



GOVERNMENT OF HARYANA

INDEX
OF
INDUSTRIAL PRODUCTION
IN
HARYANA
2020-21

Issued by:

**DEPARTMENT OF ECONOMIC AND STATISTICAL AFFAIRS,
HARYANA
2023**

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PREFACE**

PREFACE

Industrialisation plays a vital role in the economy of a State. The Index of Industrial Production (IIP) is one of the prime short-term micro economic indicators of the economic development to measure trend in the behavior of the industrial performance over a period of time in comparison to a chosen base year. It indicates the relative change of physical production in the field of industries during a specified year as compared to previous year.

The Department of Economic and Statistical Affairs, Haryana has been compiling the Index of Industrial Production for Haryana State under the guidance of the National Statistical Office (NSO), Govt. of India since 1971-72 and publishes its report on annual basis. The present report containing information relating to IIP from the year 2020-21 is the fourth issue of the series with base year 2011-12. This Index of Industrial Production of Haryana State relates to Manufacturing and Electricity Sectors with an analysis of use-based classification of the index numbers.

This report provides a useful information for planners, industrialists and researchers etc. interested in the industrial development of the State.

I take this opportunity to thank the National Statistical Office, Government of India for providing valuable guidance. Efforts made by the District Statistical Offices for collection of production data from various industrial units are also acknowledged. The cooperation extended by various industrial units of the State for providing required production data for computation of IIP are appreciated and acknowledged.

This report has been prepared by Sh. Rajender Singh Bhoria, Research Officer with the help of Sh. Bhupender Singh & Sh. Raj kumar Hooda, Assistant Research Officers and Mr. Narender Maan, Data Entry Operator under supervision of Dr. Naresh Kuhar, Deputy Director. I appreciate the efforts made by them for bringing out this report.

Panchkula
Dated : the 29 April, 2023

Dr. Rajvir Bhardwaj
Director, Department of Economic and
Statistical Affairs, Haryana.

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EXECUTIVE SUMMARY

Industrialization plays a vital and crucial role in the economic development of an economy. It accelerates economic growth of a State and thereby increases the contribution of Industry Sector in the State Domestic Product by way of increase in the production and employment. Index of Industrial Production (IIP) is one of the prime indicators of the economic development for measurement of trend in the industrial production over a period of time with reference to a chosen base year.

The Index of Industrial Production for the State is compiled in accordance with the guidelines of the National Statistical Office (NSO), Govt. of India. In Part-I of the report, the detailed methodology, sources of data and computation of index numbers have been presented.

A total of 178 items have been selected from Registered Manufacturing sector for the year 2011-12. Electricity has been taken as a single item. Mining and Quarrying sector has been excluded due to its insignificant contribution in GSDP which was 0.04% in 2011-12 in the State. The total weight of Industrial Sector has been taken as 1000 which has been distributed to Registered Manufacturing & Electricity sectors. The weights of Registered Manufacturing sector have further been distributed at 2/3 digit as well as item level as per criteria suggested by NSO. Production data of selected items are collected directly from the selected factories in the State.

Presently, Index of Industrial Production is being prepared in the State with 2011-12 base year and covers Manufacturing and Electricity sectors. Index number has been calculated at sector level, group level (2 digits) and item level. The same has been presented in the report accordingly. Review of index numbers for the year 2020-21 has also been given in the report.

The General Index of Industrial Production with 2011-12 base year decreased from 154.4 in 2019-20 to 151.2 in 2020-21, registering a negative growth of 2.1 percent. The Index of Manufacturing sector which carries the highest weight in IIP decreased from 166.4 in 2019-20 to 158.1 in 2020-21, negative growth of 5.0 percent. The Index of Electricity sector indicates a negative growth of 13.9 percent as it decreased from 72.0 in 2019-20 to 61.9 in 2020-21.

In last part of the report, the use-based classification which represents the changing pattern of customer's needs, based on taste and habits towards the purchase of industrial product has been given. Review of the use-based classification for the year 2020-21 has also been given therein. The report elaborates that the Index of Primary Goods Industries like argon gas, urea, bitumen, LPG cylinder of iron and steel, electricity etc. has decreased from 85.4 in 2019-20 to 57.4 in 2020-21 which recorded a decrease of 32.8 percent.

The Index of Capital Goods Industries like conveyor belts, tractor tyres, link forging, optical components, acephate/speedometer, diamond tools, spring pins etc. increased from 203.6 in 2019-20 to 209.2 in 2020-21, which recorded an increase of 2.8 percent.

The Index of Intermediate Goods Industries like plywood boards, wooden chips, cast iron, stone dust powder, motor vehicle seats etc. has increased from 139.5 in 2019-20 to 173.8 in 2020-21, recording a growth of 24.6 percent.

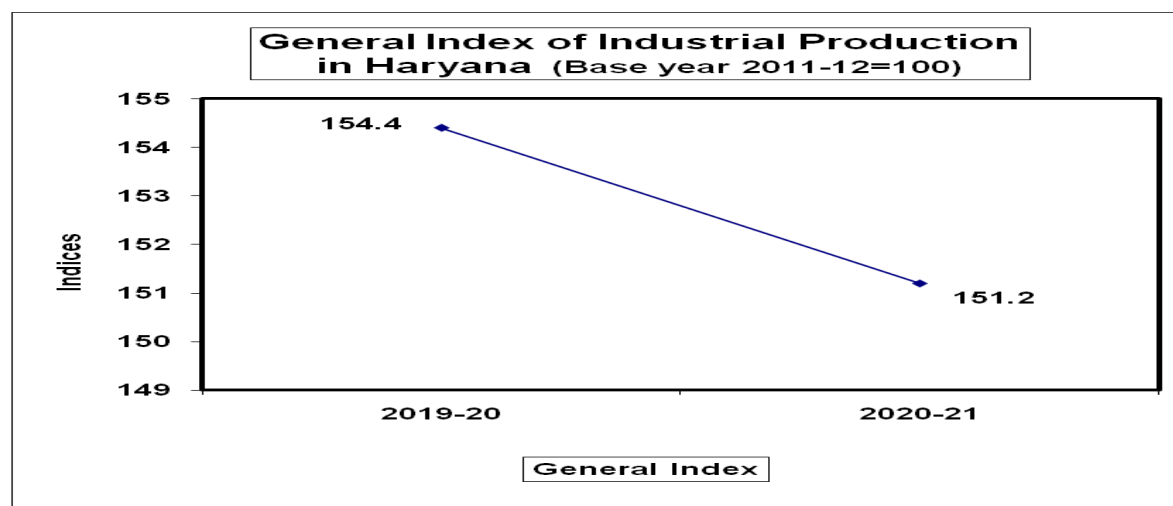
The Index of Infrastructure/Construction Goods Industries like paints, ceramic tiles, scrap cast iron etc. has increased from 126.7 in 2019-20 to 110.0 in 2020-21, recording a negative growth of -13.1 percent.

The Index of Consumer Durables Industries like cotton fabrics, blankets, artificial fur hand bags, books, rexin, button plastic, glass components, water pump, AC motor car etc. has increased from 163.0 in 2019-20 to 151.6 in 2020-21, registering a negative growth of -7.0 percent.

The Index of Consumer Non-Durables Industries like dried vegetables, milk, rice basmati, sugar, biscuits, black tea, waste paper etc. has decreased from 68.9 in 2019-20 to 53.8 in 2020-21, which registering a negative growth of -21.9 percent.

The General Index of Industrial Production for the series with base year 2011-12 is as under:-

Year ↓	General Index of Industrial Production (Base Year 2011-12 =100)	Percentage increase/ decrease over previous year
2019-20	154.4	8.8
2020-21	151.2	-2.1



Part-I

Methodology

of

Index of Industrial Production

in

Haryana

INTRODUCTION

Industrial sector occupies an important position in Indian Economy and has pivotal role to play in the rapid and balanced economic development. Index of Industrial Production (IIP) is one of the tools for measuring the growth of the industrial sector at a particular point of time. The index shows the relative change over time in the volume of industrial production and is an effective tool to measure the trend of current industrial production. IIP can be defined as a single representative figure (an abstract number) to measure the general level of industrial performance in the economy. It is a short-term micro- economic indicator of industrial growth which is used extensively by Government Departments, Industrial Associations, Research Institutes, Academicians etc. for research and policy making.

Due to liberal industrial policy and close proximity of the Haryana State to National Capital, the investment in the industrial sector is growing rapidly. There is need to continuously measure the growth of industrial sector with a view to assess and plan the industrial development schemes in the State. IIP is an effective indicator to assess the performance of State economy under industrial sector over a period of time. The need to prepare IIP was also felt to facilitate comparative studies on performance of various States/ UTs in the industrial sector and to bring uniformity in selection of items basket and preparation of weighting diagram, formula with a common methodology for preparation of IIP.

At the National level, National Statistical Office (NSO), Government of India prepares all India Index of Industrial Production. The Department of Economic and Statistical Affairs, Haryana is preparing Index of Industrial Production of Haryana since the year 1971-72. A number of State Directorates of Economics & Statistics are also engaged in compiling the State level Index of Industrial Production. The Govt. of India has constituted a Technical Advisory Committee (TAC) for an in-depth examination of various technical issues such as identification of representative items basket for individual State, development of corresponding weighting diagram with an appropriate linkage with the weighting diagram of all India's Index of Industrial Production etc. The TAC resolves technical issues relating to IIP and provides technical guidance in the matter of shifting the base year of current series to new series.

The recommendations of the Technical Advisory Committee on comparable Index of Industrial Production are examined by the NSO and the guidelines on compilation of State

level Index of Industrial Production are prepared. According to criteria laid down in the guidelines issued by NSO, the Department of Economic and Statistical Affairs, Haryana prepared the comparable State level Index of Industrial Production with base year 2011-12 for the year 2020-21.

METHODOLOGY

Scope and Coverage

The Index of Industrial Production (IIP) is prepared as per National Industrial Classification (NIC)-2008 for manufacturing and electricity sectors. The manufacturing sector covers the industries registered under section 2m (i) and 2m (ii) of the factory Act, 1948 and functioning within jurisdiction of Haryana State. The section 2m (i) refers to the units employing 10 or more workers with power and section 2m (ii) refers to the units employing 20 or more workers without power on any day of the preceding twelve months.

Base Year

To capture the changes in the industrial sector, the State series of IIP is revised from time to time by dropping obsolete items, including the new items in the items basket and also by shifting the base year to a more recent one. The current State series of IIP has been prepared on its base year 2011-12 under the overall guidance of National Statistical Office (NSO), Govt. of India, New Delhi.

The two stage methodology has been adopted for compiling an Index of Industrial Production. The first stage is to identify and select the items to be included in the items basket which could monitor and reflect the performance of the industrial sector. The second stage is to allocate the weights to the items included in the items basket.

The State level IIP with base year 2011-12 covers two major industrial sectors viz manufacturing (Registered) and electricity. Mining and Quarrying sector has been excluded due to its insignificant contribution in GSDP which was 0.04 percent in 2011-12 in the State. For selection of items weightage of each item in the base year has been determined. For this purpose total weight has been taken as 1000. The total weight of 1000 has been first distributed to registered manufacturing and electricity sectors on the basis of Gross Value Added of each sector for the base year 2011-12. For manufacturing sector, the weights of registered manufacturing sector have further been distributed to 2 digit industry groups (10-32) of NIC 2008. Previously, NSO (IS Wing), Kolkata used to explain the methodology, selection of item basket and preparation of weighting diagram and the States / UTs are to

prepare item basket and weighting diagram etc. but many States / UTs could not do it properly, therefore, NSO (IS Wing), Kolkata has selected the item basket and prepared weighting diagram and also prepared the list of factories (both selected and reserved) and provided to the States / UTs. The electricity sector has been taken as single item.

In all 178 items have been selected for the collection of production data for registered manufacturing sector of the base year 2011-12. The selected items have been assigned use based codes i.e. primary goods, capital goods, intermediate goods, infrastructure / construction goods, consumer durables and consumer non-durables.

The selected items have been classified under 3 digit industry groups which in turn have been classified under 2 digit industry group. List of selected items of manufacturing (registered) sector alongwith their respective item weight have been shown in table no 1.1.

Weighting Diagram

For this purpose, total weight has been taken as 1000. The total weight of 1000 has been first distributed to registered manufacturing and electricity sectors on the basis of Gross Value Added (GVA) of each sector for the year 2011-12. The weights of registered manufacturing sector have further been distributed to various 2 digit industry groups 10-32 of NIC-08. After that the 2 digit level weights have further been distributed to represent 3 digit groups. The weighting diagram prepared at item level is further assigned use based categories. Since electricity sector is a single item sector, no apportioning of weight has been done.

Table number 1.2 shows the distribution of weights for the year 2011-12 at sector level. Distribution of weight among selected groups at 2 & 3 digit level of manufacturing sector have been shown in table no. 1.3. Item level distribution of weights of manufacturing sector is available at table no. 1.4.

Selection of units

For selection of industrial units for collection of production data for manufacturing sector the unit wise ASI frame of items selected in the items basket for the year 2011-12 is used. Item-wise frame of Industrial units has been supplied by NSO (ISW), Kolkata. The month-wise data on generation of electricity taken from the website (www.cea.nic.in) and (npp.gov.in) NPP portal of the Central Electricity Authority is used. In this way, 544 industrial units have been selected for collection of data.

Source of data

For manufacturing sector, the Department of Economic & Statistical Affairs, Haryana has created necessary infrastructure for collection of data regularly from industrial units selected for the purpose. The data is collected directly from the selected industrial units by the District Statistical Officers of the department. Efforts are being made to promote online system for data collection. For electricity sector, the necessary data is obtained from the website of Central Electricity Authority www.cea.nic.in and NPP portal, npp.gov.in.

Computation of Index Number

The change in production of selected units producing the item in the current period viz-a-viz their production in base year is relative change in the production of the item. The total production of an item in the current period is estimated using the relative change in production of the selected units.

The Index is computed by using the Laspeyre's Formula: -

$$I = \frac{\sum R_i W_i}{\sum W_i}$$

Where I = Index Number

R_i = Production relative of ith selected item

W_i = Weight assigned to ith item

∑ = Summation of all items within each group upto major group (2 digit) level.

The production relative of an item is defined as percentage growth of the production compared to the base year production.

$$R_i = \frac{P_{ci}}{P_{oi}} \times 100$$

Where R_i = Production relative of ith selected item.

P_{ci} = Current year production of ith item

P_{oi} = Base year production of ith item.

The production relatives are thus calculated at product (3 digit) level of NIC code and the ultimate indices are calculated up to major group (2 digit) level. Sectoral Indices and General Index are based on weighted Laspeyre's Index Number.

Table-1.1

**Selected Items with Item Weights of Registered Manufacturing Sector
for the Year 2011-12**

Sr. No.	NIC-3d	NPCMS	Items	Item Weight
1	2	3	4	5
10- Manufacture of Food Products				83.50
1	103	2139300	Dried vegetables	0.26
2	103	2399500	Sauces; mixed condiments; mustard flour and meal; prepared mustard	0.35
3	104	2159001	Other vegetable oils and fats, refined	1.02
4	105	2221200	Skim milk and whey powder	0.74
5	105	2222902	Milk	1.92
6	105	2224100	Butter and other fats and oils derived from milk of cattle	1.34
7	106	2316201	Rice basmati	56.51
8	106	3913004	Guar kernel	9.21
9	107	2321011	Sugar	2.02
10	107	2342001	Biscuits	1.41
11	107	2352000	Refined sugar	2.89
12	107	2367000	Sugar confectionery (including white chocolate), not containing cocoa; vegetables, fruit, nuts, fruit-peel and other parts of plants, preserved by sugar	3.04
13	107	2391301	Black tea (CTC)	1.09
14	107	3912006	Mud / molasses waste	0.89
15	108	3912004	Gola (cattle feed)	0.17
16	108	3912005	Husk (animal feed)	0.63
11- Manufacture of Beverages				12.57
17	110	2413101	Country liquor and it variant	3.65
18	110	2431000	Beer made from malt	2.46
19	110	2432000	Malt, whether or not roasted	1.46
20	110	2449002	Soft drink, carbonated beverage other than soda water	3.72
21	110	3413104	Rectified spirit	1.29
12- Manufacture of Tobacco Products				0.75
22	120	2142900	Other shelled nuts	0.10
23	120	2501005	Tobacco, chewing (scented or not)	0.65
13- Manufacture of Textiles				40.43
24	131	2616000	Cotton, carded or combed	2.54
25	131	2632000	Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale	1.66
26	131	2636003	Yarn dyed, cotton	3.02
27	131	2669004	Cotton fabrics	0.91
28	131	2669010	Fabrics, cotton	2.13
29	131	2669024	Lining cloth, cotton	2.18
30	131	2671002	Fabrics, mixed	1.43
31	131	2671005	Fabrics, polyester fibre	1.62

Table-1.1 (Contd.)

**Selected Items with Item Weights of Registered Manufacturing Sector
for the Year 2011-12**

Sr. No.	NIC-3d	NPCMS	Items	Item Weight
1	2	3	4	5
32	131	2671013	Man-made fibre fabrics	2.16
33	139	2671008	Fabrics/cloth	2.08
34	139	2684002	Terry towell (cotton)	2.70
35	139	2711001	Blankets	1.35
36	139	2721000	Carpets and other textile floor coverings, knotted	4.64
37	139	2723000	Carpets and other textile floor coverings, tufted	12.02
			14- Manufacture of Wearing Apparel	49.68
38	141	2669012	Garment cloth, cotton	6.68
39	141	2825001	Garments made up of textile fabrics coated with other materials	30.01
40	141	2825004	Garments made up of textile fabrics impregnated	12.98
			15-Manufacture of Leather and related Products	27.44
41	151	2833006	Hand bag, artificial fur	3.50
42	152	2933000	Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear	4.32
43	152	2949000	Other sports footwear, except skating boots	3.39
44	152	2951000	Footwear incorporating a protective metal toe-cap, except those covered in subclass 29320	16.24
			16- Manufacture of Wood & Products of Wood & Cork, except Furniture; Manufacture of Articles of Straw & Plaiting Materials	3.09
45	161	3110005	Wood cutting processed sized	0.04
46	161	3110014	Wooden chips	0.02
47	162	3141001	Plywood board	1.14
48	162	3142001	Plywood decorative	0.79
49	162	3151001	Plywood	1.10
			17- Manufacture of Paper & Paper Products	9.27
50	170	3212924	Paper, printing & writing	5.87
51	170	3214917	Paper polythene coated	0.65
52	170	3219900	Other paper, paperboard, cellulose wadding and webs of cellulose fibres, cut to size or shape; cigarette paper, in booklets or tubes, or in rolls of a width not exceeding 5 cm; of other articles of paper pulp, paper, paperboard, cellulose wadding or webs	0.64
53	170	3215301	Boxes, corrugated sheet	0.95
54	170	3633021	Sheet laminated plastic	1.16
			18- Printing and Reproduction of Recorded Media	4.16
55	181	3229901	Books	3.73
56	181	3924001	Waste paper	0.43

Table-1.1 (Contd.)

**Selected Items with Item Weights of Registered Manufacturing Sector
for the Year 2011-12**

Sr. No.	NIC-3d	NPCMS	Items	Item Weight
1	2	3	4	5
			19- Manufacture of Crude and Refined Petroleum Products	0.41
57	192	1720001	Argon gas	0.05
58	192	3421010	Nitrogen, liquid	0.13
59	192	3421013	Oxygen liquid	0.23
			20- Manufacture of Chemical and Chemical Products	23.19
60	201	3461100	Urea	4.33
61	202	1533003	Bitumen	2.93
62	202	3511064	Paint	8.61
63	202	3511070	Paints, plastic emulsion	3.96
64	202	3511079	Primer, stoving, synthetic	3.04
65	203	3699015	Rexin	0.33
			21- Manufacture of Pharmaceuticals, Medicinal Chemical and Botanical Products	13.35
66	210	3526011	Antidiabetic drugs excl.insulin (metformin,pioglitazone, glimepiride etc)	1.69
67	210	3526062	Ointments, allopathic	6.66
68	210	3527080	Vaccine for veterinary medicine	1.54
69	210	3529005	Bandage including adhesive gauze bandage	1.39
70	210	3542000	Glues and gelatine, peptones and their derivatives, and related products; caseinates and other casein derivatives; albuminates and other albumin derivatives	2.07
			22- Manufacture of Rubber and Plastics Products	22.53
71	221	2799802	Conveyor belts	5.23
72	221	3611103	Tyre tractor	6.79
73	221	3626046	Rubber cloth/sheet	2.41
74	221	4994205	Rubber brake lining	1.88
75	222	2960000	Parts of footwear; removable insoles, heel cushions and similar articles; gaiters, leggings and similar articles, and parts thereof	0.52
76	222	3474010	Unsaturated polyester resin	0.85
77	222	3641008	Plastic bag	0.71
78	222	3699004	Button plastic	0.78
79	222	3699007	Components plastic	1.93
80	222	3892400	Button moulds and other parts of buttons; button blanks; parts of slide fasteners	1.42
			23- Manufacture of Other Non-Metallic Products	18.73
81	231	3711205	Glass components	3.72
82	231	3712103	Fibre glass sheet/board	0.79
83	239	1532007	Stone dust/powder	1.69

Table-1.1 (Contd.)

**Selected Items with Item Weights of Registered Manufacturing Sector
for the Year 2011-12**

Sr. No.	NIC-3d	NPCMS	Items	Item Weight
1	2	3	4	5
84	239	3731005	Ceramic tiles	2.35
85	239	3744001	Cement, white	2.96
86	239	3744007	Cement, others products	0.88
87	239	3744008	Cement, portland	2.27
88	239	3754000	Tiles, flagstones, bricks and similar articles, of cement, concrete or artificial stone	2.15
89	239	3757001	Asbestos , corrugated sheet	0.83
90	239	4291104	Sanitary ware others of iron and steel	1.08
			24- Manufacture of Basic Metals	48.60
91	241	4121102	Plates, hot rolled	19.63
92	241	4122201	C R sheet l t 600 mm	3.12
93	241	4125106	Cold finished/formed of flat rolled products	14.95
94	242	4141304	Copper wire bars, refined	0.63
95	242	4141305	Copper zinc base alloys, brass	1.07
96	242	4143102	Aluminium ingots	0.65
97	242	4153201	Aluminium alloys profile hollow	0.43
98	242	4153402	Aluminium circles alloyed	1.01
99	243	4111102	Cast iron	0.74
100	243	4128104	Tubes, pipes of stainless steel	6.37
			25- Manufacture of Fabricated Metal Products, except Machinery and Equipment	32.54
101	251	3870206	Heavy machinery for fabrication	0.45
102	251	4211007	Towers for transmission lines of iron and steel	0.83
103	251	4222005	Liquefied petroleum gas (LPG) cylinders of iron and steel	3.76
104	259	4291214	Utensils of iron (other than cast iron) or steel , enamelled	13.99
105	259	4292110	Grease guns excl compressed air type	1.97
106	259	4294403	Bolts, screws, nuts, iron /steel	3.61
107	259	4294413	Machine screw iron and steel	3.55
108	259	4421706	Forging, die stamping machines incl. presses and hammers	1.66
109	259	4412701	Link forging	2.71
			26- Manufacture of Computer, Electronic and Optical Products	11.15
110	261	3633010	Film polyester (metalised)	2.17
111	261	4713002	Electronic p c b /micro circuit	0.58
112	263	4824400	Instruments and apparatus (except cathode-ray oscilloscopes and	5.95
113	264	4769103	Audio cd/dvd player	0.11
114	265	4823200	Drafting tables and machines, and other drawing, marking-out or	0.62
115	265	4824303	Meter, electric -others	1.24

Table-1.1 (Contd.)

**Selected Items with Item Weights of Registered Manufacturing Sector
for the Year 2011-12**

Sr. No.	NIC-3d	NPCMS	Items	Item Weight
1	2	3	4	5
116	266	4812100	Electro-diagnostic apparatus, used in medical, surgical, dental	0.00
117	267	4831301	Optical components	0.12
118	267	4826101	Biological microscope	0.36
			27- Manufacture of Electrical Equipment	58.22
119	271	4613100	Parts of electric motors, generators and the like	7.64
120	271	4621400	Boards, consoles, cabinets and other bases, equipped with electrical switching etc. apparatus, for electric control or the distribution of electricity, for a voltage exceeding 1000 v	4.85
121	271	4622000	Parts of electricity distribution or control apparatus	24.72
122	273	3870203	Fabricated metal products	1.33
123	273	4126701	Wire, stainless steel, electrode quality	0.81
124	273	4632003	Cable, pvc insulated	1.61
125	273	4632004	Cable, rubber insulated	0.36
126	274	4653101	Light fitting accessories	5.47
127	274	4653901	Fluorescent tubes	2.00
128	275	4611205	Motors, fan	5.84
129	279	4636000	Optical fibre cables made up of individually sheathed fibres	3.60
			28- Manufacture of Machinery and Equipments	106.63
130	281	3466102	Acephate / speedometer	10.10
131	281	3934002	Scrap cast iron	1.46
132	281	4311000	Internal combustion piston engines, other than for motor vehicles and aircraft	6.48
133	281	4322022	Water pump	2.25
134	281	4323003	Compressors used in refrigerator	6.64
135	281	4391203	Air conditioner-window/wall	10.16
136	281	4826601	Hydraulic equipment	2.53
137	281	4911301	Ac motor car	9.77
138	281	4912908	Bearing, steel	1.74
139	282	3823007	Diamond tools	1.72
140	282	4391402	Filters for beverages	1.86
141	282	4411201	Cultivators	1.95
142	282	4414900	Other agricultural tractors	39.04
143	282	4419900	Parts of agricultural machinery	1.87
144	282	4442400	Tamping machines and road rollers, self-propelled	4.53
145	282	4491400	Bookbinding machinery; machinery for type-setting and the and offset printing machinery) like; printing machinery machines for uses ancillary to printing (except office type sheet-fed	2.80
146	282	4515001	Offset printing machines	1.74

Table-1.1 (Concl.d.)

**Selected Items with Item Weights of Registered Manufacturing Sector
for the Year 2011-12**

Sr. No.	NIC-3d	NPCMS	Items	Item Weight
1	2	3	4	5
29- Manufacture of Motor Vehicles, Trailers and Semi Trailers				230.72
147	291	4911202	Mini bus / bus - complete	95.53
148	292	4294506	Spring pins	1.64
149	292	4912918	Exhaust tubes	2.08
150	292	4922200	Trailers and semi-trailers of the caravan type, for housing or camping	1.40
151	292	4923100	Parts and accessories for the goods of subclass 49211	4.92
152	293	3811105	Seat for motor vehicle	18.13
153	293	4294503	Leaf spring for motor vehicles	6.79
154	293	4299211	Locks used in motor vehicles	5.13
155	293	4315106	Parts of petrol engines for motor vehicles	19.17
156	293	4325101	Engine assembly parts	14.84
157	293	4332019	Shafts,all kinds	7.00
158	293	4912901	Air brake sets	12.26
159	293	4912902	Auto door rubber fittings	7.68
160	293	4912904	Axel	4.05
161	293	4912923	Gear boxes, motor vehicles	6.70
162	293	4912924	Gear case assemblies	3.57
163	293	4912940	Shock absorbers	7.65
164	293	4912941	Silencer	3.92
165	293	4912943	Steering gear control system	8.28
30- Manufacture of Other Transport Equipment				121.25
166	302	4954017	Tracks, railway/tramway	5.68
167	309	4991202	Motor cycle, racing with cylinder capacity exceeding 50 cc	27.08
168	309	4992202	Parts for motor cycle/moped/ cycle	22.16
169	309	4994100	Parts and accessories of motorcycles and side-cars	66.34
31- Manufacture of Furniture				0.41
170	310	3814004	Furniture & fixture wooden	0.41
32- Other Manufacturing				9.21
171	321	3899701	Ornaments imitation	0.27
172	323	3626054	Sports goods rubber	0.42
173	325	4291301	Blade, stainless steel	0.48
174	325	4814000	Medical, surgical or laboratory sterilizers	5.53
175	325	4831103	Lens, ophthalmic	1.36
176	329	3891108	Pen body plastic	0.38
177	329	3891123	Staplers	0.37
178	329	3896101	Handicraft / decorative fancy items	0.40

Table-1.2

Distribution of Weights at Sector Level

Sr. No.	Sector	Weight
1	2	3
1	Registered Manufacturing	927.83
2	Electricity	72.17
Total		1000.00

Table-1.3

**Distribution of Weights of Registered Manufacturing
Sector at 2-Digit Level for the Year 2011-12**

NIC 2008	Industry Group	Weight
1	2	3
10	Manufacture of Food Products	83.50
11	Manufacture of Beverages	12.57
12	Manufacture of Tobacco Products	0.75
13	Manufacture of Textiles	40.43
14	Manufacture of Wearing Apparel	49.68
15	Manufacture of Leather and related Products	27.44
16	Manufacture of Wood & Products of Wood & Cork, except Furniture; Manufacture of Articles of Straw & Articles of Straw & Plaiting Materials	3.09
17	Manufacture of Paper & Paper Products	9.27
18	Printing and Reproduction of Recorded Media	4.16
19	Manufacture of Crude and Refined Petroleum Products	0.41
20	Manufacture of Chemical and Chemical Products	23.19
21	Manufacture of Pharmaceuticals, Medicinal Chemical and Botanical Products	13.35
22	Manufacture of Rubber and Plastic Products	22.53
23	Manufacture of other Non-Metallic Products	18.73
24	Manufacture of Basic Metals	48.60
25	Manufacture of Fabricated Metal Products, except Machinery and Equipment	32.54
26	Manufacture of Computer, Electronic and optical Products	11.16
27	Manufacture of Electrical Equipment	58.22
28	Manufacture of Machinery Equipment	106.63
29	Manufacture of Motor Vehicles, Trailers and Semi Trailers	230.72
30	Manufacture of other Transport Equipment	121.25
31	Manufacture of Furniture	0.41
32	Other Manufacturing	9.21
Total		927.83

Table-1.4

**Distribution of Weights at 3 Digit Level of NIC 2008
for the Year 2011-12 of Registered Manufacturing Sector**

NIC-3d	NPCMS	Items	Units	3d weight	Item weight
1	2	3	4	5	6
103	2139300	Dried vegetables	Tonne	0.61	0.26
103	2399500	Sauces; mixed condiments; mustard flour and meal; prepared mustard	Kg.	0.61	0.35
104	2159001	Other vegetable oils and fats, refined	Tonne	1.02	1.02
105	2221200	Skim milk and whey powder	Tonne	4.00	0.74
105	2222902	Milk	Tonne	4.00	1.92
105	2224100	Butter and other fats and oils derived from milk of cattle	Tonne	4.00	1.34
106	2316201	Rice basmati	Tonne	65.72	56.51
106	3913004	Guar kernel	Tonne	65.72	9.21
107	2321011	Sugar	Kg.	11.35	2.02
107	2342001	Biscuits	Kg.	11.35	1.41
107	2352000	Refined sugar	Tonne	11.35	2.89
107	2367000	Sugar confectionery (including white chocolate), not containing cocoa; vegetables, fruit, nuts, fruit-peel and other parts of plants, preserved by sugar	Kg.	11.35	3.04
107	2391301	Black tea (CTC)	Kg.	11.35	1.09
107	3912006	Mud / molasses waste	Tonne	11.35	0.89
108	3912004	Gola (cattle feed)	Tonne	0.80	0.17
108	3912005	Husk (animal feed)	Tonne	0.80	0.63
					83.50
110	2413101	Country Liquour and it variant	Litres	12.57	3.65
110	2431000	Beer made from malt	Litres	12.57	2.46
110	2432000	Malt, whether or not roasted	Litres	12.57	1.46
110	2449002	Soft drink , carbonated beverage other than soda water	Litres	12.57	3.72
110	3413104	Rectified spirit	Litres	12.57	1.29
					12.57
120	2142900	Other shelled nuts	Tonne	0.75	0.10
120	2501005	Tobacco, chewing (scented or not)	Tonne	0.75	0.65
					0.75
131	2616000	Cotton, carded or combed	Kg.	17.65	2.54
131	2632000	Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale	Kg.	17.65	1.66
131	2636003	Yarn dyed, cotton	Kg.	17.65	3.02
131	2669004	Cotton fabrics	Metres	17.65	0.91

Table-1.4 (Contd.)

**Distribution of Weights at 3 Digit Level of NIC 2008
for the Year 2011-12 of Registered Manufacturing Sector**

NIC-3d	NPCMS	Items	Units	3d weight	Item weight
1	2	3	4	5	6
131	2669010	Fabrics, cotton	Metres	17.65	2.13
131	2669024	Lining cloth, cotton	Metres	17.65	2.18
131	2671002	Fabrics, mixed	Metres	17.65	1.43
131	2671005	Fabrics, polyester fibre	Metres	17.65	1.62
131	2671013	Man-made fibre fabrics	Metres	17.65	2.16
139	2671008	Fabrics/cloth	Metres	22.78	2.08
139	2684002	Terry towell (cotton)	Metres	22.78	2.70
139	2711001	Blankets	Kg.	22.78	1.35
139	2721000	Carpets and other textile floor coverings, knotted	Sq. Metres	22.78	4.64
139	2723000	Carpets and other textile floor coverings, tufted	Sq. Metres	22.78	12.02
					40.43
141	2669012	Garment cloth, cotton	Metres	49.68	6.68
141	2825001	Garments made up of textile fabrics coated with other materials	Nos.	49.68	30.01
141	2825004	Garments made up of textile fabrics impregnated	Nos.	49.68	12.98
					49.68
151	2833006	Hand bag, artificial fur	Nos.	3.50	3.50
152	2933000	Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear	Pair	23.95	4.32
152	2949000	Other sports footwear, except skating boots	Pair	23.95	3.39
152	2951000	Footwear incorporating a protective metal toe-cap, except those covered in subclass 29320	Pair	23.95	16.24
					27.44
161	3110005	Wood cutting processed sized	Cubic Metre	0.06	0.04
161	3110014	Wooden chips	Tonne	0.06	0.02
162	3141001	Plywood board	Sq. Metres	3.03	1.14
162	3142001	Plywood decorative	Nos.	3.03	0.79
162	3151001	Plywood	Sq. Metres	3.03	1.10
					3.09
170	3212924	Paper, printing & writing	Tonne	9.27	5.87
170	3214917	Paper polythene coated	Tonne	9.27	0.65

Table-1.4 (Contd.)

**Distribution of Weights at 3 Digit Level of NIC 2008
for the Year 2011-12 of Registered Manufacturing Sector**

NIC-3d	NPCMS	Items	Units	3d weight	Item weight
1	2	3	4	5	6
170	3219900	Other paper, paperboard, cellulose wadding and webs of cellulose fibres, cut to size or shape; cigarette paper, in booklets or tubes, or in rolls of a width not exceeding 5 cm; of other articles of paper pulp, paper, paperboard, cellulose wadding or webs	Metres	9.27	0.64
170	3215301	Boxes, corrugated sheet	Nos.	9.27	0.95
170	3633021	Sheet laminated plastic	Kg.	9.27	1.16
					9.27
181	3229901	Books	Nos.	4.16	3.73
181	3924001	Waste paper	Tonne	4.16	0.43
					4.16
192	1720001	Argon gas	Th. Cubic Metre	0.41	0.05
192	3421010	Nitrogen, liquid	Litres	0.41	0.13
192	3421013	Oxygen liquid	Cubic Metre	0.41	0.23
					0.41
201	3461100	Urea	Tonne	4.33	4.33
202	1533003	Bitumen	Tonne	18.53	2.93
202	3511064	Paint	Tonne	18.53	8.61
202	3511070	Paints, plastic emulsion	Litres	18.53	3.96
202	3511079	Primer, stoving, synthetic	Litres	18.53	3.04
203	3699015	Rexin	Metres	0.33	0.33
					23.19
210	3526011	Antidiabetic drugs excl.insulin (metformin, pioglitazone,glimepiride etc)	Kg.	13.35	1.69
210	3526062	Ointments, allopathic	Kg.	13.35	6.66
210	3527080	Vaccine for veterinary medicine	Kg.	13.35	1.54
210	3529005	Bandage including adhesive gauze bandage	Kg.	13.35	1.39
210	3542000	Glues and gelatine, peptones and their derivatives, and related products; caseinates and other casein derivatives; albuminates and other albumin derivatives	Tonne	13.35	2.07
					13.35
221	2799802	Conveyor belts	Metres	16.31	5.23
221	3611103	Tyre tractor	Nos.	16.31	6.79
221	3626046	Rubber cloth/sheet	Metres	16.31	2.41
221	4994205	Rubber brake lining	Nos.	16.31	1.88

Table-1.4 (Contd.)

**Distribution of Weights at 3 Digit Level of NIC 2008
for the Year 2011-12 of Registered Manufacturing Sector**

NIC-3d	NPCMS	Items	Units	3d weight	Item weight
1	2	3	4	5	6
222	2960000	Parts of footwear; removable insoles, heel cushions and similar articles; gaiters, leggings and similar articles, and parts thereof	Pair	6.21	0.52
222	3474010	Unsaturated Polyester Resin	Kg.	6.21	0.85
222	3641008	Plastic bag	Nos.	6.21	0.71
222	3699004	Button plastic	Thousand Nos.	6.21	0.78
222	3699007	Components plastic	Nos.	6.21	1.93
222	3892400	Button moulds and other parts of buttons; button blanks; parts of slide fasteners	Th. Nos.	6.21	1.42
					22.53
231	3711205	Glass components	Tonne	4.52	3.72
231	3712103	Fibre glass sheet/board	Tonne	4.52	0.79
239	1532007	Stone dust/powder	Cubic	14.21	1.69
239	3731005	Ceramic tiles	Thousand Nos.	14.21	2.35
239	3744001	Cement, White	Tonne	14.21	2.96
239	3744007	Cement, others products	Tonne	14.21	0.88
239	3744008	Cement, portland	Tonne	14.21	2.27
239	3754000	Tiles, flagstones, bricks and similar articles, of cement, concrete or artificial stone	Tonne	14.21	2.15
239	3757001	Asbestos , corrugated sheet	Tonne	14.21	0.83
239	4291104	Sanitary ware others of iron and steel	Kg.	14.21	1.08
					18.73
241	4121102	Plates, hot rolled	Tonne	37.70	19.63
241	4122201	C R sheet l t 600 mm	Tonne	37.70	3.12
241	4125106	Cold finished/formed of flat rolled products	Tonne	37.70	14.95
242	4141304	Copper wire bars, refined	Tonne	3.79	0.63
242	4141305	Copper zinc base alloys, brass	Tonne	3.79	1.07
242	4143102	Aluminium ingots	Tonne	3.79	0.65
242	4153201	Aluminium alloys profile hollow	Tonne	3.79	0.43
242	4153402	Aluminium circles alloyed	Tonne	3.79	1.01
243	4111102	Cast iron	Tonne	7.10	0.74
243	4128104	Tubes, pipes of stainless steel	Tonne	7.10	6.37
					48.60
251	3870206	Heavy machinery for fabrication	Nos.	5.04	0.45
251	4211007	Towers for transmission lines of iron and steel	Tonne	5.04	0.83

Table-1.4 (Contd.)

**Distribution of Weights at 3 Digit Level of NIC 2008
for the Year 2011-12 of Registered Manufacturing Sector**

NIC-3d	NPCMS	Items	Units	3d weight	Item weight
1	2	3	4	5	6
251	4222005	Liquefied petroleum gas (LPG) cylinders of iron and steel	Tonne	5.04	3.76
259	4291214	Utensils of iron (other than cast iron) or steel, enamelled	Kg.	27.49	13.99
259	4292110	Grease guns excl compressed air type	Kg.	27.49	1.97
259	4294403	Bolts, screws, nuts, iron /steel	Kg.	27.49	3.61
259	4294413	Machine screw iron and steel	Kg.	27.49	3.55
259	4421706	Forging, die stamping machines incl. Presses and hammers	Nos.	27.49	1.66
259	4412701	Link forging	Nos.	27.49	2.71
					38.54
261	3633010	Film polyester (metalised)	Tonne	2.75	2.17
261	4713002	Electronic p c b /micro circuit	Nos.	2.75	0.58
263	4824400	Instruments and apparatus (except cathode-ray oscilloscopes and oscillographs) for telecommunications	Nos.	5.95	5.95
264	4769103	Audio cd/dvd player	Nos.	0.11	0.11
265	4823200	Drafting tables and machines, and other drawing, marking-out or mathematical calculating instruments	Nos.	1.86	0.62
265	4824303	Meter, electric -others	Nos.	1.86	1.24
266	4812100	Electro-diagnostic apparatus, used in medical, surgical, dental	Nos.	0.00	0.00
267	4831301	Optical components	Nos.	0.48	0.12
267	4826101	Biological microscope	Nos.	0.48	0.36
					11.16
271	4613100	Parts of electric motors, generators and the like	Nos.	37.21	7.64
271	4621400	Boards, consoles, cabinets and other bases, equipped with electrical switching etc. apparatus, for electric control or the distribution of electricity, for a voltage exceeding 1000 v	Nos.	37.21	4.85
271	4622000	Parts of electricity distribution or control apparatus	Nos.	37.21	24.72
273	3870203	Fabricated metal products	Tonne	4.10	1.33
273	4126701	Wire, stainless steel, electrode quality	Tonne	4.10	0.81
273	4632003	Cable, pvc insulated	Nos.	4.10	1.61

Table-1.4 (Contd.)

**Distribution of Weights at 3 Digit Level of NIC 2008
for the Year 2011-12 of Registered Manufacturing Sector**

NIC-3d	NPCMS	Items	Units	3d weight	Item weight
1	2	3	4	5	6
273	4632004	Cable, rubber insulated	Nos.	4.10	0.36
274	4653101	Light fitting accessories	Nos.	7.47	5.47
274	4653901	Fluorescent tubes	Th. Nos.	7.47	2.00
275	4611205	Motors, fan	Nos.	5.84	5.84
279	4636000	Optical fibre cables made up of individually sheathed fibres	Nos.	3.60	3.60
					58.22
281	3466102	Acephate / speedometer	Tonne	51.11	10.10
281	3934002	Scrap cast iron	Tonne	51.11	1.46
281	4311000	Internal combustion piston engines, other than for motor vehicles and aircraft	Nos.	51.11	6.48
281	4322022	Water pump	Nos.	51.11	2.25
281	4323003	Compressors used in refrigerator	Nos.	51.11	6.64
281	4391203	Air conditioner-window/wall	Nos.	51.11	10.16
281	4826601	Hydraulic equipment	Nos.	51.11	2.53
281	4911301	Ac motor car	Nos.	51.11	9.77
281	4912908	Bearing, steel	Nos.	51.11	1.74
282	3823007	Diamond tools	Nos.	55.51	1.72
282	4391402	Filters for beverages	Nos.	55.51	1.86
282	4411201	Cultivators	Nos.	55.51	1.95
282	4414900	Other agricultural tractors	Nos.	55.51	39.04
282	4419900	Parts of agricultural machinery	Nos.	55.51	1.87
282	4442400	Tamping machines and road rollers, self-propelled	Nos.	55.51	4.53
282	4491400	Bookbinding machinery; machinery for type-setting and the and offset printing machinery) like; printing machinery machines for uses ancillary to printing (except office type sheet-fed	Nos.	55.51	2.80
282	4515001	Offset printing machines	Nos.	55.51	1.74
					106.63
291	4911202	Mini bus / bus - complete	Nos.	95.53	95.53
292	4294506	Spring pins	Tonne	10.03	1.64
292	4912918	Exhaust tubes	Nos.	10.03	2.08
292	4922200	Trailers and semi-trailers of the caravan type, for housing or camping	Nos.	10.03	1.40
292	4923100	Parts and accessories for the goods of subclass 49211	Nos.	10.03	4.92
293	3811105	Seat for motor vehicle	Nos.	125.16	18.13
293	4294503	Leaf spring for motor vehicles	Tonne	125.16	6.79

Table-1.4 (Concl.)

**Distribution of Weights at 3 Digit Level of NIC 2008
for the Year 2011-12 of Registered Manufacturing Sector**

NIC-3d	NPCMS	Items	Units	3d weight	Item weight
1	2	3	4	5	6
293	4299211	Locks used in motor vehicles	kg.	125.16	5.13
293	4315106	Parts of petrol engines for motor vehicles	Kg.	125.16	19.17
293	4325101	Engine assembly parts	Nos.	125.16	14.84
293	4332019	Shafts,all kinds	Nos.	125.16	7.00
293	4912901	Air brake sets	Nos.	125.16	12.26
293	4912902	Auto door rubber fittings	Nos.	125.16	7.68
293	4912904	Axel	Nos.	125.16	4.05
293	4912923	Gear boxes, motor vehicles	Nos.	125.16	6.70
293	4912924	Gear case assemblies	Nos.	125.16	3.57
293	4912940	Shock absorbers	Nos.	125.16	7.65
293	4912941	Silencer	Nos.	125.16	3.92
293	4912943	Steering gear control system	Nos.	125.16	8.28
					230.72
302	4954017	Tracks, railway/tramway	Nos.	5.68	5.68
309	4991202	Motor cycle, racing with cylinder capacity exceeding 50 cc	Nos.	115.58	27.08
309	4992202	Parts for motor cycle/moped/ cycle	Nos.	115.58	22.16
309	4994100	Parts and accessories of motorcycles and side - cars	Nos.	115.58	66.34
					121.25
310	3814004	Furniture & fixture wooden	Nos.	0.41	0.41
					0.41
321	3899701	Ornaments imitation	Gramme	0.27	0.27
323	3626054	Sports goods rubber	Nos.	0.42	0.42
325	4291301	Blade, stainless steel	Nos.	7.38	0.48
325	4814000	Medical, surgical or laboratory sterilizers	Nos.	7.38	5.53
325	4831103	Lens, ophthalmic	Nos.	7.38	1.36
329	3891108	Pen body plastic	Nos.	1.15	0.38
329	3891123	Staplers	Th. Nos.	1.15	0.37
329	3896101	Handicraft / decorative fancy items	Nos.	1.15	0.40
					9.21

Part-II
Review
of
Index of Industrial Production
in
Haryana

REVIEW OF INDEX OF INDUSTRIAL PRODUCTION IN HARYANA 2020-21

The industry sector recorded an annual negative growth of -2.1 percent in 2020-21 over the previous year as the Index of Industrial Production decreased from 154.4 in 2019-20 to 151.2 in 2020-21. The sector-wise and group-wise details of IIP are given below: -

Manufacturing Sector

The Index of Manufacturing sector increased from 166.4 in 2019-20 to 158.1 in 2020-21 registering an annual negative growth of -5.0 percent over the previous year. The manufacture of Other manufacturing (32) recorded a growth of 269.2 percent, Manufacture of food products (10) recorded a growth of 11.8 percent, Manufacture of Basic metals (24) recorded a growth of 10.3 percent, Manufacture of Machinery equipment n.e.c (28) recorded a growth of 9.4 percent, Manufacture of tobacco products (12) recorded a growth of 8.7 percent, Manufacture of other transport equipment (30) recorded a growth of 8.1 percent, Manufacture of wearing apparel (14) recorded a growth of 1.3 percent respectively.

Electricity Sector

The Index of Electricity Sector decreased from 72.0 in 2019-20 to 61.9 in 2020-21 registering a negative growth of -13.9 percent over the previous year.

Index of Industrial Production at Major Group (2-digit level) of Manufacturing Sector:-

1 - Manufacture of Food Products (10)

The food manufacturing industries carry a weight of 83.50 in the Manufacturing sector. The index of this group decreased from 59.1 in 2019-20 to 52.1 in 2020-21 recorded a negative growth of -11.8 percent. The index of Husk (animal feed) has recorded a highest growth of 117.6 percent followed by refined sugar 47.1 percent, sugar 14.8 percent, black tea (CTC) 3.5 percent, rice basmati 1.9 percent.

The index of gola (cattle feed), dried vegetable, sauces; mixed condiments; other vegetable oils and fats, refined, milk, Butter and other fats and oils derived from milk of cattle, Guar kernel, Biscuits, sugar confectionery (including white chocolate), not containing cocoa, vegetables, fruit, nuts, fruit-peel and other parts of plants, preserved by sugar, mud/ molasses waste, Gola (cattle feed) recorded a negative growth respectively.

2 - Manufacture of Beverages (11)

The beverage carry a weight of 12.57 in the Manufacturing sector. The index of this group has decreased from 91.2 in 2019-20 to 77.9 in 2020-21 recorded a negative growth of -14.5 percent. The index of bear made from malt has recorded a highest growth of 0.9 percent. The index of Country Liquor and its variant, carbonated beverages other than soda water, country liquor and its variant, bear made from malt, whether or not roasted recorded a negative growth respectively.

3 - Manufacture of Tobacco Products (12)

Tobacco group carry a weight of only 0.75 in the Manufacturing sector. The index of this group has decreased from 246.7 in 2019-20 to 225.2 in 2020-21, recorded a negative growth of 8.4 percent. The index of other shelled nuts and Tobacco, chewing (scented or not) in this group recorded a negative growth respectively.

4 - Manufacture of Textiles (13)

The textiles industries carry a weight of 40.43 in the Manufacturing sector. The index of this group has decreased from 145.9 in 2019-20 to 142.8 in 2020-21 recorded a negative growth of 2.1 percent. The index of recorded man-made fiber fabrics highest growth of 142.6 percent, Blankets 52.4 percent, carpets and other textile floor covering, knotted 25.6 percent, carpets and other textile floor covering, tufted 14.6 percent, Lining cloth, cotton 8.3 percent. The index of cotton carded or combed, cotton fabrics, lining cloth, polyester fiber, terry towel, fabrics mixed, fabrics cotton, fabrics/cloth, yarn dyed, and cotton recorded a negative growth respectively.

5 - Manufacture of Wearing Apparel (14)

The wearing apparel industry has been assigned the weight of 49.68 in the 21 Manufacturing sector. The index of this group increased from 226.2 in 2019-20 to 229.2 in 2020-21 recorded a positive growth of 1.3 percent. The index of garments made up of textile fabrics impregnated has recorded a highest growth of 5.3 percent, garments cloth, cotton 1.8 percent. The index of garments made up of textile fabrics coated with other materials and recorded a negative growth respectively.

6 - Manufacture of Leather and related Products (15)

The leather industries have been allotted a weight of 27.44 in the Manufacturing sector. The index of this group has decreased 108.9 in 2019-20 to 106.4 in 2020-21 recorded

a negative growth of 2.3 percent. The index of footwear incorporating a protective metal toe-cap, except those covered in subclass 29320 recorded a highest growth of 36.9 percent followed by footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and misc. special footwear recorded a growth of 24.1 percent. The index of hand bag, artificial fur other sports footwear, except skating boots recorded a negative growth 32.5 percent respectively.

7 -Manufacture of Wood & Products of Wood & Cork, except Furniture, Manufacture of Articles of Straw & Plaiting Materials (16)

The wood industry has been assigned a weight of 3.09 in the Manufacturing sector. The index of this group has decreased from 312 in 2019-20 to 249.8 in 2020-21 recorded a negative growth of 19.9 percent. The index of wood cutting processed sized recorded a highest growth of 11.6 percent followed by plywood board growth of 9.1 percent. The index of wooden chips, plywood, plywood decorative recorded negative growth respectively.

8 - Manufacture of Paper and Paper Products (17)

The paper industries have been assigned the weight of 9.27 in the Manufacturing sector. The index of this group has decreased from 130.3 in 2019-20 to 77.8 in 2020-21 recorded a negative growth of 40.3 percent. The index of boxes, corrugated sheet, paper, printing & writing, paper polythene coated, sheet laminated plastic recorded a negative growth respectively.

9 - Printing and Reproduction of Recorded Media (18)

The printing and reproduction of recorded media carry a weight of 4.16 in the Manufacturing sector. The index of this group decreased from 185.9 in 2019-20 to 159.5 in 2020-21 recorded a negative growth of 14.2 percent. The index of books and waste paper recorded a negative growth of respectively.

10 - Manufacture of Coke, Refined Petroleum Products (19)

The petroleum industries carry a weight of 0.41 only. The index of this group decreased from 175.4 in 2019-20 to 104.8 in 2020-21, recorded a positive growth of 40.2 percent. The index of The index of nitrogen liquid, oxygen liquid & argon gas recorded a negative growth of respectively.

11 - Manufacture of Chemical and Chemical Products (20)

The chemical and chemical products industry group carry a weight of 23.19 in the Manufacturing sector. The index of this group decreased from 145.3 in 2019-20 to 85.5 in

2020-21 recorded a negative growth of 41.1 percent. The index of The index of urea, primer, stoving, synthetic, paint, bitumen, paint, plastics emulsion, recorded a negative growth respectively.

12 - Manufacture of Pharmaceuticals, Medicinal Chemical and Botanical Products (21)

The pharmaceuticals industries carry a weight 13.35 in the Manufacturing sector. The index of this group decreased from 92.6 in 2019-20 to 38.8 in 2020-21 with a negative growth of 58.0 percent. The vaccine for ointments, allopathic, anti diabetic drugs excl. insulin (metformin, pioglitazone, glimepiride etc.), glues and gelatin, peptones and their derivatives and related products; caseinates and other casein derivatives; albuminates and other albumin derivatives, veterinary medicine, bandage including adhesive gauze bandage recorded negative growth respectively.

13 - Manufacture of Rubber and Plastics Products (22)

The rubber and plastic industries have been assigned a weight of 22.53. The index of this group decreased from 118.5 in 2019-20 to 37.4 in 2020-21 with a negative growth of 68.4 percent. The index of unsaturated polyester resin, parts of footwear, removable insoles, heel cushions and similar articles, gaiters, leggings and similar articles and parts, plastic bag, rubber cloth/sheet, button moulds and other parts of button, button blanks, parts of slide fasteners, component plastic, conveyor belts, rubber break lining, tyre tractor, button plastic recorded a negative growth respectively.

14 - Manufacture of other Non-Metallic Mineral Products (23)

This industry group carry a weight of 18.73 in the Manufacturing sector. The index of this group has decreased from 168.1 in 2019-20 to 142.5 in 2020-21 recorded a negative growth of 15.2 percent. The index of glass components recorded highest growth of 128.2 percent followed by cement, white 41.4 percent. The index of fiber glass sheet/board, sanitary ware others of iron and steel, ceramic tiles, stone dust/powder cement, others products, tiles, flagstones, bricks and similar articles, of cement, concrete or artificial stone, asbestos, corrugated sheet, cement, portland recorded a negative growth respectively.

15 - Manufacture of Basic Metals (24)

The basic metal group carry a weight of 48.60 in the Manufacturing sector. The index of this group has increased from 94.5 in 2019-20 to 104.2 in 2020-21 recorded a positive growth of 10.26 percent. The index recorded a highest positive growth of plats hot rolled 86.1

percent followed by copper wire bars, refined 21.9 percent, aluminum circles alloyed 5.7 percent, copper zinc base alloys, brass 5.4 percent. The index of aluminum ingots, tubes, pipes of stainless steel, cold finished/formed of flat rolled, cast iron, CR sheet 1t 600mm, aluminum profile hollow recorded a negative growth respectively.

16 - Manufacture of Fabricated Metal Products, Except Machinery and Equipment (25)

The fabricated metal products industry carry a weight of 32.54 in the Manufacturing sector. The index of this group decreased from 169.1 in 2019-20 to 121.4 in 2020-21 recorded a negative growth of 28.2 percent. The index recorded a highest growth of tower for transmission lines of iron and steel 83.0 percent. The index of link forging, utensils of iron (other than cast iron) or steel, enameled, liquefied petroleum gas (LPG) cylinders of iron and steel, machine screw iron and steel, bolts, screws, nuts, iron/steel, grease guns excl compressed air type, heavy machinery for fabrication, forging, die stamping machines incl. presses and hammers, recorded a negative growth respectively.

17 - Manufacture of Computer, Electronic and Optical Products (26)

This industry group carry a weight of 11.16 in the Manufacturing sector. The index of this group has decreased from 286.6 in 2019-20 to 255.2 in 2020-21, recorded a negative growth of 10.9 percent. The index of electro-diagnostic apparatus used in medical, surgical, dental recorded the highest growth of 5.9 percent. The index of biological microscope, drafting tables and machines, and other drawing, marking out or mathematical calculating instruments, film polyester (metalized), instruments and apparatus (except cathode-ray oscilloscopes and oscillograph) for telecommunications, meter, electric-others, audio cd/dvd player, optical components recorded a negative growth respectively.

18- Manufacture of Electrical Equipment (27)

The electrical equipment industries carry a weight of 58.22 in the Manufacturing sector. The index of this industry group decreased from 265.1 in 2019-20 to 251.2 in 2020-21, recorded a negative growth of 5.2 percent. The index of cable, pvc insulated recorded the highest growth of 281.9 percent followed by motor, fan 179.8 percent. The index of wire, stainless steel, electrode quality, parts of electric motors, generators and the like, parts of electricity distribution or control apparatus, optical fiber cables, made up of individually sheathed fibers, cable, rubber insulated, boards, consoles, cabinets and other bases, equipped with electrical switching etc. apparatus, for electric control of the distribution of electricity, for a voltage exceeding 1000v, light fitting accessories, fabricated metal products, fluorescent tubes recorded a negative growth respectively.

19 - Manufacture of Machinery and Equipment (28)

The machinery equipment industry carry a weight of 106.6 in the Manufacturing sector. The index of this group has increased from 203.8 in 2019-20 to 222.9 in 2020-21 with a positive growth of 9.3 percent. The tamping machines and road rollers, self-propelled has recorded a highest growth of 207.0 percent followed by parts of agricultural machinery 52.6 percent, internal combustion piston engines, cultivators, other than for motor vehicles and aircraft 30.8 percent, bearing, steel 11.1 percent, filter for beverages 5.5. The index of diamond tools, book binding machinery, machinery for type-setting and the for offset printing machines for uses ancillary to printing (except office type sheet-fed), acephate/speedometer, offset printing machines, other agricultural tractors, scrap cast iron, hydraulic equipment, water pump, AC motor car compressor used in refrigerator, air conditioner-window/wall, recorded as negative growth respectively.

20 - Manufacture of Motor Vehicles, Trailers and Semi-Trailers (29)

This industry group carry highest weight of 230.72 in the Manufacturing sector. The index of this group decreased from 187.7 in 2019-20 to 174.3 in 2020-21 recorded a negative growth of 7.1 percent. The parts and accessories for engine assembly parts has recorded highest growth of 268.9 percent followed by leaf spring for motor vehicles 251.4 percent, parts of petrol engine for motor vehicle 140.4 percent, gear case assemblies 134.2 percent, shafts, all kinds 62.6 percent, seat for motor vehicle 46.3 percent, trailers and semi trailer of caravan type, for housing or camping 14.3.

The index of locks used in motor vehicles, mini bus/bus-complete, the goods of subclass 49211, gear box motor vehicles, steering gear control system silencer, spring pins, axel, air break sets, shock absorbers, exhaust tubes, auto door rubber fittings, recorded a negative growth respectively.

21 - Manufacture of Other Transport Equipment (30)

The other transport equipment industry has assigned a weight of 121.25 in the Manufacturing sector. The index of this group increased from 110.8 in 2019-20 to 119.7 in 2020-21 recorded a positive growth of 8.03 percent. The parts of motor cycle/moped/cycle has recorded highest growth of 48.3 percent. The index of tracks, railway/tramway tracks, parts and accessories of motorcycles and side cars recorded a negative growth respectively.

22 - Manufacture of Furniture (31)

The furniture industry carry a weight of 0.41 only in the Manufacturing sector. This group contained only one product i.e. furniture and fixture wooden with a negative growth of 35.6 percent.

23 - Other Manufacturing (32)

The other manufacturing industry group has been assigned a weight of 9.21 in the Manufacturing sector. The index of this group has increased from 232.9 in 2019-20 to 859.6 in 2020-21 recorded as positive growth of 269.0 percent. The staplers has recorded highest growth of 635.9 percent followed by medical surgical or laboratory sterilizers 187.2 percent, lens, ophthalmic 19.9 percent. The index of sports goods rubber, electricity, handicraft/decorative fancy items, pen body plastic, blade, stainless steel, ornaments imitation has recorded as negative growth respectively.

Table-2.1

Annual Index of Industrial Production in Haryana at Sector Level

Base year 2011-12=100

Sector	Weight	Index	
		2019-20	2020-21
1	2	5	4
Manufacturing	927.83	166.4 (15.0)	158.1 (-5.0)
Electricity	72.17	72.0 (-31.9)	61.9 (-13.9)
General Index	1000.00	154.4 (8.8)	151.2 (-2.1)

Note :- Figures in brackets are percentage increase/decrease over the previous year.

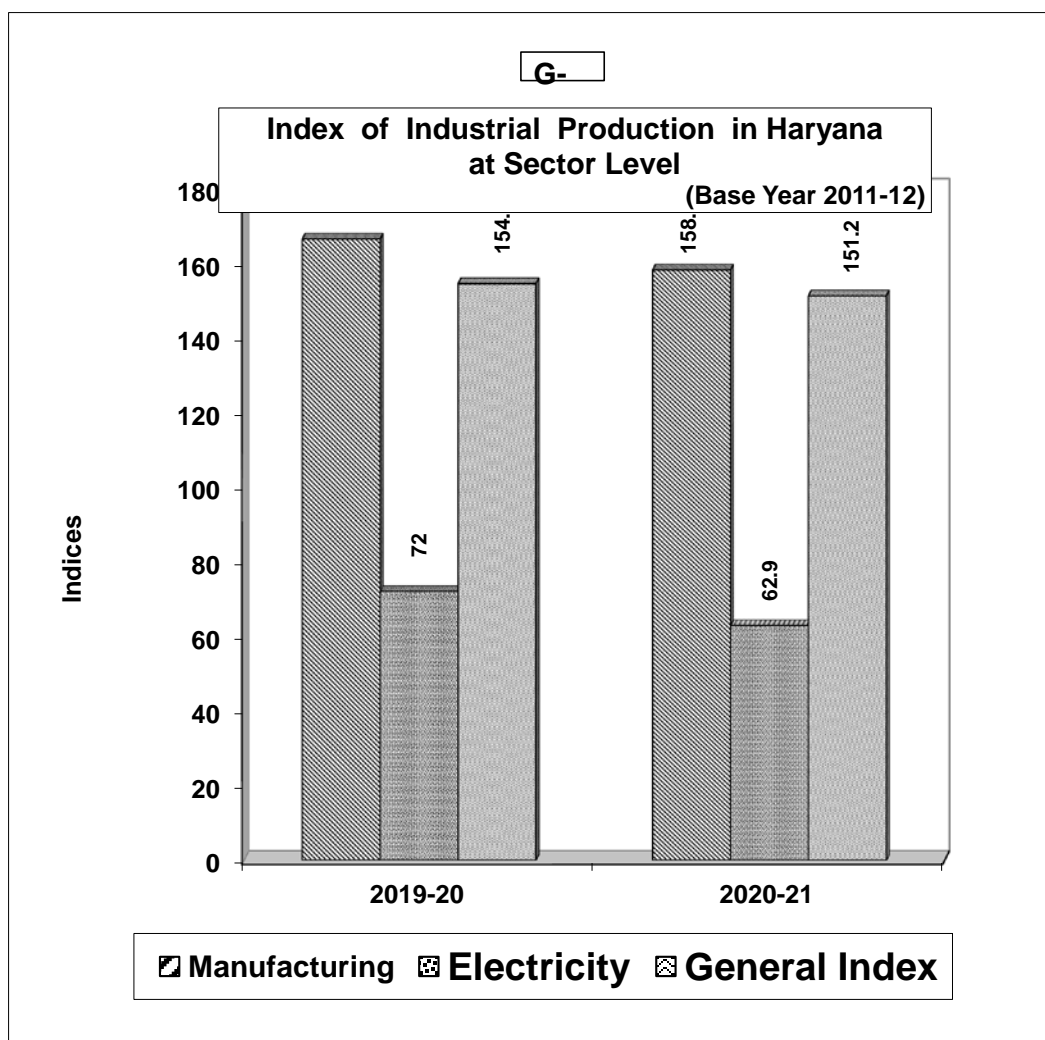


Table-2.2

Annual Index of Industrial Production in Haryana at Group Level

NIC Code 2008	Industry Group	Weight	Base year 2011-12 =100 INDEX	
			2019-20	2020-21
1	2	3	4	5
10	Manufacture of Food Products	83.50	59.1 (5.0)	52.1 (-11.8)
11	Manufacture of Beverages	12.57	91.2 (17.7)	77.9 (-14.6)
12	Manufacture of Tobacco Products	0.75	246.7 (-14.6)	225.2 (-8.7)
13	Manufacture of Textiles	40.43	145.9 (-9.4)	142.8 (-2.1)
14	Manufacture of Wearing Apparel	49.68	226.2 (1.1)	229.2 (1.3)
15	Manufacture of Leather and related Products	27.44	108.9 (-3.2)	106.4 (-2.3)
16	Manufacture of Wood & Products of Wood & Cork, except Furniture; Manufacture of Articles of Straw & Articles of Straw & Plaiting Materials	3.09	312.0 (-3.8)	249.8 (-19.9)
17	Manufacture of Paper & Paper Products	9.27	130.3 (0.5)	77.8 (-40.3)
18	Printing and Reproduction of Recorded Media	4.16	185.9 (-16.7)	159.5 (-14.2)
19	Manufacture of Crude and Refined Petroleum Products	0.41	175.4 (16.6)	104.8 (-40.3)
20	Manufacture of Chemical and Chemical Products	23.19	145.3 (-4.3)	85.5 (-41.2)
21	Manufacture of Pharmaceuticals, Medicinal Chemical and Botanical Products	13.35	92.6 (0.2)	38.8 (-58.1)
22	Manufacture of Rubber and Plastics Products	22.53	118.5 (12.7)	37.4 (-68.4)
23	Manufacture of other Non-Metallic Products	18.73	168.1 (8.5)	142.5 (-15.2)
24	Manufacture of basic metals	48.6	94.5 (-12.4)	104.2 (10.3)

Table-2.2 (Contd.)

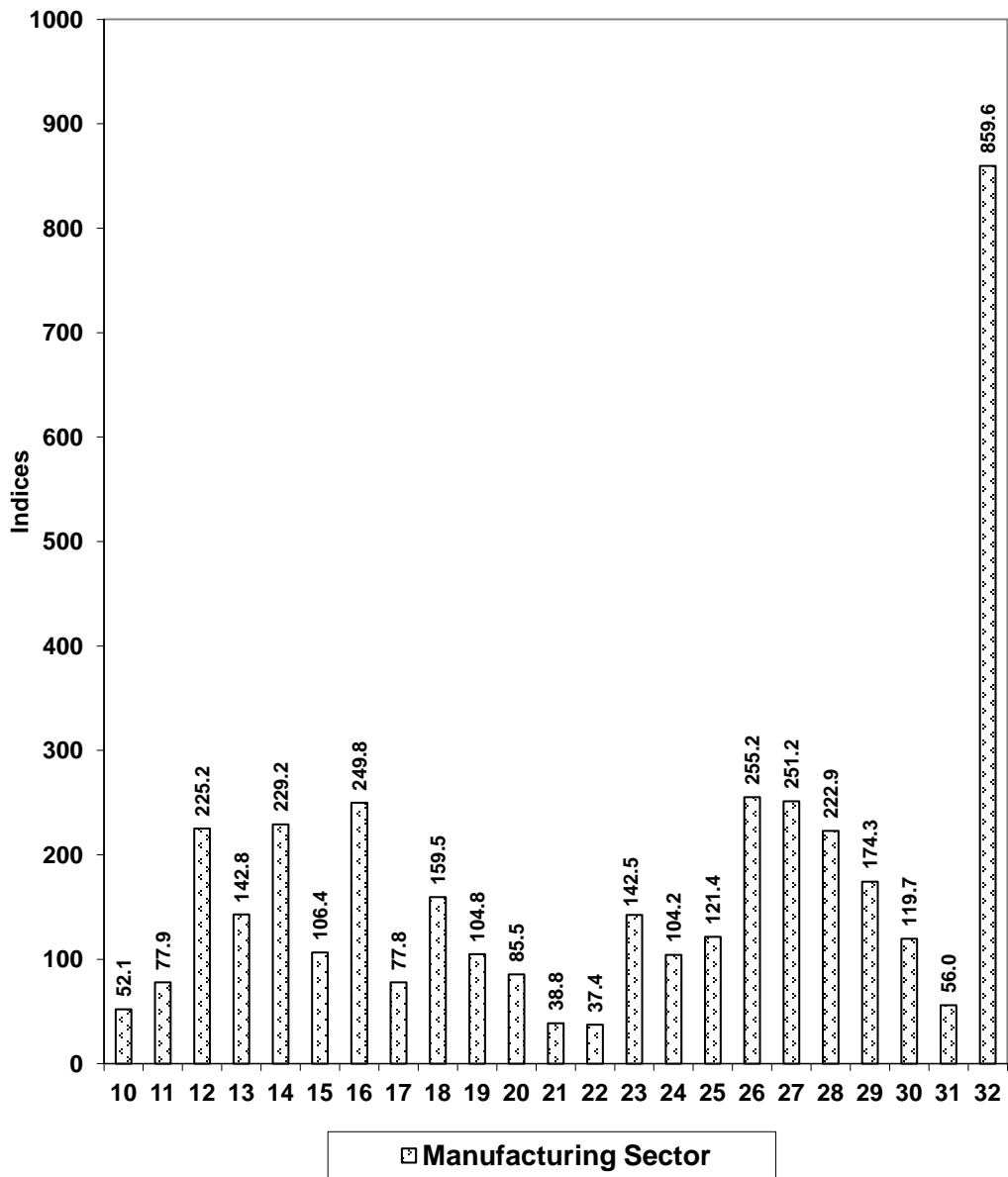
Annual Index of Industrial Production in Haryana at Group Level

NIC Code 2008	Industry Group	Weight	Base year 2011-12 =100	
			INDEX	
1	2	3	2019-20	2020-21
25	Manufacture of fabricated metal product except machinery & equipment	32.54	169.1 (8.7)	121.4 (-28.2)
26	Manufacture of computer, electronic and optical products	11.15	286.6 (13.1)	255.2 (-11.0)
27	Manufacture of electrical equipment	58.22	265.1 (50.9)	251.2 (-5.2)
28	Manufacture of machinery equipment	106.63	203.8 (-9.3)	222.9 (9.4)
29	Manufacture of motor vehicles, trailers and semi trailers	230.72	187.7 (26.2)	174.3 (-7.1)
30	Manufacture of other transport equipment	121.25	110.8 (14.2)	119.7 (8.0)
31	Manufacture of furniture	0.41	87.7 (13.5)	56.0 (-36.1)
32	Other Manufacturing	9.21	232.9 (49.9)	859.6 (269.1)
	Manufacturing	927.83	166.4 (15.0)	158.1 (-5.0)
	Electricity	72.17	72.0 (-31.9)	61.9 (-14.0)
	General Index	1000	154.4 (8.8)	151.2 (-2.1)

Note :- Figures in brackets are percentage increase/decrease over the previous year.

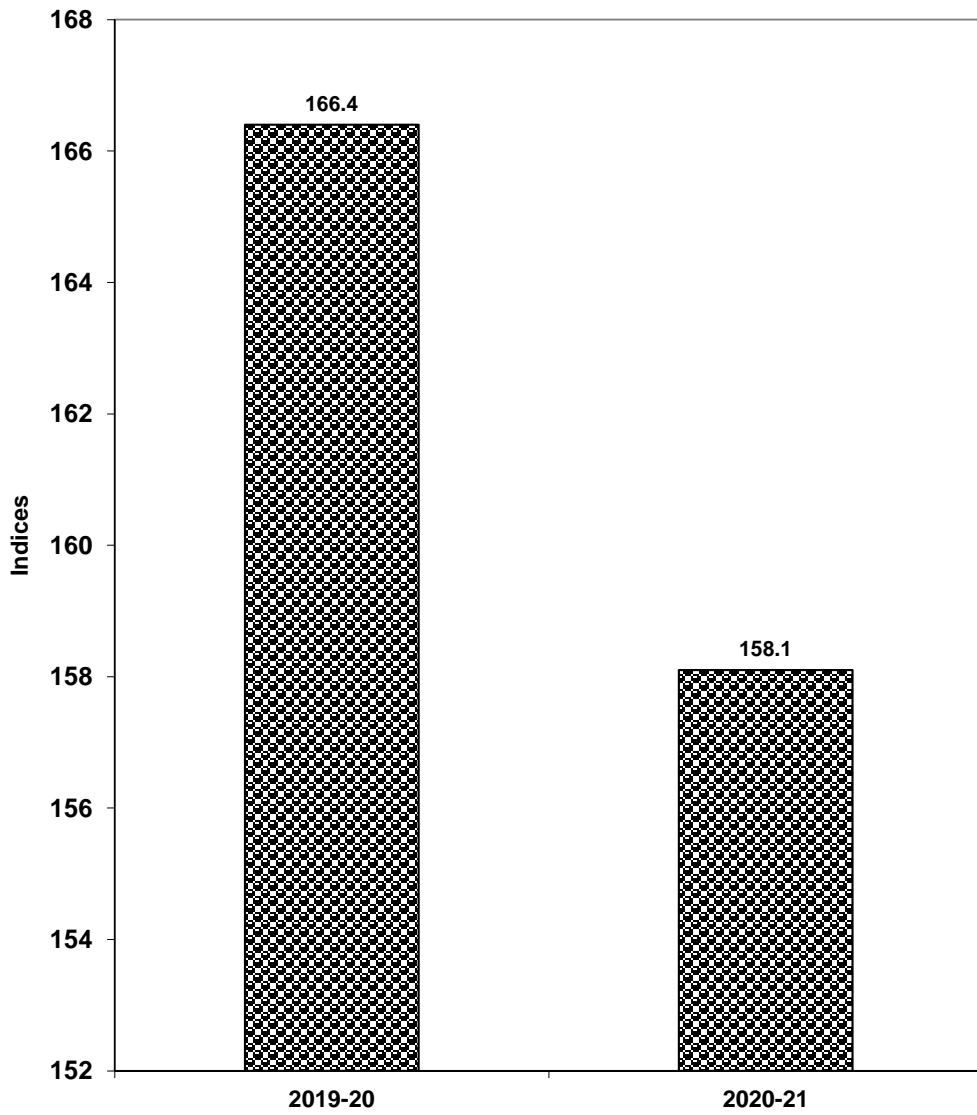
G-2.2

**Index of Industrial Production in Haryana
Manufacturing Sector 2020-21 at 2 digit level**
(Base Year 2011-12)



G-2.2 (i)

**Index of Industrial Production in Haryana
Manufacturing Sector**
(Base Year 2011-12)

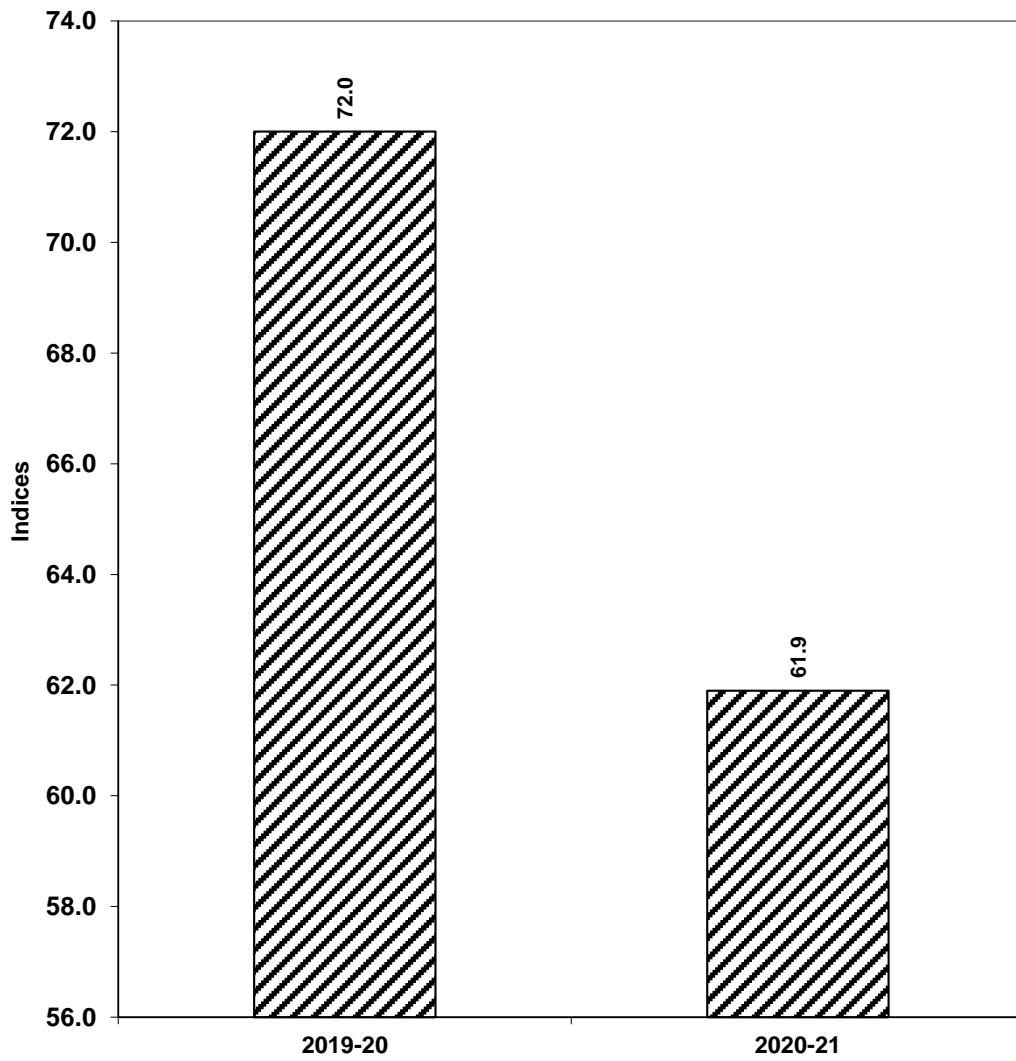


■ Manufacturing Sector

G-2.2 (ii)

**Index of Industrial Production in Haryana
Electricity Sector**

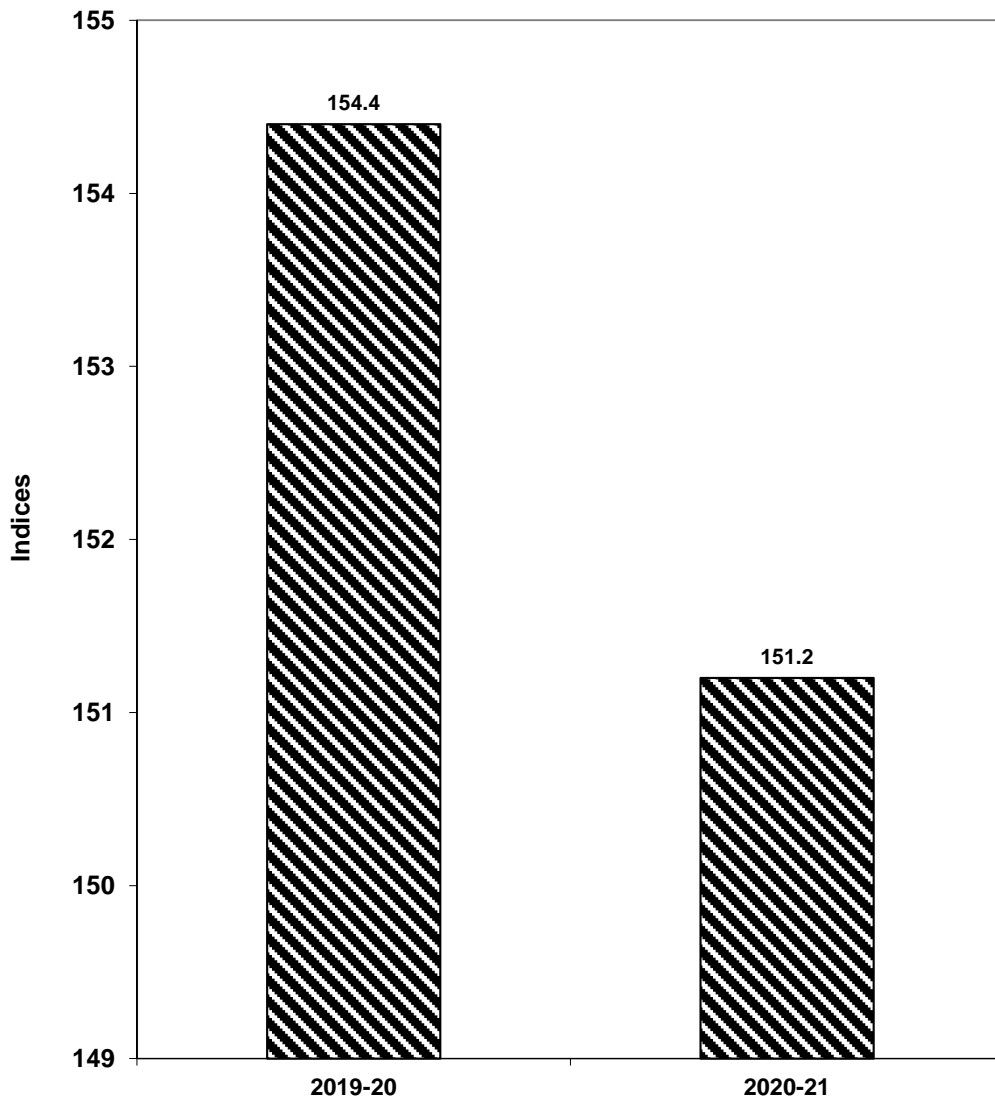
(Base Year 2011-12)



▣ Electricity Sector

G-2.2 (iii)

General Index of Industrial Production in Haryana
(Base year 2011-12)



General Index

Table 2.3

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
10- Manufacture of Food Products				83.50	59.1	52.1
					(5.0)	(-11.8)
1	103	2139300	Dried vegetables	0.26	68.3	3.1
					-(25.9)	(-95.5)
2	103	2399500	Sauces; mixed condiments; mustard flour and meal; prepared mustard	0.35	51.5	49.9
					-(28.6)	(-3.1)
3	104	2159001	Other vegetable oils and fats, refined	1.02	81.7	54.6
					-(55.3)	(-33.2)
4	105	2221200	Skim milk and whey powder	0.74	163.6	15.7
					-(47.8)	(-90.4)
5	105	2222902	Milk	1.92	286.5	117.9
					(120.9)	(-58.8)
6	105	2224100	Butter and other fats and oils derived from milk of cattle	1.34	4.2	2.8
					-(97.0)	(-33.3)
7	106	2316201	Rice basmati	56.51	41.2	42.0
					(39.3)	(1.9)
8	106	3913004	Guar kernel	9.21	17.1	14.3
					-(52.6)	(-16.4)
9	107	2321011	Sugar	2.02	65.3	75.0
					(0.7)	(14.9)
10	107	2342001	Biscuits	1.41	76.4	0.6
					(15.0)	(-99.2)
11	107	2352000	Refined sugar	2.89	207.4	305.1
					-(27.3)	(47.1)
12	107	2367000	Sugar confectionery (incl. white chocolate) not containing cocoa; vegetables, fruit, nuts, fruit-peel & other part of plants, preserved by sugar	3.04	112.3	4.3
					(20.7)	(-96.2)
13	107	2391301	Black tea (CTC)	1.09	348.5	360.7
					(91.3)	(3.5)
14	107	3912006	Mud / molasses waste	0.89	65.7	34.5
					-(73.9)	(-47.5)
15	108	3912004	Gola (cattle feed)	0.17	53.0	45.5
					-(14.0)	(-14.2)
16	108	3912005	Husk (animal feed)	0.63	37.2	81.0
					-(41.4)	(117.7)
11- Manufacture of Beverages				12.57	91.2	77.9
					-(17.7)	(-14.6)
17	110	2413101	Country liquor and it variant	3.65	84.5	79.1
					(0.2)	(-6.4)
18	110	2431000	Beer made from malt	2.46	85.8	86.6
					-(4.3)	(0.9)
19	110	2432000	Malt, whether or not roasted	1.46	77.6	69.5
					-(12.1)	(-10.4)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
20	110	2449002	Soft drink, carbonated beverage other than soda water	3.72	103.5	99.8
					(1.8)	(-3.6)
21	110	3413104	Rectified spirit	1.29	99.8	3.8
					(21.7)	(-96.2)
12- Manufacture of Tobacco Products				0.75	246.7	225.2
					(-17.7)	(-8.7)
22	120	2142900	Other shelled nuts	0.10	148.3	139.7
					(-5.8)	(-5.8)
23	120	2501005	Tobacco, chewing (scented or not)	0.65	261.6	238.2
					(-15.7)	(-8.9)
13- Manufacture of Textiles				40.43	145.9	142.8
					12.0	(-2.1)
24	131	2616000	Cotton, carded or combed	2.54	142.3	91.8
					158.6	(-35.5)
25	131	2632000	Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale	1.66	328.8	126.8
					180.6	(-61.4)
26	131	2636003	Yarn dyed, cotton	3.02	36.9	32.0
					(-89.3)	(-13.3)
27	131	2669004	Cotton fabrics	0.91	709.7	415.1
					118.2	(-41.5)
28	131	2669010	Fabrics, cotton	2.13	68.1	42.7
					(-58.9)	(-37.3)
29	131	2669024	Lining cloth, cotton	2.18	440.2	476.9
					(66.9)	(8.3)
30	131	2671002	Fabrics, mixed	1.43	108.1	97.9
					(-47.0)	(-9.4)
31	131	2671005	Fabrics, polyester fibre	1.62	0.0	0.0
					(0.0)	(0.0)
32	131	2671013	Man-made fibre fabrics	2.16	29.2	70.8
					(-86.8)	(142.5)
33	139	2671008	Fabrics/cloth	2.08	107.7	101.5
					(-59.8)	(-5.8)
34	139	2684002	Terry towell (cotton)	2.70	44.1	28.4
					(-34.4)	(-35.6)
35	139	2711001	Blankets	1.35	18.5	28.2
					(-93.9)	(52.4)
36	139	2721000	Carpets & other textile floor coverings knotted	4.64	369.8	464.5
					(1.9)	(25.6)
37	139	2723000	Carpets and other textile floor coverings, tufted	12.02	69.1	79.2
					169.3	(14.6)
14- Manufacture of Wearing Apparel				49.68	226.2	229.2
					(-7.2)	(1.3)
38	141	2669012	Garment cloth, cotton	6.68	103.9	105.7
					(-28.8)	(1.7)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
39	141	2825001	Garments made up of textile fabrics coated with other materials	30.01	265.6 (-10.8)	265.5 (-0.0)
40	141	2825004	Garments made up of textile fabrics impregnated	12.98	198.2 (112.5)	208.8 (5.3)
15-Manufacture of Leather and Related Products				27.44	108.9 (-3.2)	106.4 (-2.3)
41	151	2833006	Hand bag, artificial fur	3.50	157.2 (11.6)	56.1 (-64.3)
42	152	2933000	Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear	4.32	130.7 10.0	162.3 (24.2)
43	152	2949000	Other sports footwear, except skating boots	3.39	231.3 (-20.9)	156.1 (-32.5)
44	152	2951000	Footwear incorporating a protective metal toe-cap, except those covered in subclass 29320	16.24	67.2 0.0	92.0 (36.9)
16- Manufacture of Wood & Products of Wood & Cork, except Furniture; Manufacture of Articles of Straw & Articles of Straw & Plaiting Materials				3.09	312.0 (-3.8)	249.8 (-19.9)
45	161	3110005	Wood cutting processed sized	0.04	4.4 (-90.2)	4.9 (11.4)
46	161	3110014	Wooden chips	0.02	793.5 (302.7)	733.8 (-7.5)
47	162	3141001	Plywood board	1.14	215.5 (-7.5)	235.1 (9.1)
48	162	3142001	Plywood decorative	0.79	632.5 6.7	518.7 (-18.0)
49	162	3151001	Plywood	1.10	182.4 (-23.2)	70.4 (-61.4)
17- Manufacture of Paper & Paper Products				9.27	130.3 (0.5)	77.8 (-40.3)
50	170	3212924	Paper, printing & writing	5.87	147.8 5.5	71.0 (-52.0)
51	170	3214917	Paper polythene coated	0.65	61.1 (-54.9)	52.6 (-13.9)
52	170	3219900	Other paper, paperboard, cellulose wadding and webs of cellulose fibres, cut to size or shape; cigarette paper, in booklets or tubes, or in rolls of a width not exceeding 5 cm; of other articles of paper pulp, paper, paperboard, cellulose wadding or webs	0.64	98.1 (-12.8)	94.8 (-3.4)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
53	170	3215301	Boxes, corrugated sheet	0.95	227.5	200.4
					224.6	(-11.9)
54	170	3633021	Sheet laminated plastic	1.16	18.5	16.7
					(-86.0)	(-9.7)
18- Printing and Reproduction of Recorded Media				4.16	185.9	159.5
					(-16.7)	(-14.2)
55	181	3229901	Books	3.73	202.3	174.3
					(-11.1)	(-13.8)
56	181	3924001	Waste paper	0.43	44.1	32.4
					(-75.8)	(-26.5)
19- Manufacture of Crude and Refined Petroleum Products				0.41	175.4	104.8
					(16.6)	(-40.3)
57	192	1720001	Argon gas	0.05	40.2	0.2
					(-64.4)	(-99.5)
58	192	3421010	Nitrogen, liquid	0.13	300.4	113.5
					(55.9)	(-62.2)
59	192	3421013	Oxygen liquid	0.23	136.1	122.2
					(-1.7)	(-10.2)
20- Manufacture of Chemical and Chemical Products				23.19	145.3	85.5
					(-4.3)	(-41.2)
60	201	3461100	Urea	4.33	155.0	13.6
					30.1	(-91.2)
61	202	1533003	Bitumen	2.93	87.1	11.7
					(-5.3)	(-86.6)
62	202	3511064	Paint	8.61	191.4	177.3
					(3.4)	(-7.4)
63	202	3511070	Paints, plastic emulsion	3.96	85.9	5.5
					(-52.4)	(-93.6)
64	202	3511079	Primer, stoving, synthetic	3.04	150.1	112.5
					(6.3)	(-25.0)
65	203	3699015	Rexin	0.33	0.0	0.0
					(0.0)	(0.0)
21- Manufacture of Pharmaceuticals, Medicinal Chemical and Botanical Products				13.35	92.6	38.8
					(0.1)	(-58.1)
66	210	3526011	Antidiabetic drugs excl.insulin	1.69	343.9	1.7
					9.5	(-99.5)
67	210	3526062	Ointments, allopathic	6.66	44.2	37.5
					48.8	(-15.2)
68	210	3527080	Vaccine for veterinary medicine	1.54	116.3	81.9
					(-29.1)	(-29.6)
69	210	3529005	Bandage including adhesive gauze bandage	1.39	77.0	49.8
					(-41.6)	(-35.3)
70	210	3542000	Glues & gelatine, peptones & their derivatives & related product caseinates & other casein derivatives; albuminates & other albumin derivatives	2.07	36.1	34.0
					(6.2)	(-5.8)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
22- Manufacture of Rubber and Plastic/Products				22.53	118.5	37.4
					(12.7)	(-68.4)
71	221	2799802	Conveyor belts	5.23	1.6	0.0
					(10.3)	(-100.0)
72	221	3611103	Tyre tractor	6.79	106.8	0.7
					(-16.2)	(-99.3)
73	221	3626046	Rubber cloth/sheet	2.41	155.0	64.7
					26.5	(-58.3)
74	221	4994205	Rubber brake lining	1.88	148.2	93.9
					(1.7)	(-36.6)
75	222	2960000	Parts of footwear; removable insoles, heel cushions and similar articles; gaiters, leggings & similar articles, and parts thereof	0.52	163.7	134.5
					(47.9)	(-17.8)
76	222	3474010	Unsaturated polyester resin	0.85	708.6	272.8
					(91.3)	(-61.5)
77	222	3641008	Plastic bag	0.71	174.7	169.2
					34.5	(-3.1)
78	222	3699004	Button plastic	0.78	32.4	0.6
					(-64.0)	(-98.1)
79	222	3699007	Components plastic	1.93	155.8	43.2
					11.8	(-72.3)
80	222	3892400	Button moulds and other parts of buttons; button blanks; parts of slide fasteners	1.42	103.3	0.1
					20.3	(-99.9)
23- Manufacture of other Non-Metallic Products				18.73	168.1	142.5
					(8.5)	(-15.2)
81	231	3711205	Glass components	3.72	43.3	98.9
					(-58.9)	(128.4)
82	231	3712103	Fibre glass sheet/board	0.79	532.4	344.5
					289.5	(-35.3)
83	239	1532007	Stone dust/powder	1.69	322.9	306.9
					(15.1)	(-5.0)
84	239	3731005	Ceramic tiles	2.35	178.0	116.6
					(29.2)	(-34.5)
85	239	3744001	Cement, white	2.96	196.8	278.4
					(-14.2)	(41.5)
86	239	3744007	Cement, others products	0.88	63.0	54.7
					(-19.2)	(-13.2)
87	239	3744008	Cement, portland	2.27	17.4	17.0
					(-84.3)	(-2.3)
88	239	3754000	Tiles, flagstones, bricks and similar articles, of	2.15	144.3	60.2
					(-23.8)	(-58.3)
89	239	3757001	Asbestos , corrugated sheet	0.83	479.8	233.5
					(469.7)	(-51.3)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
90	239	4291104	Sanitary ware others of iron and steel	1.08	207.5	0.1
					77.5	(-100.0)
24- Manufacture of Basic Matels				48.60	94.5	104.2
					(0.0)	(10.3)
91	241	4121102	Plates, hot rolled	19.63	59.9	111.5
					43.9	(86.1)
92	241	4122201	C R sheet l t 600 mm	3.12	45.1	36.6
					-(65.5)	(-18.8)
93	241	4125106	Cold finished/formed of flat rolled products	14.95	111.3	85.3
					(7.8)	(-23.4)
94	242	4141304	Copper wire bars, refined	0.63	632.0	770.2
					(59.2)	(21.9)
95	242	4141305	Copper zinc base alloys, brass	1.07	41.5	43.7
					-(48.6)	(5.3)
96	242	4143102	Aluminium ingots	0.65	167.8	132.5
					93.1	(-21.0)
97	242	4153201	Aluminium alloys profile hollow	0.43	94.5	62.6
					-(18.6)	(-33.8)
98	242	4153402	Aluminium circles alloyed	1.01	93.9	99.2
					-(85.2)	(5.6)
99	243	4111102	Cast iron	0.74	193.6	122.3
					-(4.0)	(-36.8)
100	243	4128104	Tubes, pipes of stainless steel	6.37	122.8	102.3
					32.1	(-16.7)
25- Manufacture of Fabricated Metal Products, except Machinery and Equipment				32.54	169.1	121.4
					(8.7)	(-28.2)
101	251	3870206	Heavy machinery for fabrication	0.45	260.4	219.4
					-(13.9)	(-15.7)
102	251	4211007	Towers for transmission lines of iron & steel	0.83	152.1	278.3
					-(3.7)	(83.0)
103	251	4222005	Liquefied petroleum gas (LPG) cylinders of iron and steel	3.76	251.0	50.6
					(9.3)	(-79.8)
104	259	4291214	Utensils of iron (other than cast iron) or steel, enamelled	13.99	209.3	205.9
					(12.7)	(-1.6)
105	259	4292110	Grease guns excl compressed air type	1.97	193.0	15.9
					(1.7)	(-91.8)
106	259	4294403	Bolts, screws, nuts, iron /steel	3.61	108.6	20.8
					(5.1)	(-80.8)
107	259	4294413	Machine screw iron and steel	3.55	59.6	46.9
					6.7	(-21.3)
108	259	4421706	Forging, die stamping machines incl. Presses and hammers	1.66	52.9	44.9
					(-26.8)	(-15.1)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
109	259	4412701	Link forging	2.71	115.8 (17.7)	74.4 (-35.8)
26- Manufacture of Computer, Electronic and Optical Products				11.15	286.6 (13.1)	255.2 (-11.0)
110	261	3633010	Film polyester (metalised)	2.17	354.1 (17.3)	329.2 (-7.0)
111	261	4713002	Electronic p c b /micro circuit	0.58	67.9 (9.9)	43.7 (-35.6)
112	263	4824400	Instruments and apparatus (except cathode-ray oscilloscopes and oscillographs) for telecommunications	5.95	317.6 (3.9)	309.2 (-2.6)
113	264	4769103	Audio cd/dvd player	0.11	155.6 (-18.5)	119.3 (-23.3)
114	265	4823200	Drafting tables and machines, and other drawing, marking-out or mathematical calculating instruments	0.62	225.8 (32.6)	2.5 (-98.9)
115	265	4824303	Meter, electric -others	1.24	215.9 103.0	154.1 (-28.6)
116	266	4812100	Electro-diagnostic apparatus, used in medical, surgical, dental	0.00	148.7 (-9.2)	157.5 (5.9)
117	267	4831301	Optical components	0.12	141.1 (-37.3)	109.9 (-22.1)
118	267	4826101	Biological microscope	0.36	165.4 73.7	137.9 (-16.6)
27- Manufacture of Electrical Equipment				58.22	265.1 (50.9)	251.2 (-5.2)
119	271	4613100	Parts of electric motors, generator & the like	7.64	380.7 142.8	371.8 (-2.3)
120	271	4621400	Boards, consoles, cabinets & other bases, equipped with electrical switching etc. apparatus, for electric control or the distribution of electricity, for a voltage exceeding 1000 v	4.85	120.6 (-15.8)	67.7 (-43.9)
121	271	4622000	Parts of electricity distribution or control apparatus	24.72	246.5 (93.6)	244.9 (-0.6)
122	273	3870203	Fabricated metal products	1.33	2498.4 (437.3)	2321.7 (-7.1)
123	273	4126701	Wire, stainless steel, electrode quality	0.81	365.0 166.9	315.5 (-13.6)
124	273	4632003	Cable, pvc insulated	1.61	23.6 (-88.8)	90.3 (282.6)
125	273	4632004	Cable, rubber insulated	0.36	90.0 (-7.8)	53.4 (-40.7)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
126	274	4653101	Light fitting accessories	5.47	251.4	137.8
					(-37.6)	(-45.2)
127	274	4653901	Fluorescent tubes	2.00	9.7	6.4
					(-94.3)	(-34.0)
128	275	4611205	Motors, fan	5.84	44.8	125.4
					(-75.2)	(179.9)
129	279	4636000	Optical fibre cables made up of individually sheathed fibres	3.60	141.3	110.3
					3.8	(-21.9)
28- Manufacture of Machinery Equipment				106.63	203.8	222.9
					(-9.3)	(9.4)
130	281	3466102	Acephate / speedometer	10.10	233.0	231.2
					(81.9)	(-0.8)
131	281	3934002	Scrap cast iron	1.46	182.2	109.5
					(30.1)	(-39.9)
132	281	4311000	Internal combustion piston engines, other than for motor vehicles and aircraft	6.48	54.3	71.0
					(-49.9)	(30.8)
133	281	4322022	Water pump	2.25	83.1	49.9
					(16.4)	(-40.0)
134	281	4323003	Compressors used in refrigerator	6.64	24.4	17.4
					(-19.5)	(-28.7)
135	281	4391203	Air conditioner-window/wall	10.16	451.5	396.5
					(-52.7)	(-12.2)
136	281	4826601	Hydraulic equipment	2.53	257.7	208.1
					(27.6)	(-19.2)
137	281	4911301	Ac motor car	9.77	103.9	65.0
					4.8	(-37.4)
138	281	4912908	Bearing, steel	1.74	295.4	328.1
					(7.6)	(11.1)
139	282	3823007	Diamond tools	1.72	291.1	278.4
					(218.4)	(-4.4)
140	282	4391402	Filters for beverages	1.86	0.2	0.2
					(-16.2)	(0.0)
141	282	4411201	Cultivators	1.95	473.1	357.3
					(334.5)	(-24.5)
142	282	4414900	Other agricultural tractors	39.04	317.5	305.9
					(44.1)	(-3.7)
143	282	4419900	Parts of agricultural machinery	1.87	119.5	182.4
					(-94.7)	(52.6)
144	282	4442400	Tamping machines and road rollers, self-propelled	4.53	47.3	145.1
					34.8	(206.8)
145	282	4491400	Bookbinding machinery; machinery for type setting and the and offset printing machinery like; printing machinery machines for uses ancillary to printing except office type sheet fed	2.80	198.7	179.6
					(82.7)	(-9.6)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
146	282	4515001	Offset printing machines	1.74	170.5	114.8
					81.5	(-32.7)
29- Manufacture of Motor Vehicals, Trailers and Semi Trailers				230.72	187.7	174.3
					(26.1)	(-7.1)
147	291	4911202	Mini bus / bus - complete	95.53	165.3	144.2
					(12.0)	(-12.8)
148	292	4294506	Spring pins	1.64	87.5	21.3
					(-6.7)	(-75.7)
149	292	4912918	Exhaust tubes	2.08	88.3	44.3
					(-28.6)	(-49.8)
150	292	4922200	Trailers and semi-trailers of the caravan type, for housing or camping	1.40	44.0	50.3
					(-60.7)	(14.3)
151	292	4923100	Parts and accessories for the goods of subclass 49211	4.92	123.9	12.9
					44.1	(-89.6)
152	293	3811105	Seat for motor vehicle	18.13	45.8	66.9
					7.4	(46.1)
153	293	4294503	Leaf spring for motor vehicles	6.79	83.2	292.3
					(-74.7)	(251.3)
154	293	4299211	Locks used in motor vehicles	5.13	141.9	60.3
					(21.3)	(-57.5)
155	293	4315106	Parts of petrol engines for motor vehicles	19.17	48.0	115.3
					6.2	(140.2)
156	293	4325101	Engine assembly parts	14.84	134.1	494.7
					(4.8)	(268.9)
157	293	4332019	Shafts,all kinds	7.00	232.4	377.8
					(11.4)	(62.6)
158	293	4912901	Air brake sets	12.26	176.8	145.3
					(-24.1)	(-17.8)
159	293	4912902	Auto door rubber fittings	7.68	224.6	114.3
					(-35.6)	(-49.1)
160	293	4912904	Axel	4.05	79.6	56.3
					(-23.6)	(-29.3)
161	293	4912923	Gear boxes, motor vehicles	6.70	161.6	134.9
					(2.9)	(-16.5)
162	293	4912924	Gear case assemblies	3.57	242.9	569.0
					(43.1)	(134.3)
163	293	4912940	Shock absorbers	7.65	313.2	288.4
					(-27.4)	(-7.9)
164	293	4912941	Silencer	3.92	118.9	94.5
					(-6.6)	(-20.5)
165	293	4912943	Steering gear control system	8.28	0.0	249.5
					(0.0)	(0.0)
30- Manufacture of Other Transport Equipement				121.25	110.8	119.7
					(14.2)	(8.0)

Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100	
					INDEX	
					2019-20	2020-21
1	2	3	4	5	6	
166	302	4954017	Tracks, railway/tramway	5.68	157.3	83.5
					69.8	(-46.9)
167	309	4991202	Motor cycle, racing with cylinder capacity exceeding 50 cc	27.08	23.7	18.9
					40.9	(-20.3)
168	309	4992202	Parts for motor cycle/moped/ cycle	22.16	162.5	241.0
					41.3	(48.3)
169	309	4994100	Parts and accessories of motorcycles and side-cars	66.34	126.4	123.4
					1.8	(-2.4)
31- Manufacture of Furniture				0.41	87.7	56.0
					(13.5)	(-36.1)
170	310	3814004	Furniture & fixture wooden	0.41	87.0	56.0
					13.4	(-35.6)
32- Other Manufacturing				9.21	232.9	859.6
					(50.0)	(269.1)
171	321	3899701	Ornaments imitation	0.27	7.9	0.4
					(-91.7)	(-94.9)
172	323	3626054	Sports goods rubber	0.42	283.5	263.4
					(123.0)	(-7.1)
173	325	4291301	Blade, stainless steel	0.48	11.3	8.5
					(-90.5)	(-24.8)
174	325	4814000	Medical surgical or laboratory sterilizers	5.53	255.7	734.4
					69.7	(187.2)
175	325	4831103	Lens, ophthalmic	1.36	358.7	430.2
					94.4	(19.9)
176	329	3891108	Pen body plastic	0.38	21.7	3.8
					(-86.5)	(-82.5)
177	329	3891123	Staplers	0.37	113.5	8353.3
					28.1	(7259.7)
178	329	3896101	Handicraft / decorative fancy items	0.40	163.7	129.5
					(-42.9)	(-20.9)
179	401		Electricity	72.17	72.0	61.9
					(-31.9)	(-14.0)

Part-III
Use-Based Classification
of
Index of Industrial Production
in
Haryana

INDEX OF INDUSTRIAL PRODUCTION IN HARYANA

Use-Based Classification

The Use-Based Classification represents the changing pattern of customer's needs, based on the tastes and habits towards the purchase of industrial products. The industrial products have been clubbed into four major groups comprising of Basic Goods Industries, Capital Goods Industries, Intermediate Goods Industries and Consumer Goods Industries with a view to analyse the movement of growth rate of different groups of industries and their achievements within the frame of organized sector.

The Use-Based Classification represents the classification of the industrial products according to the product applications. Each industry group reflects the variations in the production of a particular class of industries based on product usage. The industries are classified into six groups viz., Primary Goods, Capital Goods, Intermediate Goods, Infrastructure/Construction Goods, Consumer Durables and Consumer Non-Durables Goods. Concepts and definitions for Use-Based Classification are given below.

(i) Primary Goods

Only such goods which are directly obtained from natural sources and used for further processing and consumption in manufacturing and power generating activities.

(ii) Capital Goods

Plants, machinery and goods used for further investments.

(iii) Infrastructure/Construction Goods

Finished goods which are primarily used in infrastructure industry or construction industry as an input. This category has been created to precisely items which could not be classified under consumer durables or intermediate goods

(iv) Intermediate Goods

Any goods/products produced as incomplete product or which goes as input in production for further finishing or forming a part of a product.

(v) Consumer Durables

Products directly used by consumers and having a longer durability (more than 2 to 3 years).

(vi) Consumer Non-Durables

Products that are directly used by consumers and cannot be preserved for long periods.

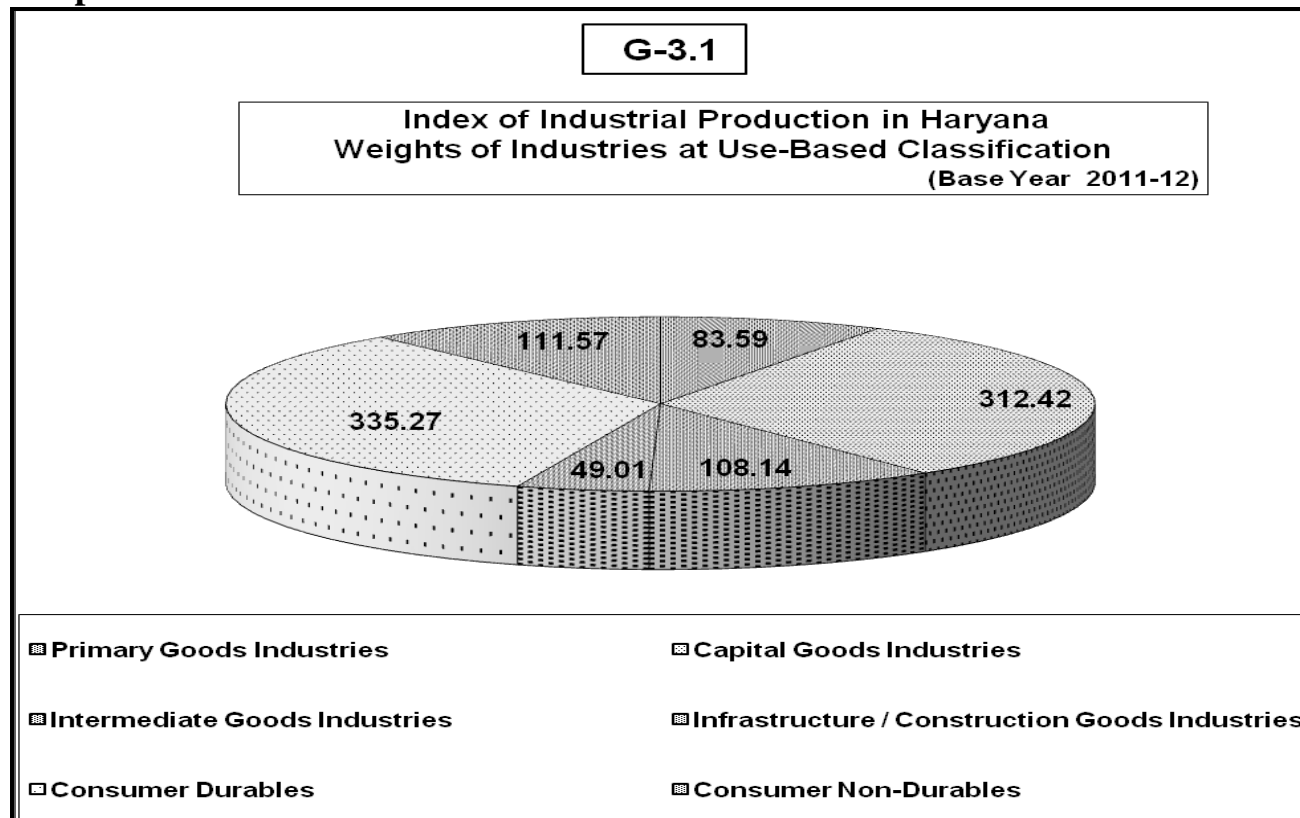
The share of each use-based industry group to the industry sector of the State and the number of industrial groups and items covered representing the use-based groups are as under: -

Share of each Use-Based Industry Group, Number of Items Covered and Number of Industrial Groups

Table:3.1 (Base Year 2011-12)

Sr. No.	Industry Group	Weight	Number of Items covered	Number of Industrial Groups
1.	Primary Goods Industries	83.59	7	5
2.	Capital Goods Industries	312.42	37	14
3.	Intermediate Goods Industries	108.14	31	16
4.	Infrastructure/ construction Goods	49.01	14	6
5.	Consumer Durables	335.27	61	27
6.	Consumer Non-Durables	111.57	29	11
	Total	1000.00	179	79

Graphic Presentation



The indices of Use-Based classification and growth of each class of Use- Based industry groups are presented in following table :-

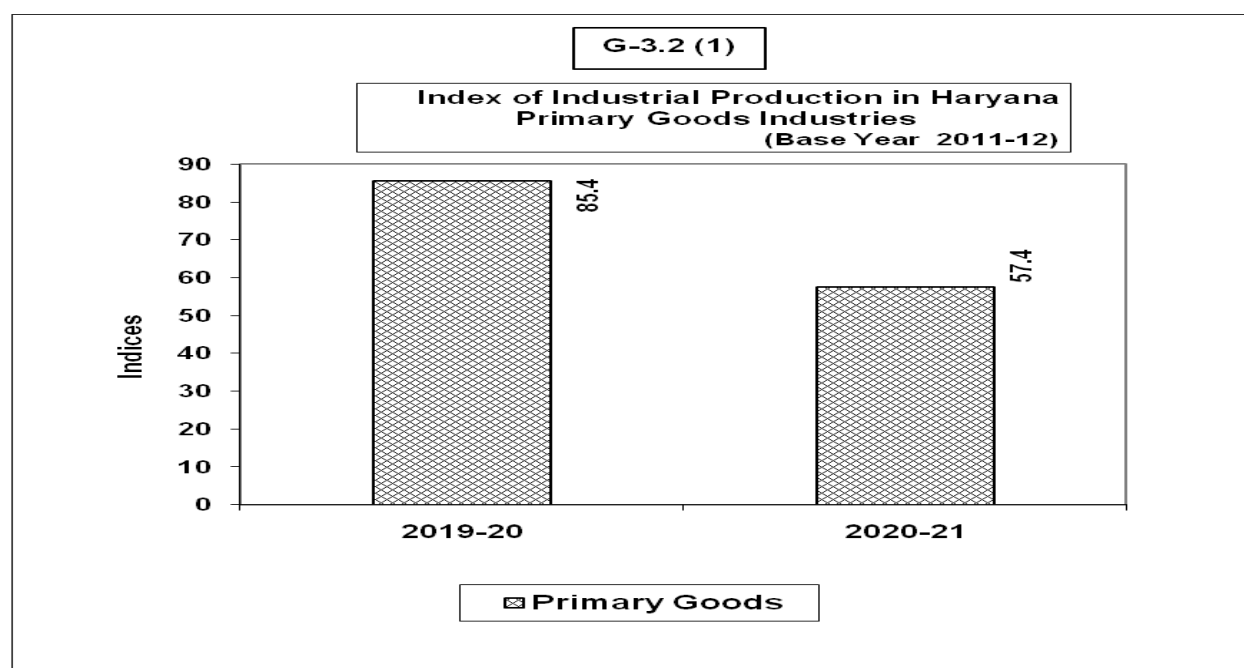
Index and Growth Rate of Each Class of Use-Based Industry

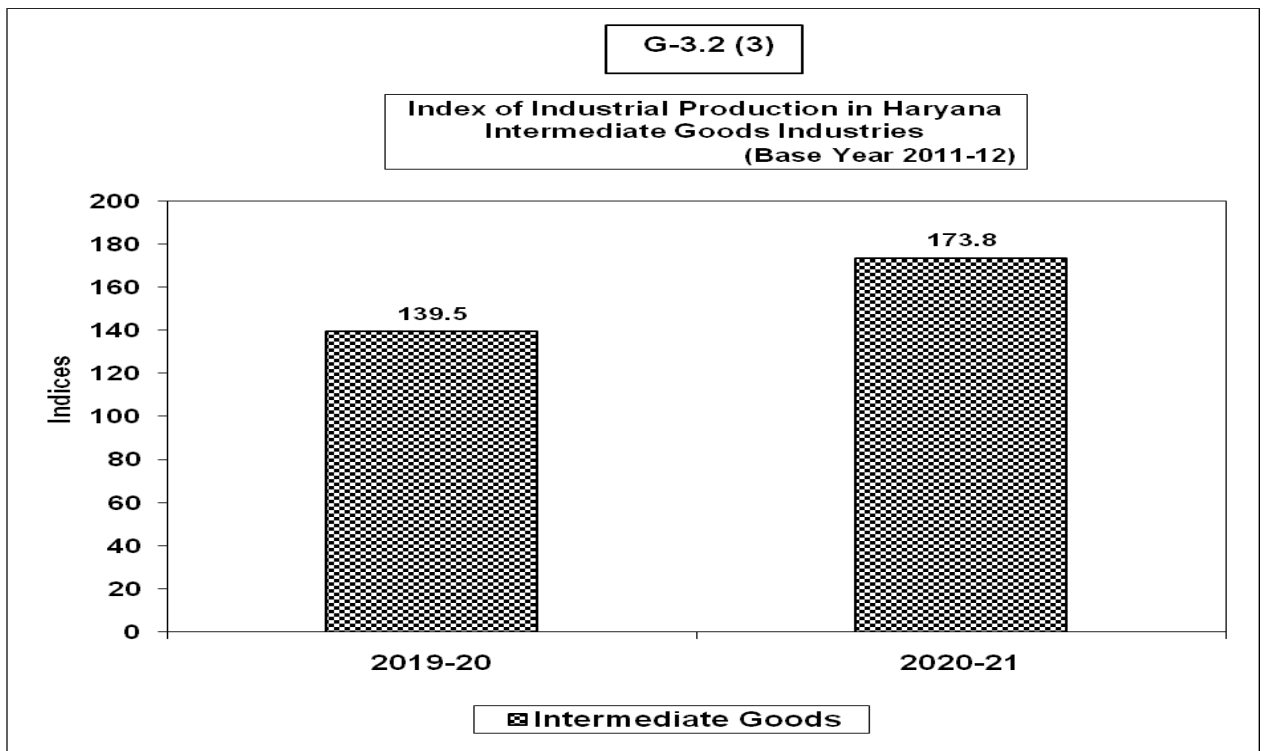
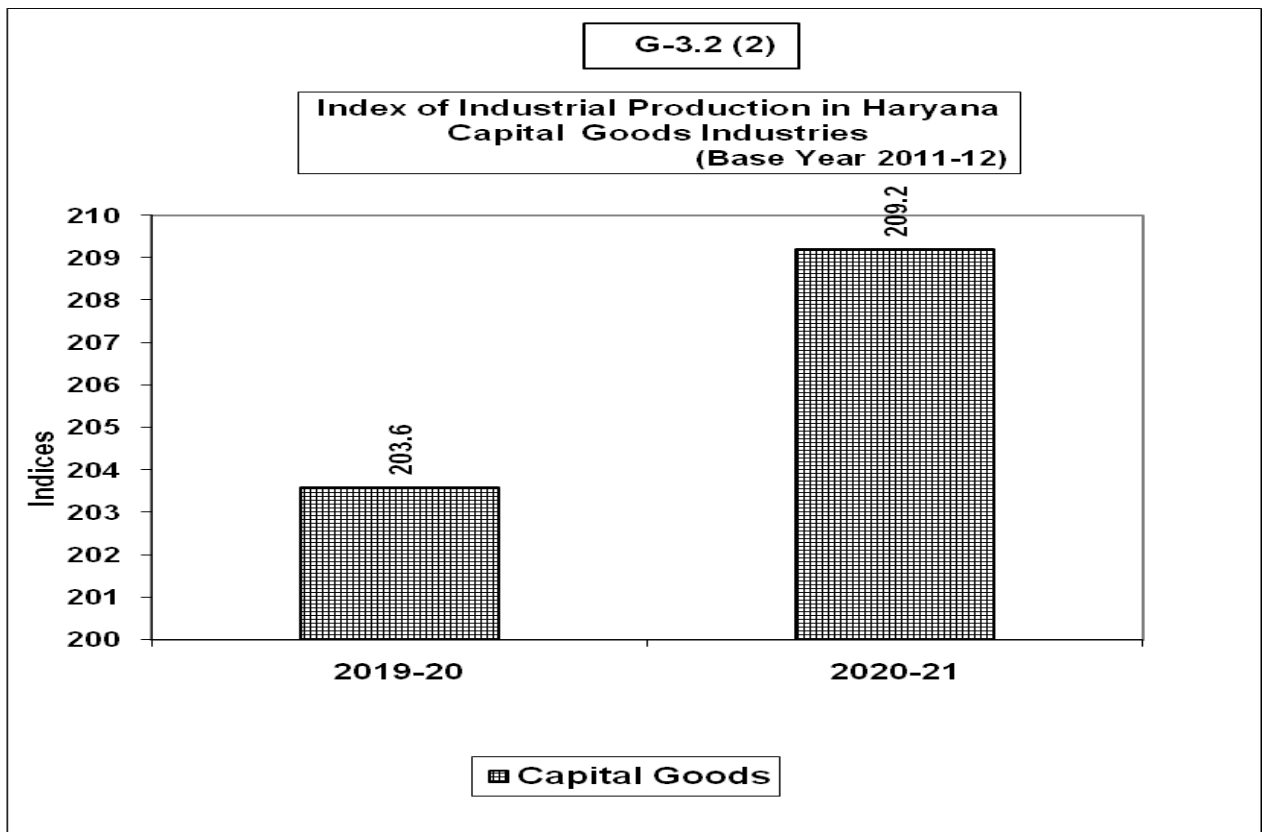
Table: 3.2

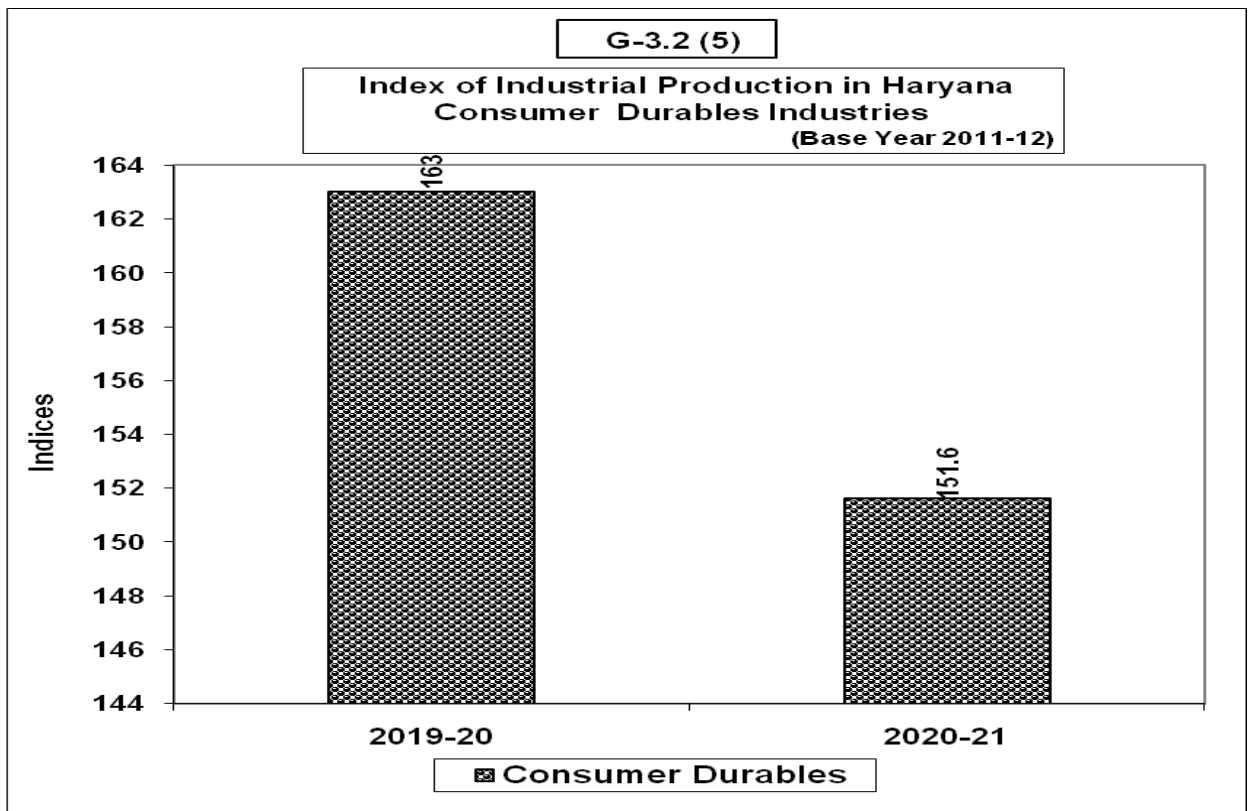
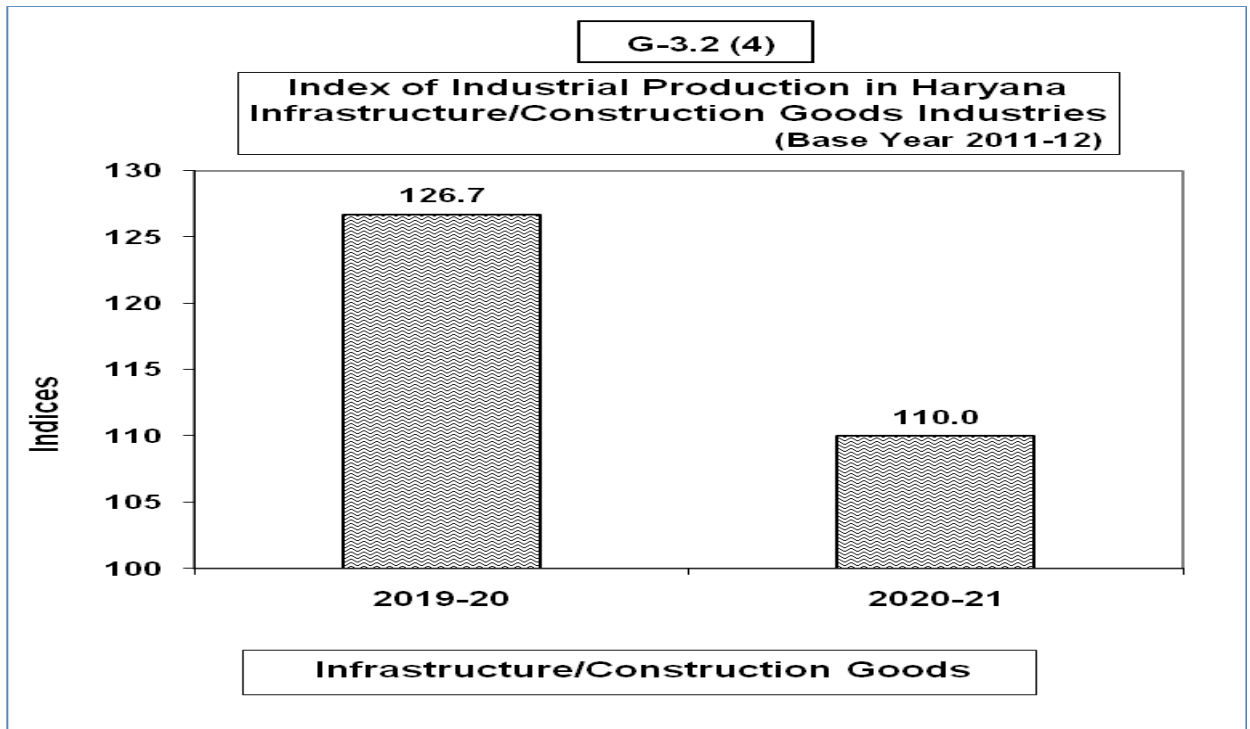
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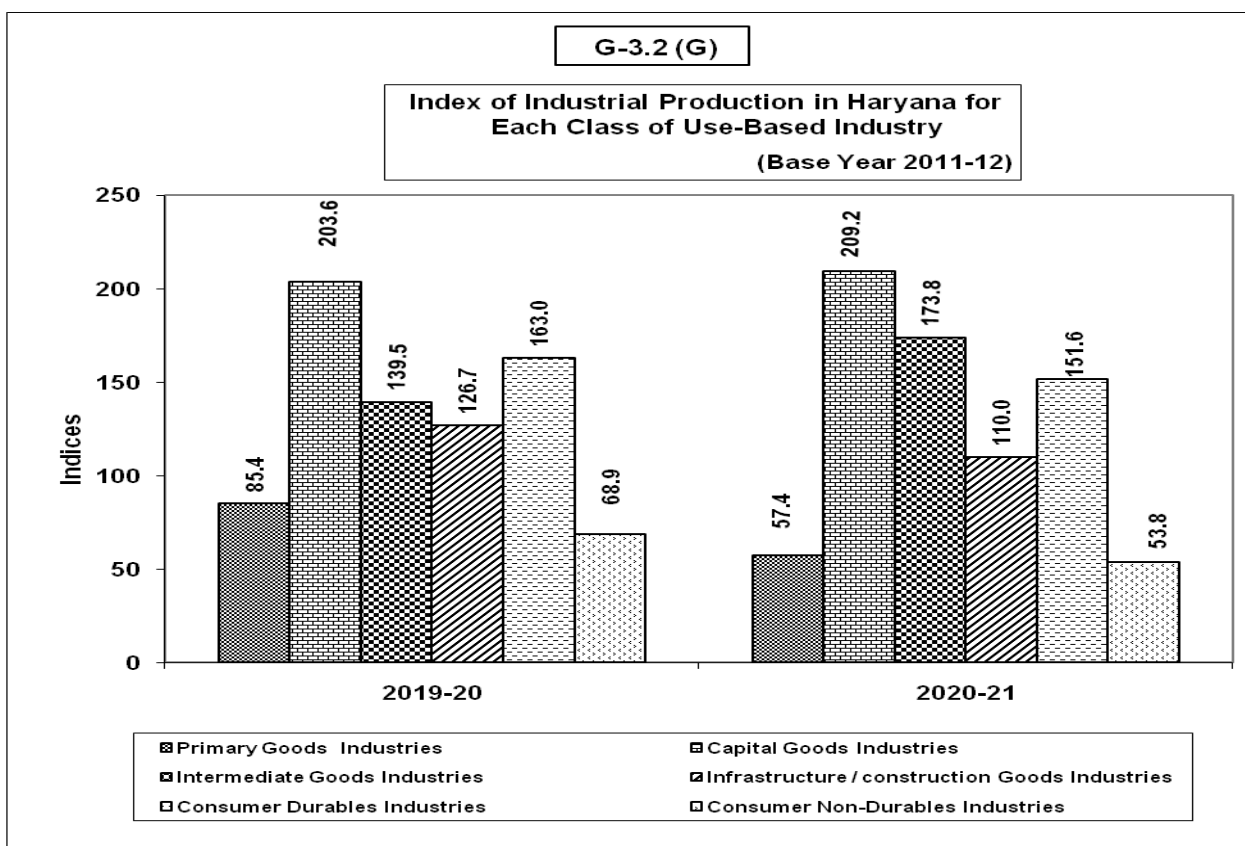
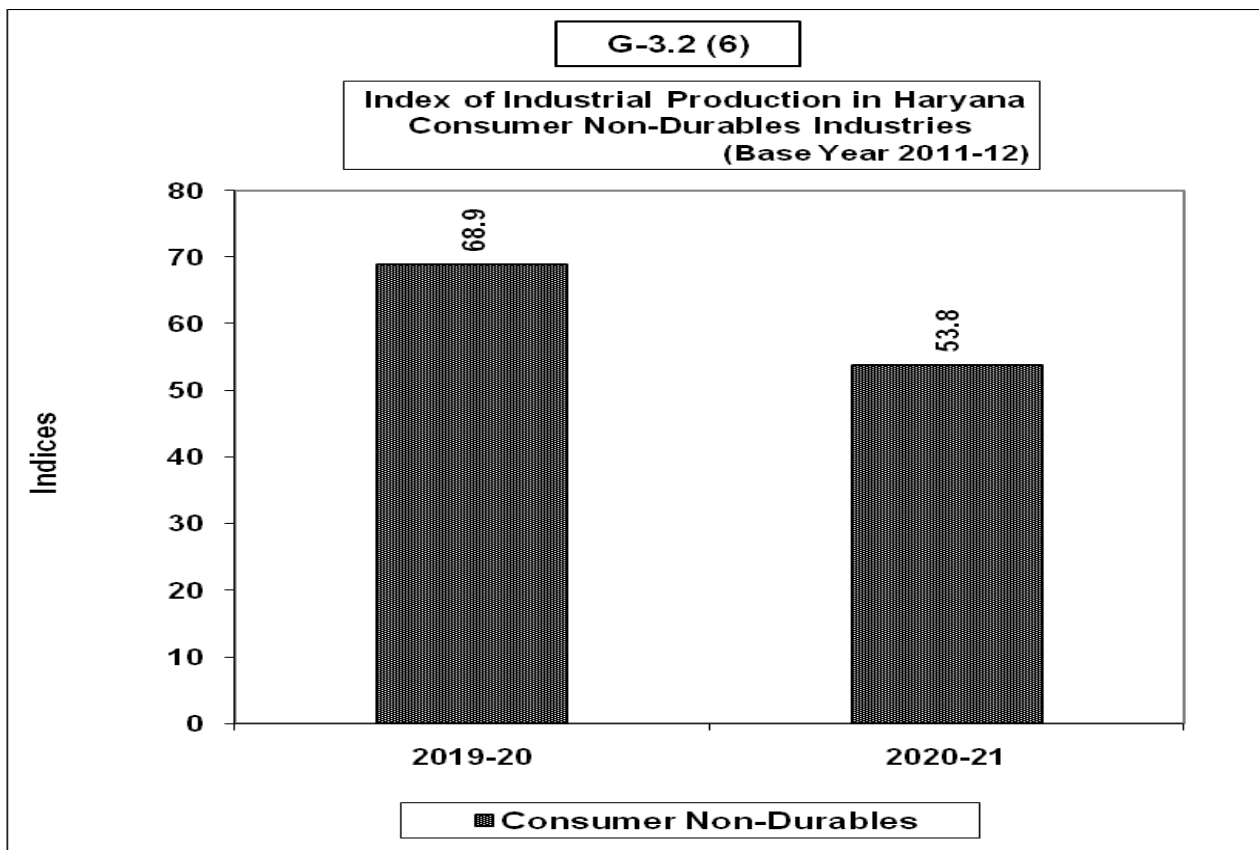
Sr. No	Industry Group	Weight	Index of Industrial Production	
			2019-20	2020-21
1	2	3	4	5
1	Primary Goods Industries	83.59	85.4 (-23.6)	57.4 (-32.7)
2	Capital Goods Industries	312.42	203.6 (25.3)	209.2 (2.7)
3	Intermediate Goods Industries	108.14	139.5 (9.8)	173.8 (24.5)
4	Infrastructure / Construction Goods	49.01	126.7 (-13.2)	110.0 (-13.1)
5	Consumer Durables	335.27	163.0 (0.7)	151.6 (-6.9)
6	Consumer Non-Durables	111.57	68.9 (7.3)	53.8 (-21.9)
General IIP		1000.00	154.4 (8.8)	151.2 (-2.1)

During the year 2020-21, Intermediate Goods Industries recorded highest growth of 24.5 percent, followed by Capital Goods 2.7 percent. Consumer Non-Durables goods, Consumer Durables, Infrastructure/Construction Goods and Primary Goods recorded a negative growth.









A. Primary Goods Industries

Primary Goods Industries which has been assigned the weight of 83.59 recorded a negative growth of 32.7 percent during the year 2020-21 as compared to the previous year. The index of this industry group decreased from 85.4 in 2019-20 to 57.4 in 2020-21. The index of Argon gas, Liquid Nitrogen, Urea, Bitumen, LPG and generation of electricity are the major products in this group. Liquefied Petroleum Gas (LPG) Cylinders of iron and steel, Urea, Nitrogen Liquid, Bitumen, Electricity, Oxygen liquid and Argon gas have recorded negative growth over the previous year.

B. Capital Goods Industries

The Index of Capital Goods Industries having weight of 312.42 showing a stable growth of 203.6 in 2019-20 to 209.2 in 2020-21. recorded a growth of 2.7 Percent. Other agricultural tractors, engine assembly parts, parts of electricity distribution or control apparatus, tamping machine and road rollers, self propelled, leaf spring for motor vehicles, internal combustion piston engine, other than for motor vehicle and aircraft etc., air brake sets, motors-fan, parts of agricultural machinery recorded a positive growth in this group. The index of shafts all kind, fabricated metal products, parts of electricity motors, generator and the like, steering gear control system, shock absorbers, acephate/speedometer, auto door rubber fittings, cultivators, book binding machinery, machinery for type setting and the offset printing, diamond tools, link forging, wire, stainless steel, electrode quality, offset printing machine, rubber break lining, biological microscope, conveyer belts, mini bus/bus-complete, tracks, railway/tramway, tyre tractor, hydraulic equipment, axel, exhaust tubes, compressors used in refrigerator, spring pins, heavy machinery for fabrication, forging, die stamping machines including presses and hammers, optical component, electro-diagnostic apparatus, used in medical, surgical, dental recorded a negative growth in this group.

C. Intermediate Goods Industries

The Intermediate Goods Industries carry a weight of 108.14. The Index of this industry group has increased from 139.5 in 2019-20 to 173.8 in 2020-21 recorded a increased of 24.5 percent. The gear case assemblies, plates, hot rolled, bearing steel, copper wires bars, refine, plywood board, Towers for transmission lines of iron and steel, copper zinc base alloys, brass recorded as positive growth in this group. The index of medical, surgical or laboratory sterilizers, seat for motor vehicles, gear boxes, motor vehicles, tube, pipe of

stainless steel, film polyester (metalized), locks used in motor vehicles, unsaturated polyester resin, stone dust/powder, fiber glass sheet/board, bolts, screws, nuts, iron/steel, sanitary ware others of iron and steel, machine screws iron and steel, aluminum ingots, wooden chips, Aluminum circle alloyed, plywood, cast iron, CR sheet 1t 600 mm, mud/molasses waste, aluminum alloys profile hollow, utensils iron, (other than cast iron), or steel, enamelled, sheet laminated plastic wood cutting processed sized recorded as negative growth during the year over previous year.

D. Infrastructure/Construction Goods Industries

Infrastructure/construction Goods Industries has captured the weight of 49.01. This industry group has recorded a negative growth of 13.1 percent during the year 2020-21 as the index of this group decreased from 126.7 in 2019-20 to 110.0 in 2020-21. Cement, white recorded as positive growth in this group. The index of cold finished/formed of flat rolled products, paint, optical fibers cables made up of indivisibly sheathed fiber, primer, stoving, synthetic, ceramic tiles, asbestos, corrugated sheet, scrap cast iron, paint, plastic, emulsion, tiles, flagstone bricks and similar articles of cement, concrete or artificial stone, cement other products, cement Portland, cable, pvc, insulated, cable, rubber insulated recorded a negative growth in this group.

E. Consumer Durables Industries

The Consumer Durable Goods Industries has been assigned the weight of 335.27. The Index of this industry group has decreased from 163.0 in 2019-20 to 151.6 in 2020-21 recorded a negative growth of 6.9 percent. The index of parts and accessories of motor cycle and side cars, apparatus for electric control or the distribution of electricity for a voltage, parts for motorcycle/moped/cycle, garments made up of textile fabric, impregnated, footwear incorporating a protective metal toe-cap, except those covered in subclass 29320, lining cloth, cotton, parts of petrol engine for motor vehicles, carpets and other textile floor covering, tufted, Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap and miscellaneous special footwear, lens, ophthalmic, staplers, carpets and other textile floor coverings, knotted, garment cloth, cotton, glass components, man-made fiber fabrics, trailers and semi-trailers of the caravan type, for housing or camping, blankets. The index of AC motor car, paper printing and writing, cotton fabrics, Parts and accessories for the goods of subclass 49211, hand bag, artificial fur, Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale, Grease guns excl compressed air

type, rubber cloth/sheet, cotton, carded or combed, components plastic, meter, electric-others, boxes corrugated sheet, water pump, Button moulds and other parts of buttons; button blanks; parts of slide fasteners, Drafting tables and machines, and other drawing, marking-out or mathematical calculating instruments, plastic bag, sports goods rubber, leggings and similar articles, electronic pcb/micro circuit, electronic pcb/micro circuit, furniture and fixture wooden recorded as positive growth, Garments made up of textile fabrics coated with other materials, Air conditioner-window/wall, Instruments and apparatus (except cathode-ray oscilloscopes and oscillographs) for telecommunications, Light fitting accessories, other sports footwear, except skating boots, books, motor cycle, racing with cylinder capacity exceeding 50 cc, silencer, fabrics/cloths, fabrics mixed, fabrics cotton, terry towels (cotton) yarn dyed cotton, handicraft/decorative fancy items, other paper, paperboard, cellulose wadding and webs of cellulose fibres, cut to size or shape; cigarette paper, in booklets or tubes, or in rolls of a width not exceeding 5 cm; of other articles of paper pulp, paper, paperboard, cellulose wadding or webs, paper polythene coated, button plastic, fluorescent tubes audio cd and dvd player, pen body plastic, blade, stainless steel, ornaments imitation recorded as a negative growth.

F. Consumer Non -Durables Industries

The Consumer Non-Durable Goods Industries has been allotted the weight of 111.57. The Index of this industry group has decreased from 68.9 in 2019-20 to 53.8 in 2020-21 have recorded a negative growth of 21.9 percent as compared to previous year. The index of rice basmati, soft drink, carbonated beverages other than soda water, black tea, refined sugar, bear made from malt recorded as a positive growth. The index of Antidiabetic drugs excl. insulin (metformin, pioglitazone, glimepiride etc.), milk, vegetables, fruit, nuts, fruit-peel and other parts of plants, preserved by sugar, country liquor and its variant, ointment, allopathic, sugar, rectified spirit, biscuits, Glues and gelatine, peptones and their derivatives, and related products; caseinates and other casein derivatives; albuminates and other albumin derivatives, guar kernel, tobacco, chewing (scented or not), vaccine for veterinary medicine, bandage including adhesive gauze bandage etc., skim milk and whey power, malt whether or not roasted, other vegetables oils and fats, rectified, husk (animal feed), waste paper, sauces; mixed condiments; mustard flour and meal; prepared mustard, dried vegetables, other shelled nuts, gola (cattle feed), butter and other fats and oils Derived from milk of cattle, filter for beverages have recorded as negative growth respectively.

Index of Industrial Production according to Use-Based classification for the years 2019-20 for Primary Goods Industries, Capital Goods Industries, Intermediate Goods Industries, Infrastructure/Construction Goods Industries, Consumer Durable Goods Industries and Consumer Non-Durable Goods has been represented in table no. 3.3.

Table- 3.3

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
		General IIP	1000.00	154.4	151.2
				(8.8)	(-2.1)
A	Primary Goods Industries		83.59	85.4	57.4
192	1720001	Argon gas	0.05	2.0	(0.0)
				(63.6)	(-100.0)
192	3421010	Nitrogen, liquid	0.13	37.7	14.2
				(56.1)	(-62.3)
192	3421013	Oxygen liquid	0.23	31.5	28.3
				(-1.7)	(-10.2)
201	3461100	Urea	4.33	671.1	59.1
				(30.2)	(-91.2)
202	1533003	Bitumen	2.93	255.2	34.3
				(-5.3)	(-86.6)
251	4222005	Liquefied petroleum gas (LPG) cylinders of iron and steel	3.76	943.8	190.3
				(9.2)	(-79.8)
401		Electricity	72.2	72.0	61.9
				(-31.9)	(-14.0)
B	Capital Goods Industries		312.42	203.6	209.2
221	2799802	Conveyor belts	5.23	8.5	0.0
				(10.0)	(-100.0)
221	3611103	Tyre tractor	6.79	725.2	4.8
				(-16.2)	(-99.3)
221	4994205	Rubber brake lining	1.88	279.0	176.8
				(1.7)	(-36.6)
251	3870206	Heavy machinery for fabrication	0.45	118.2	99.6
				(-13.9)	(-15.7)
259	4421706	Forging, die stamping machines incl. Presses and hammers	1.66	87.9	74.5
				(-26.8)	(-15.2)
259	4412701	Link forging	2.71	313.4	201.3
				(17.6)	(-35.8)
266	4812100	Electro-diagnostic apparatus, used in medical, surgical, dental	0.00	0.7	0.7
				(-7.5)	(0.0)
267	4831301	Optical components	0.12	17.2	13.4
				(-37.2)	(-22.1)

Table- 3.3 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
267	4826101	Biological microscope	0.36	59.3	49.5
				(73.6)	(-16.5)
271	4613100	Parts of electric motors, generators and the like	7.64	2908.7	2840.7
				(142.8)	(-2.3)
271	4622000	Parts of electricity distribution or control apparatus	24.72	3315.2	6056.2
				(5.3)	(82.7)
273	3870203	Fabricated metal products	1.33	3315.2	3080.7
				(437.3)	(-7.1)
273	4126701	Wire, stainless steel, electrode quality	0.81	297.2	256.9
				(166.9)	(-13.6)
275	4611205	Motors, fan	5.84	261.8	732.6
				(-75.2)	(179.8)
281	3466102	Acephate / speedometer	10.10	2352.3	2335.0
				(81.9)	(-0.7)
281	4311000	Internal combustion piston engines, other than for motor vehicles and aircraft	6.48	351.3	459.7
				(-49.9)	(30.9)
281	4323003	Compressors used in refrigerator	6.64	161.9	115.4
				(-19.5)	(-28.7)
281	4826601	Hydraulic equipment	2.53	651.8	526.3
				(27.6)	(-19.3)
282	3823007	Diamond tools	1.72	500.0	478.4
				(218.3)	(-4.3)
282	4411201	Cultivators	1.95	924.2	697.9
				(334.4)	(-24.5)
282	4414900	Other agricultural tractors	39.04	9144.5	11942.4
				(6.3)	(30.6)
282	4419900	Parts of agricultural machinery	1.87	8.0	340.9
				(-94.7)	(4161.3)
282	4442400	Tamping machines and road rollers, self-propelled	4.53	214.3	658.1
				(34.7)	(207.1)

Table- 3.3 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
282	4491400	Book binding machinery; machinery for type setting & the offset printing machinery like printing machinery for uses ancillary to printing (except office type sheet-fed)	2.80	557.3	503.7
				(82.7)	(-9.6)
282	4515001	Offset printing machines	1.74	296.0	199.4
				(81.5)	(-32.6)
291	4911202	Mini bus / bus - complete	95.53	15792.4	13774.2
				(12.0)	(-12.8)
292	4294506	Spring pins	1.64	143.4	35.0
				(-6.8)	(-75.6)
292	4912918	Exhaust tubes	2.08	183.4	92.0
				(-28.6)	(-49.8)
293	4294503	Leaf spring for motor vehicles	6.79	564.5	1983.6
				(-74.7)	(251.4)
293	4325101	Engine assembly parts	14.84	7226.9	7342.5
				(280.5)	(1.6)
293	4332019	Shafts,all kinds	7.00	3866.6	2645.5
				(164.7)	(-31.6)
293	4912901	Air brake sets	12.26	1697.1	1780.6
				(-40.5)	(4.9)
293	4912902	Auto door rubber fittings	7.68	959.3	877.3
				(-64.2)	(-8.5)
293	4912904	Axel	4.05	322.5	228.2
				(-23.6)	(-29.2)
293	4912940	Shock absorbers	7.65	2395.0	2205.0
				(-27.4)	(-7.9)
293	4912943	Steering gear control system	8.28	2685.1	2067.2
				(0.0)	(-23.0)
302	4954017	Tracks, railway/tramway	5.68	892.8	473.8
				(69.8)	(-46.9)
C	Intermediate Goods Industries		108.14	139.5	173.8
107	3912006	Mud / molasses waste	0.89	58.3	30.6
				(-73.9)	(-47.5)

Table- 3.3 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
161	3110005	Wood cutting processed sized	0.04	0.2	0.2
				(-88.9)	(0.0)
161	3110014	Wooden chips	0.02	17.3	16.0
				(301.6)	(-7.5)
162	3141001	Plywood board	1.14	245.2	267.6
				(-7.5)	(9.1)
162	3142001	Plywood decorative	0.79	501.0	410.9
				(6.7)	(-18.0)
162	3151001	Plywood	1.10	200.2	77.3
				(-23.2)	(-61.4)
170	3633021	Sheet laminated plastic	1.16	21.5	19.4
				(-86.0)	(-9.8)
222	3474010	Unsaturated polyester resin	0.85	599.2	230.7
				(91.3)	(-61.5)
231	3712103	Fibre glass sheet/board	0.79	422.9	273.7
				(289.5)	(-35.3)
239	1532007	Stone dust/powder	1.69	547.0	520.0
				(15.1)	(-4.9)
239	4291104	Sanitary ware others of iron and steel	1.08	224.1	0.1
				(77.5)	(-100.0)
241	4121102	Plates, hot rolled	19.63	1176.4	2189.8
				(44.0)	(86.1)
241	4122201	C R sheet l t 600 mm	3.12	140.4	114.1
				(-65.5)	(-18.7)
242	4141304	Copper wire bars, refined	0.63	396.0	482.6
				(59.2)	(21.9)
242	4141305	Copper zinc base alloys, brass	1.07	44.3	46.7
				(-48.7)	(5.4)
242	4143102	Aluminium ingots	0.65	108.8	85.9
				(92.9)	(-21.0)
242	4153201	Aluminium alloys profile hollow	0.43	41.0	27.2
				(-18.6)	(-33.7)
242	4153402	Aluminium circles alloyed	1.01	538.3	100.6
				(-16.3)	(-81.3)
243	4111102	Cast iron	0.74	143.2	90.5
				(-4.0)	(-36.8)

Table- 3.3 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
243	4128104	Tubes, pipes of stainless steel	6.37	781.5 (32.1)	651.3 (-16.7)
251	4211007	Towers for transmission lines of iron & steel	0.83	125.5 -3.7	229.7 83.0
259	4291214	Utensils of iron (other than cast iron) or steel, enamelled	13.99	29.8 -98.9	288.0 866.6
259	4294403	Bolts, screws, nuts, iron /steel	3.61	392.5 (5.1)	75.3 (-80.8)
259	4294413	Machine screw iron and steel	3.55	211.5 (6.7)	166.6 (-21.2)
261	3633010	Film polyester (metalised)	2.17	767.2 (17.3)	713.3 (-7.0)
281	4912908	Bearing, steel	1.74	514.9 (7.6)	572.0 (11.1)
293	3811105	Seat for motor vehicle	18.13	1304.4 (68.7)	1213.6 (-7.0)
293	4299211	Locks used in motor vehicles	5.13	727.8 (21.3)	309.4 (-57.5)
293	4912923	Gear boxes, motor vehicles	6.70	1082.4 (2.8)	903.9 (-16.5)
293	4912924	Gear case assemblies	3.57	2309.0 (280.9)	2031.3 (-12.0)
325	4814000	Medical, surgical or laboratory sterilizers	5.53	1414.0 (69.8)	4060.5 (187.2)
D	Infrastructure/Construction Goods Industries		53.01	126.7	110.0
202	3511064	Paint	8.61	1646.7 (3.4)	1525.6 (-7.4)
202	3511070	Paints, plastic emulsion	3.96	340.0 (-52.4)	21.9 (-93.6)
202	3511079	Primer, stoving, synthetic	3.04	456.4 (6.3)	342.2 (-25.0)
239	3731005	Ceramic tiles	2.35	419.2 (29.2)	274.6 (-34.5)
239	3744001	Cement, white	2.96	34.7 (-94.9)	823.3 (2272.6)

Table- 3.3 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
239	3744007	Cement, others products	0.88	55.7	48.3
				(-19.1)	(-13.3)
239	3744008	Cement, portland	2.27	39.4	38.4
				(-84.3)	(-2.5)
239	3754000	Tiles, flagstones, bricks and similar articles, of cement, concrete or artificial stone	2.15	310.9	129.7
				(-23.8)	(-58.3)
239	3757001	Asbestos, corrugated sheet	0.83	396.1	192.8
				(469.6)	(-51.3)
241	4125106	Cold finished/formed of flat rolled products	14.95	1664.5	1274.6
				(7.8)	(-23.4)
273	4632003	Cable, pvc insulated	1.61	37.9	144.9
				(-89.7)	(282.3)
273	4632004	Cable, rubber insulated	0.36	32.0	19.0
				(-7.7)	(-40.6)
279	4636000	Optical fibre cables made up of individually sheathed fibres	3.60	508.3	396.9
				(3.8)	(-21.9)
281	3934002	Scrap cast iron	1.46	265.6	159.6
				(30.2)	(-39.9)
E	Consumer Durables Goods Industries		351.27	163.0	151.6
131	2616000	Cotton, carded or combed	2.54	361.1	232.8
				(158.5)	(-35.5)
131	2632000	Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale	1.66	544.4	210.0
				(180.6)	(-61.4)
131	2636003	Yarn dyed, cotton	3.02	111.5	96.9
				(-89.3)	(-13.1)
131	2669004	Cotton fabrics	0.91	645.8	377.7
				(118.3)	(-41.5)
131	2669010	Fabrics, cotton	2.13	145.1	90.9
				(-58.9)	(-37.4)
131	2669024	Lining cloth, cotton	2.18	958.2	1038.2
				(66.9)	(8.3)
131	2671002	Fabrics, mixed	1.43	155.0	140.3
				(-47.0)	(-9.5)
131	2671005	Fabrics, polyester fibre	1.62	0.0	0.0
				(0.0)	(0.0)
131	2671013	Man-made fibre fabrics	2.16	62.9	152.7
				(-86.8)	(142.8)

Table- 3.3 (contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
139	2671008	Fabrics/cloth	2.08	223.9	211.1
				(-59.8)	(-5.7)
139	2684002	Terry towell (cotton)	2.70	118.8	76.6
				(-34.4)	(-35.5)
139	2711001	Blankets	1.35	24.9	38.0
				(-93.9)	(52.6)
139	2721000	Carpets and other textile floor coverings,	4.64	1715.2	2154.7
				(1.9)	(25.6)
139	2723000	Carpets and other textile floor coverings,	12.02	831.2	952.9
				(169.3)	(14.6)
141	2669012	Garment cloth, cotton	6.68	694.1	706.7
				(-28.8)	(1.8)
141	2825001	Garments made up of textile fabrics coated	30.01	7969.8	7966.6
				(-10.8)	(-0.0)
141	2825004	Garment made up of textile fab. impregnated	12.98	2573.0	2710.6
				(112.5)	(5.3)
151	2833006	Hand bag, artificial fur	3.50	549.6	196.2
				(11.6)	(-64.3)
152	2933000	Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap & miscellaneous special footwear	4.32	564.3	700.3
				(10.0)	(24.1)
152	2949000	Other sports footwear, except skating boots	3.39	783.7	529.0
				(-20.9)	(-32.5)
152	2951000	Footwear incorporating a protective metal toe-cap, except those covered in subclass 29320	16.24	1091.4	1493.8
				(0.0)	(36.9)
170	3212924	Paper, printing & writing	5.87	867.4	416.5
				(5.6)	(-52.0)
170	3214917	Paper polythene coated	0.65	39.7	34.1
				(-54.9)	(-14.1)
170	3219900	Other paper, paperboard, cellulose wadding and webs of cellulose fibres, cut to size or shape; cigarette paper, in booklets or tubes, or in rolls of a width not exceeding 5 cm; of other articles of paper pulp, paperboard, cellulose wadding or webs	0.64	62.4	60.3
				(-12.7)	(-3.4)

Table- 3.3 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
170	3215301	Boxes, corrugated sheet	0.95	216.6 (224.7)	190.8 (-11.9)
181	3229901	Books	3.73	754.3 (-11.1)	650.1 (-13.8)
203	3699015	Rexin	0.33	0.0 (0.0)	0.0 (0.0)
221	3626046	Rubber cloth/sheet	2.41	374.1 (26.5)	156.0 (-58.3)
222	2960000	Parts of footwear; removable insoles, heel cushions and similar articles; gaiters, leggings and similar articles, and parts thereof	0.52	85.2 (47.9)	70.0 (-17.8)
222	3641008	Plastic bag	0.71	124.1 (34.5)	120.2 (-3.1)
222	3699004	Button plastic	0.78	25.4 (-64.0)	0.5 (-98.0)
222	3699007	Components plastic	1.93	301.1 (11.8)	83.4 (-72.3)
222	3892400	Button moulds and other parts of buttons; button blanks; parts of slide fasteners	1.42	147.0 (20.3)	0.1 (-99.9)
231	3711205	Glass components	3.72	161.2 (-58.9)	368.0 (128.3)
259	4292110	Grease guns excl compressed air type	1.97	380.9 (1.7)	31.3 (-91.8)
261	4713002	Electronic p c b /micro circuit	0.58	39.5 (9.7)	25.5 (-35.4)
263	4824400	Instruments and apparatus (except cathode-ray oscilloscopes and oscillographs) for telecommunications	5.95	1889.1 (3.9)	1838.9 (-2.7)
264	4769103	Audio cd/dvd player	0.11	17.7 (-18.4)	13.6 (-23.2)
265	4823200	Drafting tables and machines, and other drawing, marking-out or mathematical calculating instruments	0.62	139.9 (32.5)	1.6 (-98.9)
265	4824303	Meter, electric -others	1.24	267.8 (103.1)	191.2 (-28.6)

Table- 3.3 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
271	4621400	Boards, consoles, cabinets and other bases, equipped with electrical switching etc. apparatus, for electric control or the distribution of electricity, for a voltage exceeding 1000 v	4.85	6095.7	328.2
				(778.1)	(-94.6)
274	4653101	Light fitting accessories	5.47	1374.8	753.7
				(-37.6)	(-45.2)
274	4653901	Fluorescent tubes	2.00	19.5	12.8
				(-94.2)	(-34.4)
281	4322022	Water pump	2.25	186.8	112.1
				(16.3)	(-40.0)
281	4391203	Air conditioner-window/wall	10.16	4588.0	4028.6
				(-52.7)	(-12.2)
281	4911301	Ac motor car	9.77	1014.9	634.9
				(4.8)	(-37.4)
292	4922200	Trailer & semi-trailer of the caravan type, housing or camping	1.40	61.5	70.3
				(-60.7)	(14.3)
292	4923100	Parts and accessories for the goods of subclass 49211	4.92	609.5	63.7
				(44.0)	(-89.5)
293	4315106	Parts of petrol engines for motor vehicles	19.17	919.3	2210.3
				(6.1)	(140.4)
293	4912941	Silencer	3.92	465.8	370.1
				(-6.6)	(-20.5)
309	4991202	Motor cycle, racing with cylinder capacity exceeding 50 cc	27.08	549.6	512.1
				(20.6)	(-6.8)
309	4992202	Parts for motor cycle/moped/ cycle	22.16	3602.7	5341.6
				(41.4)	(48.3)
309	4994100	Parts and accessories of motorcycles and side-cars	66.34	8385.6	8185.6
				(1.9)	(-2.4)
310	3814004	Furniture & fixture wooden	0.41	36.0	23.2
				(13.6)	(-35.6)
321	3899701	Ornaments imitation	0.27	2.1	0.1
				(-91.9)	(-95.2)
323	3626054	Sports goods rubber	0.42	117.9	109.6
				(122.9)	(-7.0)
325	4291301	Blade, stainless steel	0.48	5.5	4.1
				(-90.5)	(-25.5)
325	4831103	Lens, ophthalmic	1.36	488.8	586.3
				(94.4)	(19.9)

Table- 3.3 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
329	3891108	Pen body plastic	0.38	8.2	1.4
				(-86.5)	(-82.9)
329	3891123	Staplers	0.37	42.2	31.1
				(28.1)	(-26.4)
329	3896101	Handicraft / decorative fancy items	0.40	66.0	52.2
				(-42.9)	(-20.9)
F	Consumer Non-Durables Goods Industries		111.57	68.9	53.8
103	2139300	Dried vegetables	0.26	17.9	0.8
				(-25.7)	(-95.5)
103	2399500	Sauces; mixed condiments; mustard flour and meal; prepared mustard	0.35	18.2	17.6
				(-28.5)	(-3.3)
104	2159001	Other vegetable oils and fats, refined	1.02	83.3	55.6
				(-55.3)	(-33.3)
105	2221200	Skim milk and whey powder	0.74	120.8	11.6
				(-47.8)	(-90.4)
105	2222902	Milk	1.92	550.8	226.6
				(120.9)	(-58.9)
105	2224100	Butter and other fats and oils derived from milk of cattle	1.34	5.7	3.7
				(-96.9)	(-35.1)
106	2316201	Rice basmati	56.51	2328.1	2372.1
				(39.3)	(1.9)
106	3913004	Guar kernel	9.21	307.3	131.7
				(-7.3)	(-57.1)
107	2321011	Sugar	2.02	132.2	151.7
				(0.7)	(14.8)
107	2342001	Biscuits	1.41	107.7	0.9
				(15.0)	(-99.2)
107	2352000	Refined sugar	2.89	599.7	882.0
				(-27.3)	(47.1)
107	2367000	Sugar confectionery (including white chocolate), not containing cocoa; vegetables, fruit, nuts, fruit-peel and other parts of plants, preserved by sugar	3.04	341.9	13.0
				(20.7)	(-96.2)
107	2391301	Black tea (CTC)	1.09	380.4	393.8
				(91.3)	(3.5)
108	3912004	Gola (cattle feed)	0.17	9.1	7.8
				(-14.0)	(-14.3)
108	3912005	Husk (animal feed)	0.63	23.3	50.7
				(-41.3)	(117.6)

Table- 3.3 (Concl.)

Use-based classification of Index of Industrial Production in Haryana at Item Level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100	
				Index	
				2019-20	2020-21
1	2	3	4	5	6
110	2413101	Country Liquour and it variant	3.65	308.2 (0.2)	288.7 (-6.3)
110	2431000	Beer made from malt	2.46	211.4 (-4.3)	213.3 (0.9)
110	2432000	Malt, whether or not roasted	1.46	113.5 (-11.7)	101.3 (-10.7)
110	2449002	Soft drink , carbonated beverage other than soda water	3.72	384.9 (1.9)	370.8 (-3.7)
110	3413104	Rectified spirit	1.29	128.5 (21.7)	4.9 (-96.2)
120	2142900	Other shelled nuts	0.10	14.6 (-5.5)	13.7 (-6.2)
120	2501005	Tobacco, chewing (scented or not)	0.65	190.8 (-5.2)	154.5 (-19.0)
181	3924001	Waste paper	0.43	19.9 (-74.9)	14.1 (-29.1)
210	3526011	Antidiabetic drugs excl.insulin (metformin, pioglitazone, glimepiride etc)	1.69	583.2 (9.9)	2.9 (-99.5)
210	3526062	Ointments, allopathic	6.66	294.7 (49.0)	249.7 (-15.3)
210	3527080	Vaccine for veterinary medicine	1.54	179.9 (-29.0)	126.4 (-29.7)
210	3529005	Bandage including adhesive gauze bandage	1.39	150.4 (-17.9)	69.2 (-54.0)
210	3542000	Glues & gelatine, peptones & their derivatives, & related products; caseinates & other casein derivatives; albuminates & other albumin derivatives	2.07	74.6 (6.2)	70.3 (-5.8)
282	4391402	Filters for beverages	1.86	0.3 (-32.3)	0.4 (33.3)

Note:- Figures in parenthesis indicate percentage increase/decrease over the previous Year.
