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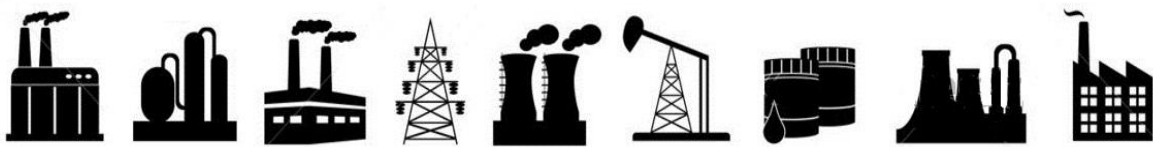
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AUGUST 2020



**MONTHLY SURVEY OF INDUSTRIAL
PRODUCTION & EMPLOYMENT IN THE PUNJAB**



BUREAU OF STATISTICS

Planning & Development Department

Government of the Punjab, Lahore

www.bos.gop.pk

PREFACE

Bureau of statistics has been issuing this Monthly Survey of Industrial Production and Employment Report since October 1972. This report provides important statistics in respect of industrial production & employment, employment cost and other aspects of manufacturing activities e.g. consumption of raw material, export of industrial products, import of raw material and productivity of labour etc. These statistics are pre-requisite for sound economic planning as well as for measuring the performance/growth of the industrial sector (GDP estimates regarding industrial sector).

This report contains statistics regarding 45 important industries, manufacturing about almost selected items, contributing 72% of the total value added of large scale manufacturing sector in the province. This report covers more than 1900 industrial units from all over the Punjab.

This report gives information regarding General Index as compared to base period 2005-06, and comprehensive analytical note over the current status of the industrial growth at different sectors. Tables of production & employment give comparisons with the previous month and the same month of the previous year as well as comparisons among financial periods. Performance analysis of 13 major items pertaining to detailed tables & graphical explanation is given in this report.

All possible efforts have been made to incorporate the latest available data in this report. It is hoped that this report will be useful to the policy makers, planners, researchers and other users of industrial/economic data in public as well as private sector.

Suggestions for further improvements will be welcomed.

(SAJID RASUL)
Director General
Bureau of Statistics,
Government of the Punjab

CONTENTS

Sr.#	Description	Page #
i	Explanatory Note	I – IV
ii	Table of General Index of Industrial Production	1
iii	Analytical Note: Industrial Production and Employment August 2020	2

TABLES

1	Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2020 VS July 2020	3 - 4
2	Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2020 VS August 2019	5 - 6
3	Total Employment Regarding Large-Scale Industries, July 2020, August 2020 and August 2019	7
4	Total Number of Production Workers Regarding Large-Scale Industries, July 2020, August 2020 and July 2019	8

APPENDIX

A	Telephone Numbers	9
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List of Tables

Table No.	Title of Table	Page No.
1	General Index of Industrial Production	1
2	Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August -2020 VS July-2020	3
3	Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August -2020 VS August 2019	5
5	Total Employment Regarding Selected Large-Scale Industries, July 2020, August 2020 and August 2019.	7
6	Total Number of Production Workers Regarding Selected Large-Scale Industries July 2020, August 2020 and August 2019	8

List of Figures

Fig. No.	Title of Figures	Page No.
1	Quantum Index of Manufacturing Industries	1

EXPLANATORY NOTE

To have current information on production, employment and other aspects of manufacturing activities e.g. consumption of raw material, wages/salaries, export of industrial products, imports of raw material and productivity of labour etc. for economic planning, evaluation of industrial development and taking other policy related decisions, Government of the Punjab had decided in October 1972 to undertake a Monthly Survey on Industrial Production and Employment.

Prior to this Survey, the only data available on Industrial Statistics was the results of Census of Manufacturing Industries (C.M.I) that were available with the time lag of 2-3 years with a question mark on very high rate of non- response. This high rate of non-response affected the consistency of the results. Therefore, these results were of little use for current and future planning except for historical, research and academic interests/purposes. So Monthly Survey of Industrial Production and Employment was considered to be suitable for Economic Planning as well as for measuring the performance/growth of the industrial sector.

Only 15 industries and their 113 factories were selected to cover initially in October 1972. This report now contains statistics regarding 45 important industries, manufacturing about 100 selected items, contributing 72% of the total value added of large scale manufacturing sector in the province based on base year 2005-06 and covers more than 2000 industrial units from all over the Punjab.

Questionnaire

Keeping in view the pre-determined purpose the data on Industrial Inputs (raw material), Outputs (finished products), Sales, Exports, Stocks, Employment & Employment Cost etc. are designed on the available information from CMI returns. These Questionnaires have been pre-tested in some of the large units manufacturing the respective items.

Methodology

Basically it is a mail enquiry. The respondents are the factory owners or the factory management (i.e. Accountants, Finance Manager, and Mill Manager etc.) The blank questionnaires of various industries are used to be mailed out to the factories for their use for the supply of the required information every month. About 60% to 70% questionnaires are received through mail. While the remaining non-responding industrial units are visited by the officers/officials of this Bureau during the third week of the following month for collection of requisite information.

Editing

The received questionnaires are statistically examined for the accuracy and consistency by comparing the production and employment levels of the current month with previous month and same month of the last year. The information of the factories which could not be collected during the month due to the absence of the concerned person or due to other reasons is estimated on the basis of the last month's average production or the last month information is repeated.

Tabulation

The information collected is tabulated on working sheets prepared for this purpose and also on computer for each industry/factory. Seven tables are prepared every month on production, total employment and production workers as well as comparisons are made with respect to last month, with same month of the last year and among current & previous financial years.

General index / Quantum Index of Manufacturing (QIM)

At present Punjab Bureau of Statistics is computing Index on Industrial Production using 2005-06 as base year. Index series is being given in this report by using Laspayer's Index since 2006-07.

This Bureau initially prepared Index Series using 1970-71 as base year. Later on the base year was shifted to 1980-81 & then in October 2011 the base year was shifted to 2005-06.

Formula of Quantum Index

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

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 (2005-06).

w_i = Weight of the i^{th} item in the base year (2005-06).

$\sum w_i$ = total weight of 45 large scale industries in the base period with respect to the total value added of all the industries covered in CMI in the base year (2005-06).

Final Product

Final product is a CIS report that contains QIM series, analytical note on the performance of Industrial Sector in the province, seven tables, and detailed performance report of some important industries as well.

User Agencies

- i. Ministry of Industries & Production, Government of the Pakistan, Islamabad.
- ii. Pakistan Bureau of Statistics, Government of Pakistan, Islamabad.
- iii. Provincial Bureaus of Statistics, Government of Sindh, KPK and Baluchistan.
- iv. Planning & Development Department, Government of the Punjab.
- v. Punjab Economic Research Institute (PERI).
- vi. Department of Commerce & Industry, Government of the Punjab.
- vii. State Bank of Pakistan

IMPORTANT DEFINITIONS

Factory

An entity where manufacturing process is carried out on any day of the preceding thirty days and in any part of which manufacturing process is being carried on with or without the aid of power or through chemical process. It does not include the Mine subject which comes under the operation of Mines Act 1923.

Large Scale Manufacturing Industries

Establishments where ten or more employees are working are classified as large scale industry.

Employment

This item include all full time and part time employees on the payrolls of operating manufacturing establishment during any part of the pay period of the month specified on the questionnaire. It should include all the employees on paid sick leave paid holidays, and paid vacations. Proprietors and partners of unincorporated business may not be included.

Production Workers

The “Production Workers” includes workers (up through the line-supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, ware-housing, shipping (but no delivering), maintenance, repair, product development, auxiliary production for plant’s own use (e.g., power plant). Record keeping and other services closely associated with these production operations at the establishment covered by the report.

Non-Production Workers

The employees those are not involved directly in the manufacturing process are called non-production workers. E.g. Managers, Assistants, Clerks, Drivers, Peons, Malies and Chowkidars etc.

Employment Cost

Wages and salaries of all employees including production and non-production workers is called employment cost.

**TABLE 1: GENERAL INDEX OF INDUSTRIAL PRODUCTION
FOR THE PERIOD JULY 2014 – AUGUST 2020
(2005-06=100)**

MONTH/ YEAR	2014 - 15	2015 - 16	2016 - 17	2017 - 18	2018 - 19	2019 - 20	2020 - 21
JUL:	124.6	133.0	144.9	152.5	156.5	155.5	160.2
AUG:	123.6	137.1	150.8	154.7	154.3	152.8	155.2
SEP:	126.8	141.0	144.4	152.9	158.1	159.3	
OCT:	131.8	141.1	148.9	160.1	168.7	171.7	
NOV:	140.4	139.4	157.6	153.1	160.6	167.8	
DEC:	156.2	163.7	186.9	178.1	168.7	182.2	
JAN:	163.3	170.6	188.4	213.9	210.3	202.2	
FEB:	162.8	166.1	183.2	222.1	198.9	203.5	
MAR:	170.6	168.0	193.3	245.0	251.9	186.9	
APR:	148.7	155.4	171.5	186.5	197.9	140.0	
MAY:	136.8	145.2	158.6	168.2	175.3	140.0	
JUN:	140.1	149.4	150.6	161.9	160.0	146.3	
Average*	143.0	150.3	164.0	176.8	178.1	166.0	157.7

* = Geometric Mean

Fig. 1 **Graph of Quantum Index of Manufacturing Industries.**

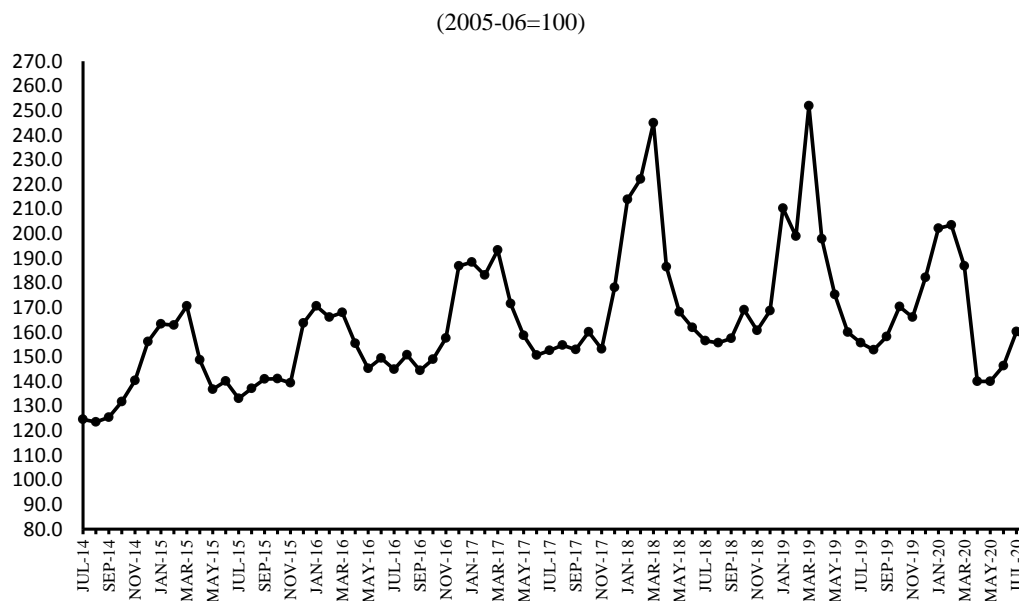


Figure: Graph of QIM for the period of July 2014 to August 2020

ANALYTICAL ANALYSIS

INDUSTRIAL PRODUCTION AND EMPLOYMENT (August 2020)

Coverage

This report covers 2012 industrial units pertaining to large scale industries which contribute about 72 percent of the total value added of Large-Scale Manufacturing sector in the Punjab.

Industrial Production Index

Industrial Production Index for the month of August-2020 stood at 155.2 against 160.2 and 152.8 as compared to July-2020 and August-2019 respectively. Index Series since July-2014 is given in Table-1 on previous page.

Production August 2020 VS July 2020 (Table-2)

Overall production during the month of August-2020 was 3.1 percent lower than July-2020.

The production was lower in case of Vegetable Ghee/Cooking Oil (8.9%), Dairy Products (18.2%), Wheat Milling (18.6%), Starch & its Products (19.1%), Soft Drinks & Juices (10.2%), Cigarettes (14.8%), Jute Textiles (20.1%), Pharmaceuticals (11.8%), Cement (21.2%), Fabricated Metal Products/HMC (71.8%), Electric Fans (12.9%), Air Conditioners (60.7%) and Refrigerator/Deep Freezer (33.9%).

The production was higher in case of Woollen Textiles (12.9%), Ply Wood (16.7%), Fertilizers (12.1%), Paints & Varnishes (14.9%), Synthetic Fibre (42.2%), Petroleum Products (10.5%), Automobiles Cars/Trucks (18.2%), Diesel Engines (37.5%), Electric Motors (16.8%) and Agricultural Implements (7.9%).

Production August 2020 VS August 2019 (Table-3)

Overall production during August-2020 was 1.6 percent higher than August-2019.

The production was lower in case of Vegetable Ghee/Cooking Oil (10.8%), Starch & its Products (14.4%), Soft Drinks & Juices (12.4%), Cigarettes (30.6%), Cloth/M. M Blended Cloth (8.3%), Jute Textiles (35.8%), Upper Leather (51.2%), Footwear (45.0%), Ply Wood (70.4%), Tyres & Tubes (12.5%), Glass Sheets (47.8%), Steel Bar/ Angles (35.4%), Tractors (6.9%), Automobiles Cars/Trucks (18.8%), Diesel Engines (7.0%), Motor Cycles (12.2%), Bicycles (66.5%), Electric Fans (23.1%), Electric Motors (27.6%), Air-Conditioners (8.9%), Safety Razor Blades (7.3%) and Agricultural Implements (15.5%).

The production was higher in case of Dairy Products (32.7%), Wheat Milling (74.1%), Woollen Textiles (82.3), Basic Inorganic Chemicals/Acids (11.7%), Fertilizers (16.4%), Paints & Varnishes (50.5%), Soap (15.3%), Synthetic Fiber (24.5%), Petroleum Products (18.9%), Cement (13.9%), Fabricated Metal Products/HMC (31.8%) and Refrigerators/Deep Freezers (8.8%).

Employment August 2020 VS July 2020 and August 2019 (Table-4)

Total employment during August 2020 was 0.3 percent and 1.0 percent higher than July 2020 and August 2019 respectively.

Table 2: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2020 VS July 2020

Group/Items	No. of Units Covered in Aug: 2020	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2020 with Jul: 2020
				Aug: 2020	Jul: 2020	
I Food Drinks & Tobacco	879					
1 Vegetable Ghee/Cooking Oil	50	5.00	M.Tons	78772	86434	91.1
i) Vegetable Ghee	50		M.Tons	64469	70217	91.8
ii) Cooking Oil	18		M.Tons	14303	16217	88.2
2 Dairy Products	8	4.13				81.8
i) Process/UHT Milk		1.62	`000` Litres	44203	45160	97.9
ii) Milk Powder		0.87	M.Tons	730	928	78.7
iii) Chees		0.01	M.Tons	669	490	136.5
iv) Butter/ Desi Ghee		0.33	M.Tons	94	293	32.1
v) Cream		1.04	M.Tons	557	586	95.1
vi) Yoghurt		0.26	M.Tons	0	0	
3 Wheat Milling	738	1.25	M.Tons	782695	961134	81.4
4 Sugar	44	3.77	M.Tons	0	0	
5 Tea (Blended)	3	0.03	M.Tons	5143	4597	111.9
6 Starch & its Products	2	0.56	M.Tons	28698	35481	80.9
i) Starch			M.Tons	17079	21657	78.9
ii) Glucose			M.Tons	11619	13824	84.0
7 Soft Drinks & Juices	31	0.82	`000` Litres	193323	215322	89.8
i) 7-up Coca Cola etc.	19		`000` Litres	178619	199909	89.4
ii) Fruit Juices	19		`000` Litres	14553	15269	95.3
iii) Syrups & Squashes	2		`000` Litres	151	144	104.9
8 Cigarettes	3	0.59	M. Nos	1732	2033	85.2
II Textiles	312					
1 Cotton Textiles	285					
i) Cotton/M. M Blended Yarn	247	15.40	M.Tons	128602	125116	102.8
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	57418	57292	100.2
2 Woolen Textiles	21	0.52	M.Tons	567	502	112.9
i) Woolen Yarn	14		M.Tons	539	476	113.2
ii) Knitting Wool	3		M.Tons	20	18	111.1
iii) Woolen & Worsted Cloth	14		M.Tons	8	8	100.0
iv) Carpets	5	0.77	000 Mtrs.	0	0	
3 Jute Textiles	6	0.28	M.Tons	3023	3785	79.9
i) Jute Sacking				1542	2011	76.7
ii) Jute Hessian				915	1099	83.3
iii) Jute Twine				566	675	83.9
III Leather Rubber & Plastic Products	149					
1 Leather Tanning	108					
i) Upper Leather	97	0.49	000 Sq. Mtrs.	478	474	100.8
ii) Sole Leather	11		M.Tons	14	14	100.0
2 Footwear	41	0.90	000 Pairs	1891	1917	98.6
IV Ply Wood	6	0.44	000 Sq. Feet	511	438	116.7
V Paper & Paper Board	47	4.19	M.Tons	51130	52858	96.7
1 Paper				11600	12049	96.3
i) Writing			M.Tons	4910	2727	180.1
ii) Printing			M.Tons	2848	3870	73.6
iii) Packing & Others			M.Tons	3842	5452	70.5
2 Paper Board			M.Tons	39530	40809	96.9
VI Chemical & Petroleum Products	139					
1 Pharmaceuticals	36	1.15				88.2
i) Tablets	28	0.38	000 Nos.	234742	243505	96.4
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	1084	1323	81.9
iii) Capsules	19	0.08	000 Nos.	34787	40191	86.6
iv) Injections	12	0.14	000 Nos.	9987	9811	101.8
v) Ointments	7	0.03	Kgs.	45092	50062	90.1
vi) Galenicals	6	0.04	000 Ltrs.	4	10	40.0
2 Basic Inorganic Chemicals/Acids	8	1.34		97675	93986	103.9
i) Caustic Soda	2		M.Tons	18865	17254	109.3
ii) Hydrochloric Acid	2		M.Tons	34426	32046	107.4
iii) Chlorine Liquids	2		M.Tons	1381	1180	117.0
iv) Soda Ash	2		M.Tons	41730	41447	100.7
v) Sulphuric Acid	5		M.Tons	1273	2059	61.8

Group/Items	No. of Units Coverd in Aug: 2020	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2020 with Jul: 2020
				Aug: 2020	Jul: 2020	
3 Fertilizers	7	7.18	M.Tons	439275	391976	112.1
i) Urea	4		M.Tons	293873	261296	112.5
ii) Amm. Nitrate	1		M.Tons	67858	61702	110.0
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	0	0	
v) Nitro Phosphate	1		M.Tons	77544	68978	112.4
4 Paints & Varnishes	12	0.65		10343	9004	114.9
i) Paints		0.01	M.Tons	7365	6388	115.3
			`000` Litres	2953	2592	113.9
ii) Varnishes		1.04	M.Tons	9	9	100.0
		0.26	`000` Litres	16	15	106.7
5 Tyres & Tubes	6	0.12	`000` Nos.	3547	3526	100.6
i) Cycle Tyres				300	294	102.0
ii) Automobile Tyres				778	774	100.5
iii) Cycle Tubes				606	598	101.3
iv) Automobile Tubes				1863	1860	100.2
6 Soap	62	0.07	M.Tons	20812	21859	95.2
i) Toilet Soap	7			3309	3413	97.0
ii) Washing Soap	62			17503	18446	94.9
7 Matches	2	0.00	M. Box * 40 Sticks	333	389	85.6
8 Synthetic Fibre	4	0.95	M.Tons	41864	29435	142.2
9 Petroleum Products	2	0.99	`000` Litres	582286	527155	110.5
i) Petrol (LPG)			`000` Litres	15029	13674	109.9
ii) J.P.			`000` Litres	20289	22479	90.3
iii) White Kerosene			`000` Litres	7514	10272	73.2
iv) H.S. Diesel			`000` Litres	244307	222189	110.0
v) Diesel Fuel			`000` Litres	1071	795	134.7
vi) Furnace Fuel			`000` Litres	123578	93975	131.5
vii) Solvent Oil			`000` Litres	266	493	54.0
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	7457	9240	80.7
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	162775	154038	105.7
xii) Naphtha			`000` Litres	0	0	
VII Non-Metalic & Mineral	21					
1 Glass Sheets	9	0.19	M.Tons	8760	8945	97.9
2 Cement	12	3.91	M.Tons	1606770	2037917	78.8
VIII Engineering Products	459					
1 Steel Bars/ Angles	41	1.06	M.Tons	21705	22664	95.8
2 Fabricated Metal Products/HMC	1	0.53	M.Tons	29	103	28.2
3 Tractors	4	0.86	Nos.	1144	1092	104.8
4 Automobiles Cars/Trucks	1	1.65	Nos.	1300	1100	118.2
5 Diesel Engines	15	0.06	Nos.	132	96	137.5
6 Motor Cycles	17	0.13	Nos.	109083	112939	96.6
7 Bicycles	3	0.15	Nos.	5160	5200	99.2
8 Electric Fans	126	0.11	Nos.	231015	265313	87.1
i) Ceiling				147932	163641	90.4
ii) Pedestal				26691	39801	67.1
iii) Others				56392	61871	91.1
9 Electric Transformers	3	0.00	Nos.	2405	2310	104.1
10 Electric Motors	30	0.52	Nos.	2942	2518	116.8
11 Switch Gears	3	0.01	Nos.	350	300	116.7
12 Washing Machines	20	0.00	Nos.	40892	27354	149.5
13 Electric Meters	4	0.19	Nos.	132163	138487	95.4
14 Air-Conditioners	5	0.14	Nos.	18580	47281	39.3
15 Refrigerators/Deep Freezers	5	0.31	Nos.	54952	83172	66.1
16 Safety Razor Blades	1	0.14	Mill. Nos.	89	87	102.3
17 Agricultural Implements	151	0.38	Nos.	1201	1113	107.9
i) Chaff Cutter	54			862	756	114.0
ii) Sugarcane Machines	35			13	7	185.7
iii) Wheat Thrashers	30			13	3	433.3
iv) Others (Misc. Imp.)	43			313	347	90.2
18 Textiles Machinery	29	0.01		24	20	120.0
i) Power Looms	20		Nos.	20	18	111.1
ii) Bobbins	5		000 Nos.	0	0	
iii) Shuttles	6		000 Nos.	4	2	200.0
General Index	2012	72.14		155.2	160.2	96.9

Table 3: Production Volume of Selected Items Pertaining to Large-Scale Manufacturing Sector, August 2020 Vs August 2019

Group/Items	No. of Units Coverd in Aug: 2020	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2020 with Aug: 2019
				Aug: 2020	Aug: 2019	
I Food Drinks & Tobacco	879					
1 Vegetable Ghee/Cooking Oil	50	5.00	M.Tons	78772	88308	89.2
i) Vegetable Ghee	50		M.Tons	64469	72371	89.1
ii) Cooking Oil	18		M.Tons	14303	15937	89.7
2 Dairy Products	8	4.13				132.7
i) Process/UHT Milk		1.62	`000` Litres	44203	46329	95.4
ii) Milk Powder		0.87	M.Tons	730	486	150.2
iii) Chees		0.01	M.Tons	669	426	157.0
iv) Butter/ Desi Ghee		0.33	M.Tons	94	105	89.5
v) Cream		1.04	M.Tons	557	250	222.8
vi) Yoghurt		0.26	M.Tons	0	0	
3 Wheat Milling	738	1.25	M.Tons	782695	449491	174.1
4 Sugar	44	3.77	M.Tons	0	0	
5 Tea (Blended)	3	0.03	M.Tons	5143	5124	100.4
6 Starch & its Products	2	0.56	M.Tons	28698	33515	85.6
i) Starch			M.Tons	17079	21713	78.7
ii) Glucose			M.Tons	11619	11802	98.4
7 Soft Drinks & Juices	31	0.82	`000` Litres	193323	220673	87.6
i) 7-up Coca Cola etc.	19		`000` Litres	178619	198873	89.8
ii) Fruit Juices	19		`000` Litres	14553	21369	68.1
iii) Syrups & Squashes	2		`000` Litres	151	431	35.0
8 Cigarettes	3	0.59	M. Nos	1732	2494	69.4
II Textiles	312					
1 Cotton Textiles	285					
i) Cotton/M. M Blended Yarn	247	15.40	M.Tons	128602	131433	97.8
ii) Cloth/M. M Blended Cloth	48	10.20	000 Mtrs.	57418	62602	91.7
2 Woolen Textiles	21	0.52	M.Tons	567	311	182.3
i) Woolen Yarn	14		M.Tons	539	215	250.7
ii) Knitting Wool			M.Tons	20	89	22.5
iii) Woolen & Worsted Cloth	14		M.Tons	8	7	
iv) Carpets	5	0.77	000 Mtrs.	0	0	
3 Jute Textiles	6	0.28	M.Tons	3023	4706	64.2
i) Jute Sacking				1542	1669	92.4
ii) Jute Hessian				915	1260	72.6
iii) Jute Twine				566	1777	31.9
III Leather Rubber & Plastic Products	149					
1 Leather Tanning	108					
i) Upper Leather	97	0.49	000 Sq. Mtrs.	478	979	48.8
ii) Sole Leather	11		M.Tons	14	14	100.0
2 Footwear	41	0.90	000 Pairs	1891	3437	55.0
IV Ply Wood	6	0.44	000 Sq. Feet	511	1724	29.6
V Paper & Paper Board	47	4.19	M.Tons	51130	52186	98.0
1 Paper				11600	18829	61.6
i) Writing			M.Tons	4910	7683	63.9
ii) Printing			M.Tons	2848	5496	51.8
iii) Packing & Others			M.Tons	3842	5650	68.0
2 Paper Board			M.Tons	39530	33357	118.5
VI Chemical & Petroleum Products	139					
1 Pharmaceuticals	36	1.15				103.2
i) Tablets	28	0.38	000 Nos.	234742	217748	107.8
ii) Liquids (Syrups & Drops)	27	0.48	000 Ltrs.	1084	1046	103.6
iii) Capsules	19	0.08	000 Nos.	34787	36351	95.7
iv) Injections	12	0.14	000 Nos.	9987	10656	93.7
v) Ointments	7	0.03	Kgs.	45092	42988	104.9
vi) Galenicals	6	0.04	000 Ltrs.	4	4	100.0
2 Basic Inorganic Chemicals/Acids	8	1.34		97675	87418	111.7
i) Caustic Soda	2		M.Tons	18865	15157	124.5
ii) Hydrochloric Acid	2		M.Tons	34426	25472	135.2
iii) Chlorine Liquids	2		M.Tons	1381	1433	96.4
iv) Soda Ash	2		M.Tons	41730	43950	94.9
v) Sulphuric Acid	5		M.Tons	1273	1406	90.5

Group/Items	No. of Units Coverd in Aug: 2020	Weight with 2005-06 base	Unit of Quantity	Production		Index of Production in Aug: 2020 with Aug: 2019
				Aug: 2020	Aug: 2019	
3 Fertilizers	7	7.18	M.Tons	439275	377454	116.4
i) Urea	4		M.Tons	293873	290506	101.2
ii) Amm. Nitrate	1		M.Tons	67858	40637	167.0
iii) Amm. Sulphate	0		M.Tons	0	0	
iv) Super Phosphate	1		M.Tons	0	1721	0.0
v) Nitro Phosphate	1		M.Tons	77544	44590	173.9
4 Paints & Varnishes	12	0.65		10343	6873	150.5
i) Paints		0.01	M.Tons	7365	3938	187.0
			`000` Litres	2953	2922	101.1
ii) Varnishes		1.04	M.Tons	9	4	225.0
		0.26	`000` Litres	16	9	177.8
5 Tyres & Tubes	6	0.12	`000` Nos.	3547	4056	87.5
i) Cycle Tyres				300	402	74.6
ii) Automobile Tyres				778	698	111.5
iii) Cycle Tubes				606	871	69.6
iv) Automobile Tubes				1863	2085	89.4
6 Soap	62	0.07	M.Tons	20812	18053	115.3
i) Toilet Soap	7			3309	2720	121.7
ii) Washing Soap	62			17503	15333	114.2
7 Matches	2	0.00	M. Box * 40 Sticks	333	252	132.1
8 Synthetic Fibre	4	0.95	M.Tons	41864	33637	124.5
9 Petroleum Products	2	0.99	`000` Litres	582286	489527	118.9
i) Petrol (LPG)			`000` Litres	15029	10886	138.1
ii) J.P.			`000` Litres	20289	52744	38.5
iii) White Kerosene			`000` Litres	7514	7709	97.5
iv) H.S. Diesel			`000` Litres	244307	198768	122.9
v) Diesel Fuel			`000` Litres	1071	731	146.5
vi) Furnace Fuel			`000` Litres	123578	86310	143.2
vii) Solvent Oil			`000` Litres	266	424	
viii) Lubricating Oil			`000` Litres	0	0	
ix) Bitumen 80/100			`000` Litres	7457	6543	114.0
x) Blown Bitumen Products			`000` Litres	0	0	
xi) Premium M.G.			`000` Litres	162775	125412	129.8
xii) Naphtha			`000` Litres	0	0	
VII Non-Metallic & Mineral	21					
1 Glass Sheets	9	0.19	M.Tons	8760	16776	52.2
2 Cement	12	3.91	M.Tons	1606770	1410900	113.9
VIII Engineering Products	459					
1 Steel Bars/ Angles	41	1.06	M.Tons	21705	33624	64.6
2 Fabricated Metal Products/HMC	1	0.53	M.Tons	29	22	131.8
3 Tractors	4	0.86	Nos.	1144	1229	93.1
4 Automobiles Cars/Trucks	1	1.65	Nos.	1300	1600	81.3
5 Diesel Engines	15	0.06	Nos.	132	142	93.0
6 Motor Cycles	17	0.13	Nos.	109083	124212	87.8
7 Bicycles	3	0.15	Nos.	5160	15395	33.5
8 Electric Fans	126	0.11	Nos.	231015	300561	76.9
i) Ceiling				147932	60112	246.1
ii) Pedestal				26691	43988	60.7
iii) Others				56392	196461	28.7
9 Electric Transformers	3	0.00	Nos.	2405	2126	113.1
10 Electric Motors	30	0.52	Nos.	2942	4064	72.4
11 Switch Gears	3	0.01	Nos.	350	369	94.9
12 Washing Machines	20	0.00	Nos.	40892	23293	175.6
13 Electric Meters	4	0.19	Nos.	132163	135654	97.4
14 Air-Conditioners	5	0.14	Nos.	18580	20389	91.1
15 Refrigerators/Deep Freezers	5	0.31	Nos.	54952	50525	108.8
16 Safety Razor Blades	1	0.14	Mill. Nos.	89	96	92.7
17 Agricultural Implements	151	0.38	Nos.	1201	1422	84.5
i) Chaff Cutter	54			862	1106	77.9
ii) Sugarcane Machines	35			13	24	54.2
iii) Wheat Thrashers	30			13	20	65.0
iv) Others (Misc. Imp.)	43			313	272	115.1
18 Textiles Machinery	29	0.01		24	41	58.5
i) Power Looms	20		Nos.	20	37	54.1
ii) Bobbins	5		000 Nos.	0	0	
iii) Shuttles	6		000 Nos.	4	4	100.0
General Index	2012	72.14		155.2	152.8	101.6

Table 4: Total Employment Regarding Large-Scale Industries, July-2020, August-2020 and August-2019

Groups/Items	No. of Units Covered in Aug: 2020	Jul: 2020	Aug: 2020	Aug: 2019	Index of Employment	
					Aug: 2020 with Jul: 2020	Aug: 2020 with Aug: 2019
I Food Drinks & Tobacco	879					
1 Vegetable Ghee/Cooking Oil	50	5092	5078	4744	99.7	107.0
2 Dairy Products	8	2891	2938	2791	101.6	105.3
3 Wheat Milling	738	8159	8829	7436	108.2	118.7
4 Sugar	44	21356	21973	19582	102.9	112.2
5 Tea (Blended)	3	1250	1352	1053	108.2	128.4
6 Starch & its Products	2	2137	2137	2257	100.0	94.7
7 Soft Drinks & Juices	31	8026	7803	8483	97.2	92.0
8 Cigarettes	3	655	654	606	99.8	107.9
II Textiles	313					
1 Cotton Textiles	285	153912	153676	150166	99.8	102.3
2 Woolen Textiles	21	1319	1304	1373	98.9	95.0
3 Jute Textiles	7	4334	3899	4343	90.0	89.8
III Leather Rubber & Plastic Products	149					
1 Leather Tanning	108	2621	2493	2989	95.1	83.4
2 Footwear	41	9166	9264	10420	101.1	88.9
IV Plywood	6	73	83	94	113.7	88.3
V Paper & Paper Board	47					
1 Paper & Paper Board	47	4358	4987	5453	114.4	91.5
VI Chemicals & Petroleum Products	139					
1 Pharmaceuticals	36	8136	7853	7605	96.5	103.3
2 Basic Inorganic Chemicals	8	2570	2586	2643	100.6	97.8
3 Fertilizers	7	5781	5793	5757	100.2	100.6
4 Paints & Varnishes	12	2240	2217	2376	99.0	93.3
5 Tyres & Tubes	6	1181	1186	1302	100.4	91.1
6 Soap	62	2985	3000	2819	100.5	106.4
7 Matches	2	410	416	387	101.5	107.5
8 Synthetic Fibre	4	1748	1776	2220	101.6	80.0
9 Petroleum Products	2	891	886	995	99.4	89.0
VII Non-Metallic & Mineral Products	21					
1 Glass Sheets	9	608	608	838	100.0	72.6
2 Cement	12	7829	7782	8739	99.4	89.0
VIII Engineering Products	458					
1 Steel Bars/ Angles	40	1038	1030	1214	99.2	84.8
2 Fabricated Metal Products/HMC	1	14	14	14	100.0	100.0
3 Tractors	4	540	540	604	100.0	89.4
4 Automobile Cars/Trucks	1	1144	1144	1144	100.0	100.0
5 Diesel Engines	15	19	19	22	100.0	86.4
6 Motor Cycles	17	3023	3015	2966	99.7	101.7
7 Bicycles	3	696	686	768	98.6	89.3
8 Electric Fans	126	2260	2230	2344	98.7	95.1
9 Electric Transformers	3	2700	2700	2702	100.0	99.9
10 Electric Motors	30	183	183	205	100.0	89.3
11 Electric Meters	4	1222	1222	1220	100.0	100.2
12 Switch Gears	3	12	12	14	100.0	85.7
13 Washing Machines	20	268	277	261	103.4	106.1
15 Air-Conditioners/Refrigerators/Deep Freezer	10	2163	2163	2238	100.0	96.6
16 Safety Razor Blades	1	744	744	760	100.0	97.9
17 Agricultural Implements	151	326	371	296	113.8	125.3
18 Textiles Machinery	29	88	95	124	108.0	76.6
Total	2012	276168	277018	274367	100.3	101.0

Table 5: Total Number of Production Workers Regarding Large-Scale Industries, July-2020, August-2020 and August-2019

Groups/Items	No. of Units Covered in Aug: 2020	Jul: 2020	Aug: 2020	Aug: 2019	Index of Employment	
					Aug: 2020 with Jul: 2020	Aug: 2020 with Aug: 2019
I Food Drinks & Tobacco	879					
1 Vegetable Ghee/Cooking Oil	50	3274	3269	3094	99.8	105.7
2 Dairy Products	8	1681	1736	1593	103.3	109.0
3 Wheat Milling	738	4808	5278	4375	109.8	120.6
4 Sugar	44	14113	14684	12710	104.0	115.5
5 Tea (Blended)	3	1033	1133	702	109.7	161.4
6 Starch & its Products	2	1951	1951	2072	100.0	94.2
7 Soft Drinks & Juices	31	4079	3911	4343	95.9	90.1
8 Cigarettes	3	501	501	470	100.0	106.6
II Textiles	313					
1 Cotton Textiles	285	127856	127612	124483	99.8	102.5
2 Woolen Textiles	21	1043	1018	1105	97.6	92.1
3 Jute Textiles	7	3896	2728	3981	70.0	68.5
III Leather Rubber & Plastic Products	149					
1 Leather Tanning	108	1904	1893	2170	99.4	87.2
2 Footwear	41	6840	6908	8353	101.0	82.7
IV Plywood	6	60	66	76	110.0	86.8
V Paper & Paper Board	47					
1 Paper & Paper Board	47	2978	3560	4017	119.5	88.6
VI Chemicals & Petroleum Products	139					
1 Pharmaceuticals	36	3363	3216	3331	95.6	96.5
2 Basic Inorganic Chemicals	8	2037	2058	2069	101.0	99.5
3 Fertilizers	7	3516	3541	3501	100.7	101.1
4 Paints & Varnishes	12	918	906	988	98.7	91.7
5 Tyres & Tubes	6	974	978	920	100.4	106.3
6 Soap	62	2316	2323	2054	100.3	113.1
7 Matches	2	361	367	343	101.7	107.0
8 Synthetic Fibre	4	1467	1490	2008	101.6	74.2
9 Petroleum Products	2	431	431	517	100.0	83.4
VII Non-Metallic & Mineral Products	21					
1 Glass Sheets	9	445	445	740	100.0	60.1
2 Cement	12	5205	5174	6016	99.4	86.0
VIII Engineering Products	458					
1 Steel Bars/ Angles	40	722	711	852	98.5	83.5
2 Fabricated Metal Products/HMC	1	9	9	10	100.0	90.0
3 Tractors	4	366	366	410	100.0	89.3
4 Automobile Cars/Trucks	1	860	860	859	100.0	100.1
5 Diesel Engines	15	13	13	15	100.0	86.7
6 Motor Cycles	17	1909	1906	2663	99.8	71.6
7 Bicycles	3	537	527	713	98.1	73.9
8 Electric Fans	126	1783	1776	1855	99.6	95.7
9 Electric Transformers	3	2003	2003	2000	100.0	100.2
10 Electric Motors	30	139	139	159	100.0	87.4
11 Electric Meters	4	976	976	986	100.0	99.0
12 Switch Gears	3	10	10	12	100.0	83.3
13 Washing Machines	20	185	193	186	104.3	103.8
15 Air-Conditioners/Refrigerators/Deep Freezer	10	1890	1890	1873	100.0	100.9
16 Safety Razor Blades	1	590	590	603	100.0	97.8
17 Agricultural Implements	151	255	297	230	116.5	129.1
18 Textiles Machinery	29	74	78	98	105.4	79.6
Total	2012	209371	209521	209555	100.1	100.0

**LIST OF IMPORTANT TELEPHONES
BUREAU OF STATISTICS, PUNJAB AND ITS FIELD OFFICES**

NAME OF OFFICERS	DESIGNATION	OFFICE TELEPHONE
Sajid Rasul	Director General	042-99232901
Shamas Ul Huda	Deputy Director (CIS)	042-99232907
Sana Ashraf	Statistical Officer (CIS)	-do-
Qaiser Iqbal	Statistical Officer (CIS)	-do-
Muhammad Kashif	Statistical Officer (CIS)	-do-
Kiran Sultana	Statistical Officer (CIS)	-do-
Rizwan Bashir	Statistical Officer (CIS)	-do-
DESIGNATION	BUREAU'S FIELD OFFICES/ADDRESS	
Deputy Director	Tosha Khana Near Cholistan Development Authority, Bahawalpur	062-9250193
Deputy Director	House No. 70-A, Khyaban-e-Sarwar, Dera Ghazi Khan	064-9330108
Deputy Director	2nd Floor Azam Plaza, Near Passport Office, Bukhari Road, Gujranwala	055-9200419
Deputy Director	P-45, Main Road, Al Faiz Colony, Satiana Road Faisalabad	041-9330531
Deputy Director	Near Circuit House, Multan	061-9200930
Deputy Director	Abad Complex Murree Road, Rawalpindi	051-9292035
Deputy Director	52 Umar Park, Sargodha	048-3765387
Deputy Director	34-H Shadman Town, Sahiwal	0404-4507560
Assistant Director	House No. 24, Z-Block, Model Town, Bahawalnagar	063-9330002
Assistant Director	Mohallah Mandi Town, House No.198 Block No. 12 Near Pracha Filling Station, Jhang Road, Bhakkar	0453-9200338
Assistant Director	Street No.4 2nd Floor Mohallah Shumali Chah Loharn Behkari Road, Chakwal	0543-554086
Assistant Director	House No.720-A Gulberg Colony, Kasur	049-2723615
Assistant Director	House No. 190, Employees Colony, Layyah	0606-920273
Assistant Director	Gallah Huntar Pura, Opposite Larri Adda, Christian Town, Sialkot	052-4291219
Assistant Director	Opposite Govt. Vocational College, Nabi Pura, Hiran Minar Road, Sheikhupura	056-3791770