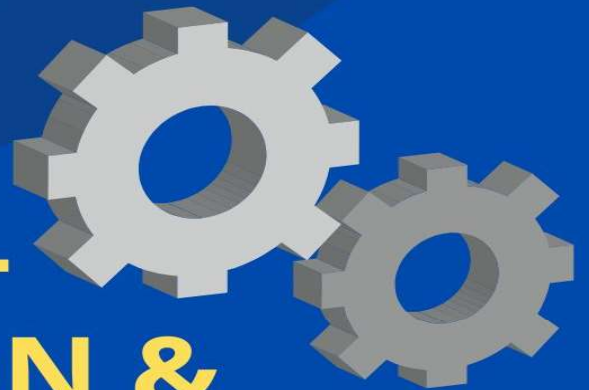


**BUREAU OF STATISTICS
PLANNING & DEVELOPMENT DEPARTMENT
GOVERNMENT OF SINDH**



**MIPE
December, 2022**

**MONTHLY
INDUSTRIAL
PRODUCTION &
EMPLOYMENT
SURVEY**



Monthly Survey of Industrial Production & Employment (MIPE) December 2022

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

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Preface

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

This report contains information on 65 items manufactured in 17 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

Bureau of Statistics

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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. PRODUCTION VALUE	4
7. METHODOLOGY AND QUESTIONNAIRE	5
8. QUANTUM INDEX OF MANUFACTURING (QIM).....	6
9. REPORT ANALYSIS	7
ANNEXURE – A PROFORMA/ QUESTIONNAIRE	18
ANNEXURE – B IMPORTANT DEFINITIONS	19
ANNEXURE – C DATA USERS.....	20
ANNEXURE – D CENSUS VALUE ADDED AND CONTRIBUTION TO GDP.....	21
ANNEXURE – E ITEM WISE PRODUCTION WEIGHTS FOR SINDH	26
ANNEXURE – F MONTHLY ITEM WISE TIME SERIES PRODUCTION	28

List of Tables

<i>Table 1. District wise number of Manufacturing Establishments covered in CMI</i>	2
<i>Table 2. District wise number of Manufacturing Establishments covered in CMIs</i>	3
<i>Table 3. Value of Production at producers' price of Major Industry Groups in Sindh (CMIs)</i>	4
<i>Table 4: Series of Quantum Index of Manufacturing (QIM) at (2015-16=100)</i>	7
<i>Table 5: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Dec-2022 Vs Nov-2022</i>	9
<i>Table 6: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Dec-2022 VS Dec-2021</i>	11
<i>Table 7: Cumulative Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, July-Dec-2022-23 Vs July-Dec-2021-22</i>	13
<i>Table 8: Employment in Selected Large-Scale Manufacturing Sector, Dec 2022 VS Nov 2022</i>	15
<i>Table 9: Employment in Selected Large-Scale Manufacturing Sector, Dec-2022 Vs Dec-2021</i>	16
<i>Table 10: Gender wise Percentage of Employment in Selected Large-Scale Manufacturing Sector, Dec 2022</i>	17

List of Figures

<i>Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2015-16</i>	8
<i>Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries QIM 2015-16</i>	8
<i>Figure 3: Chart of Gender wise Percentages of Employment in Large Scale Manufacturing Industries</i>	17

List of Equations

<i>Equation 1 Laspayer's Index</i>	6
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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 65 items manufactured in 17 large scale Industrial sectors from 6299 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		1,054
08	Karachi East		252
09	Karachi Korangi		1,123
10	Karachi Malir	1,198*	181
11	Karachi South		322
12	Karachi West		1,383
13	Kashmore	-	42 ²
14	Khairpur	15	44
15	Larkana	84	97
16	Matari	-	11
17	MripurKhas	22	53
18	NaushahroFeroze	18	51
19	Sanghar	43	138
20	Shahdad Kot	-	82 ²
21	Shaheed Benazirabad	24	115
22	Shikarpur	25	68
23	Sukkur	54	157
24	TandoAllahyar	-	49 ³
25	Tando Muhammad Khan	-	21 ³
26	Tharparkar	-	25 ⁴
27	Thatta	17	186
28	UmerKot	-	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 6299. Sindh Bureau of Statistics has covered 2517 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
Basic Metals, Iron, Steel & Non-ferrous Metals	656	44	126
Fabricated Metal Products	1245	42	53
Non-Electrical Machinery	624	43	97
Electrical Machinery and Equip.	498	17	87
Vehicles, Transport and Equipment's	653	69	248
Scientific, Computer, Electronic & Optical	28	4	6
All others	1087	49	164
Total	23,712	1825	6299

Source: CMI 2005-06 & 2015-16

6. Production Value

CMI 2015-16 shows value of production/total output at producer prices Rs: 4,999/- Million rupees depicted an increase over Rs: 1,200/- Millions in CMI 2005-06. These values include all indirect taxes (net of subsidies) except general sales tax.

Table. 3. Value of Production at producers' price of Major Industry Groups in Sindh (CMIs)

Major Industry Groups	Value of Production	
	2005-06	2015-16
ALL INDUSTRIES	1,200,402,292	4,998,512,416
Food Manufacturing	159,054,854	1,040,698,913
Beverages	8,610,996	42,753,885
Tobacco	10,105,025	616,735
Textiles	249,672,362	939,462,620
Wearing Apparel (Except Footwear)	38,106,139	399,234,048
Leather & Leather Products including Footwear	8,038,076	26,659,092
Wood & Wood Products	6,062,952	21,347,998
Furniture	2,158,118	3,277,728
Paper and Paper Products	2,806,694	109,083,124
Printing & Publishing	8,528,675	43,416,912
Drugs and Pharmaceutical Products	60,525,956	356,248,029
Industrial Chemicals	84,405,865	446,500,746
Petroleum & Miscellaneous Products	187,567,264	560,685,493
Rubber Products	4,543,618	16,291,004
Plastic Products (N.E.C)	11,839,961	89,315,665
Other Non-Metallic Mineral Products	34,973,827	88,763,351
Basic Metal Iron, Steel & Non-ferous Metals	61,042,045	227,746,292
Fabricated Metal Products	12,255,849	16,616,924
Non-Electrical Machinery	16,569,417	22,808,920
Electrical Machinery and Equip.	29,552,473	152,775,948
Transport and Equipment's	124,822,531	385,672,541
Scientific, Photographic & Optical	264,866	982,026
All others	78,894,729	7,554,424

Source: CMI 2005-06 & 2015-16

7. Methodology and Questionnaire

7.1. 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.

7.2. 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, Whatsapp and telephonic approach are also used for collection of monthly returns and increase the response rate.

7.3. 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.

8. 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 17 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.

9. Report Analysis

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

- Overall Production in month of December, 2022 is increased by 6.05% as compared to last month of November, 2022.
- Production in manufacturing sector for the month of December, 2022 is increased by 3.77% as compared to corresponding month of last year.
- Cumulative production from July to Dec (2022-23) is increased by 24.04% than the cumulative production of July-Dec (2021-22).
- Large Scale Manufacturing employment during Dec, 2022 slightly increased by 3.04% as compared to previous month.
- Large Scale Manufacturing employment during Dec, 2022 is decreased by 4.74% as compared to corresponding month of last year.
-

Table 4: Series of Quantum Index of Manufacturing (QIM) at (2015-16=100)

Month/ Year	2021-22	2022-23
July	106	137
August	107	138
September	107	136
October	127	132
November	135	131
December	134	134
January	136	
February	140	
March	150	
April	139	
May	147	
June	157	
Average (Geometric Mean)	131	

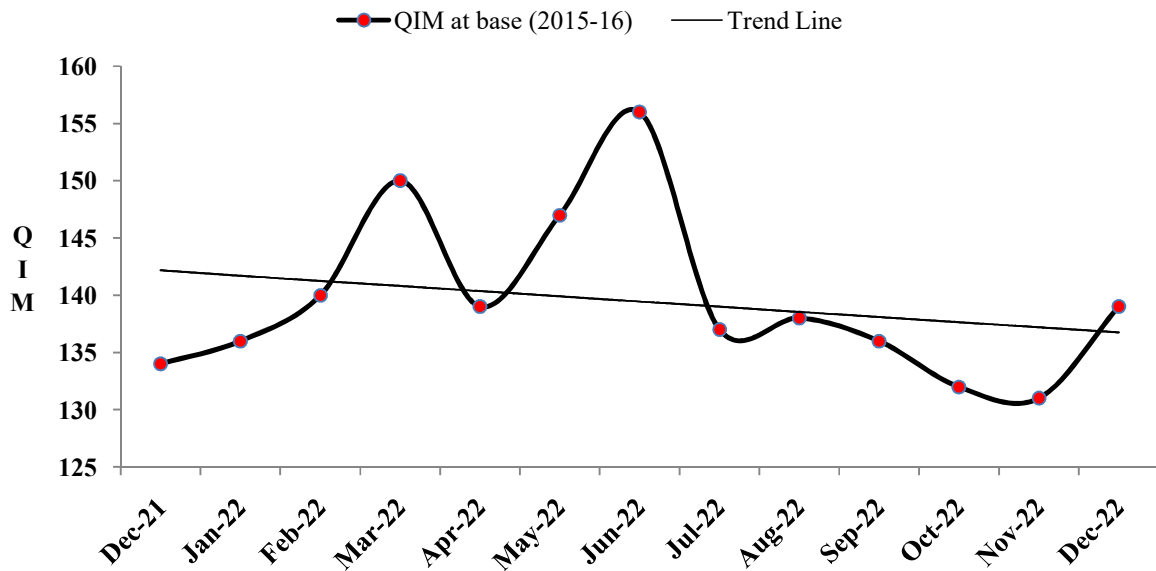


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2015-16

Overall QIM index in last six months is showing decreasing trend. Similarly, in month to month change from last month growth reported increasing around 2.97% reason for this increase is increase in production of vegetable ghee and cooking oil, some seasonal items like Cotton Fabrics, MM Yarn, MS Products and some pharmaceutical products. Major chunk is in Vegetable Ghee & Cooking Oil.

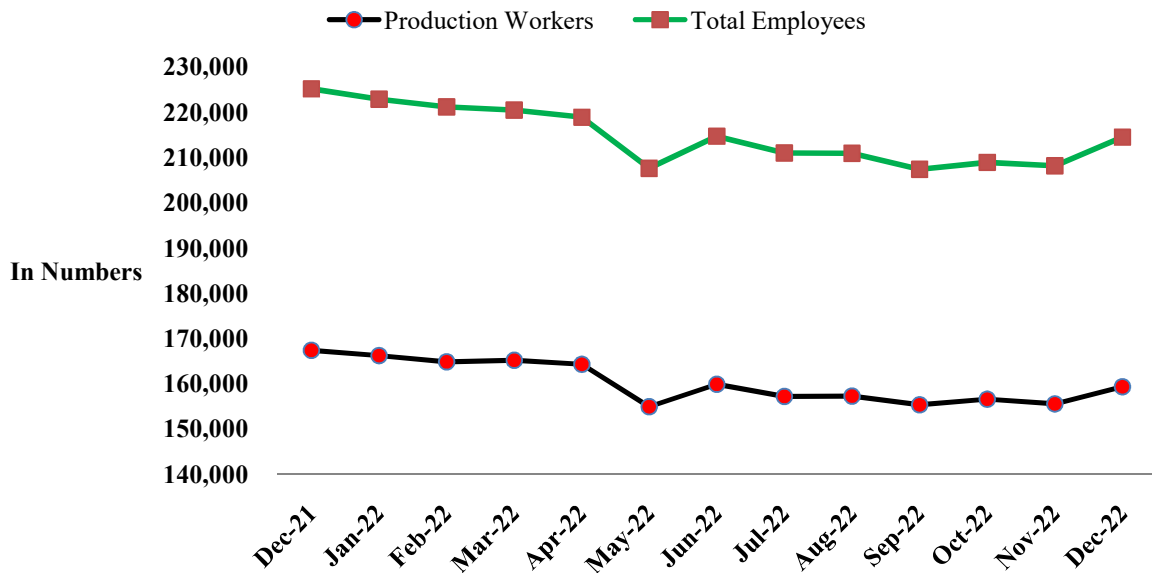


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries QIM 2015-16

Overall employment trend in financial year 2022-23 is going downward. In current month the employment is slightly upward compared to last month. Major sectors, in which the employment is increased in the month of December, 2022 are Beverages, Textile, Leather & Leather Products, Wood & Wood Products, Fabricated Metal Products & Furniture.

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

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Dec:2022 with Nov: 2022
					Dec: 2022	Nov: 2022	
1.	<u>FOOD PRODUCTS</u>	209	12.3				
i.	Vegetable Ghee	25	2.1	M.Tons	39,791	34,601	115.0
ii.	Cooking Oil	25	2.1	M.Tons	28,251	28,118	100.5
iii.	Liquid Milk	3	1.1	"000" Liters.	7,142	7,080	100.9
iv.	Wheat & Grain Milling	36	0.6	M.Tons	25,619	24,452	104.8
v.	Rice Milling	65	1.9	M.Tons	18,787	11,611	161.8
vi.	Biscuits & Rusk	12	1.3	M.Tons	14,472	15,587	92.8
vii.	Sugar	27	1.3	M.Tons	242,902	58,093	418.1
viii.	Chocolate & sugar confectionery	6	0.6	M.Tons	410	400	102.5
ix.	Tea	4	1.1	M.Tons	4,373	4,375	100.0
x.	Animal/ Polutry Feeds	6	0.3	M.Tons	102	169	60.4
2.	<u>BEVERAGES</u>	7	0.5				
i.	Mineral/ Bottled Waters	4	0.1	"000" NOs.	35,317	31,580	111.8
ii.	Soft Drinks	3	0.4	"000" NOs.	53,995	54,144	99.7
3.	<u>TEXTILES</u>	128	17.6				
i.	Kintting Wool (Cotton Yarn)	52	7.4	M.Tons	38,029	39,119	97.2
ii.	Woolen Worsted Cloth (Cotton Fabric)	45	8.0	"000" Sq. M	58,365	55,368	105.4
iii.	Terry Towel and Bath Robes (MM Yarn)	21	1.2	M.Tons	14,186	13,205	107.4
iv.	Woollen Blankets	10	1.0	000'Nos.	2,243	1,950	115.0
4.	<u>WEARING APPAREL</u>	56	10.0				
i.	Garments	51	9.3	Dozen	722,413	715,142	101.0
ii.	Hosiery, socks, tights etc.	5	0.7	Dozen	76,394	75,125	101.7
5.	<u>LEATHER & RELATED PRODUCTS</u>	15	0.4				
i.	Finished Leather/ Upper Leather	15	0.4	"000" Sq. M.	323	380	85.0
6.	<u>WOOD & WOOD WORKS</u>	2	0.1				
i.	Plywood	2	0.1	"000" Sq.ft	16	13	123.1
7.	<u>PAPER & PAPER PRODUCTS</u>	13	2.2				
i.	Paper/ Paper Board (Writing Paper)	3	0.8	M.Tons	415	372	111.6
ii.	Corrugated paper/ paperboard conainers (Packaging)	10	1.4	M.Tons	5,195	4,517	115.0
8.	<u>PRINTING & RECORDED MEDIA</u>	17	0.9				
i.	Printing of Newspapers/ magazines	5	0.5	M.Tons	738	642	115.0
ii.	Printing of books, brochures, maps etc. (Advertizing Material)	10	0.1	M.Tons	518	450	115.1
iii.	Prining of postage stamps, cheques etc. (Printing Papers)	2	0.3	M.Tons	553	650	85.1
9.	<u>COKE & REFINED PETROLEUM PRODUCTS</u>	9	12.4				
i.	Motor Sprit	3	5.6	"000" Liters.	22,600	22,654	99.8
ii.	Kerosene oil	3	5.6	"000" Liters.	840	841	-
iii.	L.P.G	9	0.1	"000" Liters.	1,915	2,131	89.9
iv.	Naptha Solvant	9	0.1	"000" Liters.	4,720	4,724	99.9
v.	H.S.D	9	0.1	"000" Liters.	117,181	129,637	90.4
vi.	Furnace Oil	9	0.1	"000" Liters.	51,727	46,781	110.6
vii.	ASPHALT 80-100	9	0.1	"000" Liters.	-	2,835	0.0

viii.	ASPHALT 60-70	9	0.1	"000" Liters.	7,729	9,538	81.0
ix.	Jet Fuel	9	0.1	"000" Liters.	14,288	18,273	78.2
x.	Lubricating Oil	9	0.1	"000" Liters.	13,840	11,493	120.4
xi.	Others Petroleum Products	9	0.1	"000" Liters.	21,840	22,777	95.9
10.	<u>CHEMICALS & CHEMICALS PRODUCTS</u>	14	5.8				
i.	Surphuric/ Hydrochloric Acid/ Alum Sulphate	5	0.4	M.Tons	3,947	4,643	85.0
ii.	Urea	3	1.1	M.Tons	212,521	184,628	115.1
iii.	Amonia	3	1.1	M.Tons	56,641	66,637	85.0
iv.	DAP	3	1.1	M.Tons	38,986	40,775	95.6
v.	Washing Soap	6	0.8	M.Tons	28,229	27,156	104.0
vi.	Toilet Soap	6	0.8	M.Tons	3,871	4,651	83.2
vii.	Detergent Powder	4	0.5	M.Tons	29,714	32,605	91.1
11.	<u>PHARMACEUTICAL PRODUCTS</u>	41	8.5				
i.	Tablets	41	1.7	"000" NOs.	2,295,876	2,293,236	100.1
ii.	Liquied/ Syrups	41	1.7	"000" Liters.	37,536	36,275	103.5
iii.	Injections	41	1.7	"000" NOs.	62,922	63,537	99.0
iv.	Capsules	41	1.7	"000" NOs.	198,288	200,629	98.8
v.	Ointments	41	1.7	KGs.	330,839	285,545	115.9
12.	<u>RUBBER & PLASTIC PRODUCTS</u>	23	1.8				
i.	Motor Tyres	2	0.3	Nos.	178,929	201,778	88.7
ii.	Plastic Products	21	1.5	M.Tons	6,769	7,964	85.0
13.	<u>OTHER NON-METALIC MINERAL PRODUCTS</u>	19	1.7				
i.	Cement	5	1.6	M.Tons	475,351	537,089	88.5
ii.	Marble	14	0.1	M.Tons	500	435	114.9
14.	<u>BASIC IRON & STEEL METALS</u>	13	3.1				
i.	Steel Products	3	0.3	M.Tons	6,659	9,504	70.1
ii.	M S Products	10	2.8	M.Tons	14,039	2,206	636.4
15.	<u>FABRICATED METALS PRODUCTS</u>	1	0.4				
i.	Safety Razor Blades	1	0.4	"000" Nos.	50,836	40,750	124.8
16.	<u>ELECTRICAL EQUIPMENT</u>	8	0.4				
i.	Insulated Wire & Cables	8	0.4	M.Tons	4,075	4,073	100.0
17.	<u>MOTOR VEHICLES & PARTS</u>	60	5.8				
i.	Trucks	13	0.4	Nos.	291	304	95.7
ii.	Buses	13	0.4	Nos.	57	61	93.4
iii.	LCV'S	13	0.4	Nos.	524	495	105.9
iv.	Tractors	13	0.4	Nos.	1,064	2,003	53.1
v.	Cars	13	0.4	Nos.	13,758	15,506	88.7
vi.	Vans & Jeep	13	0.4	Nos.	1,915	1,881	101.8
vii.	Three Wheelers	13	0.4	Nos.	2,084	1,839	113.3
viii.	Autoparts	28	2.2	000'Nos.	3,504	2,303	152.1
ix.	Motor Cycles	19	0.5	Nos.	105,154	107,282	98.0
18.	<u>FURNITURE</u>	6	0.1				
i.	Sofa, Iron Chairs	6	0.1	Nos.	351	366	95.9
		641	84.0				

Table 6: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, Dec-2022 VS Dec-2021

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in Dec:2022 with Dec:2021
					Dec: 2022	Dec: 2021	
1.	<u>FOOD PRODUCTS</u>	209	12.3				
i.	Vegetable Ghee	25	2.1	M.Tons	39,791	19,209	207.1
ii.	Cooking Oil	25	2.1	M.Tons	28,251	34,601	81.6
iii.	Liquid Milk	3	1.1	"000" Liters.	7,142	10,840	65.9
iv.	Wheat & Grain Milling	36	0.6	M.Tons	25,619	40,778	62.8
v.	Rice Milling	65	1.9	M.Tons	18,787	34,811	54.0
vi.	Biscuits & Rusk	12	1.3	M.Tons	14,472	28,315	51.1
vii.	Sugar	27	1.3	M.Tons	242,902	339,024	71.6
viii.	Chocolate & sugar confectionery	6	0.6	M.Tons	410	399	102.8
ix.	Tea	4	1.1	M.Tons	4,373	4,397	99.5
x.	Animal/ Polutry Feeds	6	0.3	M.Tons	102	391	26.1
2.	<u>BEVERAGES</u>	7	0.5				
i.	Mineral/ Bottled Waters	4	0.1	"000" NOs.	35,317	19,741	178.9
ii.	Soft Drinks	3	0.4	"000" NOs.	53,995	28,341	190.5
3.	<u>TEXTILES</u>	128	17.6				
i.	Kintting Wool (Cotton Yarn)	52	7.4	M.Tons	38,029	32,987	115.3
ii.	Woolen Worsted Cloth (Cotton Fabric)	45	8.0	"000" Sq. M	58,365	40,279	144.9
iii.	Terry Towel and Bath Robes (MM Yarn)	21	1.2	M.Tons	14,186	5,789	245.1
iv.	Woollen Blankets	10	1.0	000Nos.	2,243	1,410	159.1
4.	<u>WEARING APPAREL</u>	56	10.0				
i.	Garments	51	9.3	Dozen	722,413	847,069	85.3
ii.	Hosiery, socks, tights etc.	5	0.7	Dozen	76,394	152,014	50.3
5.	<u>LEATHER & RELATED PRODUCTS</u>	15	0.4				
i.	Finished Leather/ Upper Leather	15	0.4	"000" Sq. M.	323	605	53.4
6.	<u>WOOD & WOOD WORKS</u>	2	0.1				
i.	Plywood	2	0.1	"000"Sq.ft	16	-	-
7.	<u>PAPER & PAPER PRODUCTS</u>	13	2.2				
i.	Paper/ Paper Board (Writing Paper)	3	0.8	M.Tons	415	407	102.0
ii.	Corrugated paper/ paperboard containers (Packaging)	10	1.4	M.Tons	5,195	3,310	156.9
8.	<u>PRINTING & RECORDED MEDIA</u>	17	0.9				
i.	Printing of Newspapers/ magazines	5	0.5	M.Tons	738	218	338.5
ii.	Printing of books, brochures, maps etc. (Advertizing Material)	10	0.1	M.Tons	518	243	213.2
iii.	Prining of postage stamps, cheques etc. (Printing Papers)	2	0.3	M.Tons	553	441	125.4
9.	<u>COKE & REFINED PETROLEUM PRODUCTS</u>	9	12.4				
i.	Motor Sprit	3	5.6	"000" Liters.	22,600	10,758	210.1
ii.	Kerosene oil	3	5.6	"000" Liters.	840	-	-
iii.	L.P.G	9	0.1	"000" Liters.	1,915	3,441	55.7
iv.	Naptha Solvant	9	0.1	"000" Liters.	4,720	44,286	10.7
v.	H.S.D	9	0.1	"000" Liters.	117,181	73,357	159.7
vi.	Furnace Oil	9	0.1	"000" Liters.	51,727	34,357	150.6
vii.	ASPHALT 80-100	9	0.1	"000" Liters.	-	9,285	0.0

viii.	ASPHALT 60-70	9	0.1	"000" Liters.	7,729	9,285	83.2
ix.	Jet Fuel	9	0.1	"000" Liters.	14,288	16,962	84.2
x.	Lubricating Oil	9	0.1	"000" Liters.	13,840	25,341	54.6
xi.	Others Petroleum Products	9	0.1	"000" Liters.	21,840	46,324	47.1
10.	<u>CHEMICALS & CHEMICALS PRODUCTS</u>	14	5.8				
i.	Surphuric/ Hydrochloric Acid/ Alum Sulphate	5	0.4	M.Tons	3,947	3,302	119.5
ii.	Urea	3	1.1	M.Tons	212,521	330,638	64.3
iii.	Amonia	3	1.1	M.Tons	56,641	75,955	74.6
iv.	DAP	3	1.1	M.Tons	38,986	52,689	74.0
v.	Washing Soap	6	0.8	M.Tons	28,229	17,412	162.1
vi.	Toilet Soap	6	0.8	M.Tons	3,871	4,698	82.4
vii.	Detergent Powder	4	0.5	M.Tons	29,714	14,782	
11.	<u>PHARMACEUTICAL PRODUCTS</u>	41	8.5				
i.	Tablets	41	1.7	"000" NOs.	2,295,876	1,222,127	187.9
ii.	Liquied/ Syrups	41	1.7	"000" Liters.	37,536	12,617	297.5
iii.	Injections	41	1.7	"000" NOs.	62,922	60,371	104.2
iv.	Capsules	41	1.7	"000" NOs.	198,288	184,924	107.2
v.	Ointments	41	1.7	KGs.	330,839	207,396	159.5
12.	<u>RUBBER & PLASTIC PRODUCTS</u>	23	1.8				
i.	Motor Tyres	2	0.3	Nos.	178,929	182,214	98.2
ii.	Plastic Products	21	1.5	M.Tons	6,769	6,895	98.2
13.	<u>OTHER NON-METALIC MINERAL PRODUCTS</u>	19	1.7				
i.	Cement	5	1.6	M.Tons	475,351	677,269	70.2
ii.	Marble	14	0.1	M.Tons	500	1,209	41.4
14.	<u>BASIC IRON & STEEL METALS</u>	13	3.1				
i.	Steel Products	3	0.3	M.Tons	6,659	2,577	258.4
ii.	M S Products	10	2.8	M.Tons	14,039	15,966	87.9
15.	<u>FABRICATED METALS PRODUCTS</u>	1	0.4				
i.	Safety Razor Blades	1	0.4	"000" Nos.	50,836	53,874	94.4
16.	<u>ELECTRICAL EQUIPMENT</u>	8	0.4				
i.	Insulated Wire & Cables	8	0.4	M.Tons	4,075	3,595	113.4
17.	<u>MOTOR VEHICLES & PARTS</u>	60	5.8				
i.	Trucks	13	0.4	Nos.	291	432	67.4
ii.	Buses	13	0.4	Nos.	57	52	109.6
iii.	LCV'S	13	0.4	Nos.	524	1,932	27.1
iv.	Tractors	13	0.4	Nos.	1,064	4,911	21.7
v.	Cars	13	0.4	Nos.	13,758	22,168	62.1
vi.	Vans & Jeep	13	0.4	Nos.	1,915	1,489	128.6
vii.	Three Wheelers	13	0.4	Nos.	2,084	3,392	61.4
viii.	Autoparts	28	2.2	000'Nos.	3,504	8,577	40.9
ix.	Motor Cycles	19	0.5	Nos.	105,154	140,283	75.0
18.	<u>FURNITURE</u>	6	0.1				
i.	Sofa, Iron Chairs	6	0.1	Nos.	351	543	64.6
		641	84.0				

Table 7: Cumulative Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, July-Dec-2022-23Vs July-Dec-2021-22

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	WEIGHT (2015-16)	Unit of Quantity	Production		Index of Production in 2022-23 (Jul-Dec) with 2021-22 (Jul-Dec)
					2022-23 (Jul-Dec)	2021-22 (Jul-Dec)	
1.	<u>FOOD PRODUCTS</u>	209	12.3				
i.	Vegetable Ghee	25	2.1	M.Tons	207,799	112,440	184.8
ii.	Cooking Oil	25	2.1	M.Tons	150,012	186,733	80.3
iii.	Liquid Milk	3	1.1	"000" Liters.	44,229	66,894	66.1
iv.	Wheat & Grain Milling	36	0.6	M.Tons	128,323	267,448	48.0
v.	Rice Milling	65	1.9	M.Tons	33,841	137,953	24.5
vi.	Biscuits & Rusk	12	1.3	M.Tons	94,622	172,858	54.7
vii.	Sugar	27	1.3	M.Tons	255,111	447,770	57.0
viii.	Chocolate & sugar confectionery	6	0.6	M.Tons	2,203	1,359	162.1
ix.	Tea	4	1.1	M.Tons	22,096	30,524	72.4
x.	Animal/ Polutry Feeds	6	0.3	M.Tons	958	1,885	50.8
2.	<u>BEVERAGES</u>	7	0.5				
i.	Mineral/ Bottled Waters	4	0.1	"000" NOs.	192,783	131,837	146.2
ii.	Soft Drinks	3	0.4	"000" NOs.	338,403	301,442	112.3
3.	<u>TEXTILES</u>	128	17.6				
i.	Knitting Wool (Cotton Yarn)	52	7.4	M.Tons	234,920	142,271	165.1
ii.	Woolen Worsted Cloth (Cotton Fabric)	45	8.0	"000" Sq. M	377,029	165,255	228.1
iii.	Terry Towel and Bath Robes (MM Yarn)	21	1.2	M.Tons	79,807	21,332	374.1
iv.	Woolen Blankets	10	1.0	000Nos.	11,847	12,791	92.6
4.	<u>WEARING APPAREL</u>	56	10.0				
i.	Garments	51	9.3	Dozen	4,314,448	5,001,439	86.3
ii.	Hosiery, socks, tights etc.	5	0.7	Dozen	448,395	916,129	48.9
5.	<u>LEATHER & RELATED PRODUCTS</u>	15	0.4				
i.	Finished Leather/ Upper Leather	15	0.4	"000" Sq. M.	2,386	2,929	81.5
6.	<u>WOOD & WOOD WORKS</u>	2	0.1				
i.	Plywood	2	0.1	"000"Sq.ft	79	-	-
7.	<u>PAPER & PAPER PRODUCTS</u>	13	2.2				
i.	Paper/ Paper Board (Writing Paper)	3	0.8	M.Tons	2,467	2,332	105.8
ii.	Corrugated paper/ paperboard containers (Packaging)	10	1.4	M.Tons	28,426	12,550	226.5
8.	<u>PRINTING & RECORDED MEDIA</u>	17	0.9				
i.	Printing of Newspapers/ magazines	5	0.5	M.Tons	4,052	1,220	332.1
ii.	Printing of books, brochures, maps etc. (Advertizing Material)	10	0.1	M.Tons	2,910	1,418	205.2
iii.	Prining of postage stamps, cheques etc. (Printing Papers)	2	0.3	M.Tons	3,601	2,134	168.7
9.	<u>COKE & REFINED PETROLEUM PRODUCTS</u>	9	12.4				
i.	Motor Sprit	3	5.6	"000" Liters.	134,943	164,655	82.0
ii.	Kerosene oil	3	5.6	"000" Liters.	1,835	3,751	48.9
iii.	L.P.G	9	0.1	"000" Liters.	10,663	18,314	58.2
iv.	Naptha Solvant	9	0.1	"000" Liters.	43,323	268,694	16.1
v.	H.S.D	9	0.1	"000" Liters.	617,628	812,104	76.1
vi.	Furnace Oil	9	0.1	"000" Liters.	318,755	353,578	90.2
vii.	ASPHALT 80-100	9	0.1	"000" Liters.	15,461	31,360	49.3
viii.	ASPHALT 60-70	9	0.1	"000" Liters.	59,927	64,348	93.1

ix.	Jet Fuel	9	0.1	"000" Liters.	83,646	115,046	72.7
x.	Lubricating Oil	9	0.1	"000" Liters.	76,312	126,936	60.1
xi.	Others Petroleum Products	9	0.1	"000" Liters.	128,983	270,343	47.7
10.	<u>CHEMICALS & CHEMICALS PRODUCTS</u>	14	5.8				
i.	Surphuric/ Hydrochloric Acid/ Alum Sulphate	5	0.4	M.Tons	24,656	17,641	139.8
ii.	Urea	3	1.1	M.Tons	1,507,655	1,762,475	85.5
iii.	Amonia	3	1.1	M.Tons	424,521	417,505	101.7
iv.	DAP	3	1.1	M.Tons	265,762	560,387	47.4
v.	Washing Soap	6	0.8	M.Tons	160,073	72,827	219.8
vi.	Toilet Soap	6	0.8	M.Tons	26,269	23,145	113.5
vii.	Detergent Powder	4	0.5	M.Tons	188,089	68,356	275.2
11.	<u>PHARMACEUTICAL PRODUCTS</u>	41	8.5				
i.	Tablets	41	1.7	"000" NOs.	13,778,218	8,185,675	168.3
ii.	Liquied/ Syrups	41	1.7	"000" Liters.	215,733	73,820	292.2
iii.	Injections	41	1.7	"000" NOs.	382,021	422,881	90.3
iv.	Capsules	41	1.7	"000" NOs.	1,161,417	1,226,573	94.7
v.	Ointments	41	1.7	KGs.	1,668,081	1,221,764	136.5
12.	<u>RUBBER & PLASTIC PRODUCTS</u>	23	1.8				
i.	Motor Tyres	2	0.3	Nos.	2,699,915	1,452,200	185.9
ii.	Plastic Products	21	1.5	M.Tons	47,953	43,067	111.3
13.	<u>OTHER NON-METALIC MINERAL PRODUCTS</u>	19	1.7				
i.	Cement	5	1.6	M.Tons	3,628,567	4,021,767	90.2
ii.	Marble	14	0.1	M.Tons	2,862	7,018	40.8
14.	<u>BASIC IRON & STEEL METALS</u>	13	3.1				
i.	Steel Products	3	0.3	M.Tons	58,280	16,914	344.6
ii.	M S Products	10	2.8	M.Tons	109,433	74,001	147.9
15.	<u>FABRICATED METALS PRODUCTS</u>	1	0.4				
i.	Safety Razor Blades	1	0.4	"000" Nos.	251,440	293,581	85.6
16.	<u>ELECTRICAL EQUIPMENT</u>	8	0.4				
i.	Insulated Wire & Cables	8	0.4	M.Tons	26,267	19,320	136.0
17.	<u>MOTOR VEHICLES & PARTS</u>	60	5.8				
i.	Trucks	13	0.4	Nos.	1,844	2,634	70.0
ii.	Buses	13	0.4	Nos.	454	230	197.4
iii.	LCV'S	13	0.4	Nos.	3,512	13,651	25.7
iv.	Tractors	13	0.4	Nos.	14,094	26,945	52.3
v.	Cars	13	0.4	Nos.	71,378	107,249	66.6
vi.	Vans & Jeep	13	0.4	Nos.	12,395	7,300	169.8
vii.	Three Wheelers	13	0.4	Nos.	8,804	19,114	46.1
viii.	Autoparts	28	2.2	000'Nos.	35,334	35,099	100.7
ix.	Motor Cycles	19	0.5	Nos.	760,031	908,171	83.7
18.	<u>FURNITURE</u>	6	0.1				
i.	Sofa, Iron Chairs	6	0.1	Nos.	2,107	2,818	74.8
		641	84.0				

Table 8: Employment in Selected Large-Scale Manufacturing Sector, Dec 2022 VS Nov 2022

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Dec:2022	Nov:2022	Dec:2022	Nov:2022
1	FOOD PRODUCTS	209	25,712	25,035	17,641	17,019
2	BEVERAGES	7	3,837	3,059	955	861
3	TEXTILES	128	95,149	92,833	70,690	69,886
4	WEARING APPAREL	56	28,544	27,795	25,106	24,553
5	LEATHER & RELATED PRODUCTS	15	3,435	3,273	3,032	2,878
6	WOOD & WOOD WORKS	2	247	200	205	172
7	PAPER & PAPER PRODUCTS	13	2,148	2,002	1,550	1,426
8	PRINTING & RECORDED MEDIA	17	4,249	4,165	2,925	2,839
9	COKE & REFINED PETROLEUM PRODUCTS	9	1,308	1,293	991	978
10	CHEMICALS & CHEMICALS PRODUCTS	14	7,056	6,949	5,398	5,292
11	PHARMACEUTICAL PRODUCTS	41	15,329	15,120	10,610	10,408
12	RUBBER & PLASTIC PRODUCTS	23	4,675	4,687	3,388	3,397
13	OTHER NON-METALIC MINERAL PRODUCTS	19	3,130	2,992	2,108	1,971
14	BASIC IRON & STEEL METALS	13	1,202	1,070	945	815
15	FABRICATED METALS PRODUCTS	1	647	528	607	492
16	ELECTRICAL EQUIPMENT	8	7,092	6,967	5,441	5,318
17	MOTOR VEHICLES & PARTS	60	10,666	10,133	7,704	7,177
18	FURNITURE	6	70	57	46	34
Grand Total		641	214,495	208,158	159,341	155,515

Table 9: Employment in Selected Large-Scale Manufacturing Sector, Dec-2022 Vs Dec-2021

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Dec:2022	Dec:2021	Dec:2022	Dec:2021
1	FOOD PRODUCTS	209	25,712	25,507	17,641	17,250
2	BEVERAGES	7	3,837	3,752	955	872
3	TEXTILES	128	95,149	107,878	70,690	80,630
4	WEARING APPAREL	56	28,544	28,019	25,106	24,223
5	LEATHER & RELATED PRODUCTS	15	3,435	4,733	3,032	4,162
6	WOOD & WOOD WORKS	2	247	-	205	-
7	PAPER & PAPER PRODUCTS	13	2,148	2,002	1,550	1,426
8	PRINTING & RECORDED MEDIA	17	4,249	4,176	2,925	2,913
9	COKE & REFINED PETROLEUM PRODUCTS	9	1,308	1,329	991	1,017
10	CHEMICALS & CHEMICALS PRODUCTS	14	7,056	6,879	5,398	5,414
11	PHARMACEUTICAL PRODUCTS	41	15,329	15,132	10,610	10,736
12	RUBBER & PLASTIC PRODUCTS	23	4,675	4,764	3,388	3,388
13	OTHER NON-METALIC MINERAL PRODUCTS	19	3,130	2,960	2,108	1,939
14	BASIC IRON & STEEL METALS	13	1,202	783	945	516
15	FABRICATED METALS PRODUCTS	1	647	556	607	516
16	ELECTRICAL EQUIPMENT	8	7,092	6,795	5,441	5,257
17	MOTOR VEHICLES & PARTS	60	10,666	9,833	7,704	7,080
18	FURNITURE	6	70	75	46	45
Grand Total		641	214,495	225,172	159,341	167,383

Table10: Gender wise Percentage of Employment in Selected Large-Scale Manufacturing Sector, Dec 2022

Sr. No.	Industrial Sector/ Items	Sampled Industrial Units (CMI 2015-16)	Total Employees		Production Worker	
			Male %	Female %	Male %	Female %
1	FOOD PRODUCTS	209	99.1%	0.9%	99.8%	0.2%
2	BEVERAGES	7	98.1%	1.9%	93.9%	6.1%
3	TEXTILES	128	97.7%	2.3%	98.2%	1.8%
4	WEARING APPAREL	56	78.5%	21.5%	78.2%	21.8%
5	LEATHER & RELATED PRODUCTS	15	99.1%	0.9%	99.3%	0.7%
6	WOOD & WOOD WORKS	2	97.2%	2.8%	100.0%	0.0%
7	PAPER & PAPER PRODUCTS	13	97.3%	2.7%	99.7%	0.3%
8	PRINTING & RECORDED MEDIA	17	98.9%	1.1%	100.0%	0.0%
9	COKE & REFINED PETROLEUM PRODUCTS	9	94.8%	5.2%	95.5%	4.5%
10	CHEMICALS & CHEMICALS PRODUCTS	14	98.0%	2.0%	98.6%	1.4%
11	PHARMACEUTICAL PRODUCTS	41	86.7%	13.3%	83.0%	17.0%
12	RUBBER & PLASTIC PRODUCTS	23	99.3%	0.7%	99.1%	0.9%
13	OTHER NON-METALIC MINERAL PRODUCTS	19	99.0%	1.0%	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	98.1%	1.9%	98.5%	1.5%
17	MOTOR VEHICLES & PARTS	60	98.0%	2.0%	98.9%	1.1%
18	FURNITURE	6	98.3%	1.7%	97.4%	2.6%
Grand Total		641	94.6%	5.4%	94.4%	5.6%

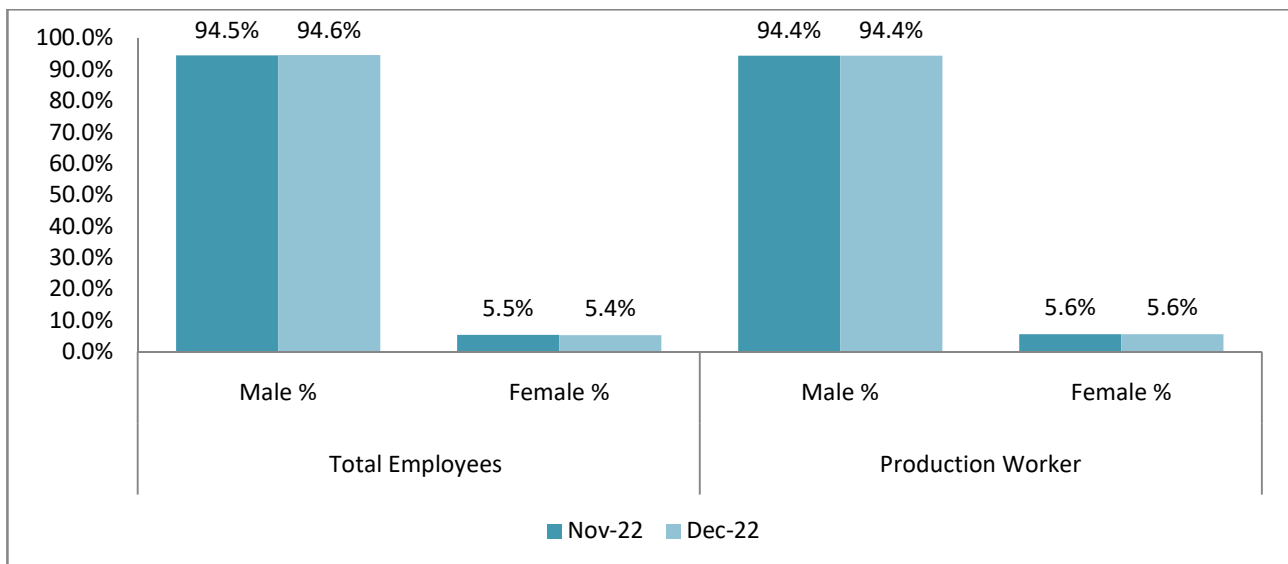


Figure 3: Chart of Gender wise Percentages of Employment in Large Scale Manufacturing Industries

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 Estb: Code PART-I GENERAL PARTICULARS

i) Name and Address of the Establishment _____

ii) Name, Designation, Telephone, Cell and _____

Fax# of the person to be contacted. _____

iii) Website and E-mail Address _____

PART-II PRODUCTION DATA

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

PART-III WORKING DAYS AND EMPLOYMENT

i)	No. of days establishment worked	_____
ii)	No. of Production workers.	Male _____ Female _____ Total _____
iii)	No. of Non production workers	Male _____ Female _____ Total _____
	TOTAL (ii + iii)	Male _____ Female _____ Total _____

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

Signature _____
Designation _____
Date _____

Annexure – B Important Definitions

- Large Scale Manufacturing Industries

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

- Employees

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

- Production Workers

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

- Non-Production Workers

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

Annexure – C Data Users

- Ministry of Industries & Production, Government of Pakistan.
- Planning & Development Department, Government of Sindh.
- Pakistan Bureau of Statistics, Government of Pakistan.
- State Bank of Pakistan.
- 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
13129	Others n.e.c.	227	17731571	14620052	14471382	14471382	14460481
13131	Bleaching & dyeing of fabrics	223	19355753	15557699	15410689	15406905	15371102

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
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
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	

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
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
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

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
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
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	

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
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	000*Nos.	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. (Advertisng 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
Jet Fuel	19203	"000" Liters.	0.1
Lubricating Oil	19203	"000" Liters.	0.1
Others Petroleum Products	19203	"000" Liters.	0.1

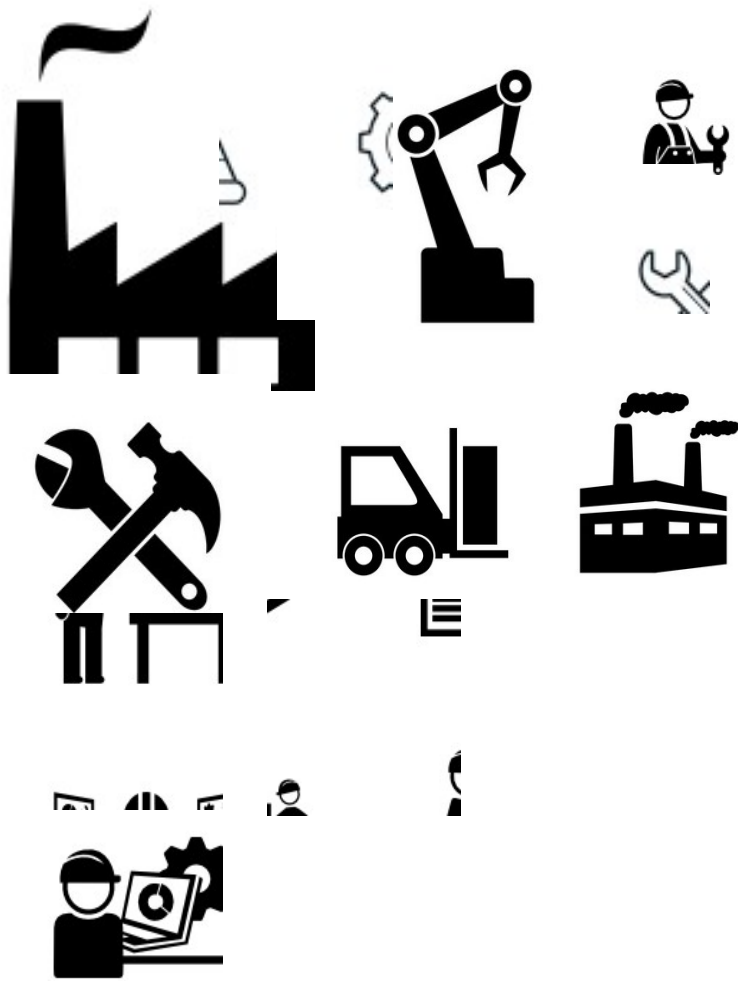
Industrial Sector/ Items	PISC	Unit of Quantity	Sindh Weight based on CMI 2015-16
20-CHEMICALS & CHEMICALS PRODUCTS			5.8
Surphuric/ Hydrochloric Acid/ Alum Sulphate	20115	M.Tons	0.4
Urea	20121	M.Tons	1.1
Amonia	20121	M.Tons	1.1
DAP	20121	M.Tons	1.1
Washing Soap	20232	M.Tons	0.8
Toilet Soap	20232	M.Tons	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				
		Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
FOOD PRODUCTS						
Vegetable Ghee	M.Tons	31930	33,939	32,214	34,601	39,791
Cooking Oil	M.Tons	21,791	22,328	27,618	28,118	28,251
Liquid Milk	"000" Liters.	7136	7,407	7,457	7,080	7,142
Wheat & Grain Milling	M.Tons	16,676	20,175	22,253	24,452	25,619
Rice Milling	M.Tons	-	-	3,443	11,611	18,787
Biscuits & Rusk	M.Tons	14,508	18,098	17,445	15,587	14,472
Sugar	M.Tons	-	-	-	58,093	242,902
Chocolate & sugar confectionery	M.Tons	350	311	366	400	410
Tea	M.Tons	2910	3,110	3,510	4,375	4,373
Animal/ Poultry Feeds	M.Tons	173	159	171	169	102
BEVERAGES						
Mineral/ Bottled Waters	"000" NOs.	31536	31,412	31,476	31,580	35,317
Soft Drinks	"000" NOs.	51,735	51,694	54,200	54,144	53,995
TEXTILES						
Knitting Wool (Cotton Yarn)	M.Tons	40158	38,966	38,886	39,119	38,029
Woolen Worsted Cloth (Cotton Fabric)	"000" Sq. M	67,109	65,029	65,139	55,368	58,365
Terry Towel and Bath Robes (MM Yarn)	M.Tons	13102	13,002	13,112	13,205	14,186
Woolen Blankets	000'Nos.	1,868	1,986	1,914	1,950	2,243
WEARING APPAREL						
Garments	Dozen	734307	707,809	708,819	715,142	722,413
Hosiery, socks, tights etc.	Dozen	72,125	73,875	75,876	75,125	76,394
LEATHER & RELATED PRODUCTS						
Finished Leather/ Upper Leather	"000" Sq. M.	434	444	392	380	323
WOOD & WOOD WORKS						
Plywood	"000" Sq. ft.	18	17	15	13	16
PAPER & PAPER PRODUCTS						
Paper/ Paper Board (Writing Paper)	M.Tons	431	421	385	372	415
Corrugated paper/ paperboard containers	M.Tons	4807	4,917	4,507	4,517	5,195

Sectors/ Items	Unit	Monthly Production				
		Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
(Packaging)						
PRINTING & RECORDED MEDIA						
Printing of Newspapers/ magazines	M.Tons	676	656	650	642	738
Printing of books, brochures, maps etc. (Advertizing Material)	M.Tons	489	479	470	450	518
Printing of postage stamps, cheques etc. (Printing Papers)	M.Tons	612	592	602	650	553
COKE & REFINED PETROLEUM PRODUCTS						
Motor Sprit	"000" Liters.	20883	23,436	24,487	22,654	22,600
Kerosene oil	"000" Liters.	77	-	-	841	840
L.P.G	"000" Liters.	1398.539	1,786	2,074	2,131	1,915
NapthaSolvant	"000" Liters.	6536	5,198	5,177	4,724	4,720
H.S.D	"000" Liters.	54490	104,679	100,719	129,637	117,181
Furnace Oil	"000" Liters.	56487	55,377	44,916	46,781	51,727
ASPHALT 80-100	"000" Liters.	365.608	"000" Liters.	1,537	2,835	-
ASPHALT 60-70	"000" Liters.	12455.26	10,509	10,509	9,538	7,729
Jet Fuel	"000" Liters.	17517.52	12,180	10,927	18,273	14,288
Lubricating Oil	"000" Liters.	13251.76	13,538	13,549	11,493	13,840
Others Petroleum Products	"000" Liters.	14166.05	25,440	25,440	22,777	21,840
CHEMICAL & CHEMICAL PRODUCTS						
Surphuric/ Hydrochloric Acid/ Alum Sulphate	M.Tons	4051	3,911	4,151	4,643	3,947
Urea	M.Tons	355241	292,286	249,509	184,628	212,521
Amonia	M.Tons	77174	71,597	76,672	66,637	56,641
DAP		45543	34,406	38,303	40,775	38,986
Washing Soap	M.Tons	25847	26,463	26,223	27,156	28,229
Toilet Soap	M.Tons	4741	5,015	4,103	4,651	3,871
Detergent Powder	M.Tons	31097	32,097	32,007	32,605	29,714

Sectors/ Items	Unit	Monthly Production				
		Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
PHARMACEUTICAL PRODUCTS						
Tablets	"000" NOs.	2370198	2,241,298	2,200,759	2,293,236	2,295,876
Liquied/ Syrups	"000" Liters.	35315	35,725	35,695	36,275	37,536
Injections	"000" NOs.	64030	64,120	64,230	63,537	62,922
Capsules	"000" NOs.	189340	188,250	192,890	200,629	198,288
Ointments	KGs.	266526	260,455	262,326	285,545	330,839
RUBBER & PLASTIC PRODUCTS						
Motor Tyres	Nos.	456047	799,332	864,328	201,778	178,929
Plastic Products	M.Tons	8262	8,410	8062	7,964	6,769
OTHER NON METALIC MINERAL PRODUCTS						
Cement	M.Tons	456047	799,332	864,328	537,089	475,351
Marble	M.Tons	520	410	450	435	500
BASIC IRON & STEEL METALS						
Steel Products	M.Tons	10844	10,944	9,906	9504	6,659
M S Products	M.Tons	23445	24,345	22,117	2,206	14,039
FABRICATED METAL PRODUCT						
Safety Razor Blades	"000" Nos.	45978	30,019	40,512	40,750	50,836
ELECTRICAL EQUIPMENTS						
Insulated Wire & Cables	M.Tons	4768	4,658	3,994	4,073	4,075
MOTOR VEHICLES & PARTS						
Trucks	Nos.	291	327	303	304	291
Buses	Nos.	95	80	88	61	57
LCV'S	Nos.	1000	200	213	495	524
Tractors	Nos.	3410	2,181	3,036	2,003	1,064
Cars	Nos.	9602	7,398	10,697	15,506	13,758
Vans & Jeep	Nos.	2322	1,786	2,292	1,881	1,915
Three Wheelers	Nos.	1107	1,714	608	1,839	2,084
Autoparts	000'Nos.	8478	6,456	5,763	2,303	3,504
Motor Cycles	Nos.	144584	143,977	114,795	107,282	105,154
FURNITURE						
Sofa, Iron Chairs	Nos.	336	360	340	366	351



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