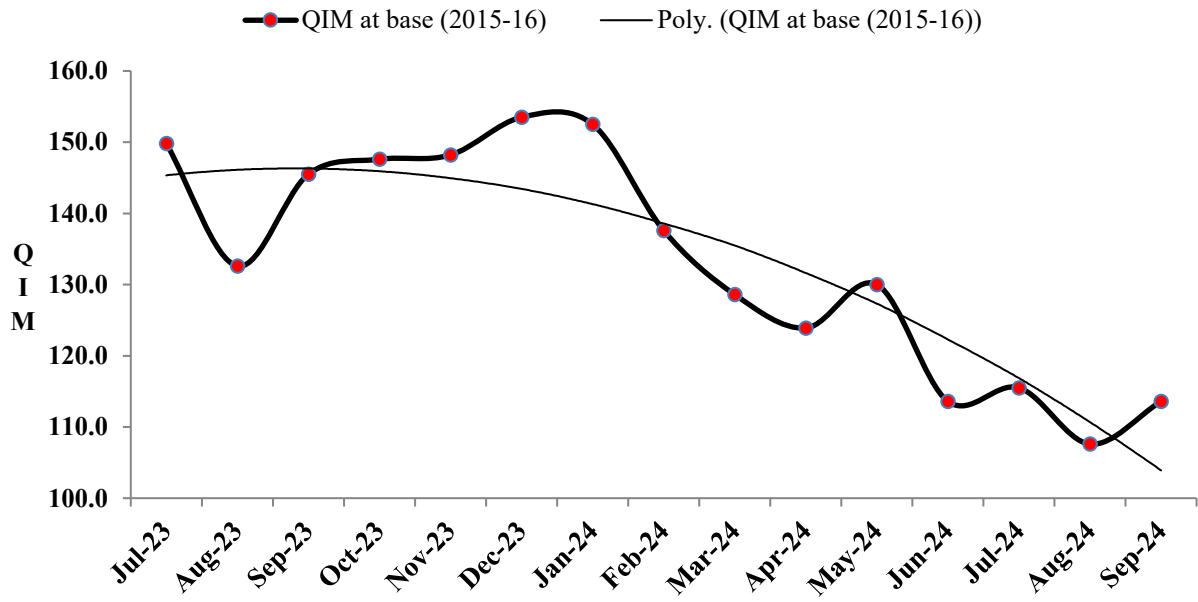


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2015-16

The QIM (2015–16 base) shows a steady decline from late 2023 to mid-2024, indicating a sharp contraction in manufacturing activity. This downturn may be likely reflects high production costs, weak export demand, and tight monetary conditions, though a slight recovery appears by September 2024 as conditions begin to stabilize.

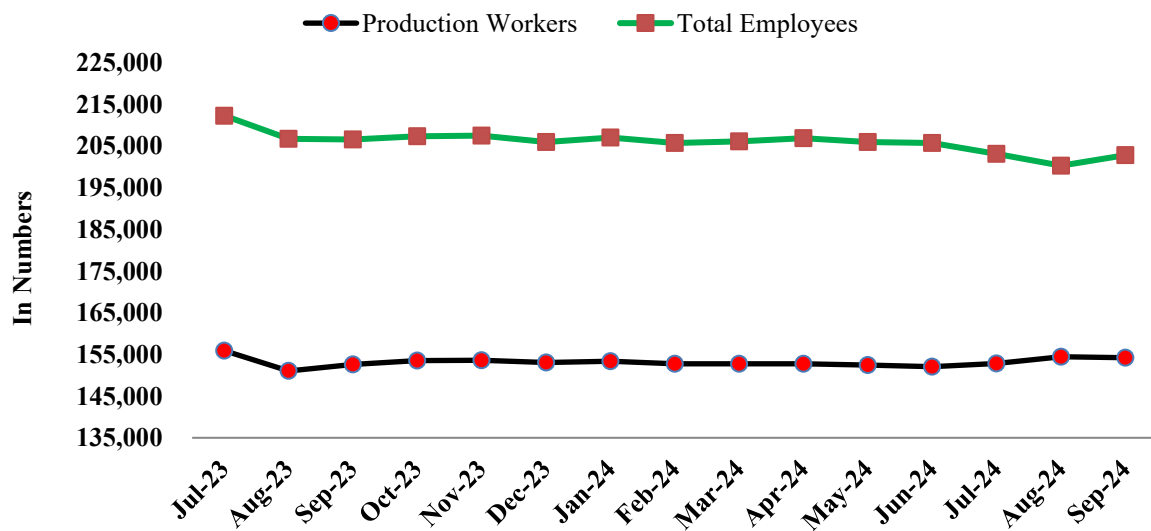


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries QIM 2015-16

The monthly trend of total employees and production workers in the manufacturing sector from July 2023 to September 2024 show minor fluctuations with a generally stable employment pattern despite the downturn in production during the same period.

Table 4: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Sep-2024 Vs Aug-2024

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Sep:2024 with Aug: 2024
						Sep:2024	Aug:2024	
1.	<u>FOOD PRODUCTS</u>		209	12.3				
i.	Vegetable Ghee	10401	25	2.1	M.Tons	30,548	30,961	98.7
ii.	Cooking Oil	10401	25	2.1	M.Tons	32,160	30,247	106.3
iii.	Liquid Milk	10501	3	1.1	"000" Liters.	3,472	4,083	85.0
iv.	Wheat & Grain Milling	10611	36	0.6	M.Tons	31,178	30,798	101.2
v.	Rice Milling	10612	65	1.9	M.Tons	1,263	1,098	115.0
vi.	Biscuits & Rusk	10713	12	1.3	M.Tons	18,397	18,383	100.1
vii.	Sugar	10721	27	1.3	M.Tons	-	-	-
viii.	Chocolate & sugar confectionery	10732	6	0.6	M.Tons	698	635	109.9
ix.	Tea	10792	4	1.1	M.Tons	4,594	3,809	120.6
x.	Animal/ Poultry Feeds	10802	6	0.3	M.Tons	1,967	2,195	89.6
2.	<u>BEVERAGES</u>		7	0.5				
i.	Mineral/ Bottled Waters	11042	4	0.1	"000" NOs.	57,412	67,231	85.4
ii.	Soft Drinks	11043	3	0.4	"000" NOs.	53,874	62,488	86.2
3.	<u>TEXTILES</u>		128	17.6				
i.	Knitting Wool (Cotton Yarn)	13112	52	7.4	M.Tons	33,853	32,046	105.6
ii.	Woolen Worsted Cloth (Cotton Fabric)	13121	45	8.0	"000" Sq. M	43,269	41,973	103.1
iii.	Terry Towel and Bath Robes (MM Yarn)	13129	21	1.2	M.Tons	7,279	6,851	106.2
iv.	Woolen Blankets	13921	10	1.0	"000" NOs.	897	696	128.9
4.	<u>WEARING APPAREL</u>		56	10.0				
i.	Garments	14102	51	9.3	Dozen	201,552	196,132	102.8
ii.	Hosiery, socks, tights etc.	14302	5	0.7	Dozen	17,895	20,587	86.9
5.	<u>LEATHER & RELATED PRODUCTS</u>		15	0.4				
i.	Finished Leather/ Upper Leather	15111	15	0.4	"000" Sq. M.	234	228	102.6
6.	<u>WOOD & WOOD WORKS</u>		2	0.1				
i.	Plywood	16212	2	0.1	"000"Sq.ft	-	7	-
7.	<u>PAPER & PAPER PRODUCTS</u>		13	2.2				
i.	Paper/ Paper Board (Writing Paper)	17013	3	0.8	M.Tons	341	366	93.2
ii.	Corrugated paper/ paperboard containers (Packaging)	17021	10	1.4	M.Tons	3,941	3,936	100.1
8.	<u>PRINTING & RECORDED MEDIA</u>		17	0.9				
i.	Printing of Newspapers/ magazines	18111	5	0.5	M.Tons	313	337	92.9
ii.	Printing of books, brochures, maps etc. (Advertising Material)	18112	10	0.1	M.Tons	377	383	98.4
iii.	Printing of postage stamps, cheques etc. (Printing Papers)	18113	2	0.3	M.Tons	344	318	108.2
9.	<u>COKE & REFINED PETROLEUM PRODUCTS</u>		9	12.4				
i.	Motor Sprit	19201	3	5.6	"000" Liters.	24,283	27,267	89.1
ii.	Kerosene oil	19201	3	5.6	"000" Liters.	2,327	424	548.8
iii.	L.P.G	19203	9	0.1	"000" Liters.	1,303	1,548	84.1
iv.	Naphtha Solvent	19203	9	0.1	"000" Liters.	7,304	16,131	45.3
v.	H.S.D	19203	9	0.1	"000" Liters.	113,381	134,759	84.1
vi.	Furnace Oil	19203	9	0.1	"000" Liters.	52,979	68,631	77.2
vii.	ASPHALT 80-100	19203	9	0.1	"000" Liters.	465	141	330.0
viii.	ASPHALT 60-70	19203	9	0.1	"000" Liters.	7,555	10,112	74.7
ix.	Jet Fuel	19203	9	0.1	"000" Liters.	8,221	8,837	93.0
x.	Lubricating Oil	19203	9	0.1	"000" Liters.	6,917	8,257	83.8

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Sep:2024 with Aug: 2024
						Sep:2024	Aug:2024	
xi.	Others Petroleum Products	19203	9	0.1	"000" Liters.	24,906	26,098	95.4
10.	<u>CHEMICALS & CHEMICALS PRODUCTS</u>		14	5.8				
i.	Sulphuric/ Hydrochloric Acid/ Alum Sulphate	20115	5	0.4	M.Tons	6,078	2,539	239.4
ii.	Urea	20121	3	1.1	M.Tons	241,300	235,052	102.7
iii.	Ammonia	20121	3	1.1	M.Tons	-	-	-
iv.	DAP	20121	3	1.1	M.Tons	76,566	75,955	100.8
v.	Washing Soap	20232	6	0.8	M.Tons	6,184	6,276	98.5
vi.	Toilet Soap	20232	6	0.8	M.Tons	4,370	5,114	85.5
vii.	Detergent Powder	20234	4	0.5	M.Tons	13,128	14,625	89.8
11.	<u>PHARMACEUTICAL PRODUCTS</u>		41	8.5				
i.	Tablets	21001	41	1.7	"000" NOs.	2,315,631	2,247,215	103.0
ii.	Liquid / Syrups	21001	41	1.7	"000" Liters.	38,743	37,817	102.4
iii.	Injections	21001	41	1.7	"000" NOs.	69,742	68,806	101.4
iv.	Capsules	21001	41	1.7	"000" NOs.	196,234	197,148	99.5
v.	Ointments	21001	41	1.7	KGs.	163,034	161,891	100.7
12.	<u>RUBBER & PLASTIC PRODUCTS</u>		23	1.8				
i.	Motor Tires	22111	2	0.3	Nos.	176,579	158,036	111.7
ii.	Plastic Products	22201	21	1.5	M.Tons	4,673	4,785	97.7
13.	<u>OTHER NON-METALIC MINERAL PRODUCTS</u>		19	1.7				
i.	Cement	23941	5	1.6	M.Tons	775,885	650,238	119.3
ii.	Marble	23961	14	0.1	M.Tons	254	254	100.0
14.	<u>BASIC IRON & STEEL METALS</u>		13	3.1				
i.	Steel Products	24104	3	0.3	M.Tons	11,661	11,135	104.7
ii.	M S Products	24106	10	2.8	M.Tons	10,119	13,819	73.2
15.	<u>FABRICATED METALS PRODUCTS</u>		1	0.4				
i.	Safety Razor Blades	25931	1	0.4	"000" Nos.	37,118	27,094	137.0
16.	<u>ELECTRICAL EQUIPMENT</u>		8	0.4				
i.	Insulated Wire & Cables	27320	8	0.4	M.Tons	3,821	2,053	186.1
17.	<u>MOTOR VEHICLES & PARTS</u>		60	5.8				
i.	Trucks	29101	13	0.4	Nos.	265	219	121.0
ii.	Buses	29101	13	0.4	Nos.	54	60	90.0
iii.	LCV'S	29101	13	0.4	Nos.	614	640	95.9
iv.	Tractors	29101	13	0.4	Nos.	996	2,288	43.5
v.	Cars	29101	13	0.4	Nos.	9,579	4,557	210.2
vi.	Vans & Jeep	29101	13	0.4	Nos.	1,711	1,880	91.0
vii.	Three Wheelers	29101	13	0.4	Nos.	3,049	4,258	71.6
viii.	Auto parts	29301	28	2.2	"000" Nos.	8,036	8,060	99.7
ix.	Motor Cycles	30911	19	0.5	Nos.	123,548	102,896	120.1
18.	<u>FURNITURE</u>		6	0.1				
i.	Sofa, Iron Chairs	31001	6	0.1	Nos.	684	981	69.7
			641	84.0				

Table 5: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Sep-2024 Vs Sep-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:2024 with Sep:2023
						Sep:2024	Sep:2023	
1.	<u>FOOD PRODUCTS</u>		209	12.3				
i.	Vegetable Ghee	10401	25	2.1	M.Tons	30,548	34,560	88.4
ii.	Cooking Oil	10401	25	2.1	M.Tons	32,160	30,517	105.4
iii.	Liquid Milk	10501	3	1.1	"000" Liters.	3,472	5,810	59.8
iv.	Wheat & Grain Milling	10611	36	0.6	M.Tons	31,178	26,362	118.3
v.	Rice Milling	10612	65	1.9	M.Tons	1,263	1,508	83.7
vi.	Biscuits & Rusk	10713	12	1.3	M.Tons	18,397	16,438	111.9
vii.	Sugar	10721	27	1.3	M.Tons	-	-	-
viii.	Chocolate & sugar confectionery	10732	6	0.6	M.Tons	698	367	190.2
ix.	Tea	10792	4	1.1	M.Tons	4,594	4,210	109.1
x.	Animal/ Poultry Feeds	10802	6	0.3	M.Tons	1,967	128	1536.7
2.	<u>BEVERAGES</u>		7	0.5				
i.	Mineral/ Bottled Waters	11042	4	0.1	"000" NOs.	57,412	60,864	94.3
ii.	Soft Drinks	11043	3	0.4	"000" NOs.	53,874	49,258	109.4
3.	<u>TEXTILES</u>		128	17.6				
i.	Knitting Wool (Cotton Yarn)	13112	52	7.4	M.Tons	33,853	36,716	92.2
ii.	Woolen Worsted Cloth (Cotton Fabric)	13121	45	8.0	"000" Sq. M	43,269	79,170	54.7
iii.	Terry Towel and Bath Robes (MM Yarn)	13129	21	1.2	M.Tons	7,279	13,618	53.5
iv.	Woolen Blankets	13921	10	1.0	"000" NOs.	897	704	127.4
4.	<u>WEARING APPAREL</u>		56	10.0				
i.	Garments	14102	51	9.3	Dozen	201,552	608,145	33.1
ii.	Hosiery, socks, tights etc.	14302	5	0.7	Dozen	17,895	62,158	28.8
5.	<u>LEATHER & RELATED PRODUCTS</u>		15	0.4				
i.	Finished Leather/ Upper Leather	15111	15	0.4	"000" Sq. M.	234	526	44.5
6.	<u>WOOD & WOOD WORKS</u>		2	0.1				
i.	Plywood	16212	2	0.1	"000" Sq.ft	-	4	-
7.	<u>PAPER & PAPER PRODUCTS</u>		13	2.2				
i.	Paper/ Paper Board (Writing Paper)	17013	3	0.8	M.Tons	341	446.0	76.5
ii.	Corrugated paper/ paperboard containers (Packaging)	17021	10	1.4	M.Tons	3,941	3712	106.2
8.	<u>PRINTING & RECORDED MEDIA</u>		17	0.9				
i.	Printing of Newspapers/ magazines	18111	5	0.5	M.Tons	313	524	59.7
ii.	Printing of books, brochures, maps etc. (Advertising Material)	18112	10	0.1	M.Tons	377	489	77.1
iii.	Printing of postage stamps, cheques etc. (Printing Papers)	18113	2	0.3	M.Tons	344	391	88.0
9.	<u>COKE & REFINED PETROLEUM PRODUCTS</u>		9	12.4				
i.	Motor Sprit	19201	3	5.6	"000" Liters.	24,283	27,290	89.0
ii.	Kerosene oil	19201	3	5.6	"000" Liters.	2,327	-	-
iii.	L.P.G	19203	9	0.1	"000" Liters.	1,303	1,114	116.9
iv.	Naphtha Solvent	19203	9	0.1	"000" Liters.	7,304	1,235	591.4
v.	H.S.D	19203	9	0.1	"000" Liters.	113,381	130,998	86.6
vi.	Furnace Oil	19203	9	0.1	"000" Liters.	52,979	59,312	89.3
vii.	ASPHALT 80-100	19203	9	0.1	"000" Liters.	465	3,474	13.4
viii.	ASPHALT 60-70	19203	9	0.1	"000" Liters.	7,555	3,533	213.8
ix.	Jet Fuel	19203	9	0.1	"000" Liters.	8,221	10,391	79.1
x.	Lubricating Oil	19203	9	0.1	"000" Liters.	6,917	10,391	66.6

Sr. No.	Industrial Sector/ Items	PISIC	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Sep:2024 with Sep:2023
						Sep:2024	Sep:2023	
xi.	Others Petroleum Products	19203	9	0.1	"000" Liters.	24,906	27,306	91.2
10.	<u>CHEMICALS & CHEMICALS PRODUCTS</u>		14	5.8				
i.	Sulphuric/ Hydrochloric Acid/ Alum Sulphate	20115	5	0.4	M.Tons	6,078	5,335	113.9
ii.	Urea	20121	3	1.1	M.Tons	241,300	214,496	112.5
iii.	Ammonia	20121	3	1.1	M.Tons	-	66,870	-
iv.	DAP	20121	3	1.1	M.Tons	76,566	26,624	287.6
v.	Washing Soap	20232	6	0.8	M.Tons	6,184	6,015	102.8
vi.	Toilet Soap	20232	6	0.8	M.Tons	4,370	4,918	88.9
vii.	Detergent Powder	20234	4	0.5	M.Tons	13,128	23,758	55.3
11.	<u>PHARMACEUTICAL PRODUCTS</u>		41	8.5				
i.	Tablets	21001	41	1.7	"000" NOs.	2,315,631	2,451,012	94.5
ii.	Liquid / Syrups	21001	41	1.7	"000" Liters.	38,743	41,930	92.4
iii.	Injections	21001	41	1.7	"000" NOs.	69,742	71,852	97.1
iv.	Capsules	21001	41	1.7	"000" NOs.	196,234	201,162	97.6
v.	Ointments	21001	41	1.7	KGs.	163,034	199,850	81.6
12.	<u>RUBBER & PLASTIC PRODUCTS</u>		23	1.8				
i.	Motor Tires	22111	2	0.3	Nos.	176,579	179,698	98.3
ii.	Plastic Products	22201	21	1.5	M.Tons	4,673	3,778	123.7
13.	<u>OTHER NON-METALIC MINERAL PRODUCTS</u>		19	1.7				
i.	Cement	23941	5	1.6	M.Tons	775,885	812,640	95.5
ii.	Marble	23961	14	0.1	M.Tons	254	505	50.3
14.	<u>BASIC IRON & STEEL METALS</u>		13	3.1				
i.	Steel Products	24104	3	0.3	M.Tons	11,661	10,880	107.2
ii.	M S Products	24106	10	2.8	M.Tons	10,119	14,085	71.8
15.	<u>FABRICATED METALS PRODUCTS</u>		1	0.4				
i.	Safety Razor Blades	25931	1	0.4	"000" Nos.	37,118	58,719	63.2
16.	<u>ELECTRICAL EQUIPMENT</u>		8	0.4				
i.	Insulated Wire & Cables	27320	8	0.4	M.Tons	3,821	4,683	81.6
17.	<u>MOTOR VEHICLES & PARTS</u>		60	5.8				
i.	Trucks	29101	13	0.4	Nos.	265	157	168.8
ii.	Buses	29101	13	0.4	Nos.	54	43	125.6
iii.	LCV'S	29101	13	0.4	Nos.	614	87	705.7
iv.	Tractors	29101	13	0.4	Nos.	996	5,397	18.5
v.	Cars	29101	13	0.4	Nos.	9,579	6,264	152.9
vi.	Vans & Jeep	29101	13	0.4	Nos.	1,711	1,442	118.7
vii.	Three Wheelers	29101	13	0.4	Nos.	3,049	1,746	174.6
viii.	Auto parts	29301	28	2.2	"000" Nos.	8,036	8,107	99.1
ix.	Motor Cycles	30911	19	0.5	Nos.	123,548	105,023	117.6
18.	<u>FURNITURE</u>		6	0.1				
i.	Sofa, Iron Chairs	31001	6	0.1	Nos.	684	358	191.1
			641	84.0				

Table 6: Employment in Selected Large-Scale Manufacturing Sector, Sep-2024 Vs Aug-2024

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Sep:2024	Aug:2024	Sep:2024	Aug:2024
1	FOOD PRODUCTS	209	22,177	22,510	14,718	15,025
2	BEVERAGES	7	5,156	6,630	1,172	1,352
3	TEXTILES	128	88,217	85,273	70,410	71,222
4	WEARING APPAREL	56	27,389	27,389	23,515	23,515
5	LEATHER & RELATED PRODUCTS	15	4,150	3,922	3,670	3,443
6	WOOD & WOOD WORKS	2	380	380	318	318
7	PAPER & PAPER PRODUCTS	13	1,999	2,009	1,398	1,401
8	PRINTING & RECORDED MEDIA	17	3,797	3,825	3,003	2,992
9	COKE & REFINED PETROLEUM PRODUCTS	9	1,227	1,209	918	894
10	CHEMICALS & CHEMICALS PRODUCTS	14	6,861	6,889	5,222	5,257
11	PHARMACEUTICAL PRODUCTS	41	14,553	14,542	9,967	9,959
12	RUBBER & PLASTIC PRODUCTS	23	5,909	4,504	4,236	3,314
13	OTHER NON-METALIC MINERAL PRODUCTS	19	3,087	2,941	2,074	1,929
14	BASIC IRON & STEEL METALS	13	1,064	1,006	809	760
15	FABRICATED METALS PRODUCTS	1	516	472	484	442
16	ELECTRICAL EQUIPMENT	8	7,006	7,028	5,369	5,371
17	MOTOR VEHICLES & PARTS	60	9,284	9,706	6,933	7,192
18	FURNITURE	6	57	57	34	34
	Grand Total	641	202,827	200,291	154,251	154,419

Table 7: Employment in Selected Large-Scale Manufacturing Sector, Sep-2024 Vs Sep-2023

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Sep:2024	Sep:2023	Sep:2024	Sep:2023
1	FOOD PRODUCTS	209	22,177	22,291	14,718	14,761
2	BEVERAGES	7	5,156	5,156	1,172	1,172
3	TEXTILES	128	88,217	91,683	70,410	69,019
4	WEARING APPAREL	56	27,389	27,389	23,515	23,515
5	LEATHER & RELATED PRODUCTS	15	4,150	4,150	3,670	3,670
6	WOOD & WOOD WORKS	2	380	380	318	318
7	PAPER & PAPER PRODUCTS	13	1,999	2,080	1,398	1,430
8	PRINTING & RECORDED MEDIA	17	3,797	4,001	3,003	2,788
9	COKE & REFINED PETROLEUM PRODUCTS	9	1,227	1,227	918	918
10	CHEMICALS & CHEMICALS PRODUCTS	14	6,861	6,861	5,222	5,222
11	PHARMACEUTICAL PRODUCTS	41	14,553	14,553	9,967	9,967
12	RUBBER & PLASTIC PRODUCTS	23	5,909	5,909	4,236	4,236
13	OTHER NON-METALIC MINERAL PRODUCTS	19	3,087	2,971	2,074	1,961
14	BASIC IRON & STEEL METALS	13	1,064	1,064	809	809
15	FABRICATED METALS PRODUCTS	1	516	516	484	484
16	ELECTRICAL EQUIPMENT	8	7,006	7,006	5,369	5,369
17	MOTOR VEHICLES & PARTS	60	9,284	9,284	6,933	6,933
18	FURNITURE	6	57	57	34	34
	Grand Total	641	202,827	206,575	154,251	152,608

Table 8: Gender wise Percentage of Employment in Selected Large-Scale Manufacturing Sector, Sep-2024

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Male %	Female %	Male %	Female %
1	FOOD PRODUCTS	209	99.3%	0.7%	99.5%	0.5%
2	BEVERAGES	7	98.3%	1.7%	95.8%	4.2%
3	TEXTILES	128	97.2%	2.8%	97.7%	2.3%
4	WEARING APPAREL	56	82.4%	17.6%	81.8%	18.2%
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	95.6%	4.4%	95.8%	4.2%
10	CHEMICALS & CHEMICALS PRODUCTS	14	97.9%	2.1%	98.4%	1.6%
11	PHARMACEUTICAL PRODUCTS	41	86.2%	13.8%	82.4%	17.6%
12	RUBBER & PLASTIC PRODUCTS	23	95.1%	4.9%	98.6%	1.4%
13	OTHER NON-METALIC MINERAL PRODUCTS	19	98.8%	1.2%	99.6%	0.4%
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	98.0%	2.0%	98.2%	1.8%
17	MOTOR VEHICLES & PARTS	60	97.7%	2.3%	98.6%	1.4%
18	FURNITURE	6	98.9%	1.1%	98.2%	1.8%
	Grand Total	641	94.8%	5.2%	94.6%	5.4%

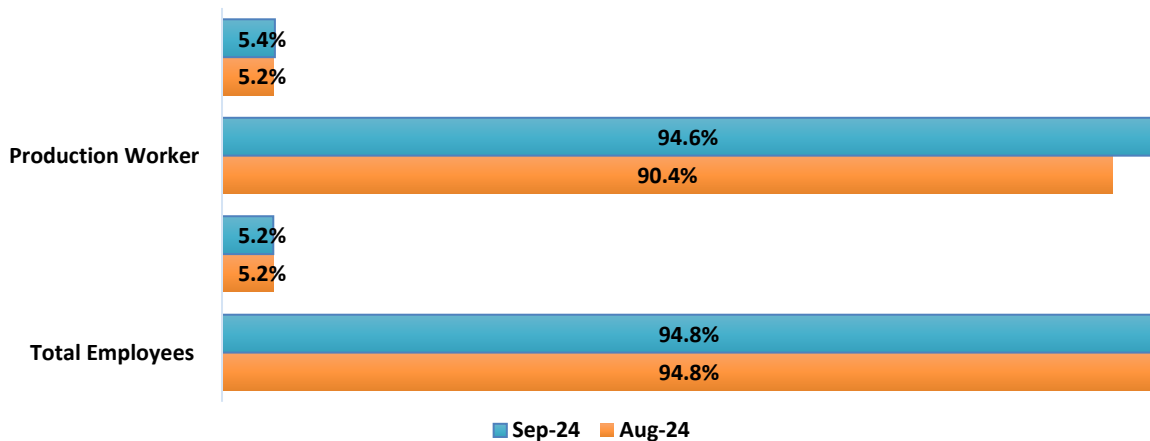


Figure 3: Chart of Gender wise Percentages of Employment in Large Scale Manufacturing Industries

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.

iii) No. of Non production workers

TOTAL (ii + iii)

Male _____ Female _____ Total _____

Male _____ Female _____ Total _____

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 & planning 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
Kintting 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 Last Six Month Item wise Time Series of Production

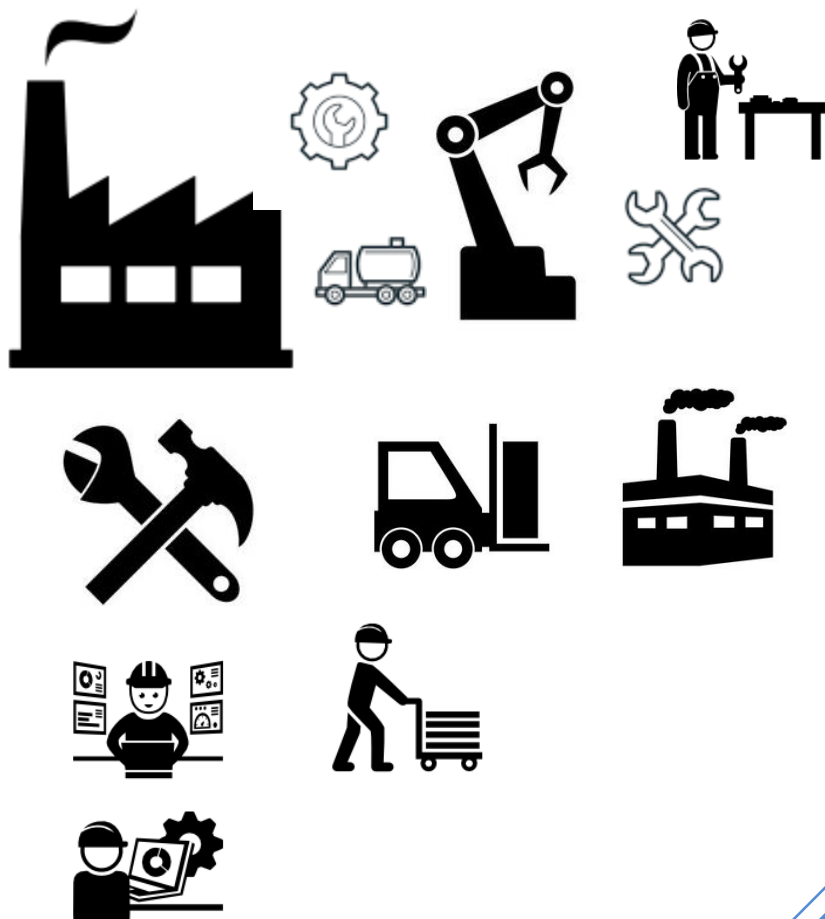
Sectors/ Items	Unit	Monthly Production					
		Mar-24	Apr-24	May-24	June-24	July-24	Aug-24
FOOD PRODUCTS							
Vegetable Ghee	M.Tons	30,435	28,479	28,909	31,170	30,486	30,961
Cooking Oil	M.Tons	35,158	35,100	33,125	35,013	31,664	30,247
Liquid Milk	"000"Liters.	5,208	4,919	4,873	4,085	3,981	4,083
Wheat & Grain Milling	M.Tons	42,338	40,987	34,639	44,268	37,409	30,798
Rice Milling	M.Tons	10,095	7,181	6,304	1,095	675	1,098
Biscuits & Rusk	M.Tons	14,150	14,162	13,154	14,250	14,025	18,383
Sugar	M.Tons	194,116	10,116	-	-	-	-
Chocolate & sugar confectionery	M.Tons	550	633	500	611	708	635
Tea	M.Tons	4,512	3,687	3,520	3,521	4,910	3,809
Animal/ Poultry Feeds	M.Tons	1,110	1,014	962	1,106	1,909	2,195
BEVERAGES							
Mineral/ Bottled Waters	"000"NOs.	57,231	68,116	78,100	83,815	79,243	67,231
Soft Drinks	"000"NOs.	46,498	53,173	61,449	65,666	57,816	62,488
TEXTILES							
Knitting Wool (Cotton Yarn)	M.Tons	41,890	35,107	39,373	35,279	35,571	32,046
Woolen Worsted Cloth (Cotton Fabric)	"000" Sq.M	55,985	49,587	56,025	48,429	50,165	41,973
Terry Towel and Bath Robes (MM Yarn)	M.Tons	7,184	6,706	7,912	9,709	8,851	6,851
Woolen Blankets	000'Nos.	1,074	987	898	863	731	696
WEARING APPAREL							
Garments	Dozen	242,946	216,504	237,980	212,677	216,775	196,132
Hosiery, socks, tights etc.	Dozen	31,947	28,155	24,532	20,212	23,044	20,587
LEATHER & RELATED PRODUCTS							
Finished Leather/ Upper Leather	"000" Sq.M.	351	311	274	237	241	228
WOOD & WOOD WORKS							
Plywood	"000"Sq. ft.	7	7	9	8	8	7
PAPER & PAPER PRODUCTS							
Paper/ Paper Board (Writing Paper)	M.Tons	381	354	370	382	358	366

Sectors/ Items	Unit	Monthly Production					
		Mar-24	Apr-24	May-24	June-24	July-24	Aug-24
Corrugated paper/ paperboard containers (Packaging)	M.Tons	4,401	4,081	4,191	3,914	3,818	3,936
PRINTING & RECORDED MEDIA							
Printing of Newspapers/ magazines	M.Tons	387	348	321	314	341	337
Printing of books, brochures, maps etc. (Advertising Material)	M.Tons	420	406	410	396	354	383
Printing of postage stamps, cheques etc.(Printing Papers)	M.Tons	334	302	328	317	345	318
COKE & REFINED PETROLEUM PRODUCTS							
Motor Sprit	"000"Liters.	8,793	27,407	29,979	28,372	28,372	27,267
Kerosene oil	"000"Liters.	-	2,735	40	424	424	424
L.P.G	"000"Liters.	692	1,395	1,566	1,031	1,210	1,548
Naphtha Solvent	"000"Liters.	18,557	4,239	4,239	6,639	3,714	16,131
H.S.D	"000"Liters.	126,487	115,587	125,147	105,419	96,071	134,759
Furnace Oil	"000"Liters.	57,978	47,462	33,436	52,600	48,606	68,631
ASPHALT 80-100	"000"Liters.	5,791	2,892	3,079	3,345	2,462	141
ASPHALT 60-70	"000"Liters.	9,126	10,950	3,533	13,985	6,769	10,112
Jet Fuel	"000"Liters.	8,599	9,068	9,969	8,055	3,135	8,837
Lubricating Oil	"000"Liters.	8,599	9,068	9,969	8,055	12,169	8,257
Others Petroleum Products	"000"Liters.	30,483	27,851	28,619	11,634	24,182	26,098
CHEMICAL & CHEMICAL PRODUCTS							
Sulphuric/ Hydrochloric Acid/ Alum Sulphate	M.Tons	6,665	6,285	6,448	5,775	5,823	2,539
Urea	M.Tons	329,517	208,277	223,898	175,947	393,659	235,052
Ammonia	M.Tons	-	-	-	-	-	-
DAP	M.Tons	75,725	57,550	43,234	68,627	78,800	75,955
Washing Soap	M.Tons	5,630	5,728	6,358	5,974	6,122	6,276
Toilet Soap	M.Tons	2,247	4,246	4,164	4,063	4,351	5,114
Detergent Powder	M.Tons	19,462	18,242	17,174	17,886	16,145	14,625
PHARMACEUTICAL PRODUCTS							
Tablets	"000" NOs.	2,168,001	2,232,041	2,289,002	2,220,989	2,237,619	2,247,215
Liquid/ Syrups	"000" Liters.	37,806	38,040	38,181	37,524	36,998	37,817

Sectors/ Items	Unit	Monthly Production					
		Mar-24	Apr-24	May-24	June-24	July-24	Aug-24
Injections	"000" NOs.	70,623	71,742	69,990	68,981	69,912	68,806
Capsules	"000" NOs.	201,580	205,627	200,458	201,444	196,401	197,148
Ointments	KGs.	177,710	181,041	176,610	171,908	167,751	161,891
RUBBER & PLASTIC PRODUCTS							
Motor Tires	Nos.	160,134	137,338	196,846	124,457	148,592	158,036
Plastic Products	M.Tons	5,587	5,504	5,429	5,012	4,861	4,785
OTHER NON METALIC MINERAL PRODUCTS							
Cement	M.Tons	751,922	701,923	794,849	697,961	644,916	650,238
Marble	M.Tons	384	324	299	301	276	254
BASIC IRON & STEEL METALS							
Steel Products	M.Tons	22,721	9,835	10,327	14,517	13,636	11,135
M S Products	M.Tons	13,002	12,582	13,035	12,583	13,745	13,819
FABRICATED METAL PRODUCT							
Safety Razor Blades	"000" Nos.	25,606	28,886	30,530	29,287	34,167	27,094
ELECTRICAL EQUIPMENTS							
Insulated Wire & Cables	M.Tons	3,643	3,661	3,285	3,285	3,285	2,053
MOTOR VEHICLES & PARTS							
Trucks	Nos.	295	193	263	247	287	219
Buses	Nos.	25	26	44	52	60	60
LCV'S	Nos.	681	599	989	690	992	640
Tractors	Nos.	4,218	3,413	3,413	3,184	2,239	2,288
Cars	Nos.	7,268	6,805	8,472	8,626	6,632	4,557
Vans & Jeep	Nos.	772	1,154	1,646	1,476	2,099	1,880
Three Wheelers	Nos.	1,804	1,335	2,161	1,440	2,594	4,258
Auto parts	000'Nos.	9,910	9,715	9,429	8,725	8,961	8,060
Motor Cycles	Nos.	99,762	96,848	118,398	86,404	82,922	102,896
FURNITURE							
Sofa, Iron Chairs	Nos.	903	828	849	918	862	981

Annexure – G Last Six Month Item wise Time Series of Total Employment

Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employment					
		Mar-24	Apr-24	May-24	June-24	July-24	Aug-24
FOOD PRODUCTS	209	23,957	24,412	24,284	23,985	23,105	22,510
BEVERAGES	7	5,120	5,136	5,136	5,136	4,694	6,630
TEXTILES	128	89,366	89,345	88,709	88,994	89,187	85,273
WEARING APPAREL	56	27,389	27,389	27,521	27,389	26,768	27,389
LEATHER & RELATED PRODUCTS	15	4,052	3,956	4,050	3,852	4,111	3,922
WOOD & WOOD WORKS	2	383	383	383	383	380	380
PAPER & PAPER PRODUCTS	13	2,103	2,061	2,077	2,122	2,013	2,009
PRINTING & RECORDED MEDIA	17	3,859	3,814	3,876	3,876	3,791	3,825
COKE & REFINED PETROLEUM PRODUCTS	9	1,224	1,227	1,227	1,227	1,266	1,209
CHEMICALS & CHEMICALS PRODUCTS	14	6,901	7,391	6,910	6,956	6,902	6,889
PHARMACEUTICAL PRODUCTS	41	14,611	14,628	14,628	14,628	14,996	14,542
RUBBER & PLASTIC PRODUCTS	23	5,959	5,947	5,973	5,973	4,506	4,504
OTHER NON-METALIC MINERAL PRODUCTS	19	2,947	2,926	2,961	2,915	2,841	2,941
BASIC IRON & STEEL METALS	13	1,094	1,092	1,097	1,090	999	1,006
FABRICATED METALS PRODUCTS	1	506	508	508	508	476	472
ELECTRICAL EQUIPMENT	8	7,049	7,071	7,071	7,055	7,046	7,028
MOTOR VEHICLES & PARTS	60	9,474	9,512	9,481	9,551	9,966	9,706
FURNITURE	6	117	57	57	57	57	57



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