

# MONTHLY SURVEY OF INDUSTRIAL PRODUCTION & EMPLOYMENT IN SINDH

**April, 2022**

**Industries Section, BOS**



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



**Sindh Monthly  
Survey of  
Industrial  
Production &  
Employment  
(MIPE)  
April, 2022**

**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 60 items manufactured in 22 selected large scale industrial sectors covering 537 industrial establishments (selection on the basis of CMI 2005-06). These industries account for 70.43% of total value added of large scale manufacturing sector in Sindh.

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

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

Dr. Ishaque Ahmed Ansari  
Director General  
Bureau of Statistics  
Planning & Development Department  
Government of Sindh

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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 12.79% to Gross Domestic Product (GDP) at 9.73 percent of GDP dominates the overall manufacturing sector and the sector employs 16.1 % of the country's labor force.

Industrial Statistics is very essential tool to track industrial growth and implementation of policies in right directions. This sector has great importance for economic development of country. As per the composition of Pakistan's economy in 2020-21, Agriculture Sector is 19.2%, Industries Sector is 19.1% and Services Sector is 61.7%.

Manufacturing sector consists of three sub-sectors: Large Scale Manufacturing (LSM), Small Scale Manufacturing (SSM) and Slaughtering. According to the Pakistan Bureau of Statistics, Industrial sector performance is more dependent on Large-Scale Manufacturing (LSM) as it holds 51% share in Industry whereas LSM is reflected by Quantum Index of Manufacturing (QIM) data. Quantum Index of Manufacturing (QIM) is a measure of LSM performance with 70.33 weight in overall LSM and derived from the Census of Manufacturing Industries (CMI) 2005-06.

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 60 items manufactured in 22 large scale Industrial sectors from 537 establishments/ factories in Sindh. The sample of 537 firms was drawn from the last Census of Manufacturing Industries (CMI), 2005-06 and these industries account for 70.43% of total value added in terms of production during 2005-06.

### **1.1. 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.

### **1.2. 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.

### **1.3. 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.



## 2. 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  $i^{\text{th}}$  item during the current month

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

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

$\sum_{i=1}^n w_i$  = Total Weight of 22 large scale industrial sectors covering 537 establishments in the base period with respect to the total value added of all the industries covered in CMI in the base year 2005-06.

## Report Analysis

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

- Overall Production in April, 2022 is decreased by 8.65% as compared to last month of March, 2022.
- Production in manufacturing sector for the month of April, 2022 has a significantly upward jump of 39.36% as compared to corresponding month of last year. The plausible reason for this huge increase is the less production during second wave of COVID in 2021.
- Cumulative production from July to April (2021-22) is significantly increased by 34.04% than the cumulative production of July-April (2020-21) which also reflects the less production during subsequent waves of COVID-19 in the year of 2021.
- Large Scale Manufacturing employment during April, 2022 increased by 1.51% as compared to previous month.
- Employment during April, 2022 is 18.39% higher than April, 2021.
- Average monthly employment during the period of July-April (2021-22) is 16.96% higher as compared to the corresponding period of July-April (2020-21).

*Table 1: Series of Quantum Index of Manufacturing (QIM) at (2005-06=100)*

Month/ Year	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
July	284.0	327.0	290.8	259.7	294.2	346.3
August	287.7	336.4	265.5	220.9	238.5	368.7
September	281.5	330.9	311.3	266.7	295.4	387.1
October	291.4	355.7	287.0	277.0	315.6	400.5
November	317.1	343.2	273.3	280.3	320.5	434.6
December	302.8	341.5	265.2	223.7	350.6	415.7
January	286.1	374.0	321.3	263.8	347.2	458.6
February	283.3	324.5	309.0	313.2	336.1	447.6
March	275.6	341.4	279.7	258.2	337.1	457.9
April	276.8	338.5	258.2	172.1	308.9	418.3
May	283.9	311.3	248.2	199.8	282.5	
June	258.1	307.4	257.6	324.9	341.9	
Average (Geometric Mean)	285.4	335.5	279.7	251.3	312.4	

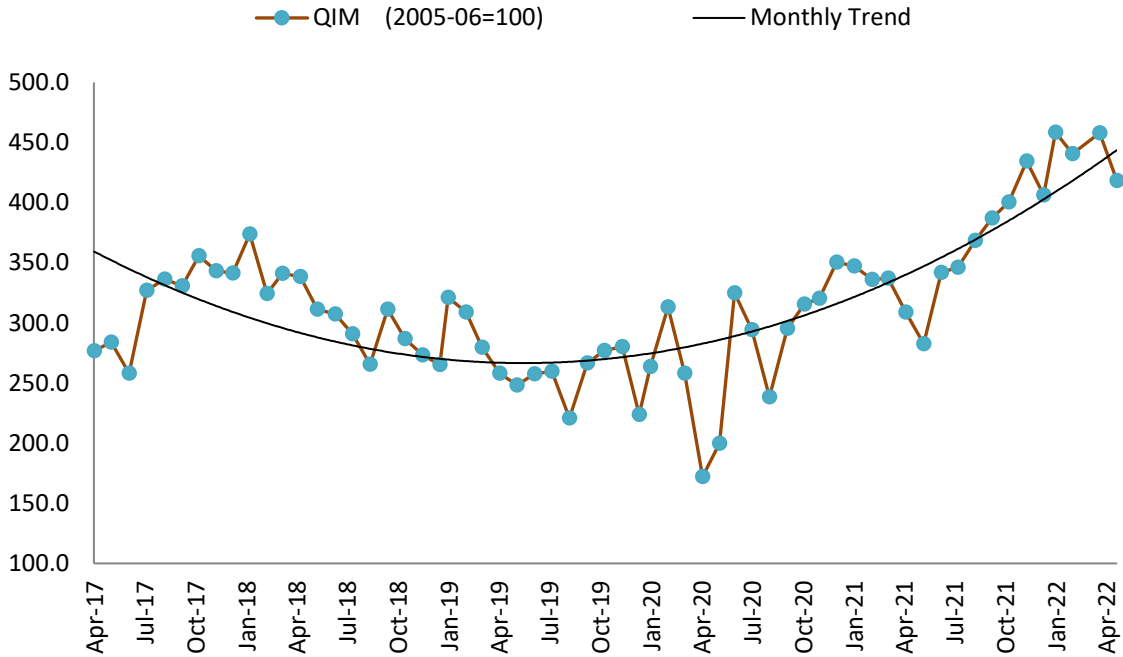


Figure 1: Trend of Quantum Index of Large Scale Manufacturing Industries at base year 2005-06

QIM index trend line for the financial year 2020-21 is showing an increasing trend. Similarly, in month to month change last month growth reported significantly low around 8.65% for which major cause is the decrease in seasonal item such as Sugar and Rice production along with seasonal items the production of MS/ Steel, Electrical Appliances and Automobile also decreases.

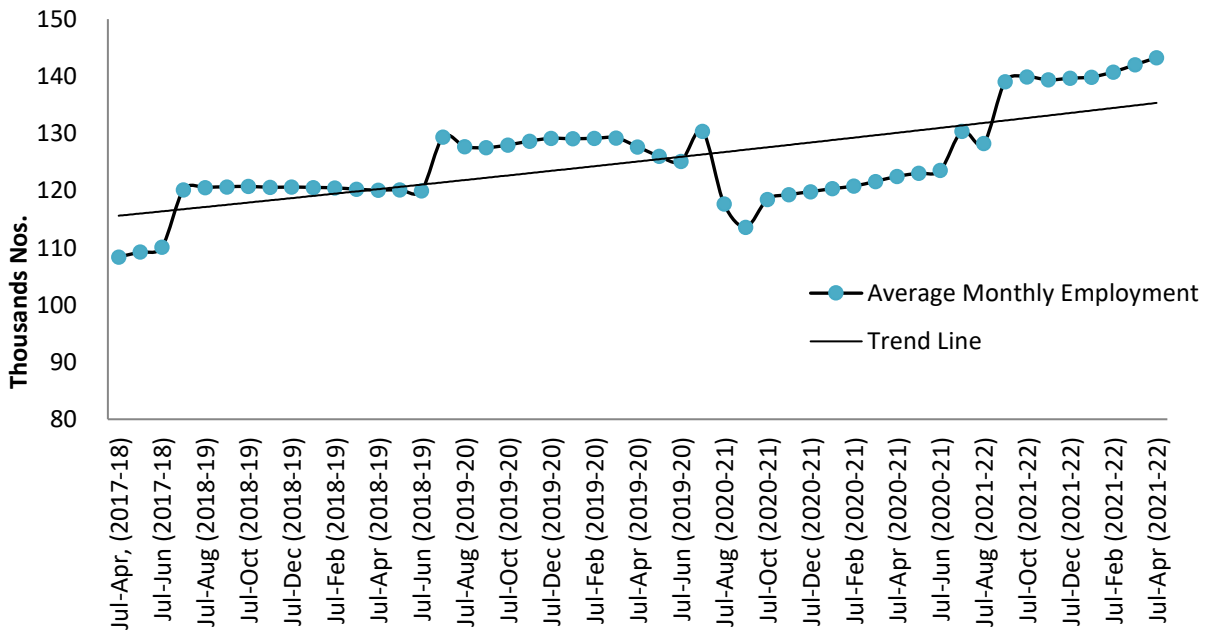


Figure 2: Trend of Average Monthly Employment in Large Scale Manufacturing Industries

Overall employment trend in last financial year 2020-21 is looking upward. In current month the employment is also slightly upward as compared to last month. Major sectors in which the employment is increased in the month of April, 2022 are Vegetable Ghee, Paper & paper board, Soap, Tyres & Tubes and Steel products while the major chunk of employment was increased in current month in sector Vegetable Ghee and Tyres & Tubes.

Table 2: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, April-2022 Vs March-2022

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in Apr:2022 with Mar: 2022
					Apr:2022	Mar:2022	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	20,701	24,354	85.0
ii.	COOKING OIL		0.50	M.Tons	26,198	26,434	99.1
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	4,540	607,254	0.7
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	2,892	3,792	76.3
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	55,506	47,611	116.6
ii.	WATER		0.85	"000" NOs.	20,695	17,996	115.0
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	43,714	41,823	104.5
ii.	COTTON FABRICS		4.13	"000" Sq. M	58,729	51,069	115.0
iii.	M.M.YARN		0.42	M.Tons	8,440	7,339	115.0
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.07</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	509	585	87.0
<b>7.</b>	<b><u>COTTON GINNING &amp; PRESSING</u></b>	<b>85</b>	<b>3.30</b>				
i.	C.G.& PRESSING		3.30	Bales	-	-	
<b>8.</b>	<b><u>PAPER &amp; PAPER BOARD</u></b>	<b>6</b>	<b>0.01</b>				
i.	PRINTING PAPER		0.01	M.Tons	842	728	115.7
ii.	WRITTEN PAPER		0.01	M.Tons	438	515	85.0
iii.	PACKING & OTHER PAPER		0.01	M.Tons	4,828	4,198	115.0
iv.	ADVERTISING MATERIAL		0.01	M.Tons	605	609	99.3
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	1,711,658	1,488,398	115.0
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	25,339	22,034	115.0
iii.	CAPSULES		1.36	"000" NOs.	1,382,881	150,243	920.4
iv.	INJECTIONS		1.22	"000" NOs.	55,105	61,241	90.0
v.	OINTMENT		0.15	KGs.	264,564	311,252	85.0
<b>10.</b>	<b><u>ACID, ALKALIES &amp; SALT</u></b>	<b>3</b>	<b>0.04</b>				
i.	SULPHURIC ACID		0.04	M.Tons	2,847	2,476	115.0
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	369,486	368,408	100.3
ii.	AMONIA		3.50	M.Tons	110,747	96,302	115.0
iii.	DAP		3.50	M.Tons	66,702	66,680	100.0
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	233	239	97.5
ii.	VARNISH		0.32	"000" Liters.	10	35	28.6

<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	28,166	24,492	115.0
ii.	DETERGENT POWDER		1.66	M.Tons	24,331	20,157	120.7
iii.	TOILET SOAP		1.66	M.Tons	6,153	5,973	103.0
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	1,527	1,403	108.8
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	19,612	24,913	78.7
iii.	KEROSENE OIL		9.32	"000" Liters.	-	90	
iv.	H.S.D		9.32	"000" Liters.	137,448	126,285	108.8
v.	FURNACE OIL		9.32	"000" Liters.	21,944	20,297	108.1
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	9,285	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	-	9,285	0.0
viii.	MOTOR SPRIT		9.32	"000" Liters.	23,683	24,842	95.3
ix.	JET FUEL		9.32	"000" Liters.	3,776	19,272	19.6
x.	LUBRICATING OIL		9.32	"000" Liters.	16,277	16,972	95.9
xi.	OTHERS		0.00	"000" Liters.	31,465	21,497	146.4
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	218,279	182,214	119.8
ii.	MOTOR TUBE		0.41	Nos.	7,757	6,651	116.6
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	873,399	968,317	90.2
<b>17.</b>	<b><u>M.S.PRODUCTS</u></b>	<b>28</b>	<b>4.88</b>				
i.	M.S PRODUCTS		4.88	M.Tons	16,765	19,724	85.0
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	7,506	6,527	115.0
<b>19.</b>	<b><u>SAFETY RAZOR BLADE</u></b>	<b>1</b>	<b>0.40</b>				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	58,077	61,974	93.7
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	549	646	85.0
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	66,451	63,701	104.3
ii.	AIR-CONDITIONERS		0.60	Nos.	25,784	34,443	74.9
iii.	DEEP FREEZERS		0.50	Nos.	5,823	5,823	100.0
iv.	WASHING MACHINES		0.50	Nos.	27,180	30,880	88.0
v.	MICROWAVE OVEN		0.50	Nos.	17,626	41,514	42.5
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	397	480	82.7
ii.	BUSES		0.77	Nos.	61	74	82.4
iii.	LCV'S		2.50	Nos.	1,189	1,585	75.0
iv.	MOTOR CYCLES		2.06	Nos.	139,660	133,582	104.6
v.	TRACTORS		0.25	Nos.	5,492	4,803	114.3
vi.	CARS		0.50	Nos.	18,254	22,898	79.7
vii.	VANS & JEEPS		1.18	Nos.	2,336	2,433	96.0
viii.	THREE WHEELERS		1.18	Nos.	4,216	2,070	203.7
	<b>Grand Total</b>	<b>537</b>	<b>70.43</b>				

Table 3: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector, April-2022 Vs April-2021

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in Apr:2022 with Apr:2021
					Apr:2022	Apr:2021	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	20,701	35,295	58.7
ii.	COOKING OIL		0.50	M.Tons	26,198	17,800	147.2
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	4,540	-	-
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	2,892	4,297	67.3
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	55,506	89,861	61.8
ii.	WATER		0.85	"000" NOs.	20,695	18,778	110.2
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	43,714	16,418	266.3
ii.	COTTON FABRICS		4.13	"000" Sq. M	58,729	22,365	262.6
iii.	M.M.YARN		0.42	M.Tons	8,440	1,790	471.5
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.07</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	509	826	61.6
<b>7.</b>	<b><u>COTTON GINNING &amp; PRESSING</u></b>	<b>85</b>	<b>3.30</b>				
i.	C.G.& PRESSING		3.30	Bales	-	-	-
<b>8.</b>	<b><u>PAPER &amp; PAPER BOARD</u></b>	<b>6</b>	<b>0.01</b>				
i.	PRINTING PAPER		0.01	M.Tons	842	274	307.4
ii.	WRITTEN PAPER		0.01	M.Tons	438	440	99.4
iii.	PACKING & OTHER PAPER		0.01	M.Tons	4,828	1,888	255.7
iv.	ADVERTISING MATERIAL		0.01	M.Tons	605	31	1970.6
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	1,711,658	2,095,499	81.7
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	25,339	8,697	291.4
iii.	CAPSULS		1.36	"000" NOs.	1,382,881	393,259	351.6
iv.	INJECTIONS		1.22	"000" NOs.	55,105	117,703	46.8
v.	OINTMENT		0.15	KGs.	264,564	220,170	120.2
<b>10.</b>	<b><u>ACID, ALKALIES &amp; SALT</u></b>	<b>3</b>	<b>0.04</b>				
i.	SULPHURIC ACID		0.04	M.Tons	2,847	2,512	113.3
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	369,486	218,041	169.5
ii.	AMONIA		3.50	M.Tons	110,747	46,808	
iii.	DAP*		3.50	M.Tons	66,702	70,846	94.2
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	233	76	306.6
ii.	VARNISH		0.32	"000" Liters.	10	273	3.7

<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	28,166	5,717	492.7
ii.	DETERGENT POWDER		1.66	M.Tons	24,331	14,185	171.5
iii.	TOILET SOAP		1.66	M.Tons	6,153	1,908	322.5
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	1,527	1,887	80.9
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	19,612	19,058	102.9
iii.	KEROSENE OIL		9.32	"000" Liters.	-	462	0.0
iv.	H.S.D		9.32	"000" Liters.	137,448	98,236	139.9
v.	FURNACE OIL		9.32	"000" Liters.	21,944	47,027	46.7
vi.	ASPHALT 80-100		9.32	"000" Liters.	-	1,061	0.0
vii.	ASPHALT 60-70		9.32	"000" Liters.	-	12,060	0.0
viii.	MOTOR SPRIT		9.32	"000" Liters.	23,683	22,507	105.2
ix.	JET FUEL		9.32	"000" Liters.	3,776	8,467	44.6
x.	LUBRICATING OIL		9.32	"000" Liters.	16,277	15,450	105.4
xi.	OTHERS		0.00	"000" Liters.	31,465	20,116	156.4
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	218,279	233,191	93.6
ii.	MOTOR TUBE		0.41	Nos.	7,757	31,662	24.5
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	873,399	484,906	180.1
<b>17.</b>	<b><u>M.S.PRODUCTS</u></b>	<b>28</b>	<b>4.88</b>				
i.	M.S PRODUCTS		4.88	M.Tons	16,765	6,429	260.8
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	7,506	1,590	472.1
<b>19.</b>	<b><u>SAFETY RAZOR BLADE</u></b>	<b>1</b>	<b>0.40</b>				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	58,077	81,494	71.3
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	549	1,483	37.0
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	66,451	62,108	107.0
ii.	AIR-CONDITIONERS		0.60	Nos.	25,784	22,604	114.1
iii.	DEEP FREEZERS		0.50	Nos.	5,823	4,837	120.4
iv.	WASHING MACHINES		0.50	Nos.	27,180	21,146	128.5
v.	MICROWAVE OVEN		0.50	Nos.	17,626	52,293	33.7
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	397	293	135.5
ii.	BUSES		0.77	Nos.	61	37	164.9
iii.	LCV'S		2.50	Nos.	1,189	1,613	73.7
iv.	MOTOR CYCLES		2.06	Nos.	139,660	144,259	96.8
v.	TRACTORS		0.25	Nos.	5,492	4,674	117.5
vi.	CARS		0.50	Nos.	18,254	14,416	126.6
vii.	VANS & JEEPS		1.18	Nos.	2,336	1,131	206.5
viii.	THREE WHEELERS		1.18	Nos.	4,216	2,931	143.8
	<b>Grand Total</b>	<b>537</b>	<b>70.43</b>				

Table 4: Production of Selected Items Pertaining to Large-Scale Manufacturing Sector,  
2021-22 (Jul to April) Vs 2020-21 (Jul to April)

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	WEIGHT (2005-06)	Unit of Quantity	Production		Index of Production in 2021-22 (Jul-Apr) with 2020-21 (Jul-Apr)
					2021-22 (Jul-Apr)	2020-21 (Jul-Apr)	
<b>1.</b>	<b><u>VEGETABLE GHEE</u></b>	<b>35</b>	<b>1.61</b>				
i.	VEGETABLE GHEE		1.11	M.Tons	216,733	350,511	61.8
ii.	COOKING OIL		0.50	M.Tons	262,486	157,800	166.3
<b>2.</b>	<b><u>SUGAR</u></b>	<b>26</b>	<b>4.32</b>				
i.	SUGAR		4.32	M.Tons	1,928,354	1,239,756	155.5
<b>3.</b>	<b><u>TEA</u></b>	<b>7</b>	<b>1.23</b>				
i.	TEA		1.23	M.Tons	45,990	42,289	108.8
<b>4.</b>	<b><u>BEVERAGES</u></b>	<b>13</b>	<b>0.85</b>				
i.	BEVERAGES		0.85	"000" NOs.	581,509	908,839	64.0
ii.	WATER		0.85	"000" NOs.	204,587	165,951	123.3
<b>5.</b>	<b><u>COTTON TEXTILE</u></b>	<b>133</b>	<b>13.65</b>				
i.	COTTON YARN		9.10	M.Tons	298,812	190,904	156.5
ii.	COTTON FABRICS		4.13	"000" Sq. M	361,754	192,937	187.5
iii.	M.M.YARN		0.42	M.Tons	49,571	13,490	367.5
<b>6.</b>	<b><u>LEATHER TANNING</u></b>	<b>30</b>	<b>0.07</b>				
i.	UPPER LEATHER		0.07	"000" Sq. M.	5,177	7,897	65.6
<b>7.</b>	<b><u>COTTON GINNING &amp; PRESSING</u></b>	<b>85</b>	<b>3.30</b>				
i.	C.G.& PRESSING		3.30	Bales	9,590,838	4,429,107	216.5
<b>8.</b>	<b><u>PAPER &amp; PAPER BOARD</u></b>	<b>6</b>	<b>0.01</b>				
i.	PRINTING PAPER		0.01	M.Tons	4,858	3,104	156.5
ii.	WRITTEN PAPER		0.01	M.Tons	4,160	2,543	163.6
iii.	PACKING & OTHER PAPER		0.01	M.Tons	28,702	17,499	164.0
iv.	ADVERTISING MATERIAL		0.01	M.Tons	2,613	262	998.5
<b>9.</b>	<b><u>PHARMACEUTICALS</u></b>	<b>78</b>	<b>6.37</b>				
i.	TABLETS		1.67	"000" NOs.	13,912,618	19,972,888	69.7
ii.	LIQUIDS/SYRUPS		1.97	"000" Liters.	158,601	80,675	196.6
iii.	CAPSULES		1.36	"000" NOs.	2,882,234	3,583,064	80.4
iv.	INJECTIONS		1.22	"000" NOs.	780,778	1,219,566	64.0
v.	OINTMENT		0.15	KGs.	2,326,000	2,057,708	113.0
<b>10.</b>	<b><u>ACID, ALKALIES &amp; SALT</u></b>	<b>3</b>	<b>0.04</b>				
i.	SULPHURIC ACID		0.04	M.Tons	27,167	21,555	126.0
<b>11.</b>	<b><u>FERTILIZER</u></b>	<b>3</b>	<b>3.50</b>				
i.	UREA		3.50	M.Tons	3,358,474	2,225,110	150.9
ii.	AMONIA		3.50	M.Tons	788,048	367,990	214.1
iii.	DAP		3.50	M.Tons	803,905	616,715	130.4
<b>12.</b>	<b><u>PAINTS &amp; VARNISH</u></b>	<b>9</b>	<b>0.32</b>				
i.	PAINTS		0.32	M.Tons	2,381	777	306.4
ii.	VARNISH		0.32	"000" Liters.	171	2,631	6.5



<b>13.</b>	<b><u>SOAP</u></b>	<b>38</b>	<b>1.66</b>				
i.	WASHING SOAP		1.66	M.Tons	167,065	60,131	277.8
ii.	DETERGENT POWDER		1.66	M.Tons	151,521	143,272	105.8
iii.	TOILET SOAP		1.66	M.Tons	54,517	18,395	296.4
<b>14.</b>	<b><u>PETROLEUM PRODUCTS</u></b>	<b>2</b>	<b>9.32</b>				
i.	L.P.G		9.32	"000" Liters.	26,064	19,943	130.7
ii.	NAPHTHA SOLVENT		9.32	"000" Liters.	374,872	177,175	211.6
iii.	KEROSENE OIL		9.32	"000" Liters.	4,073	2,491	163.5
iv.	H.S.D		9.32	"000" Liters.	1,258,317	1,250,895	100.6
v.	FURNACE OIL		9.32	"000" Liters.	450,476	518,629	86.9
vi.	ASPHALT 80-100		9.32	"000" Liters.	50,613	8,401	602.4
vii.	ASPHALT 60-70		9.32	"000" Liters.	104,241	69,873	149.2
viii.	MOTOR SPRIT		9.32	"000" Liters.	246,039	214,409	114.8
ix.	JET FUEL		9.32	"000" Liters.	164,594	117,895	139.6
x.	LUBRICATING OIL		9.32	"000" Liters.	191,744	141,128	135.9
xi.	OTHERS		0.00	"000" Liters.	388,749	245,114	158.6
<b>15.</b>	<b><u>TYRES &amp; TUBES</u></b>	<b>4</b>	<b>0.41</b>				
i.	MOTOR TYRE		0.41	Nos.	2,217,121	2,328,038	95.2
ii.	MOTOR TUBE		0.41	Nos.	164,294	225,276	72.9
<b>16.</b>	<b><u>CEMENT</u></b>	<b>11</b>	<b>3.86</b>				
i.	CEMENT		3.86	M.Tons	7,147,541	4,750,433	150.5
<b>17.</b>	<b><u>M.S.PRODUCTS</u></b>	<b>28</b>	<b>4.88</b>				
i.	M.S PRODUCTS		4.88	M.Tons	150,098	56,169	267.2
<b>18.</b>	<b><u>STEEL PRODUCTS</u></b>	<b>2</b>	<b>1.02</b>				
i.	STEEL PRODUCTS		1.02	M.Tons	40,330	16,977	237.6
<b>19.</b>	<b><u>SAFETY RAZOR BLADE</u></b>	<b>1</b>	<b>0.40</b>				
i.	SAFETY RAZOR BLAD		0.04	"000" NOs.	494,809	751,640	65.8
<b>20.</b>	<b><u>SEWING MACHINES</u></b>	<b>3</b>	<b>0.25</b>				
i.	SEWING MACHINES		0.25	Nos.	11,049	14,932	74.0
<b>21.</b>	<b><u>ELEC. APPLIANCES</u></b>	<b>3</b>	<b>2.21</b>				
i.	REFRIGERATORS		0.11	Nos.	653,951	459,285	142.4
ii.	AIR-CONDITIONERS		0.60	Nos.	261,679	115,003	227.5
iii.	DEEP FREEZERS		0.50	Nos.	43,007	18,185	236.5
iv.	WASHING MACHINES		0.50	Nos.	354,522	285,070	124.4
v.	MICROWAVE OVEN		0.50	Nos.	420,152	390,367	107.6
<b>22.</b>	<b><u>AUTOMOBILE</u></b>	<b>17</b>	<b>11.15</b>				
i.	TRUCKS		2.71	Nos.	4,689	2,700	173.7
ii.	BUSES		0.77	Nos.	494	480	102.9
iii.	LCV'S		2.50	Nos.	18,941	15,847	119.5
iv.	MOTOR CYCLES		2.06	Nos.	1,453,000	1,647,065	88.2
v.	TRACTORS		0.25	Nos.	44,882	40,557	110.7
vi.	CARS		0.50	Nos.	185,020	121,551	152.2
vii.	VANS & JEEPS		1.18	Nos.	16,420	9,541	172.1
viii.	THREE WHEELERS		1.18	Nos.	41,906	43,933	95.4
<b>Grand Total</b>		<b>537</b>	<b>70.43</b>				

Table 5: Employment in Selected Large-Scale Manufacturing Sector, April-2022 Vs March-2022

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Apr:2022	Mar:2022	Apr:2022	Mar:2022
1	<u>VEGETABLE GHEE</u>	35	2,814	2,442	2,036	1,958
2	<u>SUGAR</u>	26	12,683	13,083	8,539	8,659
3	<u>TEA</u>	7	1,379	1,410	1,142	1,185
4	<u>BEVERAGES</u>	13	4,181	4,408	1,059	1,176
5	<u>COTTON TEXTILE</u>	133	80,895	78,199	70,890	67,648
6	<u>LEATHER TANNING</u>	30	4,685	4,685	4,125	4,125
7	<u>PAPER &amp; PAPER BOARD</u>	6	2,106	2,002	1,499	1,426
8	<u>PHARMACEUTICALS</u>	78	15,634	16,008	10,757	11,146
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	40	25	25
10	<u>FERTILIZER</u>	3	2,714	2,661	1,898	1,872
11	<u>PAINTS &amp; VARNISH</u>	9	322	324	246	246
12	<u>SOAP</u>	38	3,876	3,676	3,287	3,387
13	<u>PETROLEUM PRODUCTS</u>	2	1,314	1,308	999	996
14	<u>TYRES &amp; TUBES</u>	4	2,950	2,758	2,050	2,060
15	<u>CEMENT</u>	11	2,813	2,809	1,843	1,843
16	<u>STEEL PRODUCTS</u>	2	233	189	184	121
17	<u>M.S PRODUCTS</u>	28	534	532	366	366
18	<u>SAFETY RAZOR BLAD</u>	1	550	558	510	516
19	<u>SEWING MACHINES</u>	3	50	62	32	52
20	<u>ELEC. APPLIANCES</u>	3	1,525	1,525	1,304	1,304
21	<u>AUTOMOBILE</u>	17	9,808	10,131	7,644	7,568
22	<u>STORAGE BATTERIES</u>	4	3,312	3,305	2,937	2,930
<b>Grand Total</b>		<b>456</b>	<b>154,417</b>	<b>152,115</b>	<b>123,371</b>	<b>120,607</b>

Table 6: Employment in Selected Large-Scale Manufacturing Sector, April-2022 Vs April-2021

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Total Employees		Production Worker	
			Apr:2022	Apr:2021	Apr:2022	Apr:2021
1	<u>VEGETABLE GHEE</u>	35	2814	2202	2036	1581
2	<u>SUGAR</u>	26	12683	8869	8539	5688
3	<u>TEA</u>	7	1379	3120	1142	2688
4	<u>BEVERAGES</u>	13	4181	3853	1059	1447
5	<u>COTTON TEXTILE</u>	133	80895	53463	70890	40821
6	<u>LEATHER TANNING</u>	30	4685	6594	4125	5539
7	<u>PAPER &amp; PAPER BOARD</u>	6	2106	1872	1499	1390
8	<u>PHARMACEUTICALS</u>	78	15634	14250	10757	4876
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2714	980	1898	821
11	<u>PAINTS &amp; VARNISH</u>	9	322	103	246	50
12	<u>SOAP</u>	38	3876	2416	3287	1584
13	<u>PETROLEUM PRODUCTS</u>	2	1314	430	999	334
14	<u>TYRES &amp; TUBES</u>	4	2950	5764	2050	4080
15	<u>CEMENT</u>	11	2813	4795	1843	2042
16	<u>STEEL PRODUCTS</u>	2	233	278	184	107
17	<u>M.S PRODUCTS</u>	28	534	1082	366	844
18	<u>SAFETY RAZOR BLAD</u>	1	550	284	510	262
19	<u>SEWING MACHINES</u>	3	50	411	32	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1525	676	1304	536
21	<u>AUTOMOBILE</u>	17	9808	17156	7644	12202
22	<u>STORAGE BATTERIES</u>	4	3312	1817	2937	1619
<b>Grand Total</b>		<b>456</b>	<b>154,417</b>	<b>130,432</b>	<b>123,371</b>	<b>88,876</b>

*Table 7: Average Monthly Employment in Selected Large Scale Manufacturing Sector,  
2021-22 (Jul to April) Vs 2020-21 (Jul to April)*

Sr. No.	Industrial Sector/ Items	No. of Industrial Units as per CMI 2005-06	Average Monthly Total Employment		Average Monthly Production Worker	
			(Jul-Apr) 2021-22	(Jul-Apr) 2020-21	(Jul-Apr) 2021-22	(Jul-Apr) 2020-21
1	<u>VEGETABLE GHEE</u>	35	2,133	2,426	1,624	1,462
2	<u>SUGAR</u>	26	12,335	8,254	7,782	5,930
3	<u>TEA</u>	7	1,977	3,117	1,643	2,677
4	<u>BEVERAGES</u>	13	4,933	3,418	1,383	1,267
5	<u>COTTON TEXTILE</u>	133	65,659	53,420	56,348	40,998
6	<u>LEATHER TANNING</u>	30	6,450	6,667	6,005	5,591
7	<u>PAPER &amp; PAPER BOARD</u>	6	1,948	2,089	1,386	1,496
8	<u>PHARMACEUTICALS</u>	78	15,910	7,882	7,976	3,785
9	<u>ACID, ALKALIES &amp; SALT</u>	3	40	18	25	13
10	<u>FERTILIZER</u>	3	2,389	979	1,714	815
11	<u>PAINTS &amp; VARNISH</u>	9	203	104	140	51
12	<u>SOAP</u>	38	2,648	2,266	2,405	1,632
13	<u>PETROLEUM PRODUCTS</u>	2	1,206	431	939	333
14	<u>TYRES &amp; TUBES</u>	4	4,372	5,692	3,015	4,049
15	<u>CEMENT</u>	11	2,849	4,968	1,854	2,164
16	<u>STEEL PRODUCTS</u>	1	231	187	153	100
17	<u>M.S PRODUCTS</u>	28	721	1,082	522	872
18	<u>SAFETY RAZOR BLAD</u>	1	444	278	412	252
19	<u>SEWING MACHINES</u>	3	167	410	144	354
20	<u>ELECTRICAL APPLIANCES</u>	3	1,387	743	1,164	650
21	<u>AUTOMOBILE</u>	17	12,538	16,304	9,589	9,311
22	<u>STORAGE BATTERIES</u>	4	2,722	1,755	2,866	1,691
	<b>Grand Total</b>	<b>455</b>	<b>143,259</b>	<b>122,488</b>	<b>109,091</b>	<b>85,491</b>

Annexure – A Proforma/ Questionnaire



GOVERNMENT OF SINDH  
PLANNING & DEVELOPMENT DEPARTMENT  
BUREAU OF STATISTICS

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

MONTHLY SURVEY OF INDUSTRIAL PRODUCTION AND EMPLOYMENT IN SINDH.

INDUSTRY CODE      Estb: Code

LOCATION CODE

PART-I GENERAL PARTICULARS

- i) Name and Address of the Establishment \_\_\_\_\_
- ii) Name, Designation, Telephone, Cell and \_\_\_\_\_
- Fax# of the person to be contacted. \_\_\_\_\_
- iii) Website and E-mail Address \_\_\_\_\_

PART-II PRODUCTION DATA

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

PART-III WORKING DAYS AND EMPLOYMENT

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

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

Signature \_\_\_\_\_  
Designation \_\_\_\_\_  
Date \_\_\_\_\_

## Annexure – B      Important Definitions

### Large Scale Manufacturing Industries

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

### Employees

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

- Production Workers

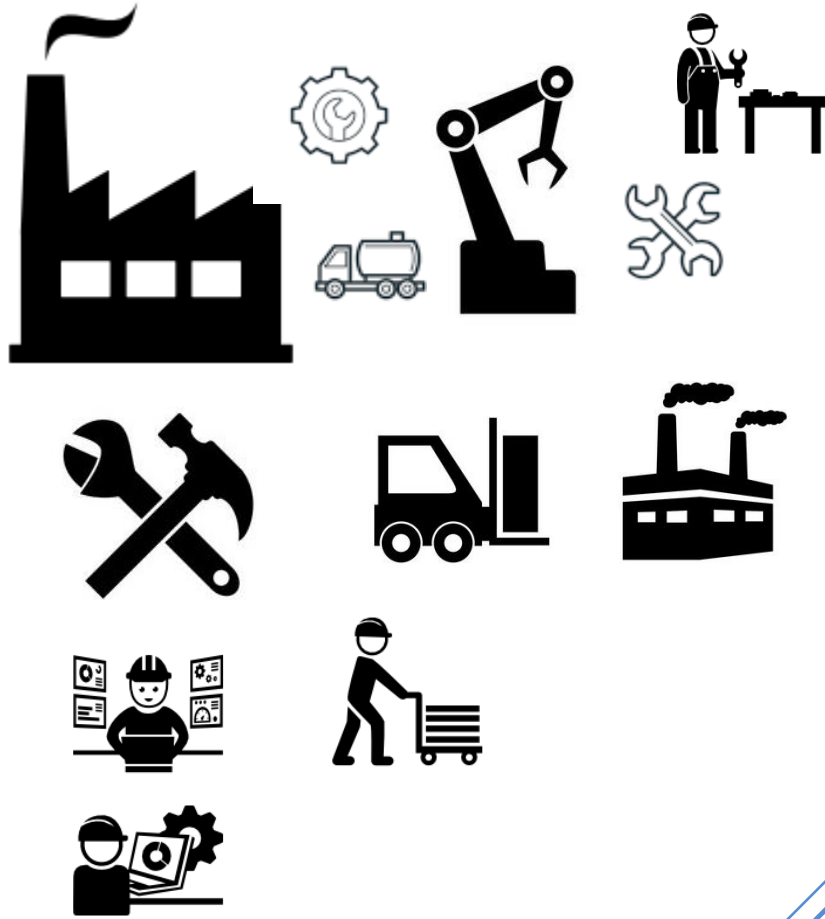
Are engaged in work directly associated with production like manufacturing, assembling, packing, repairing etc. Working supervisors and persons engaged for repairs and maintenance are also included.

- Non-Production Workers

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

## Annexure – C      Data Users

- Ministry of Industries & Production, Government of Pakistan.
- Planning & Development Department, Government of Sindh.
- Pakistan Bureau of Statistics, Government of Pakistan.
- State Bank of Pakistan.
- Research & Training Wing, Planning & Development Department, Government of Sindh.



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