



GOVERNMENT OF HARYANA

**INDEX
OF
INDUSTRIAL PRODUCTION
IN
HARYANA**

2012-13 to 2015-16

(BASE YEAR 2011-12)

Issued by:

**DEPARTMENT OF ECONOMIC AND STATISTICAL
ANALYSIS, HARYANA
2019**

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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 Analysis, Haryana has been compiling the Index of Industrial Production for Haryana State under the guidance of the Central Statistics office (CSO), Govt. of India since 1971-72 and publishes its report periodically. The present report containing information relating to IIP from the year 2012-13 to 2015-16 is the first issue of the series with base year 2011-12. The 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 Central Statistics Office, Government of India for providing valuable guidance. Efforts made by the District Statistical Officers for timely collection of production data from various industrial units is also acknowledged. The cooperation extended by various industrial units in Haryana for providing required production data for computation of IIP is appreciated and acknowledged.

This report has been prepared by Dr. Devi Dass, Research Officer with the help of Sh. Rajender Singh Bhorla and Sh. Bhupender, Assistant Research officers, Sh. Rambeer, Clerk-cum-Data Entry Operator under the guidance of Sh. Harjeet Singh, Deputy Director and overall supervision of Dr. Rajvir Bhardwaj, Additional Director. I appreciate the efforts made by them for bringing out the report in a short time.

Panchkula
Dated the 10th May, 2019

Dr. R.S. Malhan
Director, Department of Economic and Statistical
Analysis, Haryana.

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 Central Statistics Office (CSO), Govt. of India. In the Ist part of the report detail methodology source of data and computation of index number have been given.

A total of 178 items have been selected from registered manufacturing sector for the year 2011-12. Electricity has been taken as 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 CSO. Production data of selected items is collected directly from the selected factories in the State.

Presently Index of Industrial Production being prepared in the State with 2011-12 as base year 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 2015-16 has also been given in the report.

The General Index of Industrial Production with 2011-12 as base year increased from 120.3 in 2014-15 to 126.1 in 2015-16, registering a growth of 4.8 percent. The Index of Manufacturing Sector which carries the highest weight in IIP rose from 120.3 in 2014-15 to 128.7 in 2015-16, exhibiting a growth of 7.0 percent. The Index of Electricity Sector indicates a negative growth of -22.6 percent as it decreased from 119.5 in 2014-15 to 92.5 in 2015-16.

In the last part of the report 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 2015-16 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 122.8 in 2014-15 to 96.7 in 2015-16, which recorded a decrease of -21.2 percent.

The Index of Capital Goods Industries like conveyor belts, tractor tyres, link forging, optical components, acephate / speedometer, diamond tools, spring pins etc. remained same as 115.4 in 2014-15 and 2015-16, showing no growth.

The Index of Intermediate Goods Industries like plywood boards, wooden chips, cast iron, stone dust powder, seat for motor vehicle etc. has decreased from 117.8 in 2014-15 to 109.7 in 2015-16, recording a negative growth of -6.88 percent.

The Index of Infrastructure / Construction Goods Industries like paints, ceramic tiles, scrap cast iron etc. has fallen from 112.0 to 109.8, showing a negative growth of 2.0 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 124.6 in 2014-15 to 142.1 in 2015-16, registering a growth of 14.0 percent.

The Index of Consumer Non-Durables Industries like dried vegetables, milk, rice basmati, sugar, biscuits, black tea, waste paper etc. has moved from 124.9 in 2014-15 to 152.8 in 2015-16, registering a growth of 22.3 percent.

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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 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.

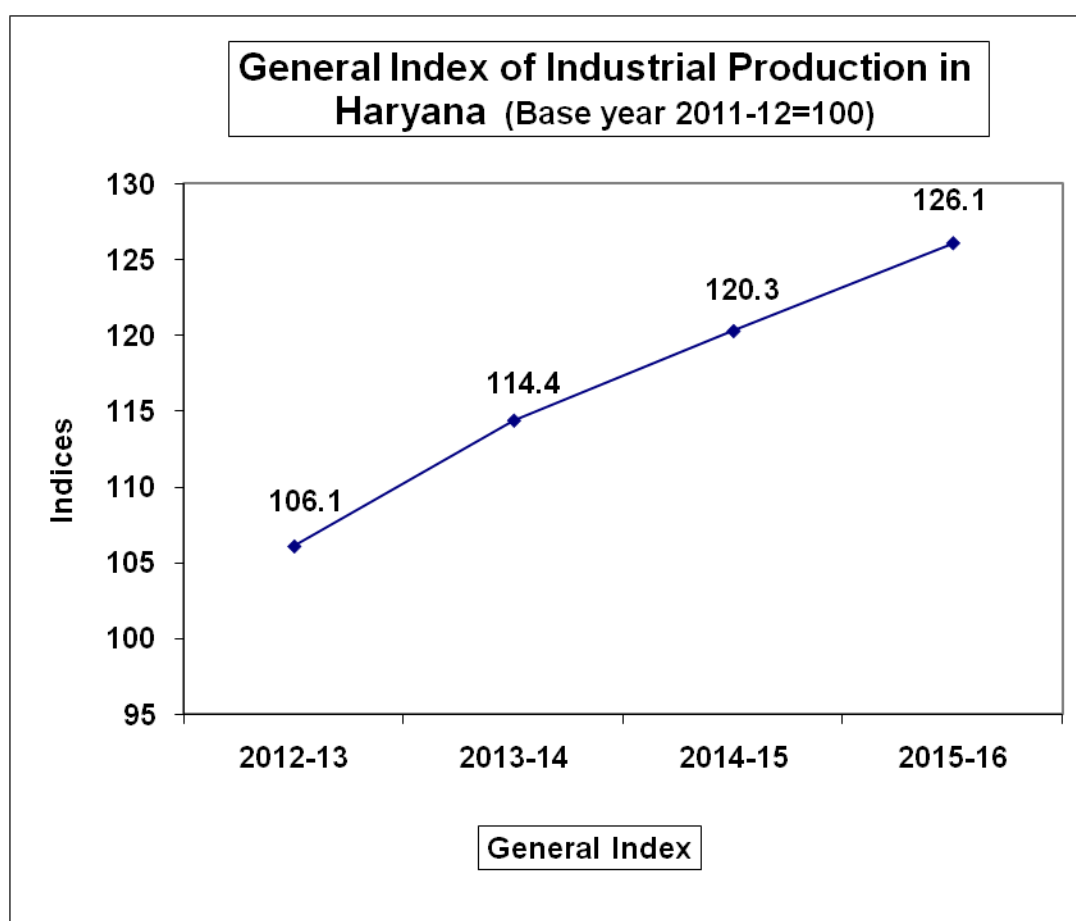
At the National level, Central Statistics Office (CSO), Government of India prepares all India Index of Industrial Production. The Department of Economic and Statistical Analysis, Haryana is preparing Index of Industrial Production of Haryana since the year 1971-72. A number of State Directorates of Economic & 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 Central Statistics Office (CSO), Govt. of India and the guidelines on compilation of State level Index of Industrial Production are prepared. According to criteria laid down in the guidelines issued by CSO, the Department of Economic

and Statistical Analysis, Haryana prepared the comparable State level Index of Industrial Production with 2011-12 as base year.

In the present report, the State indices of Industrial Production for Manufacturing and Electricity Sectors for the years 2012-13 to 2015-16 with base year 2011-12 have been given. 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
2012-13	106.1	6.1
2013-14	114.4	7.8
2014-15	120.3	5.2
2015-16	126.1	4.8



METHODOLOGY

Scope and Coverage

The Index of Industrial Production (IIP) is prepared as per National Industrial Classification (NIC) 08 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 revised by shifting its base year from 2004-05 to 2011-12 under the overall guidance of Central Statistics Office, Govt. of India, New Delhi.

The methodology for compiling an index of industrial production is two fold. 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, CSO (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 and so this time CSO (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 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 CSO (ISW), Kolkata. The month-wise data on generation of electricity taken from the website (www.cea.nic.in) 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 Analysis, 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.

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

\sum = 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 (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
			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

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
			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
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

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
			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
			19- Manufacture of cock 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

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
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
84	239	3731005	Ceramic tiles	2.35
85	239	3744001	Cement, White	2.96

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
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

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
			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 oscillographs) for telecommunications	5.95
113	264	4769103	Audio cd/dvd player	0.11
114	265	4823200	Drafting tables and machines, and other drawing, marking-out or mathematical calculating instruments	0.62
115	265	4824303	Meter, electric -others	1.24
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

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
28- Manufacture of machinery and equipment n.e.c				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
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

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
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	4
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	4
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 n.e.c	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 (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
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 Liquor 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

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	2636003	Yarn dyed, cotton	Kg.	17.65	3.02
131	2669004	Cotton fabrics	Metres	17.65	0.91
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
					36.24
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

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
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
					9.09
170	3212924	Paper, printing & writing	Tonne	9.27	5.87
170	3214917	Paper polythene coated	Tonne	9.27	0.65
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

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
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
					19.35
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
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 Metre	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

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
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
					24.73
241	4121102	Plates, hot rolled	Tonne	37.70	19.63
241	4122201	C R sheet 1 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
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
					32.54
261	3633010	Film polyester (metalised)	Tonne	2.75	2.17
261	4713002	Electronic p c b /micro circuit	Nos.	2.75	0.58

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
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
					17.16
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
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

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
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
					112.63
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
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

Table-1.4 (Concl.d.)

**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	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
					236.72
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

Table-2.1**Annual Index of Industrial Production in Haryana at Sector level**

Base year 2011-12=100					
Sector	Weight	Index			
		2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6
Manufacturing	927.83	106.1 (6.1)	114.7 (8.1)	120.3 (4.9)	128.7 (7.0)
Electricity	72.17	105.7 (5.7)	109.7 (3.8)	119.5 (9.0)	92.5 (-22.6)
General Index	1000.00	106.1 (6.1)	114.4 (7.8)	120.3 (5.2)	126.1 (4.8)

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

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			
			2012-13	2013-14	2014-15	2015-16
			4	5	6	7
10	Manufacture of Food Products	83.50	96.4 (-3.6)	109.9 (14.0)	135.4 (23.2)	170.2 (25.7)
11	Manufacture of Beverages	12.57	87.4 (-12.6)	75.9 (-13.2)	78.5 (3.4)	79.3 (1.0)
12	Manufacture of Tobacco Products	0.75	98.6 (-1.4)	105.0 (6.5)	112.9 (7.6)	120.8 (7.0)
13	Manufacture of Textiles	40.43	136.3 (36.3)	169.7 (24.4)	203.8 (20.1)	198.1 (-2.8)
14	Manufacture of Wearing Apparel	49.68	98.5 (-1.5)	101.7 (3.3)	119.0 (17.0)	123.2 (3.5)
15	Manufacture of Leather and related Products	27.44	92.1 (-7.9)	94.6 (2.7)	98.9 (4.5)	103.9 (5.0)
16	Manufacture of Wood & Products of Wood & Cork, except Furniture; Manufacture of Articles of Straw & Articles of Straw & Plaiting Materials	3.09	141.3 (41.3)	209.6 (48.3)	186.3 (-11.1)	177.1 (-4.9)
17	Manufacture of Paper & Paper Products	9.27	99.2 (-0.8)	101.7 (2.5)	103.9 (2.2)	119.1 (14.7)
18	Printing and Reproduction of Recorded Media	4.16	136.5 (36.5)	155.7 (14.0)	160.6 (3.1)	156.7 (-2.4)
19	Manufacture of Crude and Refined Petroleum Products	0.41	99.1 (-0.9)	83.7 (-15.6)	91.0 (8.8)	110.5 (21.4)
20	Manufacture of Chemical and Chemical Products	23.19	104.0 (4.0)	124.2 (19.4)	113.7 (-8.5)	108.7 (-4.4)
21	Manufacture of Pharmaceuticals, Medicinal Chemical and Botanical Products	13.34	109.3 (9.3)	112.2 (2.7)	120.9 (7.7)	132.2 (9.4)
22	Manufacture of Rubber and Plastics Products	22.53	76.3 (-23.7)	88.2 (15.6)	86.8 (-1.6)	90.3 (4.1)

Table-2.2 (Conclld.)

Annual Index of Industrial Production in Haryana at Group level

NIC Code 2008	Industry Group	Weight	Base year 2011-12 =100 INDEX			
			2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7
23	Manufacture of other Non-Metallic Products	18.73	96.5 (-3.5)	89.7 (-7.1)	112.6 (25.5)	108.2 (-3.9)
24	Manufacture of basic metals	48.6	107.0 (7.0)	104.5 (-2.3)	104.7 (0.2)	100.4 (-4.1)
25	Manufacture of fabricated metal product except machinery & equipment	32.54	98.4 (-1.6)	126.8 (28.8)	145.9 (15.1)	123.5 (-15.4)
26	Manufacture of computer, electronic and optical products	11.16	114.5 (14.5)	101.1 (-11.7)	121.2 (19.9)	125.2 (3.2)
27	Manufacture of electrical equipment	58.22	100.7 (0.7)	111.2 (10.3)	115.1 (3.6)	118.2 (2.6)
28	Manufacture of machinery equipment n.e.c	106.63	125.9 (25.9)	130.9 (4.0)	125.3 (-4.2)	170.3 (35.8)
29	Manufacture of motor vehicles, trailers and semi trailers	230.72	98.6 (-1.4)	105.2 (6.6)	109.9 (4.5)	111.4 (1.4)
30	Manufacture of other transport equipment	121.25	116.0 (16.0)	118.3 (2.0)	115.1 (-2.8)	116.2 (1.0)
31	Manufacture of furniture	0.41	94.5 (-5.5)	72.5 (-23.3)	77.5 (6.9)	93.0 (20.0)
32	Other Manufacturing	9.21	121.3 (21.3)	219.9 (81.3)	135.8 (-38.2)	138.7 (2.2)
	Manufacturing	640.47	106.1 (6.1)	114.7 (8.1)	120.3 (4.9)	128.7 (7.0)
40	Electricity	72.17	105.7 (5.7)	109.7 (3.8)	119.5 (9.0)	92.5 (-22.6)
	General Index	1000	106.1 (6.1)	114.4 (7.8)	120.3 (5.2)	126.1 (4.8)

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

Part-II
Review
of
Index of Industrial Production
in
Haryana

REVIEW OF INDEX OF INDUSTRIAL PRODUCTION IN HARYANA 2015-2016

The industry sector recorded an annual growth of 4.8 percent in 2015-16 over the previous year as the Index of Industrial Production increased from 120.3 in 2014-15 to 126.1 in 2015-16. The sector wise and group wise details of IIP are given below: -

Manufacturing Sector

The Index of Manufacturing Sector increased from 120.3 in 2014-15 to 128.7 in 2015-16 registering an annual growth of 7.0 percent over the previous year. The Manufacture of machinery equipment (28) recorded the highest growth of 35.8 percent followed by Manufacture of food products (10) which recorded the growth of 25.7 percent. Manufacture of coke and refined petroleum products (19) recorded a growth of 21.4 percent. Manufacture of furniture (31) recorded a growth of 20.0 percent. Manufacture of wood and products of wood, cork (16), Manufacture of chemical and chemical products (20), Manufacture of basic metal (24) and Manufacture of other non-metallic products (23) have recorded negative growth of 4.9 percent, 4.4 percent, 4.1 percent and 3.9 percent, respectively.

Electricity Sector

The Index of Electricity Sector decreased from 119.5 in 2014-15 to 92.5 in 2015-16 registering a negative growth of 22.6 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 carries a weight of 83.50 in the manufacturing sector. The index of this group increased from 135.4 in 2014-15 to 170.2 in 2015-16, recorded a growth of 25.7 percent. Dried vegetables has highest growth of 514.7 percent followed by Rice basmati exhibited 37.2 percent. Black tea (CTC) 28.6 percent, Sauces; mixed condiments 24.9 percent and butter and other fats have 9.7 percent. The index of refined sugar, Guar Kernel, Mud / Molasses waste, Husk (animal feed), Gola (cattle feed) and milk decreased as compared to previous year.

2 - Manufacture of Beverages (11)

The beverage carries a weight of 12.57 in the manufacturing sector. The index of this group has increased from 78.5 in 2014-15 to 79.3 in 2015-16, recorded a growth of 1 percent. Country liquor and its variant recorded highest growth of 47.2 percent. Soft drink, carbonated beverages other than soda water and beer made from malt recorded a negative growth of 19.0 percent and 18.1 percent respectively.

3 - Manufacture of Tobacco Products (12)

Tobacco group carries a weight of only 0.75 in the manufacturing sector. The index of this group has increased from 112.9 in 2014-15 to 120.8 in 2015-16, recorded a growth of 7.0 percent. Tobacco, chewing (scented or not) in this group recorded positive growth of 8.4 percent. Other shelled nuts have negative growth of 3.0 percent.

3 - 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 203.8 in 2014-15 to 198.1 in 2015-16 and recorded a negative growth of 2.8 percent. The index of lining cloth, cotton recorded highest growth of 90.9 percent, followed by yarn dyed, cotton, fabrics polyester fibre and carpets and other textile floor covering knotted 11.3 percent, 5.6 percent and 4.2 percent respectively. Carpets and other textile floor covering tufted; cotton, carded or combed has shown negative growth of 18.0 percent and 16.4 percent respectively.

4 - Manufacture of Wearing apparel (14)

The wearing apparel industry has been assigned the weight of 49.68 in the manufacturing sector. The index of this group increased from 119.0 in 2014-15 to 123.2 in 2015-16, recorded a growth of 3.5 percent. The index of cotton garments cloth has recorded a growth of 30.0 percent.

5 - 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 increased 98.9 in 2014-15 to 103.9 in 2015-16, recorded a growth of 5.1 percent. The index of footwear incorporating a protective metal toe-cap, footwear with uppers of leather, other than sport footwear, footwear incorporating a protective metal toe-cap & miscellaneous special footwear and other sports footwear, except skating boots recorded positive growth of 8.5 percent, 5.7 percent and 2.9 percent, respectively in 2015-16.

6 - 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 186.3 in 2014-15 to 177.1 in 2015-16, recorded a negative growth of 4.9 percent. The index of wooden chips, wood cutting processed sized and plywood board recorded a growth of 100.9 percent, 45.7 percent and 29.6 percent, respectively.

7 - 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 increased from 103.9 in 2014-15 to 119.1 in 2015-16, recorded a growth of 14.7 percent. The index of paper, printing & writing recorded a growth of 34.6 percent. The paper polythene coated and boxes, corrugated sheet have recorded negative growth of 28.9 percent and 16.7 percent respectively.

8 - 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 160.6 in 2014-15 to 156.7 in 2015-16, recorded a negative growth of 2.4 percent. The index of waste paper and books recorded a negative growth of 6.7 percent and 2.0 percent respectively.

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

The petroleum industries carry a weight of 0.41 only. The index of this group increased from 91.0 in 2014-15 to 110.5 in 2015-16, recorded a growth of 21.4 percent. The index of nitrogen liquid & oxygen liquid recorded a growth of 38.6 percent and 12.2 percent respectively. The index of argon gas recorded negative growth of 6.4 percent.

10 - Manufacture of Chemical and Chemical Products (20)

The chemical and chemical products industry group carries a weight of 23.19 in the manufacturing sector. The index of this group decreased from 113.7 in 2014-15 to 108.7 in 2015-16, recorded a negative growth of 4.4 percent. The index of primer, stoving, synthetic and paint recorded a growth of 4.2 percent & 2.4 percent respectively. The index of rexin, bitumen and urea recorded a negative growth of 88.8 percent, 19.3 percent and 14.9 percent respectively.

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

The pharmaceuticals industries carry a weight 13.34 in the manufacturing sector. The index of this group increased from 120.9 in 2014-15 to 132.2 in 2015-16 with a growth of 9.4 percent. The index of vaccine for veterinary medicine and allopathic ointments recorded a growth of 52.6 percent and 46.0 percent respectively. The bandage including adhesive gauze bandage recorded a negative growth of 53.0 percent.

12 - 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 increased from 86.8 in 2014-15 to 90.3 in 2015-16 with a growth of 4.1 percent. The index of button moulds & other parts of buttons; button plastic and unsaturated polyester resin recorded a positive growth of 61.5 percent, 61.3 percent and 9.7 percent, respectively. The index of conveyor belts, plastic bag and parts of footwear recorded a negative growth of 23.6 percent, 11.0 percent and 7.4 percent respectively.

13 - Manufacture of other Non-Metallic mineral Products (23)

This industry group carries a weight of 18.73 in the manufacturing sector. The index of this group has decreased from 112.6 in 2014-15 to 108.2 in 2015-16 and recorded a negative growth of 3.9 percent. The index of white cement, asbestos corrugated sheet and fibre glass sheet / board recorded a growth of 53.0 percent, 17.7 percent and 8.3 percent respectively. The index of stone dust / powder and Portland cement recorded a negative growth of 45.3 percent and 37.8 percent respectively in this group.

14 - Manufacture of Basic Metals (24)

The basic metal group carries a weight of 48.60 in the manufacturing sector. The index of this group has decreased from 104.7 in 2014-15 to 100.4 in 2015-16 with a negative growth of 4.1 percent. The index of aluminum circles alloyed, refined copper wire bars and brass copper zinc base alloys recorded a growth of 57.7 percent, 55.1 percent and 10.2 percent respectively. The index of tubes, pipes of stainless steel, CR sheet and aluminum alloys profile follow recorded a negative growth of 45.5 percent, 23.0 percent and 14.0 percent respectively.

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

The fabricated metal products industry carries a weight of 32.54 in the manufacturing sector. The index of this group decreased from 145.9 in 2014-15 to 123.5 in 2015-16, recorded a negative growth of 15.4 percent. The index of heavy machinery for fabrication recorded a growth of 234.3 percent in this group. The index of utensils of iron or steel enameled, machine screw iron & steel and LPG cylinders of iron and steel recorded a negative growth of 23.5 percent, 18.6 percent and 13.0 percent respectively in this group.

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

This industry group carries a weight of 11.15 in the manufacturing sector. The index of this group has increased from 121.2 in 2014-15 to 125.2 in 2015-16, recorded a growth of 3.2 percent. The index of biological microscope recorded the highest growth of 59.9 percent followed by instruments and apparatus for telecommunications with 15.8 percent. The index of electro-diagnostic apparatus used in medical, surgical, dental and electronic pcb / micro circuit has declined by 75.3 percent and 57.3 percent respectively.

17 - 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 increased from 115.1 in 2014-15 to 118.2 in 2015-16, recorded a growth of 2.6 percent. The index of parts of electricity distribution or control apparatus recorded the highest growth of 23.9 percent followed by pvc insulated cable with a growth of 16.3 percent. The index of wire stainless steel electrode quality and motor fan recorded a negative growth of 41.8 percent and 32.7 percent respectively.

18 - Manufacture of Machinery and Equipment n.e.c. (28)

The machinery equipment industry carries a weight of 106.63 in the manufacturing sector. The index of this group has increased from 125.3 in 2014-15 to 170.3 in 2015-16 with a growth of 35.8 percent. The air conditioner-window / wall has recorded highest growth of 605.1 percent followed by offset printing machines 18.1 percent in this group where as the growth of self propelled tamping machines & road rollers and book binding machinery declined by 80.8 percent and 68.2 percent respectively.

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

This industry group carries highest weight of 230.72 in the manufacturing sector. The index of this group increased from 109.9 in 2014-15 to 111.4 in 2015-16, recorded a growth of 1.4 percent. The air break sets in this group has recorded a growth of 28.6 percent followed by trailers and semi trailers of the caravan type for housing and camping 14.5 percent. Exhaust tubes and parts of petrol engine for motor vehicles recorded a negative growth of 67.9 percent and 7.5 percent respectively.

20 - 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 115.1 in 2014-15 to 116.2 in 2015-16, recorded a growth of 1.0 percent only. Railway / tramway tracks and parts & accessories of motor cycles recorded a growth of 37.7 percent and 2.3 percent respectively.

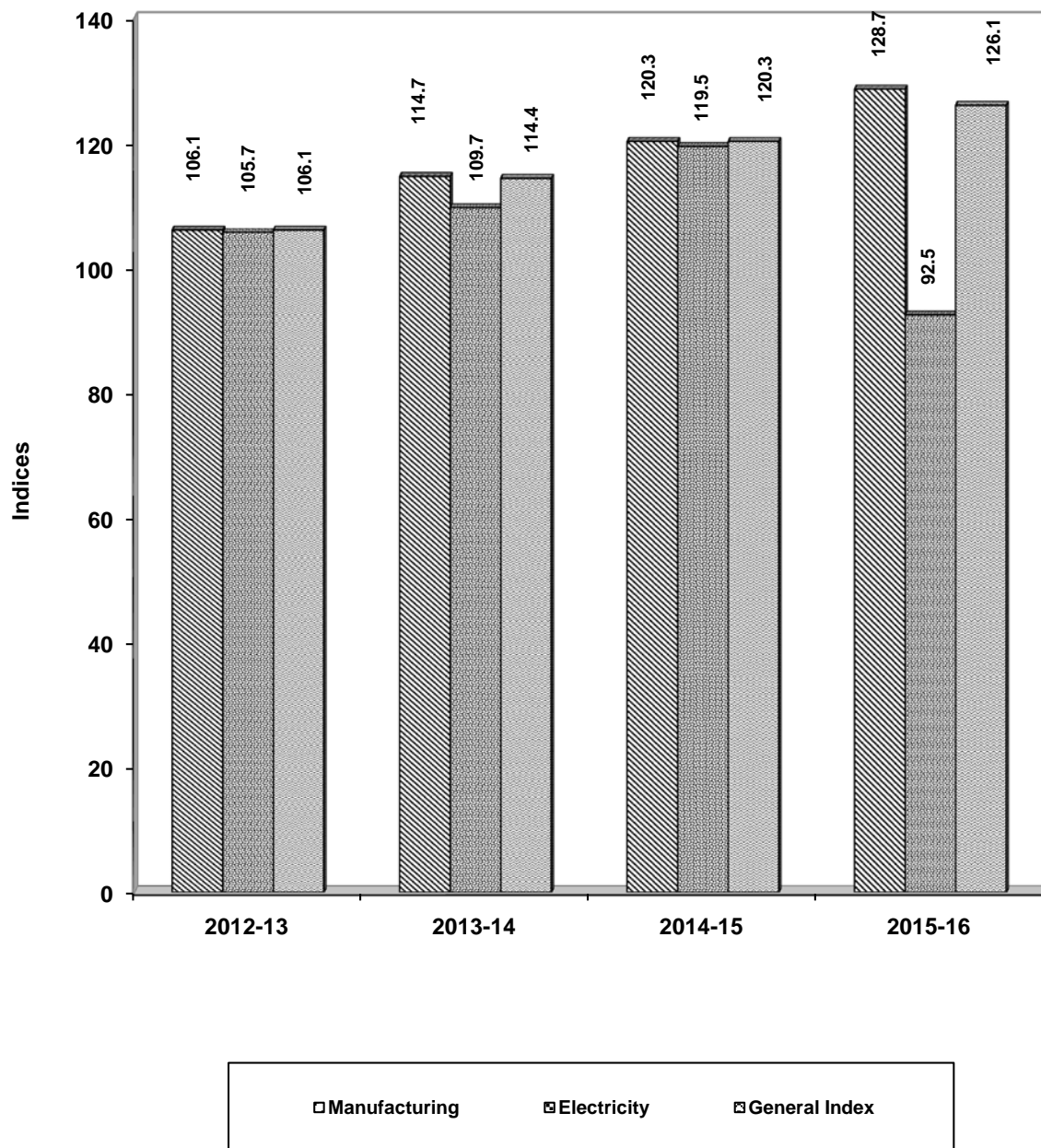
21 - Manufacture of Furniture (31)

The furniture industry carries a weight of 0.41 only in the manufacturing sector. This group contained only one product i.e. furniture and fixture wooden with a growth of 20.0 percent.

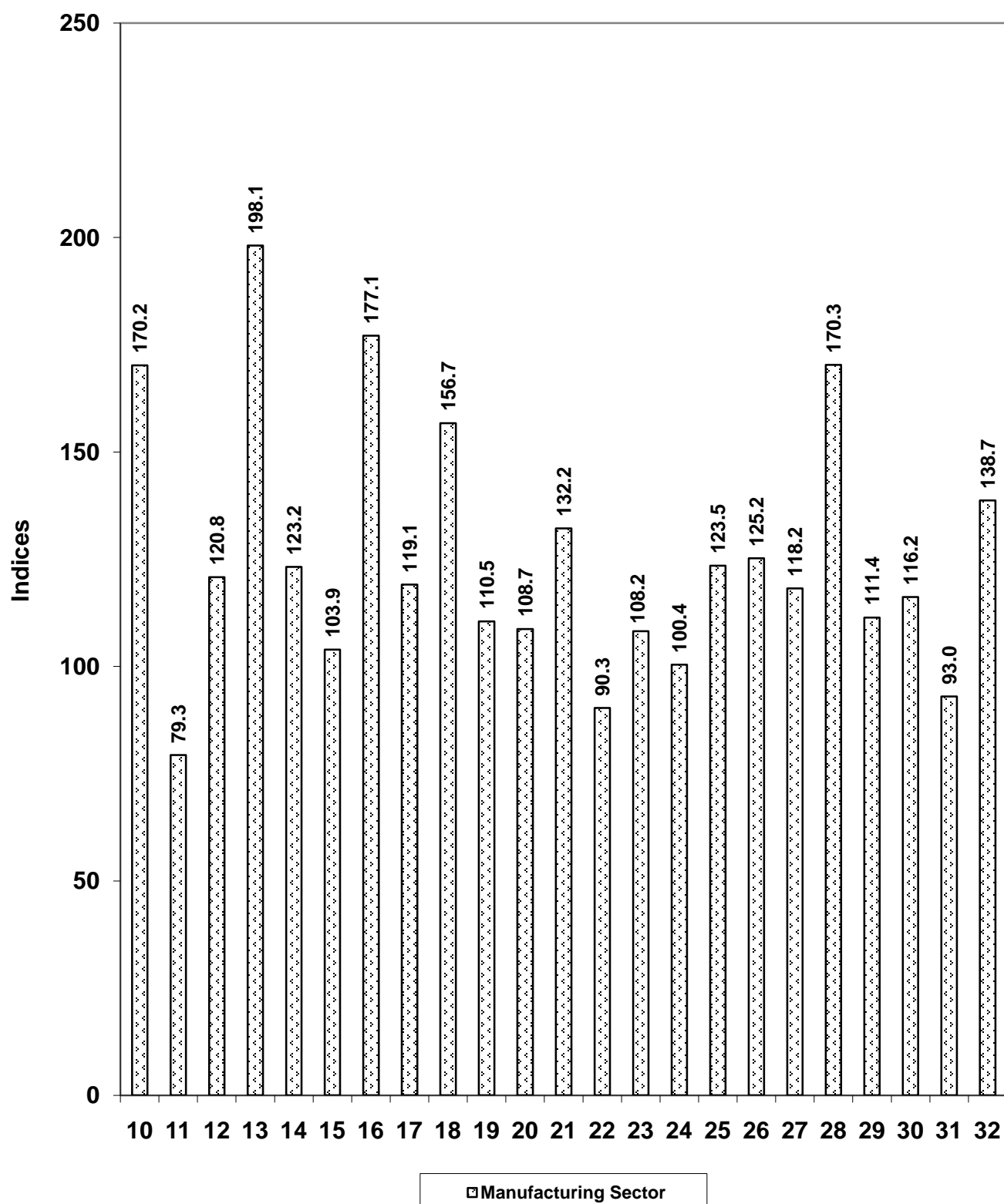
22 - Other Manufacturing (32)

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 135.8 in 2014-15 to 138.7 in 2015-16 with a growth of 2.2 percent. The staplers, ophthalmic lens and sports goods rubber recorded a growth of 67.4 percent, 40.9 percent and 6.7 percent respectively. The ointments imitation, electricity and pen body plastic has recorded a negative growth of 44.1 percent, 22.6 percent and 12.2 percent respectively.

G-2.1 Index of Industrial Production in Haryana at Sector level
(Base Year 2011-12)

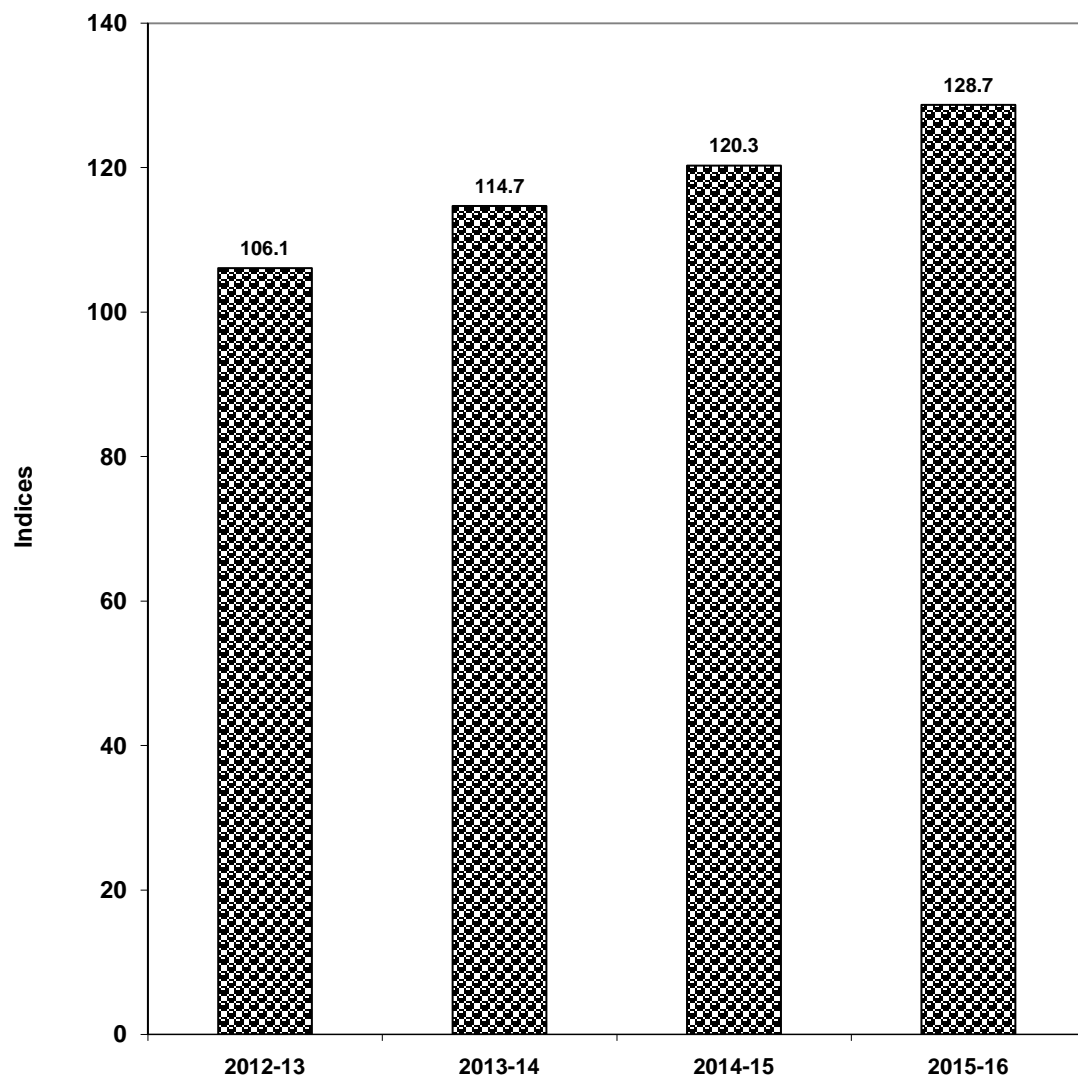


**G-2.2 Index of Industrial Production in Haryana
Manufacturing Sector 2015-16 at 2 digit level**
(Base Year 2011-12)



G-2.3 Index of Industrial Production in Haryana Manufacturing Sector

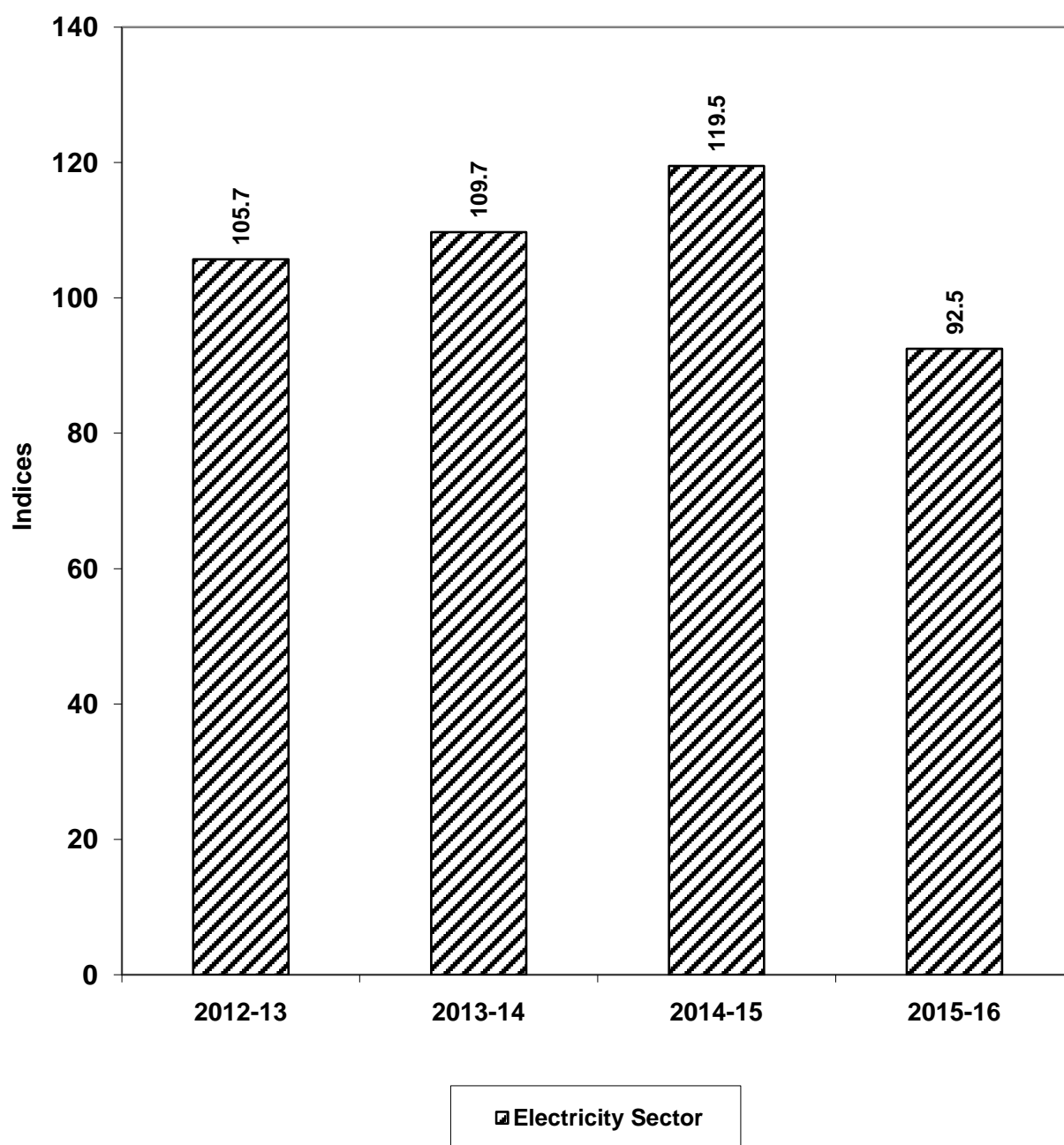
(Base Year 2011-12)



Manufacturing Sector

G-2.4 Index of Industrial Production in Haryana Electricity Sector

(Base Year 2011-12)



G-2.5 General Index of Industrial Production in Haryana
(Base year 2011-12)

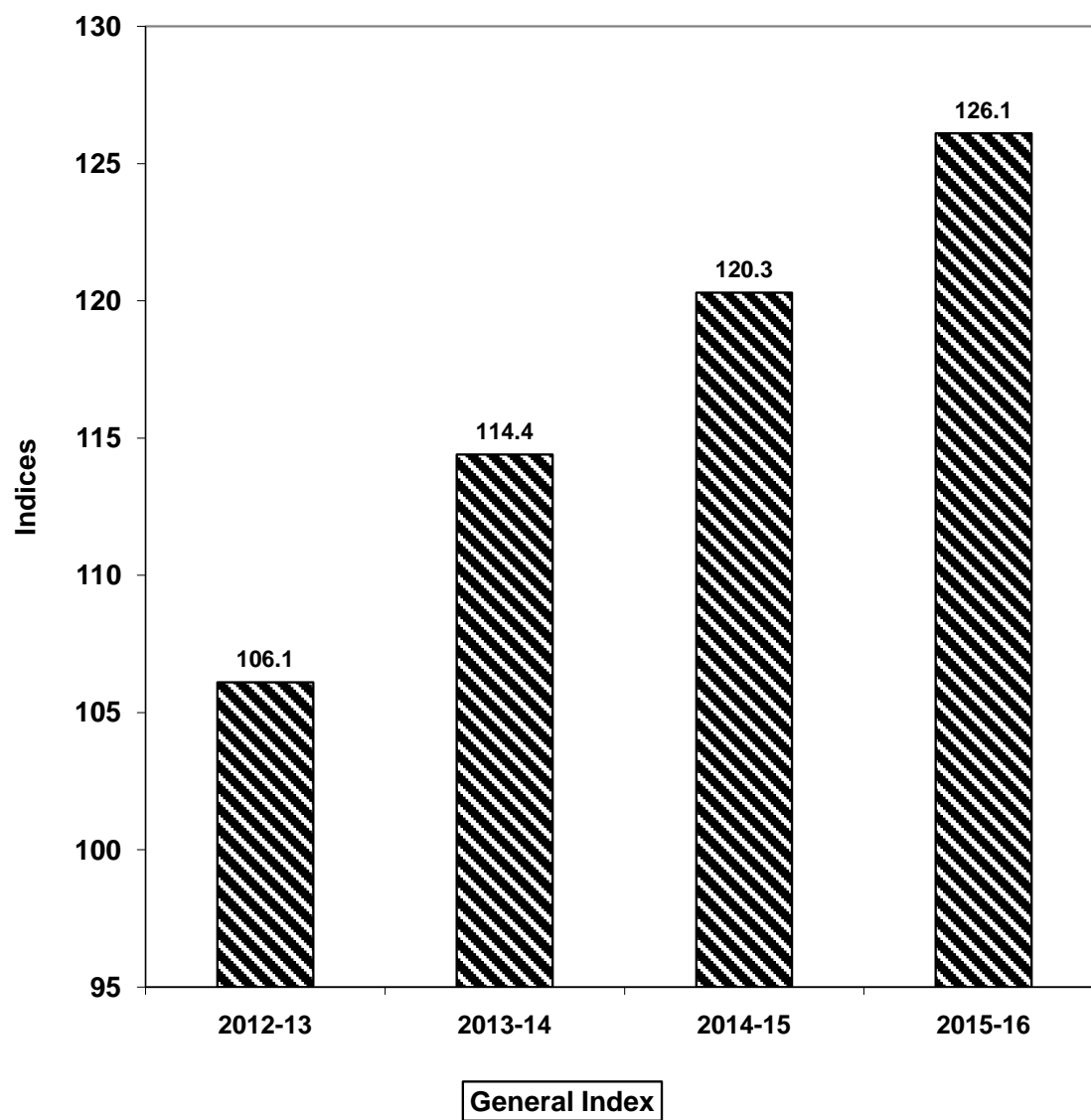


Table 2.3 (Contd.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100 INDEX			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
10-			Manufacture of Food Products	83.50	96.4	109.9	135.4	170.2
					(-3.6)	(14.0)	(23.2)	(25.7)
1	103	2139300	Dried vegetables	0.26	99.9	58.6	12.0	73.7
					(-0.1)	(-41.4)	(-79.5)	(514.7)
2	103	2399500	Sauces; mixed condiments; mustard flour and meal; prepared mustard	0.35	70.8	68.6	63.8	79.7
					(-29.2)	(-3.1)	(-7.0)	(24.9)
3	104	2159001	Other vegetable oils and fats, refined	1.02	98.3	149.4	163.0	171.2
					(-1.7)	(52.0)	(9.1)	(5.0)
4	105	2221200	Skim milk and whey powder	0.74	123.4	140.7	273.6	299.9
					(23.4)	(14.0)	(94.5)	(9.6)
5	105	2222902	Milk	1.92	110.8	120.8	116.3	108.7
					(10.8)	(9.0)	(-3.7)	(-6.6)
6	105	2224100	Butter and other fats and oils derived from milk of cattle	1.34	80.3	94.4	109.0	119.6
					(-19.7)	(17.6)	(15.5)	(9.7)
7	106	2316201	Rice basmati	56.51	101.1	120.7	156.4	214.6
					(1.1)	(19.4)	(29.6)	(37.2)
8	106	3913004	Guar kernel	9.21	37.2	44.8	39.6	18.1
					(-62.7)	(20.4)	(-11.6)	(-54.4)
9	107	2321011	Sugar	2.02	96.5	102.3	110.3	103.7
					(-3.5)	(6.0)	(7.8)	(-5.9)
10	107	2342001	Biscuits	1.41	88.2	81.6	79.2	85.1
					(-11.8)	(-7.4)	(-3.0)	(7.4)
11	107	2352000	Refined sugar	2.89	184.0	103.6	128.5	51.3
					(84.0)	(-43.7)	(24.0)	(-60.0)
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	101.7	112.1	91.0	91.4
					(1.7)	(10.2)	(-18.8)	(0.5)
13	107	2391301	Black Tea (CTC)	1.09	103.8	144.0	158.1	203.3
					(3.8)	(38.7)	(9.8)	(28.6)
14	107	3912006	Mud / molasses waste	0.89	88.9	116.5	121.9	71.8
					(-11.1)	(31.0)	(4.6)	(-41.1)
15	108	3912004	Gola (cattle feed)	0.17	90.6	78.6	108.6	98.6
					(-9.4)	(-13.2)	(38.1)	(-9.2)
16	108	3912005	Husk (animal feed)	0.63	91.4	78.4	88.0	67.9
					(-8.6)	(-14.2)	(12.2)	(-22.8)
11-			Manufacture of Beverages	12.57	87.4	75.9	78.5	79.3
					(-12.6)	(-13.2)	(3.4)	(1.0)
17	110	2413101	Country Liquor and it variant	3.65	66.3	49.1	49.4	72.7
					(-33.7)	(-26.0)	(0.7)	(47.2)
18	110	2431000	Beer made from malt	2.46	84.3	62.1	77.0	63.1
					(-15.7)	(-26.3)	(24.0)	(-18.1)
19	110	2432000	Malt, whether or not roasted	1.46	102.4	91.1	66.9	85.4
					(2.4)	(-11.0)	(-26.6)	(27.6)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
20	110	2449002	Soft drink, carbonated beverage other than soda water	3.72	102.5 (2.5)	101.9 (-0.6)	115.9 (13.8)	93.9 (-19.0)
21	110	3413104	Rectified spirit	1.29	92.9 (-7.1)	85.7 (-7.8)	68.5 (-20.1)	79.7 (16.5)
12- Manufacture of Tobacco Products				0.75	98.6 (-1.4)	105.0 (6.5)	112.9 (7.6)	120.8 (7.0)
22	120	2142900	Other shelled nuts	0.10	100.8 (0.8)	113.2 (12.3)	110.2 (-2.7)	106.8 (-3.0)
23	120	2501005	Tobacco, chewing (scented or not)	0.65	98.3 (-1.7)	103.8 (5.6)	113.4 (9.3)	122.9 (8.4)
13- Manufacture of Textiles				40.43	136.3 (36.3)	169.7 (24.4)	203.8 (20.1)	198.1 (-2.8)
24	131	2616000	Cotton, carded or combed	2.54	131.6 (31.6)	146.0 (11.0)	148.3 (1.6)	123.9 (-16.4)
25	131	2632000	Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale	1.66	117.7 (17.7)	114.4 (-2.8)	123.4 (7.9)	128.3 (3.9)
26	131	2636003	Yarn dyed, cotton	3.02	122.3 (22.3)	126.2 (3.2)	166.6 (32.0)	185.4 (11.3)
27	131	2669004	Cotton fabrics	0.91	158.4 (58.4)	178.5 (12.7)	175.9 (-1.5)	173.1 (-1.6)
28	131	2669010	Fabrics, cotton	2.13	127.0 (27.0)	140.7 (10.7)	127.1 (-9.7)	131.1 (3.2)
29	131	2669024	Lining cloth, cotton	2.18	105.2 (5.2)	139.2 (32.4)	68.6 (-50.7)	131.0 (90.9)
30	131	2671002	Fabrics, mixed	1.43	125.9 (25.9)	173.2 (37.6)	211.0 (21.8)	205.3 (-2.7)
31	131	2671005	Fabrics, polyester fibre	1.62	556.1 (456.1)	801.6 (44.1)	1034.7 (29.1)	1092.6 (5.6)
32	131	2671013	Man-made fibre fabrics	2.16	215.7 (115.7)	264.4 (22.6)	236.8 (-10.4)	236.3 (-0.2)
33	139	2671008	Fabrics/cloth	2.08	196.1 (96.1)	199.8 (1.9)	222.0 (11.1)	225.8 (1.7)
34	139	2684002	Terry towell (cotton)	2.70	80.5 (-19.5)	70.7 (-12.2)	74.7 (5.7)	69.5 (-7.0)
35	139	2711001	Blankets	1.35	168.2 (68.2)	264.7 (57.4)	301.7 (14.0)	294.2 (-2.5)
36	139	2721000	Carpets & other textile floor coverings knotted	4.64	96.0 (-4.0)	101.3 (5.5)	98.0 (-3.3)	102.1 (4.2)
37	139	2723000	Carpets and other textile floor coverings, tufted	12.02	93.6 (-6.4)	133.3 (42.3)	212.9 (59.8)	174.5 (-18.0)
14- Manufacture of wearing apparel				49.68	98.5 (-1.5)	101.7 (3.3)	119.0 (17.0)	123.2 (3.5)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
1	2			3	4			
38	141	2669012	Garment cloth, cotton	6.68	109.3 (9.3)	141.3 (29.2)	144.0 (1.9)	187.2 (30.0)
39	141	2825001	Garments made up of textile fabrics coated with other materials	30.01	99.0 (-1.0)	97.9 (-1.1)	127.2 (29.9)	127.3 (0.1)
40	141	2825004	Garments made up of textile fabrics impregnated	12.98	91.6 (-8.4)	90.0 (-1.7)	87.2 (-3.1)	80.7 (-7.5)
15-Manufacture of leather and related products				27.44	92.1 (-7.9)	94.6 (2.7)	98.9 (4.5)	103.9 (5.1)
41	151	2833006	Hand bag, artificial fur	3.50	57.2 (-42.8)	57.5 (0.5)	61.2 (6.5)	53.4 (-12.7)
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	67.1 (-32.9)	77.8 (15.9)	78.3 (0.6)	82.7 (5.7)
43	152	2949000	Other sports footwear, except skating boots	3.39	129.2 (29.2)	154.5 (19.6)	197.7 (27.9)	203.4 (2.9)
44	152	2951000	Footwear incorporating a protective metal toe-cap, except those covered in subclass 29320	16.24	98.5 (-1.5)	94.5 (4.0)	91.8 (-2.8)	99.6 (8.5)
16- Manufacture of wood & products of wood & cork, except furniture; manufacture of articles of straw & articles of straw & plaiting materials				3.09	141.3 (41.3)	209.6 (48.3)	186.3 (-11.1)	177.1 (-4.9)
45	161	3110005	Wood cutting processed sized	0.04	100.5 (0.5)	77.4 (-23.0)	87.6 (13.2)	127.7 (45.7)
46	161	3110014	Wooden chips	0.02	116.7 (16.7)	122.5 (5.0)	103.9 (-15.2)	100.9 (-2.9)
47	162	3141001	Plywood board	1.14	68.5 (-31.5)	59.8 (-12.6)	56.7 (-5.3)	73.5 (29.6)
48	162	3142001	Plywood decorative	0.79	283.9 (183.9)	567.6 (99.9)	491.7 (-13.4)	428.4 (-12.9)
49	162	3151001	Plywood	1.10	115.9 (15.9)	113.0 (-2.5)	105.4 (-6.7)	106.6 (1.1)
17- Manufacture of paper & paper products				9.27	99.2 (-0.8)	101.7 (2.5)	103.9 (2.2)	119.1 (14.7)
50	170	3212924	Paper, printing & writing	5.87	94.8 (-5.2)	99.2 (4.6)	96.6 (-2.6)	130.1 (34.6)
51	170	3214917	Paper polythene coated	0.65	109.2 (9.2)	114.4 (4.8)	207.6 (81.4)	147.6 (-28.9)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
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	128.0	110.0	97.9	94.7
53	170	3215301	Boxes, corrugated sheet	0.95	(28.0) 81.5	(-14.1) 80.2	(-10.9) 76.8	(-3.3) 64.0
54	170	3633021	Sheet laminated plastic	1.16	(-18.5) 114.6	(-1.6) 120.2	(-4.2) 108.0	(-16.7) 106.4
18- Printing and reproduction of recorded media				4.16	(14.6) 136.5	(4.9) 155.7	(-10.1) 160.6	(-1.6) 156.7
55	181	3229901	Books	3.73	(36.5) 141.3	(14.0) 153.7	(3.1) 164.4	(-2.4) 161.1
56	181	3924001	Waste paper	0.43	(41.3) 95.4	(8.8) 172.6	(7.0) 127.6	(-2.0) 119.0
19- Manufacture of cock and refined petroleum products				0.41	(-4.6) 99.1	(80.9) 83.7	(-26.1) 91.0	(-6.7) 110.5
57	192	1720001	Argon gas	0.05	(-0.9) 103.1	(-15.6) 100.5	(8.8) 99.2	(21.4) 92.9
58	192	3421010	Nitrogen, liquid	0.13	(3.1) 100.6	(-2.5) 117.9	(-1.3) 130.5	(-6.4) 180.8
59	192	3421013	Oxygen liquid	0.23	(0.6) 97.5	(17.3) 61.6	(10.6) 67.9	(38.6) 76.2
20- Manufacture of chemical and chemical products				23.19	(-2.5) 104.0	(-36.9) 124.2	(10.3) 113.7	(12.2) 108.7
60	201	3461100	Urea	4.33	(4.0) 82.8	(19.4) 102.4	(-8.5) 102.4	(-4.4) 87.1
61	202	1533003	Bitumen	2.93	(-17.2) 95.0	(23.6) 102.4	(0.0) 102.9	(-14.9) 83.1
62	202	3511064	Paint	8.61	(-5.0) 104.0	(7.8) 104.1	(0.5) 116.1	(-19.3) 118.9
63	202	3511070	Paints, plastic emulsion	3.96	(4.0) 129.7	(0.1) 225.5	(11.5) 133.1	(2.4) 132.5
64	202	3511079	Primer, stoving, synthetic	3.04	(29.7) 101.9	(73.9) 98.2	(-41.0) 110.3	(-0.5) 114.9
65	203	3699015	Rexin	0.33	(1.9) 175.4	(-3.6) 155.6	(12.4) 96.4	(4.2) 10.8
21- Manufacture of Pharmaceuticals, medicinal chemical and botanical				13.35	(75.4) 109.3	(-11.3) 112.2	(-38.0) 120.9	(-8.8) 132.2
66	210	3526011	Antidiabetic drugs excl.insulin	1.69	(9.3) 481.4	(2.7) 496.2	(7.7) 503.3	(9.4) 579.3
67	210	3526062	Ointments, allopathic	6.66	(381.4) 42.4	(3.1) 44.3	(1.4) 37.8	(15.1) 55.2
					(-57.6)	(4.6)	(-14.7)	(46.0)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
68	210	3527080	Vaccine for veterinary medicine	1.54	110.4 (10.4)	90.1 (-18.3)	100.3 (11.3)	153.1 (52.6)
69	210	3529005	Bandage including adhesive gauze bandage	1.39	114.0 (14.0)	136.9 (20.1)	227.5 (66.2)	106.9 (-53.0)
70	210	3542000	Glues & gelatine, peptones & their derivatives & related product caseinates & other casein derivatives; albuminates & other albumin derivatives	2.07	16.8 (-83.2)	16.9 (0.5)	19.4 (14.6)	16.1 (-17.0)
22- Manufacture of rubber and plastic/products				22.53	76.3 (-23.7)	88.2 (15.6)	86.8 (-1.6)	90.3 (4.1)
71	221	2799802	Conveyor belts	5.23	24.7 (-75.3)	10.0 (-59.6)	9.1 (-8.5)	7.0 (-23.6)
72	221	3611103	Tyre tractor	6.79	72.3 (-27.7)	72.9 (0.9)	80.0 (9.7)	85.5 (6.9)
73	221	3626046	Rubber cloth/sheet	2.41	99.3 (-0.7)	98.9 (-0.3)	124.1 (25.4)	131.3 (5.8)
74	221	4994205	Rubber brake lining	1.88	101.2 (1.2)	142.4 (40.8)	152.5 (7.1)	137.9 (-9.6)
75	222	2960000	Parts of footwear; removable insoles, heel cushions and similar articles; gaiters, leggings & similar articles, and parts thereof	0.52	111.2 (11.2)	118.1 (6.3)	112.3 (-4.9)	104.0 (-7.4)
76	222	3474010	Unsaturated Polyester Resin	0.85	86.3 (-13.7)	164.6 (90.9)	200.9 (22.0)	220.3 (9.7)
77	222	3641008	Plastic bag	0.71	112.5 (12.5)	118.3 (5.2)	137.0 (15.8)	122.0 (-11.0)
78	222	3699004	Button plastic	0.78	50.3 (-49.7)	142.7 (183.5)	54.1 (-62.1)	87.3 (61.3)
79	222	3699007	Components plastic	1.93	176.6 (76.6)	208.9 (18.3)	172.4 (-17.5)	166.4 (-3.5)
80	222	3892400	Button moulds and other parts of buttons; button blanks; parts of slide fasteners	1.42	54.3 (-45.7)	93.2 (71.7)	54.0 (-42.0)	87.2 (61.5)
23- Manufacture of other none metallic products				18.73	96.5 (-3.5)	89.7 (-7.1)	112.6 (25.5)	108.2 (-3.9)
81	231	3711205	Glass components	3.72	94.4 (-5.6)	85.9 (-9.0)	98.3 (14.3)	104.4 (6.2)
82	231	3712103	Fibre glass sheet/board	0.79	67.7 (-32.3)	70.8 (4.5)	74.2 (4.9)	80.4 (8.3)
83	239	1532007	Stone dust/powder	1.69	5.0 (-95.0)	0.6 (-88.0)	84.0 (13827.8)	45.9 (-45.3)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
1	2			3	4			
84	239	3731005	Ceramic tiles	2.35	96.2 (-3.8)	105.4 (9.6)	110.6 (4.9)	79.6 (-28.0)
85	239	3744001	Cement, White	2.96	116.3 (16.3)	76.7 (-34.0)	153.6 (100.2)	235.0 (53.0)
86	239	3744007	Cement, others products	0.88	88.6 (-11.7)	81.8 (-7.7)	78.0 (-4.7)	76.0 (-2.5)
87	239	3744008	Cement, portland	2.27	108.0 (8.0)	114.4 (6.0)	134.2 (17.3)	83.5 (-37.8)
88	239	3754000	Tiles, flagstones, bricks and similar articles, of cement, concrete or artificial stone	2.15	139.1 (39.1)	145.2 (4.4)	122.5 (-15.6)	83.3 (-32.0)
89	239	3757001	Asbestos , corrugated sheet	0.83	104.1 (4.1)	91.1 (-12.5)	98.1 (7.6)	115.5 (17.7)
90	239	4291104	Sanitary ware others of iron and steel	1.08	107.0 (7.0)	100.3 (-6.3)	101.5 (1.2)	76.6 (-24.5)
24- Manufacture of basic matels				48.60	107.0 (7.0)	104.5 (-2.3)	104.7 (0.2)	100.4 (-4.1)
91	241	4121102	Plates, hot rolled	19.63	103.3 (3.3)	103.2 (-0.1)	101.4 (-1.8)	97.2 (-4.1)
92	241	4122201	C R sheet l t 600 mm	3.12	170.9 (70.9)	102.5 (-40.0)	101.3 (-1.2)	78.0 (-23.0)
93	241	4125106	Cold finished/formed of flat rolled products	14.95	100.6 (0.6)	102.3 (1.6)	99.3 (-2.9)	90.4 (-9.0)
94	242	4141304	Copper wire bars, refined	0.63	106.0 (6.0)	95.9 (-9.5)	125.3 (30.7)	194.4 (55.1)
95	242	4141305	Copper zinc base alloys, brass	1.07	84.9 (-15.1)	100.3 (18.1)	62.3 (-37.8)	68.7 (10.2)
96	242	4143102	Aluminium ingots	0.65	94.6 (-5.4)	76.4 (-19.3)	72.1 (-5.5)	79.1 (9.6)
97	242	4153201	Aluminium alloys profile hollow	0.43	120.1 (20.1)	104.6 (-12.9)	98.5 (-5.8)	84.7 (-14.0)
98	242	4153402	Aluminium circles alloyed	1.01	98.1 (-1.9)	82.0 (-16.4)	75.8 (-7.6)	513.3 (577.0)
99	243	4111102	Cast iron	0.74	101.2 (1.2)	111.4 (10.1)	123.7 (11.0)	115.4 (-6.7)
100	243	4128104	Tubes, pipes of stainless steel	6.37	108.5 (8.5)	121.8 (12.3)	140.8 (15.6)	76.8 (-45.5)
25- Manufacture of fabricated metal products, except machinery and equipment				32.54	98.4 (-1.6)	126.8 (28.8)	145.9 (15.1)	123.5 (-15.4)
101	251	3870206	Heavy machinery for fabrication	0.45	119.0 (19.0)	100.6 (-15.5)	79.1 (-21.4)	264.3 (234.3)
102	251	4211007	Towers for transmission lines of iron & steel	0.83	89.6 (-10.4)	107.8 (20.3)	124.8 (15.7)	123.2 (-1.2)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
103	251	4222005	Liquefied petroleum gas (LPG) cylinders of iron and steel	3.76	95.8 (-4.2)	180.0 (87.9)	227.6 (26.4)	198.1 (-13.0)
104	259	4291214	Utensils of iron (other than cast iron) or steel , enamelled	13.99	105.3 (5.3)	147.2 (39.8)	168.8 (14.7)	129.1 (-23.5)
105	259	4292110	Grease guns excl compressed air type	1.97	85.2 (-14.8)	78.8 (-7.5)	104.6 (32.8)	94.8 (-9.4)
106	259	4294403	Bolts, screws, nuts, iron /steel	3.61	91.1 (-8.9)	87.6 (-3.8)	102.8 (17.3)	98.4 (-4.3)
107	259	4294413	Machine screw iron and steel	3.55	101.0 (1.0)	93.9 (-7.0)	107.8 (14.8)	87.7 (-18.6)
108	259	4421706	Forging, die stamping machines incl. Presses and hammers	1.66	83.7 (-16.3)	95.1 (13.6)	83.9 (-11.8)	80.3 (-4.4)
109	259	4412701	Link forging	2.71	90.8 (-9.2)	107.2 (18.1)	107.8 (0.5)	95.0 (-11.9)
26- Manufacture of computer, electronic and optical products				11.15	114.5 (14.5)	101.1 (-11.7)	121.2 (19.9)	125.2 (3.2)
110	261	3633010	Film polyester (metalised)	2.17	101.5 (1.5)	127.2 (25.2)	143.1 (12.5)	140.8 (-1.6)
111	261	4713002	Electronic p c b /micro circuit	0.58	106.0 (6.0)	93.8 (-11.6)	71.6 (-23.6)	30.6 (-57.3)
112	263	4824400	Instruments and apparatus (except cathode-ray oscilloscopes and oscillographs) for telecommunications	5.95	100.2 (0.2)	81.8 (-18.3)	118.4 (44.6)	137.1 (15.8)
113	264	4769103	Audio cd/dvd player	0.11	95.7 (-4.3)	102.0 (6.5)	109.5 (7.4)	100.4 (-8.3)
114	265	4823200	Drafting tables and machines, and other drawing, marking-out or mathematical calculating instruments	0.62	110.3 (10.3)	107.1 (-2.9)	115.4 (7.8)	130.8 (13.3)
115	265	4824303	Meter, electric -others	1.24	205.6 (105.6)	169.7 (-17.5)	112.9 (-33.5)	75.6 (-33.0)
116	266	4812100	Electro-diagnostic apparatus, used in medical, surgical, dental	0.00	159.5 (59.5)	140.2 (-12.1)	181.3 (29.4)	44.8 (-75.3)
117	267	4831301	Optical components	0.12	69.8 (-30.2)	71.2 (2.0)	395.9 (456.4)	273.0 (-31.1)
118	267	4826101	Biological microscope	0.36	155.3 (55.3)	37.2 (-76.0)	66.1 (77.6)	105.8 (59.9)
27- Manufacture of electrical equipment				58.22	100.7 (0.7)	111.2 (10.3)	115.1 (3.6)	118.2 (2.6)
119	271	4613100	Parts of electric motors, generator & the like	7.64	117.9 (17.9)	116.1 (-1.5)	141.1 (21.5)	139.0 (-1.5)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
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	130.4 (30.4)	125.2 (-3.9)	148.6 (18.6)	161.0 (8.4)
121	271	4622000	Parts of electricity distribution or control apparatus	24.72	79.9 (-20.1)	93.6 (17.1)	79.2 (-15.4)	98.1 (23.9)
122	273	3870203	Fabricated metal products	1.33	255.9 (155.9)	370.3 (44.7)	379.5 (2.5)	368.7 (-2.8)
123	273	4126701	Wire, stainless steel, electrode quality	0.81	136.7 (36.7)	152.2 (11.4)	193.3 (27.0)	112.4 (-41.8)
124	273	4632003	Cable, pvc insulated	1.61	125.0 (25.0)	109.4 (-12.5)	109.4 (0.0)	127.3 (16.3)
125	273	4632004	Cable, rubber insulated	0.36	128.1 (28.1)	85.1 (-33.6)	85.8 (0.8)	88.1 (2.7)
126	274	4653101	Light fitting accessories	5.47	87.8 (-12.2)	110.8 (26.1)	113.6 (2.6)	114.6 (0.8)
127	274	4653901	Fluorescent tubes	2.00	92.5 (-7.5)	116.5 (26.0)	170.9 (46.7)	153.6 (-10.1)
128	275	4611205	Motors, fan	5.84	104.0 (4.0)	106.4 (2.3)	123.6 (16.2)	83.3 (-32.7)
129	279	4636000	Optical fibre cables made up of individually sheathed fibres	3.60	107.6 (7.6)	106.4 (-1.1)	109.5 (2.9)	104.4 (-4.7)
28- Manufacture of machinery equipment n.e.c				106.63	125.9 (25.9)	130.9 (4.0)	125.3 (-4.2)	170.3 (35.8)
130	281	3466102	Acephate / Speedometer	10.10	113.0 (13.0)	110.0 (-2.7)	139.4 (26.8)	124.6 (-10.6)
131	281	3934002	Scrap cast iron	1.46	77.2 (-22.8)	82.6 (7.1)	75.5 (-8.6)	74.3 (-1.6)
132	281	4311000	Internal combustion piston engines, other than for motor vehicles and aircraft	6.48	106.1 (6.1)	126.3 (19.0)	129.3 (2.4)	116.5 (-9.9)
133	281	4322022	Water pump	2.25	103.9 (3.9)	95.9 (-7.7)	92.7 (-3.4)	76.3 (-17.7)
28- Manufacture of machinery equipment n.e.c				106.63	125.9 (25.9)	130.9 (4.0)	125.3 (-4.2)	170.3 (35.8)
130	281	3466102	Acephate / Speedometer	10.10	113.0 (13.0)	110.0 (-2.7)	139.4 (26.8)	124.6 (-10.6)
131	281	3934002	Scrap cast iron	1.46	77.2 (-22.8)	82.6 (7.1)	75.5 (-8.6)	74.3 (-1.6)
132	281	4311000	Internal combustion piston engines, other than for motor vehicles and aircraft	6.48	106.1 (6.1)	126.3 (19.0)	129.3 (2.4)	116.5 (-9.9)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
1	2	3	4	3	4	5	6	7
133	281	4322022	Water pump	2.25	103.9	95.9	92.7	76.3
					(3.9)	(-7.7)	(-3.4)	(-17.7)
134	281	4323003	Compressors used in refrigerator	6.64	189.2	229.1	249.4	197.5
					(89.2)	(21.1)	(8.9)	(-20.8)
135	281	4391203	Air conditioner-window/wall	10.16	115.2	167.2	89.9	633.8
					(15.2)	(45.2)	(-46.2)	(605.1)
136	281	4826601	Hydraulic equipment	2.53	79.9	107.5	106.7	107.1
					(-20.1)	(34.6)	(-0.8)	(0.4)
137	281	4911301	Ac motor car	9.77	129.9	133.6	137.9	141.9
					(29.9)	(2.8)	(3.2)	(2.9)
138	281	4912908	Bearing, steel	1.74	138.0	197.9	215.3	241.7
					(38.0)	(43.4)	(8.8)	(12.3)
139	282	3823007	Diamond tools	1.72	86.0	81.3	84.7	78.7
					(-14.0)	(-5.4)	(4.1)	(-7.1)
140	282	4391402	Filters for beverages	1.86	91.5	0.0	0.0	0.1
					(-8.5)	(-100.0)	(385.5)	(742.4)
141	282	4411201	Cultivators	1.95	125.5	119.1	108.8	83.4
					(25.5)	(-5.0)	(-8.7)	(-23.3)
142	282	4414900	Other agricultural tractors	39.04	102.3	107.4	100.8	129.2
					(2.3)	(5.0)	(-6.2)	(28.2)
143	282	4419900	Parts of agricultural machinery	1.87	72.1	69.7	56.3	56.3
					(-27.9)	(-3.3)	(-19.3)	(0.0)
144	282	4442400	Tamping machines and road rollers, self-propelled	4.53	298.3	217.1	218.6	42.0
					(198.3)	(-27.2)	(0.7)	(-80.8)
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	297.2	263.0	252.7	80.3
					(197.2)	(-11.5)	(-3.9)	(-68.2)
146	282	4515001	Offset printing machines	1.74	135.3	74.9	82.8	97.8
					(35.3)	(-44.7)	(10.6)	(18.1)
29- Manufacture of motor vehicals, trailers and semi trailers				230.72	98.6	105.2	109.9	111.4
					(-1.4)	(6.6)	(4.5)	(1.4)
147	291	4911202	Mini bus / bus - complete	95.53	90.3	84.5	104.9	108.1
					(-9.7)	(6.5)	(24.2)	(3.1)
148	292	4294506	Spring pins	1.64	97.3	79.8	77.0	74.7
					(-2.7)	(-17.9)	(-3.5)	(-3.0)
149	292	4912918	Exhaust tubes	2.08	129.5	142.7	371.3	119.1
					(29.5)	(10.2)	(160.2)	(-67.9)
150	292	4922200	Trailers and semi-trailers of the caravan type, for housing or camping	1.40	89.3	95.6	82.4	94.3
					(-10.7)	(7.0)	(-13.8)	(14.4)
151	292	4923100	Parts and accessories for the goods of subclass 49211	4.92	80.3	93.5	83.7	87.9
					(-19.7)	(16.4)	(-10.6)	(5.0)

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			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
1	2			3	4			
152	293	3811105	Seat for motor vehicle	18.13	90.9	77.9	68.2	68.9
					(-9.1)	(-14.2)	(-12.5)	(1.0)
153	293	4294503	Leaf spring for motor vehicles	6.79	96.3	108.7	124.3	115.9
					(-3.7)	(12.9)	(14.4)	(-6.8)
154	293	4299211	Locks used in motor vehicles	5.13	112.1	83.9	112.3	109.9
					(12.1)	(-25.1)	(33.9)	(-2.2)
155	293	4315106	Parts of petrol engines for motor vehicles	19.17	100.8	95.3	93.8	86.8
					(0.8)	(-5.4)	(-1.5)	(-7.5)
156	293	4325101	Engine assembly parts	14.84	112.3	113.4	92.9	88.6
					(12.3)	(1.0)	(-18.0)	(-4.7)
157	293	4332019	Shafts,all kinds	7.00	119.5	152.4	123.7	138.1
					(19.5)	(27.5)	(-18.8)	(11.7)
158	293	4912901	Air brake sets	12.26	120.3	127.5	147.7	189.9
					(20.3)	(6.0)	(15.8)	(28.6)
159	293	4912902	Auto door rubber fittings	7.68	99.8	307.8	175.2	180.3
					(-0.2)	(208.5)	(-43.1)	(2.9)
160	293	4912904	Axel	4.05	77.3	93.2	83.5	89.4
					(-22.7)	(20.5)	(-10.4)	(7.1)
161	293	4912923	Gear boxes, motor vehicles	6.70	91.5	104.9	105.0	107.4
					(-8.5)	(14.7)	(0.0)	(2.3)
162	293	4912924	Gear case assemblies	3.57	150.4	190.4	167.3	160.7
					(50.4)	(26.6)	(-12.2)	(-3.9)
163	293	4912940	Shock absorbers	7.65	119.2	132.4	145.6	156.3
					(19.2)	(11.1)	(9.9)	(7.4)
164	293	4912941	Silencer	3.92	128.6	149.4	131.0	128.7
					(28.6)	(16.2)	(-12.3)	(-1.8)
165	293	4912943	Steering gear control system	8.28	90.8	88.0	95.2	100.1
					(-9.2)	(-3.1)	(8.3)	(5.1)
30- Manufacture of other transport equipement				121.25	116.0	118.3	115.1	116.2
					(16.0)	(2.0)	(-2.8)	(1.0)
166	302	4954017	Tracks, railway/tramway	5.68	122.5	53.4	72.0	99.1
					(22.5)	(-56.4)	(34.7)	(37.7)
167	309	4991202	Motor cycle, racing with cylinder capacity exceeding 50 cc	27.08	134.1	155.9	168.1	160.7
					(34.1)	(16.2)	(7.8)	(-4.4)
168	309	4992202	Parts for motor cycle/moped/ cycle	22.16	111.7	121.8	95.8	97.3
					(11.7)	(9.1)	(-21.4)	(1.6)
169	309	4994100	Parts and accessories of motorcycles and side-cars	66.34	109.5	107.4	103.5	105.9
					(9.5)	(-1.9)	(-3.6)	(2.3)
31- Manufacture of furniture				0.41	94.5	72.5	77.5	93.0
					(-5.5)	(-23.3)	(6.9)	(20.0)
170	310	3814004	Furniture & fixture wooden	0.41	94.5	72.5	77.5	93.0
					(-5.5)	(-23.3)	(6.9)	(20.0)
32- Other Manufacturing				9.21	121.3	219.9	135.8	138.7
					(21.3)	(81.3)	(-38.2)	(2.2)

Table 2.3 (Concl.d.)

Annual Index of Industrial Production in Haryana at Item Level

Sr. No.	NIC-3d	NPCMS	Items	Weight	Base Year 2011-12 =100 INDEX			
					2012-13	2013-14	2014-15	2015-16
					5	6	7	8
171	321	3899701	Ornaments imitation	0.27	74.3 (-25.7)	117.3 (57.9)	103.2 (-12.0)	57.7 (-44.1)
172	323	3626054	Sports goods rubber	0.42	109.7 (9.7)	110.4 (0.6)	103.6 (-6.2)	110.5 (6.7)
173	325	4291301	Blade, stainless steel	0.48	99.0 (-1.0)	91.5 (-7.6)	110.8 (21.0)	100.0 (-9.8)
174	325	4814000	Medical surgical or laboratory sterilizers	5.53	130.7 (30.7)	284.4 (117.6)	149.8 (-47.3)	141.3 (-5.7)
175	325	4831103	Lens, ophthalmic	1.36	95.2 (-4.8)	135.3 (42.1)	131.3 (-3.0)	184.9 (40.9)
176	329	3891108	Pen body plastic	0.38	105.1 (5.1)	110.7 (5.4)	83.0 (-25.1)	72.9 (-12.2)
177	329	3891123	Staplers	0.37	98.7 (-1.3)	98.6 (-0.1)	60.3 (-38.8)	101.0 (67.4)
178	329	3896101	Handicraft / decorative fancy items	0.40	186.0 (86.0)	170.1 (-8.5)	163.3 (-4.0)	173.3 (6.1)
179	401		Electricity	72.17	105.7 (5.7)	109.7 (3.8)	119.5 (9.0)	92.5 (-22.6)

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 good/product 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.

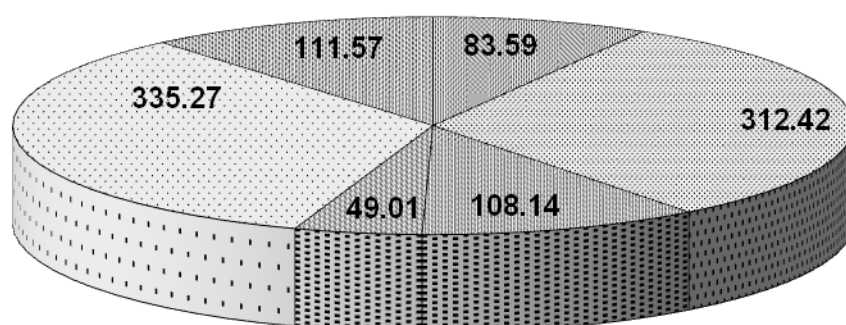
The share of each use-based industry group to the industry sector of the State and the number of industrial groups and items covered representing the use-based groups are as under: -

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

(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

G-3.1 Index of Industrial Production in Haryana
Weights of Industries at Use-Based Classification
 (Base Year 2011-12)



- Primary Goods Industries
- Capital Goods Industries
- Intermediate Goods Industries
- Infrastructure / Construction Goods Industries
- Consumer Durables
- Consumer Non-Durables

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

Sr. No	Industry Group	Weight	Base Year 2011-12=100 Index			
			2012-13	2013-14	2014-15	2015-16
1	2	3	4	5	6	7
1	Primary Goods Industries	83.59	103.7 (3.7)	112.1 (8.1)	122.8 (9.6)	96.7 (-21.2)
2	Capital Goods Industries	312.42	104.4 (4.4)	110.0 (5.4)	115.4 (4.9)	115.4 (0.0)
3	Intermediate Goods Industries	108.14	105.3 (5.3)	119.9 (13.8)	117.8 (-1.7)	109.7 (-6.9)
4	Infrastructure / construction Goods	49.01	107.1 (7.1)	112.6 (5.2)	112.0 (-0.6)	109.8 (-2.0)
5	Consumer Durables	335.27	111.5 (11.5)	120.7 (8.3)	124.6 (3.3)	142.1 (14.0)
6	Consumer Non-Durables	111.57	96.9 (-3.1)	104.7 (8.0)	124.9 (19.2)	152.8 (22.3)
	General IIP	1000.00	106.1 (6.1)	114.4 (7.8)	120.3 (5.2)	126.1 (4.8)

During the year 2015-16, Consumer Non-Durable Industries recorded highest growth of 22.3 percent, followed by Consumer Durables Industries 14.0 percent. Capital Goods industries has stable growth. Primary Goods Industries, Intermediate Goods Industries and Infrastructure/ Construction Goods industries recorded a negative growth of 21.2 percent, 6.9 percent and 2.0 percent, respectively.

A. Primary Goods Industries

Primary Goods Industries which has been assigned the weight of 83.59 recorded a negative growth of 21.2 percent during the year 2015-16 as compared to the previous year. The index of this industry group decreased from 122.8 in 2014-15 to 96.7 in 2015-16. Argon gas, Liquid Nitrogen, Urea, Bitumen, LPG and generation of electricity are the major products in this group. Liquid Nitrogen and Liquid oxygen recorded a notable increase during the year 2015-16. Index of

Electricity, Bitumen, Urea, LPG cylinders of iron and steel 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 115.4 in 2014-15 to 115.4 in 2015-16. Conveyer belts, tyre tractor, link forging, optical components, biological microscope, fabricated metal products, acephate/speedometer, hydraulic equipment, diamond tools, cultivators, spring pins, mini bus, axel and shock absorbers are major products of this group. Heavy machinery for fabrication recorded the highest growth of 234.3 percent followed by tracks, railway/tramway 37.7 percent and conveyor belts 36.5 percent. Self-propelled tamping machine and road rollers, electro-diagnostic apparatus used in medical, surgical, dental, exhaust tubes and wire stainless steel, electrode quality have 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 decreased from 117.8 in 2014-15 to 109.7 in 2015-16 recorded a decreased of 6.9 percent. Mud/molasses waste, wooden chips, plywood board, stone dust powder, hot rolled plates, cast iron, utensils iron or steel enameled, seat for motor vehicle, gear case assemblies and medical surgical or laboratory sterilizers are major products in this group. The manufacturing of aluminum circle alloyed recorded the highest growth of 577.0 percent followed by wood cutting processed sized 45.7 percent and plywood board 29.6 percent during the year 2015-16 over the previous year. Tubes/pipes of stainless steel, stone dust powder, mud/molasses waste and CR Sheets have recorded 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 2.0 percent during the year 2015-16 as the index of this group decreased from 112.0 in 2014-15 to 109.8 in 2015-16. Paint, ceramic tiles, white cement, cold finished/formed of flat rolled products, pvc insulated cables and scrap cast iron etc. are major products in this group. White cement, pvc insulated cable recorded a positive growth of 53.0 percent and 16.3 percent. Ceramic tiles, portland cement, tiles, flagstones, bricks and similar articles of cement, concrete or artificial stone and cold finished/formed of flat rolled products recorded a negative growth in this group.

E. Consumer Durables Industries

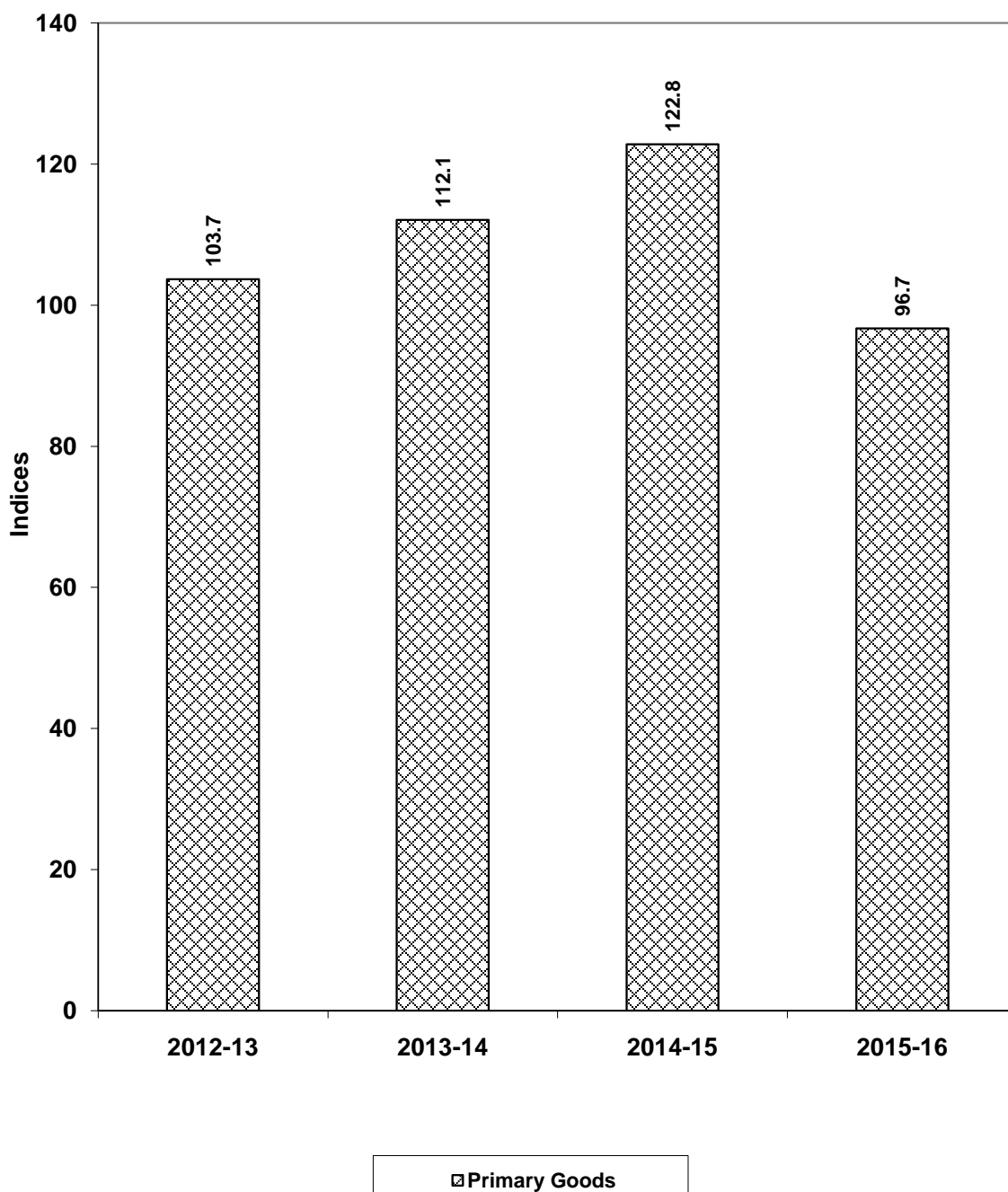
The Consumer Durable Goods Industries has been assigned the weight of 335.27. The Index of this industry group has increased from 124.6 in 2014-15 to 142.1 in 2015-16 recorded a growth of 14.0 percent. Cotton fabrics, manmade fibre fabrics, blankets, artificial far hand bag, printing/writing paper, books, plastic button, audio cd/dvd player, ac motor car, water pump, staplers, silencer and wooden furniture and fixture etc. are the main products of this group. Manufacturing of Air conditioner-window/wall recorded the highest growth of 605.1 percent followed by cotton lining cloth 90.9 percent, button moulds and other parts of buttons 61.5 percent, plastic button 61.3 percent and ophthalmic lens 40.9 percent during the year 2015-16 as compared to 2014-15. The manufacturing of Rexin, electronic pcb/micro circuit, ornaments imitation, and electric meter others have recorded negative growth of 88.8 percent, 57.3 percent, 44.1 percent and 33.0 percent respectively.

F. Consumer Non -Durables Industries

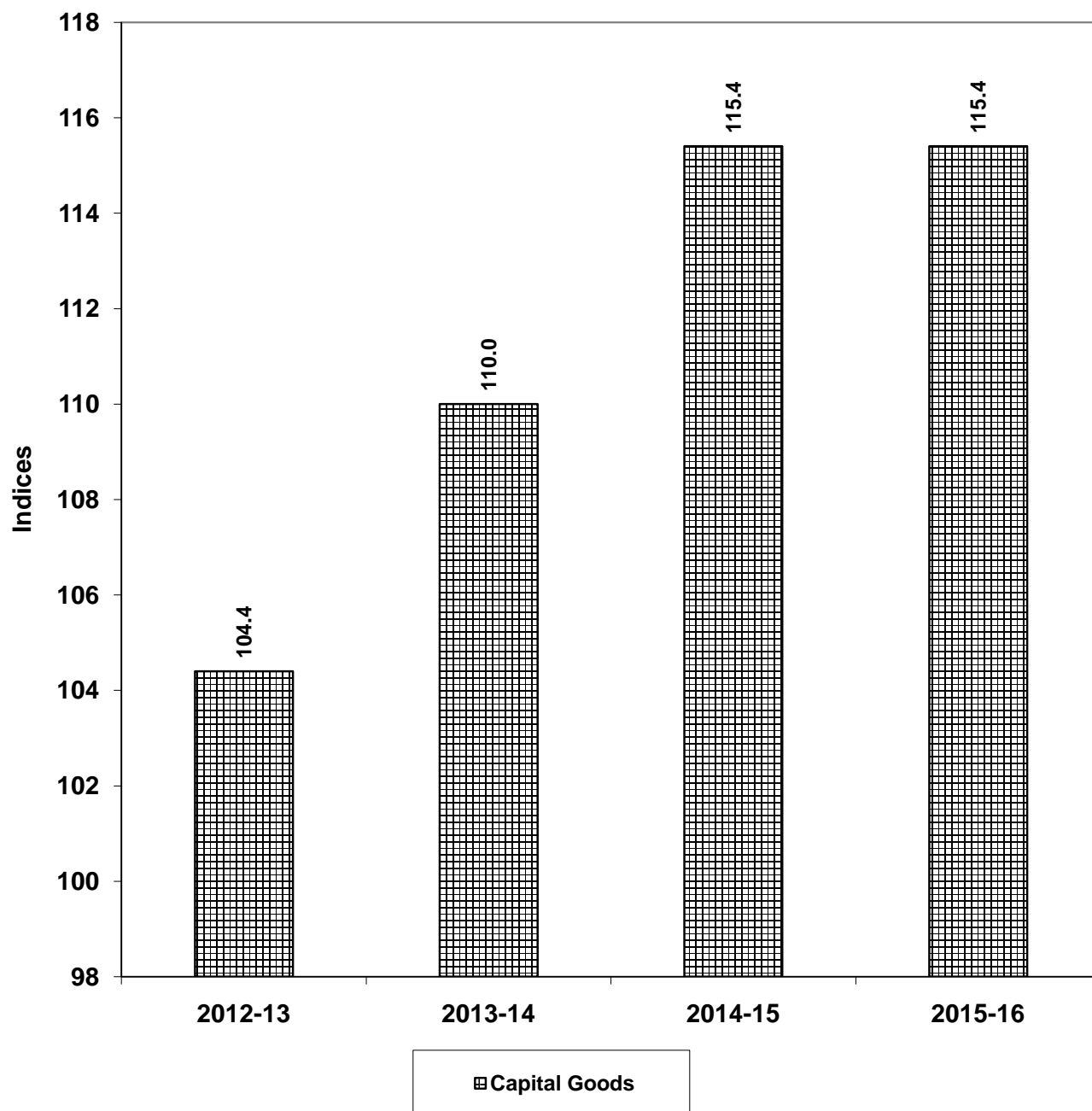
The Consumer Non-Durable Goods Industries has been allotted the weight of 111.57. The Index of this industry group has increased from 124.9 in 2014-15 to 152.8 in 2015-16 and recorded a growth of 22.3 percent as compared to previous year. Dried vegetables, milk, rice basmati, sugar, biscuit, black tea, gola, rectified spirit, waste paper, allopathic ointments and filters for beverages etc. are the major products of this group. The manufacturing of dried vegetables recorded the highest growth of 514.7 percent followed by vaccine for veterinary medicine 52.6 percent and country liquor & its variant 47.2 percent during the year 2015-16 over previous year. Refined sugar, guar kernel, bandage including adhesive gauze bandage, husk, beer made from malt have recorded negative growth.

Index of Industrial Production according to Use-Based classification for the years 2012-13 to 2015-16 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. 3.1

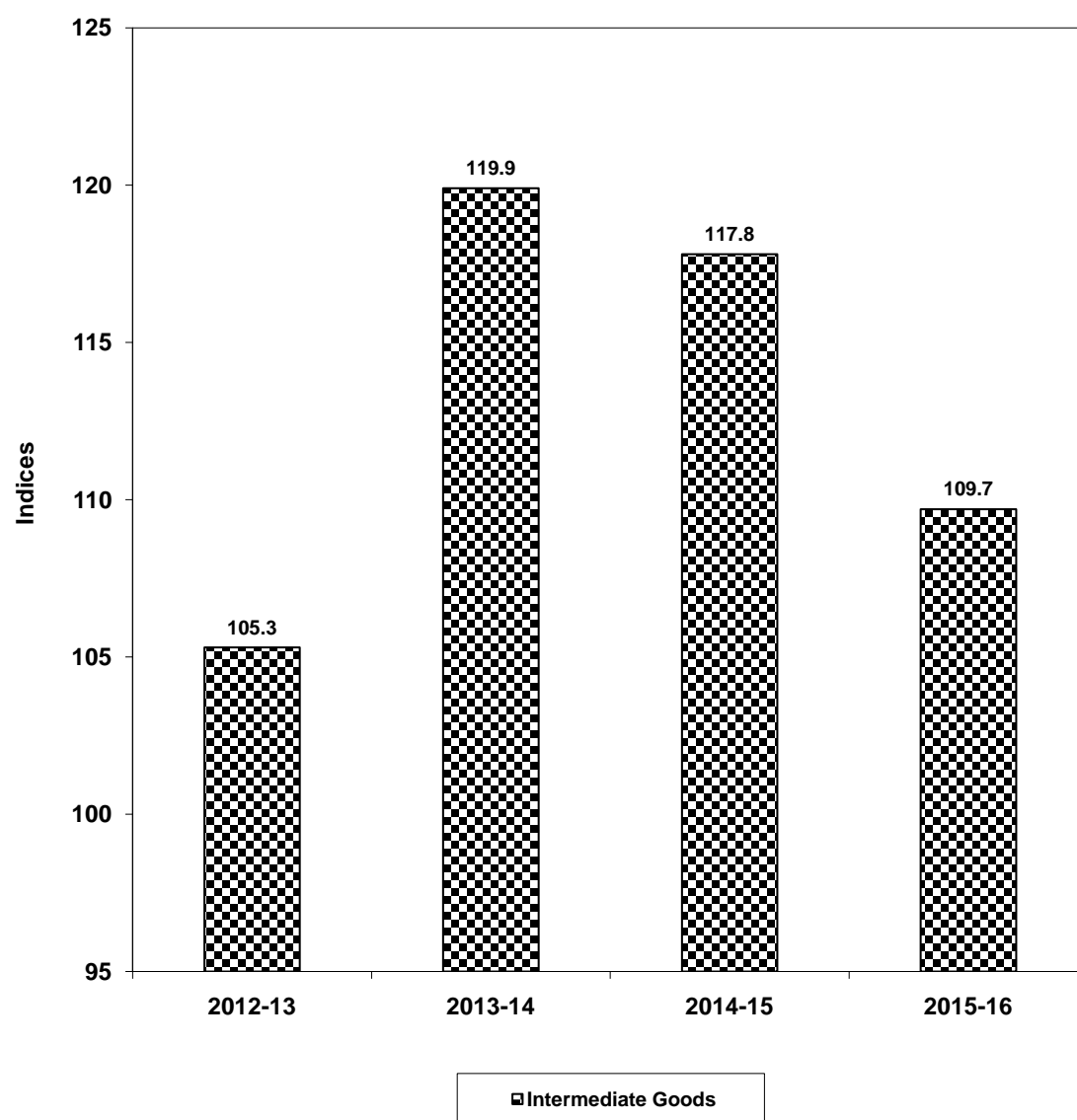
G-3.2 Index of Industrial Production in Haryana
Primary Goods Industries
(Base Year 2011-12)



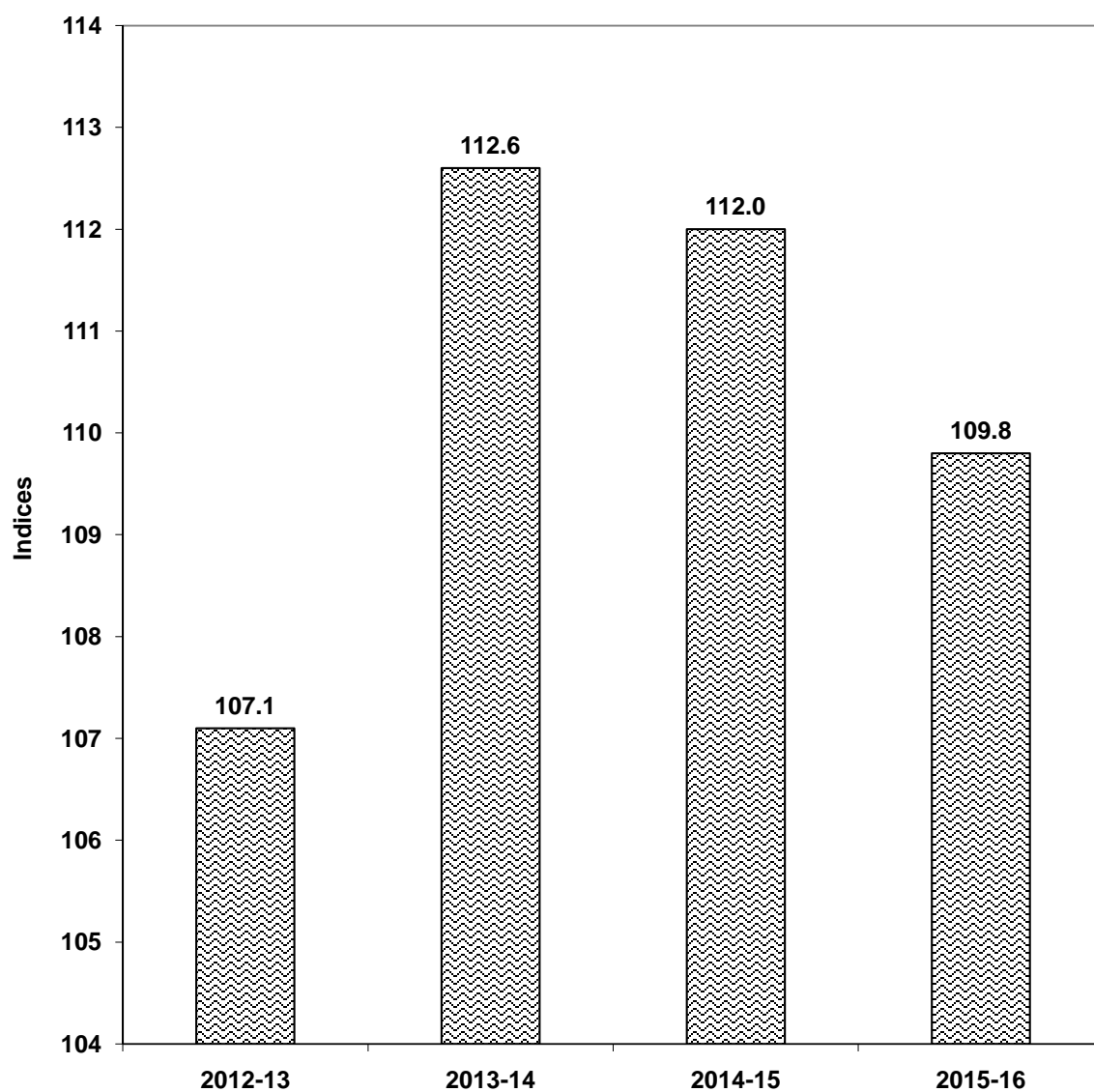
G-3.3 Index of Industrial Production in Haryana
Capital Goods Industries
(Base Year 2011-12)



G-3.4 Index of Industrial Production in Haryana Intermediate Goods Industries
(Base Year 2011-12)



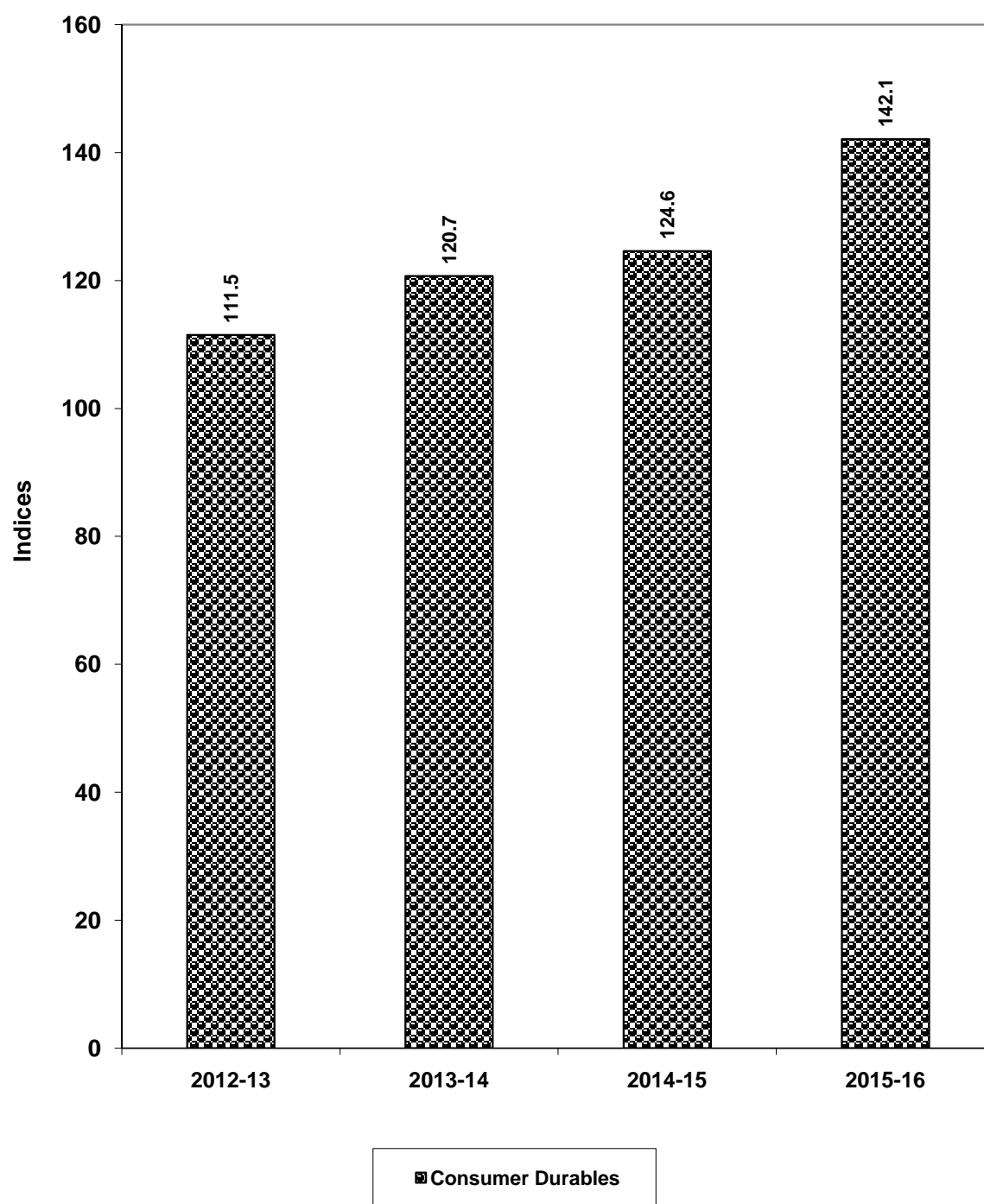
**G-3.5 Index of Industrial Production in Haryana
Infrastructure/Construction Goods Industries
(Base Year 2011-12)**



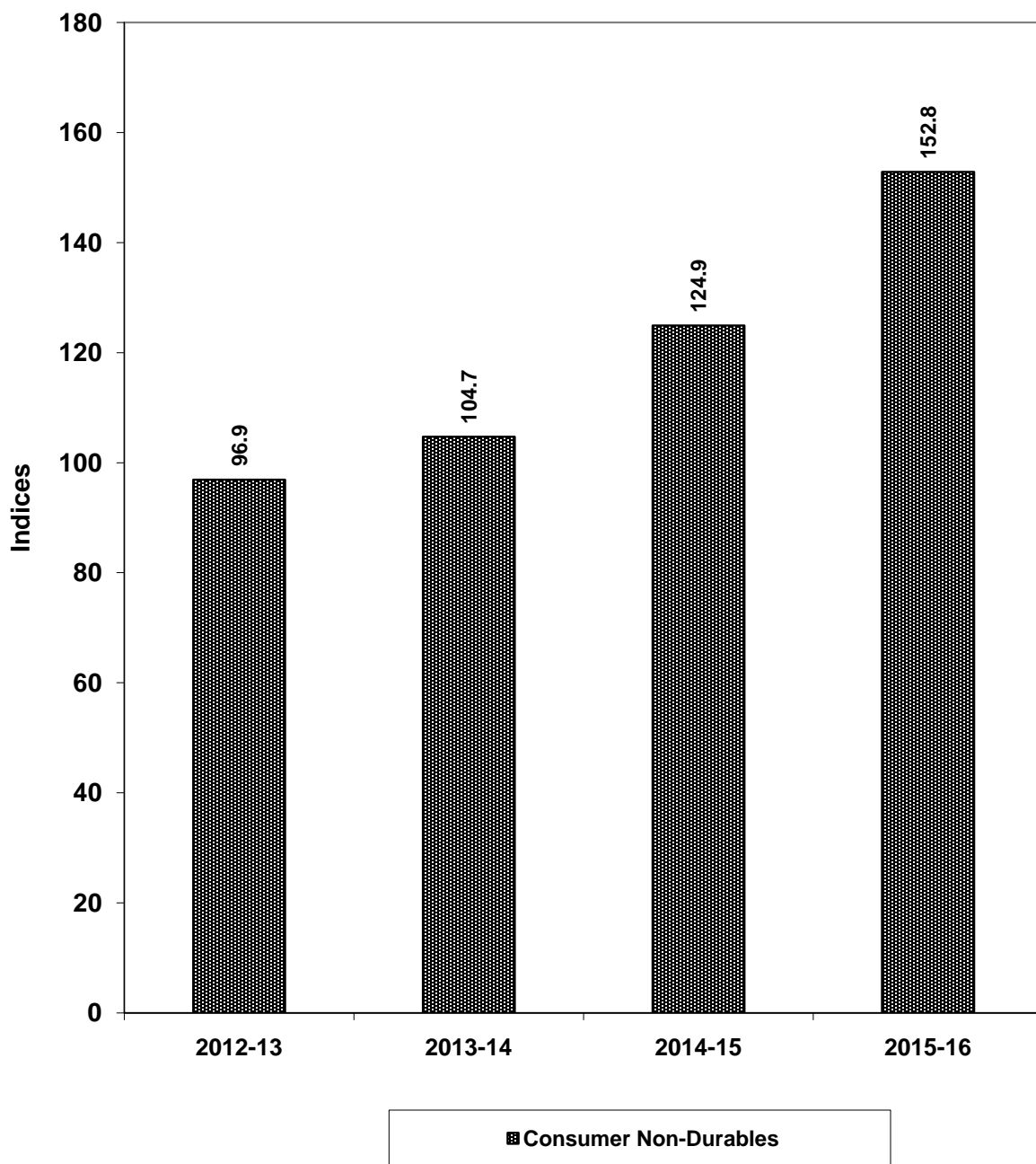
▣ Infrastructure/Construction Goods Industries

G-3.6 Index of Industrial Production in Haryana Consumer Durables Industries

(Base Year 2011-12)



**G-3.7 Index of Industrial Production in Haryana Consumer
Non-Durables Industries**
(Base Year 2011-12)



**G-3.8 Index of Industrial Production in Haryana for
Each Class of Use-Based Industry**
(Base Year 2011-12)

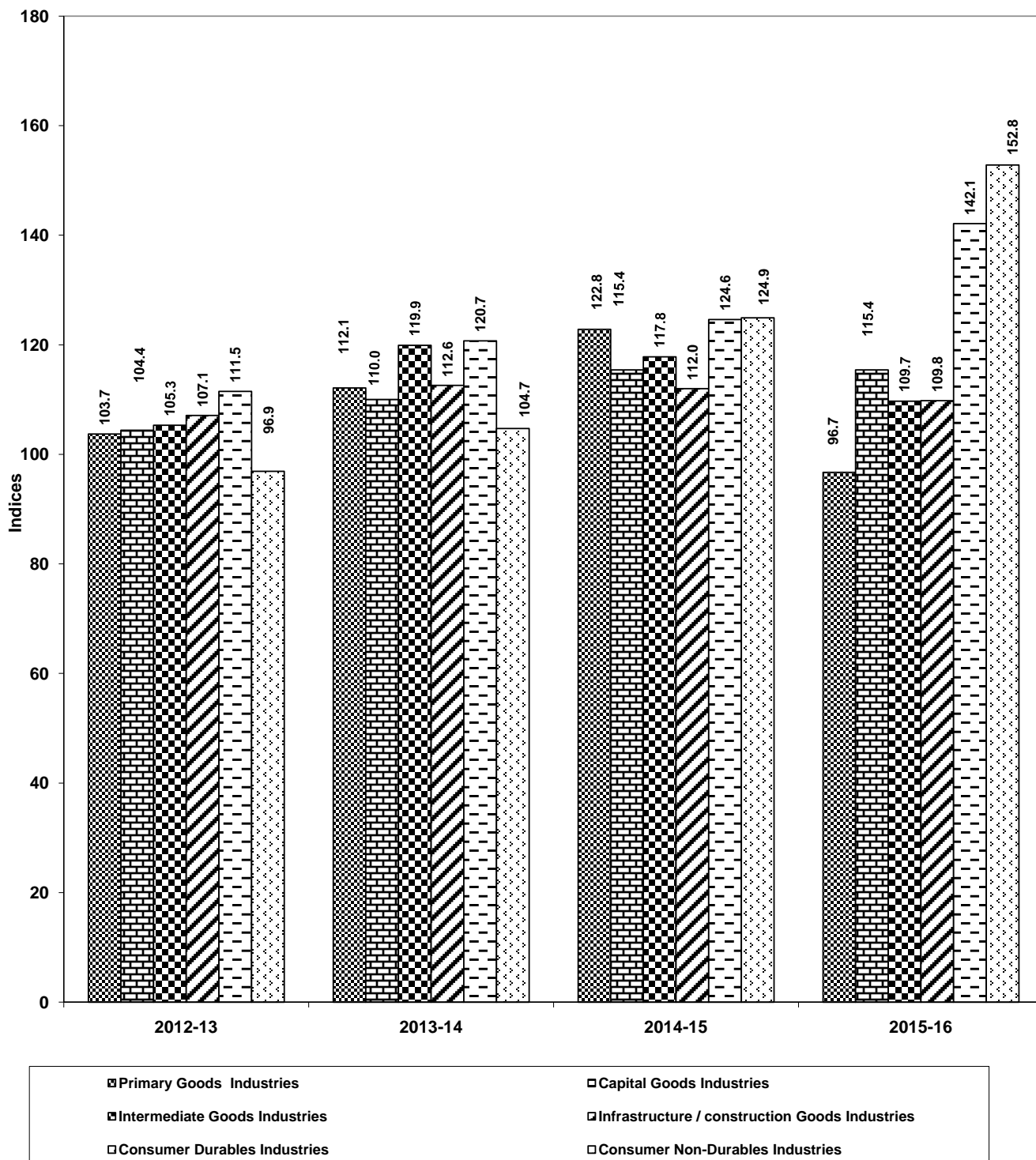


Table- 3.1 (Contd.)

Use-based classification of Index of Industrial Production in Haryana at item level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100			
				Index			
1	2	3	4	2012-13	2013-14	2014-15	2015-16
		General IIP	1000.00	106.1	114.4	120.3	126.1
				(6.1)	(7.8)	(5.2)	(4.8)
A	Primary Goods Industries		83.59	103.7	112.1	122.8	96.7
192	1720001	Argon gas	0.05	5.0	4.9	4.8	4.5
				(3.1)	(-2.5)	(-1.3)	(-6.4)
192	3421010	Nitrogen, liquid	0.13	12.6	14.8	16.4	22.7
				(0.6)	(17.3)	(10.6)	(38.6)
192	3421013	Oxygen liquid	0.23	22.6	14.2	15.7	17.6
				(-2.5)	(-36.9)	(10.3)	(12.2)
201	3461100	Urea	4.33	358.6	443.1	443.0	377.1
				(-17.2)	(23.6)	(0.0)	(-14.9)
202	1533003	Bitumen	2.93	278.3	299.8	301.3	243.3
				(-5.0)	(7.8)	(0.5)	(-19.3)
251	4222005	Liquefied petroleum gas (LPG) cylinders of iron and steel	3.76	360.4	677.1	856.1	745.0
				(-4.2)	(87.9)	(26.4)	(-13.0)
401		Electricity	72.2	140.2	109.7	119.5	92.5
				(-98.1)	(-21.7)	(9.0)	(-22.6)
B	Capital Goods Industries		320.42	104.4	110.0	115.4	115.4
221	2799802	Conveyor belts	5.23	129.1	52.2	47.8	36.5
				(75.3)	(-59.6)	(-8.5)	(-23.6)
221	3611103	Tyre tractor	6.79	490.7	495.0	542.8	580.4
				(-27.7)	(0.9)	(9.7)	(6.9)
221	4994205	Rubber brake lining	1.88	190.4	268.1	287.1	259.5
				(1.2)	(40.8)	(7.1)	(-9.6)
251	3870206	Heavy machinery for fabrication	0.45	54.0	45.7	35.9	120.0
				(19.0)	(-15.5)	(-21.4)	(234.3)
259	4421706	Forging, die stamping machines incl. Presses and hammers	1.66	139.0	158.0	139.4	133.3
				(-16.3)	(13.6)	(-11.8)	(-4.4)
259	4412701	Link forging	2.71	245.7	290.2	291.7	257.0
				(-9.2)	(18.1)	(0.5)	(-11.9)
266	4812100	Electro-diagnostic apparatus, used in medical, surgical, dental	0.00	0.7	0.6	0.8	0.2
				(59.5)	(-12.1)	(29.4)	(-75.3)
267	4831301	Optical components	0.12	8.5	8.7	48.3	33.3
				(-30.2)	(2.0)	(456.4)	(-31.1)
267	4826101	Biological microscope	0.36	55.7	13.4	23.7	37.9
				(55.3)	(76.1)	(77.6)	(59.9)
271	4613100	Parts of electric motors, generators and the like	7.64	900.8	887.2	1078.3	1061.7
				(17.9)	(-1.5)	(21.5)	(-1.5)
271	4622000	Parts of electricity distribution or control apparatus	24.72	1976.1	2313.8	1957.9	2425.1
				(-20.1)	(17.1)	(-15.4)	(23.9)
273	3870203	Fabricated metal products	1.33	339.5	491.3	503.6	489.3
				(155.9)	(44.7)	(2.5)	(-2.8)
273	4126701	Wire, stainless steel, electrode quality	0.81	111.3	124.0	157.4	91.5
				(36.7)	(11.4)	(27.0)	(-41.8)

Table- 3.1 (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			
				2012-13	2013-14	2014-15	2015-16
1	2	3	4	6	7	8	9
275	4611205	Motors, fan	5.84	607.4 (4.0)	621.6 (2.3)	722.1 (16.2)	486.3 (-32.7)
281	3466102	Acephate / Speedometer	10.10	1140.6 (13.0)	1110.3 (-2.7)	1407.3 (26.8)	1258.1 (-10.6)
281	4311000	Internal combustion piston engines, other than for motor vehicles and aircraft	6.48	687.2 (6.1)	818.0 (19.0)	837.4 (2.4)	754.3 (-9.9)
281	4323003	Compressors used in refrigerator	6.64	1255.3 (89.2)	1520.0 (21.1)	1654.8 (8.9)	1310.6 (-20.8)
281	4826601	Hydraulic equipment	2.53	202.0 (-20.1)	271.9 (34.6)	269.8 (-0.8)	270.8 (0.4)
282	3823007	Diamond tools	1.72	147.7 (-14.0)	139.7 (-5.4)	145.4 (4.1)	135.2 (-7.1)
282	4411201	Cultivators	1.95	245.1 (25.5)	232.7 (-5.0)	212.5 (-8.7)	163.0 (-23.3)
282	4414900	Other agricultural tractors	39.04	3993.8 (2.3)	4195.0 (5.0)	3935.0 (-6.2)	5044.9 (28.2)
282	4419900	Parts of agricultural machinery	1.87	134.8 (-27.9)	130.4 (-3.3)	105.2 (-19.3)	105.3 (0.0)
282	4442400	Tamping machines and road rollers, self-propelled	4.53	1352.8 (198.3)	984.7 (-27.2)	991.3 (0.7)	190.7 (-80.8)
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	833.3 (197.2)	737.5 (-11.5)	708.5 (-3.9)	225.0 (-68.2)
282	4515001	Offset printing machines	1.74	234.8 (35.3)	130.0 (-44.7)	143.8 (10.6)	169.8 (18.1)
291	4911202	Mini bus / bus - complete	95.53	8627.8 (-9.7)	8069.9 (-6.5)	10021.3 (24.2)	10329.5 (3.1)
292	4294506	Spring pins	1.64	159.5 (-2.7)	130.9 (-17.9)	126.3 (-3.5)	122.5 (-3.0)
292	4912918	Exhaust tubes	2.08	269.1 (29.5)	296.4 (10.2)	771.3 (160.2)	247.5 (-67.9)
293	4294503	Leaf spring for motor vehicles	6.79	653.6 (-3.7)	737.7 (12.9)	843.6 (14.4)	786.2 (-6.8)
293	4325101	Engine assembly parts	14.84	1666.8 (12.3)	1683.3 (1.0)	1379.6 (-18.0)	1315.2 (-4.7)
293	4332019	Shafts,all kinds	7.00	836.6 (19.5)	1067.0 (27.5)	866.1 (-18.8)	967.1 (11.7)
293	4912901	Air brake sets	12.26	1474.9 (20.3)	1562.9 (6.0)	1810.1 (15.8)	2327.6 (28.6)
293	4912902	Auto door rubber fittings	7.68	766.0 (-0.2)	2363.2 (208.5)	1344.8 (-43.1)	1384.0 (2.9)

Table- 3.1 (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			
1	2	3	4	2012-13	2013-14	2014-15	2015-16
6	7	8	9				
293	4912904	Axel	4.05	313.5 (-22.7)	377.8 (20.5)	338.5 (-10.4)	362.5 (7.1)
293	4912940	Shock absorbers	7.65	911.8 (19.2)	1012.6 (11.1)	1113.3 (9.5)	1195.3 (7.4)
293	4912943	Steering gear control system	8.28	752.2 (-9.2)	728.6 (-3.1)	788.8 (8.3)	829.4 (5.1)
302	4954017	Tracks, railway/tramway	5.68	695.3 (22.5)	303.3 (-56.4)	408.4 (34.7)	562.2 (37.7)
C	Intermediate Goods Industries		112.14	105.3	119.9	117.8	109.7
107	3912006	Mud / molasses waste	0.89	78.9 (-11.1)	103.3 (31.0)	108.1 (4.6)	63.7 (-41.1)
161	3110005	Wood cutting processed sized	0.04	4.1 (0.5)	3.1 (-23.0)	3.5 (13.2)	5.2 (45.7)
161	3110014	Wooden chips	0.02	2.6 (16.7)	2.7 (5.0)	2.3 (-15.2)	2.2 (-2.9)
162	3141001	Plywood board	1.14	77.9 (-31.5)	68.1 (-12.6)	64.5 (-5.3)	83.6 (29.6)
162	3142001	Plywood decorative	0.79	224.9 (183.9)	449.7 (99.9)	389.5 (-13.4)	339.3 (-12.9)
162	3151001	Plywood	1.10	127.2 (15.9)	124.0 (-2.5)	115.7 (-6.7)	116.9 (1.1)
170	3633021	Sheet laminated plastic	1.16	133.0 (14.6)	139.5 (4.9)	125.4 (-10.4)	123.4 (-1.6)
222	3474010	Unsaturated Polyester Resin	0.85	72.9 (-13.7)	139.2 (90.9)	169.8 (22.0)	186.3 (9.7)
231	3712103	Fibre glass sheet/board	0.79	53.8 (-32.3)	56.2 (4.5)	59.0 (4.9)	63.8 (8.3)
239	1532007	Stone dust/powder	1.69	8.5 (-95.0)	1.0 (-88.0)	142.2 (13827.8)	77.7 (-45.3)
239	4291104	Sanitary ware others of iron and steel	1.08	115.6 (7.0)	108.3 (-6.3)	109.6 (1.2)	82.7 (-24.5)
241	4121102	Plates, hot rolled	19.63	2027.9 (3.3)	2026.8 (-0.1)	1990.3 (-1.8)	1907.9 (-4.1)
241	4122201	C R sheet l t 600 mm	3.12	532.7 (70.9)	319.4 (-40.0)	315.7 (-1.2)	243.0 (-23.0)
242	4141304	Copper wire bars, refined	0.63	66.4 (6.0)	60.1 (-9.5)	78.5 (30.7)	121.8 (55.1)
242	4141305	Copper zinc base alloys, brass	1.07	90.7 (-15.1)	107.1 (18.1)	66.6 (-37.8)	73.4 (10.2)
242	4143102	Aluminium ingots	0.65	61.4 (-5.4)	49.5 (-19.3)	46.8 (-5.5)	51.3 (9.6)
242	4153201	Aluminium alloys profile hollow	0.43	52.1 (20.1)	45.4 (-12.9)	42.8 (-5.8)	36.8 (-14.0)
242	4153402	Aluminium circles alloyed	1.01	99.4 (-1.9)	83.2 (-16.4)	76.9 (-7.6)	520.5 (577.0)

Table- 3.1 (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			
1	2	3	4	2012-13	2013-14	2014-15	2015-16
5	6	7	8	9	10	11	12
243	4111102	Cast iron	0.74	74.9	82.4	91.5	85.4
				(1.2)	(10.1)	(11.0)	(-6.7)
243	4128104	Tubes, pipes of stainless steel	6.37	690.4	775.5	896.2	488.6
				(8.5)	(12.3)	(15.6)	(-45.5)
251	4211007	Towers for transmission lines of iron & steel	0.83	74.0	89.0	103.0	101.7
				(-10.4)	(20.3)	(15.7)	(-1.2)
259	4291214	Utensils of iron (other than cast iron) or steel , enamelled	13.99	1473.3	2059.2	2361.8	1806.4
				(5.3)	(39.8)	(14.7)	(-23.5)
259	4294403	Bolts, screws, nuts, iron /steel	3.61	329.2	316.6	371.5	355.5
				(-8.9)	(-3.8)	(17.3)	(-4.3)
259	4294413	Machine screw iron and steel	3.55	358.4	333.1	382.4	311.2
				(1.0)	(-7.0)	(14.8)	(-18.6)
261	3633010	Film polyester (metalised)	2.17	220.0	275.5	310.0	305.1
				(1.5)	(25.2)	(12.5)	(-1.6)
281	4912908	Bearing, steel	1.74	240.6	345.0	375.4	421.4
				(38.0)	(43.4)	(8.8)	(12.3)
293	3811105	Seat for motor vehicle	18.13	1647.2	1412.9	1236.8	1249.4
				(-9.1)	(-14.2)	(-12.5)	(1.0)
293	4299211	Locks used in motor vehicles	5.13	574.6	430.1	576.0	563.4
				(12.1)	(-25.1)	(33.9)	(-2.2)
293	4912923	Gear boxes, motor vehicles	6.70	613.2	703.1	703.2	719.3
				(-8.5)	(14.7)	(0.0)	(2.3)
293	4912924	Gear case assemblies	3.57	536.9	679.9	597.2	573.7
				(50.4)	(26.6)	(-12.2)	(-3.9)
325	4814000	Medical, surgical or laboratory sterilizers	5.53	722.6	1572.6	828.4	781.5
				(30.7)	(117.6)	(47.3)	(-5.7)
D	Infrastructure/Construction Goods Industries		53.01	107.1	112.6	112.0	109.8
202	3511064	Paint	8.61	895.3	896.1	999.2	1022.8
				(4.0)	(0.1)	(11.5)	(2.4)
202	3511070	Paints, plastic emulsion	3.96	513.4	892.8	526.8	524.4
				(29.7)	(73.9)	(-41.0)	(-0.5)
202	3511079	Primer, stoving, synthetic	3.04	309.7	298.5	335.4	349.4
				(1.9)	(-3.6)	(12.4)	(4.2)
239	3731005	Ceramic tiles	2.35	226.4	248.1	260.3	187.3
				(-3.8)	(9.6)	(4.9)	(-28.0)
239	3744001	Cement, White	2.96	344.0	227.0	454.4	695.1
				(16.3)	(-34.0)	(100.2)	(53.0)
239	3744007	Cement, others products	0.88	78.2	72.2	68.8	67.1
				(-11.4)	(-7.7)	(-4.7)	(-2.5)
239	3744008	Cement, portland	2.27	244.7	259.2	304.0	189.2
				(8.0)	(6.0)	(17.3)	(-37.8)
239	3754000	Tiles, flagstones, bricks and similar articles, of cement, concrete or artificial stone	2.15	299.7	312.8	263.8	179.4
				(39.1)	(4.4)	(-15.6)	(-32.0)

Table- 3.1 (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			
1	2	3	4	2012-13	2013-14	2014-15	2015-16
6	7	8	9				
239	3757001	Asbestos , corrugated sheet	0.83	86.0 (4.1)	75.2 (-12.5)	81.0 (7.6)	95.3 (17.7)
241	4125106	Cold finished/formed of flat rolled products	14.95	1504.2 (0.6)	1528.8 (1.6)	1484.3 (-2.9)	1350.9 (-9.0)
273	4632003	Cable, pvc insulated	1.61	200.6 (25.0)	175.6 (-12.5)	175.6 (0.0)	204.3 (16.3)
273	4632004	Cable, rubber insulated	0.36	45.5 (28.1)	30.2 (-33.6)	30.5 (0.8)	31.3 (2.7)
279	4636000	Optical fibre cables made up of individually sheathed fibres	3.60	387.2 (7.6)	382.9 (-1.1)	394.1 (2.9)	375.7 (-4.7)
281	3934002	Scrap cast iron	1.46	112.4 (-22.8)	120.4 (7.1)	110.1 (-8.6)	108.3 (-1.6)
E	Consumer Durables Goods Industries		347.27	111.5	120.7	124.6	142.1
131	2616000	Cotton, carded or combed	2.54	333.8 (31.6)	370.4 (11.0)	376.2 (1.6)	314.3 (-16.4)
131	2632000	Yarn of wool, containing 85% or more by weight of wool, not put up for retail sale	1.66	194.9 (17.7)	189.4 (-2.8)	204.4 (7.9)	212.4 (3.9)
131	2636003	Yarn dyed, cotton	3.02	369.8 (22.3)	381.5 (3.2)	503.6 (32.0)	560.4 (11.3)
131	2669004	Cotton fabrics	0.91	144.1 (58.4)	162.4 (12.7)	160.1 (-1.5)	157.5 (-1.6)
131	2669010	Fabrics, cotton	2.13	270.8 (27.0)	299.8 (10.7)	270.8 (-9.7)	279.4 (3.2)
131	2669024	Lining cloth, cotton	2.18	228.9 (5.2)	303.0 (32.4)	149.4 (-50.7)	285.2 (90.9)
131	2671002	Fabrics, mixed	1.43	180.4 (25.9)	248.2 (37.6)	302.4 (21.8)	294.3 (-2.7)
131	2671005	Fabrics, polyester fibre	1.62	902.5 (456.1)	1300.9 (44.1)	1679.4 (29.1)	1773.3 (5.6)
131	2671013	Man-made fibre fabrics	2.16	465.0 (115.7)	569.9 (22.6)	510.4 (-10.4)	509.5 (-0.2)
139	2671008	Fabrics/cloth	2.08	407.6 (96.1)	415.3 (1.9)	461.3 (11.1)	469.3 (1.7)
139	2684002	Terry towell (cotton)	2.70	217.0 (-19.5)	190.6 (-12.2)	201.5 (5.7)	187.5 (-7.0)
139	2711001	Blankets	1.35	226.5 (68.2)	356.5 (57.4)	406.3 (14.0)	396.2 (-2.5)
139	2721000	Carpets and other textile floor coverings, knotted	4.64	445.5 (-4.0)	470.1 (5.5)	454.4 (-3.3)	473.6 (4.2)
139	2723000	Carpets and other textile floor coverings, tufted	12.02	1125.8 (-6.4)	1602.5 (42.3)	2560.5 (59.8)	2098.5 (-18.0)
141	2669012	Garment cloth, cotton	6.68	730.6 (9.3)	944.1 (29.2)	962.2 (1.9)	1251.1 (30.0)
141	2825001	Garments made up of textile fabrics coated with other materials	30.01	2971.3 (-1.0)	2938.4 (-1.1)	3816.7 (29.9)	3819.6 (0.1)

Table- 3.1 (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			
1	2	3	4	2012-13	2013-14	2014-15	2015-16
1	2	3	4	6	7	8	9
141	2825004	Garment made up of textile fab. impregnated	12.98	1189.8	1169.0	1132.2	1047.7
				(-8.4)	(-1.7)	(-3.1)	(-7.5)
151	2833006	Hand bag, artificial fur	3.50	200.0	201.0	214.0	186.8
				(-42.8)	(0.5)	(6.5)	(-12.7)
152	2933000	Footwear with uppers of leather, other than sports footwear, footwear incorporating a protective metal toe-cap & miscellaneous special footwear	4.32	289.7	335.8	337.8	357.0
				(-32.9)	(15.9)	(0.6)	(5.7)
152	2949000	Other sports footwear, except skating boots	3.39	437.7	523.5	669.8	688.9
				(29.2)	(19.6)	(27.9)	(2.9)
152	2951000	Footwear incorporating a protective metal toe-cap, except those covered in subclass 29320	16.24	1600.1	1535.3	1491.6	1617.7
				(-1.5)	(-4.0)	(-2.8)	(8.5)
170	3212924	Paper, printing & writing	5.87	556.2	581.9	567.1	763.5
				(-5.2)	(4.6)	(-2.5)	(34.6)
170	3214917	Paper polythene coated	0.65	70.9	74.3	134.7	95.8
				(9.2)	(4.8)	(81.4)	(-28.9)
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	81.4	69.9	62.2	60.2
				(28.0)	(-14.1)	(-10.9)	(-3.3)
170	3215301	Boxes, corrugated sheet	0.95	77.6	76.3	73.1	60.9
				(-18.5)	(-1.6)	(-4.2)	(-16.7)
181	3229901	Books	3.73	527.1	573.3	613.2	600.8
				(41.3)	(8.8)	(7.0)	(-2.0)
203	3699015	Rexin	0.33	57.7	51.2	31.7	3.5
				(75.4)	(-11.3)	(-38.0)	(-88.8)
221	3626046	Rubber cloth/sheet	2.41	239.6	238.8	299.5	316.8
				(-0.7)	(-0.3)	(25.4)	(5.8)
222	2960000	Parts of footwear; removable insoles, heel cushions and similar articles; gaiters, leggings and similar articles, and parts thereof	0.52	57.8	61.5	58.4	54.1
				(11.2)	(6.3)	(-4.9)	(-7.4)
222	3641008	Plastic bag	0.71	79.9	84.1	97.3	86.7
				(12.5)	(5.2)	(15.8)	(-11.0)
222	3699004	Button plastic	0.78	39.4	111.7	42.3	68.3
				(-49.7)	(183.5)	(-62.1)	(61.3)
222	3699007	Components plastic	1.93	341.4	403.8	333.3	321.7
				(76.6)	(18.3)	(-17.5)	(-3.5)
222	3892400	Button moulds and other parts of buttons; button blanks; parts of slide fasteners	1.42	77.2	132.5	76.8	124.1
				(-45.7)	(71.7)	(-42.0)	(61.5)
231	3711205	Glass components	3.72	351.5	319.9	365.8	388.4
				(-5.6)	(-9.0)	(14.3)	(6.2)

Table- 3.1 (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			
				2012-13	2013-14	2014-15	2015-16
1	2	3	4	6	7	8	9
259	4292110	Grease guns excl compressed air type	1.97	168.2 (-14.8)	155.6 (-7.5)	206.5 (32.8)	187.2 (-9.4)
261	4713002	Electronic p c b /micro circuit	0.58	61.8 (6.0)	54.6 (-11.6)	41.7 (-23.6)	17.8 (-57.3)
263	4824400	Instruments and apparatus (except cathode-ray oscilloscopes and oscillographs) for telecommunications	5.95	596.0 (0.2)	486.8 (-18.3)	704.1 (44.6)	815.6 (15.8)
264	4769103	Audio cd/dvd player	0.11	10.9 (-4.3)	11.6 (6.5)	12.4 (7.4)	11.4 (-8.3)
265	4823200	Drafting tables and machines, and other drawing, marking-out or mathematical calculating instruments	0.62	68.3 (10.3)	66.4 (-2.9)	71.5 (7.8)	81.1 (13.3)
265	4824303	Meter, electric -others	1.24	255.0 (105.6)	210.4 (-17.5)	140.0 (-33.5)	93.8 (-33.0)
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	632.1 (30.4)	607.2 (-3.9)	720.4 (18.6)	780.6 (8.40)
274	4653101	Light fitting accessories	5.47	480.4 (-12.2)	605.9 (26.1)	621.6 (2.6)	626.6 (0.8)
274	4653901	Fluorescent tubes	2.00	184.9 (-7.5)	232.9 (26.0)	341.5 (46.7)	306.9 (-10.1)
281	4322022	Water pump	2.25	233.6 (3.9)	215.7 (-7.7)	208.4 (-3.4)	171.6 (17.7)
281	4391203	Air conditioner-window/wall	10.16	1170.1 (15.2)	1698.7 (45.2)	913.5 (-46.2)	6440.6 (605.1)
281	4911301	Ac motor car	9.77	1268.5 (29.9)	1304.5 (2.8)	1346.4 (3.2)	1385.7 (2.9)
292	4922200	Trailer & semi-trailer of the caravan type, housing or camping	1.40	124.8 (-10.7)	133.6 (7.0)	115.1 (-13.8)	131.9 (14.5)
292	4923100	Parts and accessories for the goods of subclass 49211	4.92	395.3 (-19.7)	460.1 (16.4)	411.6 (-10.6)	432.2 (5.0)
293	4315106	Parts of petrol engines for motor vehicles	19.17	1931.3 (0.8)	1826.3 (-5.4)	1798.5 (-1.5)	1663.6 (-7.5)
293	4912941	Silencer	3.92	503.5 (28.6)	585.1 (16.2)	513.2 (-12.3)	504.0 (-1.8)
309	4991202	Motor cycle, racing with cylinder capacity exceeding 50 cc	27.08	3631.6 (34.1)	4221.6 (16.2)	4552.5 (7.8)	4350.5 (-4.4)
309	4992202	Parts for motor cycle/moped/ cycle	22.16	2476.0 (11.7)	2700.0 (9.1)	2123.0 (-21.4)	3.0 (1.6)
309	4994100	Parts and accessories of motorcycles and side-cars	66.34	7260.7 (9.5)	7122.5 (-1.9)	6867.8 (-3.6)	7023.2 (2.3)
310	3814004	Furniture & fixture wooden	0.41	39.0 (-5.5)	30.0 (-23.3)	32.0 (6.9)	38.4 (20.0)

Table- 3.1 (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			
1	2	3	4	2012-13	2013-14	2014-15	2015-16
6	7	8	9				
321	3899701	Ornaments imitation	0.27	20.0	31.6	27.8	15.6
				(-25.7)	(57.9)	(-12.0)	(-44.1)
323	3626054	Sports goods rubber	0.42	45.6	45.9	43.1	45.9
				(9.7)	(0.6)	(-6.2)	(6.7)
325	4291301	Blade, stainless steel	0.48	47.9	44.3	53.6	48.4
				(-1.0)	(-7.6)	(21.0)	(-9.8)
325	4831103	Lens, ophthalmic	1.36	129.8	184.4	178.9	252.0
				(-4.8)	(42.1)	(-3.0)	(40.9)
329	3891108	Pen body plastic	0.38	39.5	41.6	31.2	27.4
				(5.1)	(5.4)	(-25.1)	(-12.2)
329	3891123	Staplers	0.37	36.7	36.6	22.4	37.5
				(-1.3)	(-0.1)	(-38.8)	(67.4)
329	3896101	Handicraft / decorative fancy items	0.40	75.0	68.6	65.8	69.9
				(86.0)	(-8.5)	(-4.0)	(6.1)
F	Consumer Non-Durables Goods Industries		115.57	96.9	104.7	124.9	152.8
103	2139300	Dried vegetables	0.26	26.1	15.3	3.1	19.3
				(-0.1)	(-41.4)	(-79.5)	(514.7)
103	2399500	Sauces; mixed condiments; mustard flour and meal; prepared mustard	0.35	25.0	24.2	22.5	28.1
				(-29.2)	(-3.1)	(-7.0)	(24.9)
104	2159001	Other vegetable oils and fats, refined	1.02	100.1	152.2	166.1	174.5
				(-1.7)	(52.0)	(9.1)	(5.0)
105	2221200	Skim milk and whey powder	0.74	91.0	103.8	202.0	221.3
				(23.4)	(14.0)	(94.5)	(9.6)
105	2222902	Milk	1.92	212.9	232.2	223.6	209.0
				(10.8)	(9.0)	(-3.7)	(-6.6)
105	2224100	Butter and other fats and oils derived from milk of cattle	1.34	107.8	126.7	146.4	160.6
				(-19.7)	(17.6)	(15.5)	(9.7)
106	2316201	Rice basmati	56.51	5715.6	6822.7	8839.9	12127.7
				(1.1)	(19.4)	(29.6)	(37.2)
106	3913004	Guar kernel	9.21	342.6	412.4	364.6	166.2
				(-62.8)	(20.4)	(-11.6)	(-54.4)
107	2321011	Sugar	2.02	195.3	206.9	223.1	209.9
				(-3.5)	(6.0)	(7.8)	(-5.9)
107	2342001	Biscuits	1.41	124.3	115.1	111.7	119.9
				(-11.8)	(-7.4)	(-3.0)	(7.4)
107	2352000	Refined sugar	2.89	531.9	299.5	371.5	148.4
				(84.0)	(-43.7)	(24.0)	(-60.0)
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	309.6	341.2	277.0	278.4
				(1.7)	(10.2)	(-18.8)	(0.5)
107	2391301	Black Tea (CTC)	1.09	113.3	157.1	172.5	221.9
				(3.8)	(38.7)	(9.8)	(28.6)
108	3912004	Gola (cattle feed)	0.17	15.5	13.5	18.6	16.9
				(-9.4)	(-13.2)	(38.1)	(-9.2)
108	3912005	Husk (animal feed)	0.63	57.2	49.0	55.0	42.5
				(-8.6)	(-14.2)	(12.2)	(-22.8)

Table- 3.1 (Conclld.)

Use-based classification of Index of Industrial Production in Haryana at item level

NIC-3d	NPCMS	Description	Weight	Base Year 2011-12 =100			
				Index			
1	2	3	4	2012-13	2013-14	2014-15	2015-16
110	2413101	Country Liquor and it variant	3.65	241.9	179.0	180.3	265.4
				(-33.7)	(-26.0)	(0.7)	(47.2)
110	2431000	Beer made from malt	2.46	207.6	153.0	189.6	155.3
				(-15.7)	(-26.3)	(24.0)	(-18.1)
110	2432000	Malt, whether or not roasted	1.46	149.1	132.8	97.5	124.4
				(2.4)	(-11.0)	(-26.6)	(27.6)
110	2449002	Soft drink , carbonated beverage other than soda water	3.72	381.0	378.6	430.9	349.0
				(2.5)	(-0.6)	(13.8)	(-19.0)
110	3413104	Rectified spirit	1.29	119.6	110.3	88.1	102.6
				(-7.1)	(-7.8)	(-20.1)	(16.5)
120	2142900	Other shelled nuts	0.10	9.9	11.1	10.8	10.5
				(0.8)	(12.3)	(-2.7)	(-3.0)
120	2501005	Tobacco, chewing (scented or not)	0.65	63.7	67.3	73.5	79.7
				(-1.7)	(5.6)	(9.3)	(8.4)
181	3924001	Waste paper	0.43	41.4	74.9	55.4	51.6
				(-4.6)	(80.9)	(-26.1)	(-6.7)
210	3526011	Antidiabetic drugs excl.insulin (metformin, pioglitazone, glimepiride etc)	1.69	813.5	838.6	850.6	979.1
				(381.4)	(3.1)	(1.4)	(15.1)
210	3526062	Ointments, allopathic	6.66	282.2	295.3	252.0	367.8
				(-57.6)	(4.6)	(-14.7)	(46.0)
210	3527080	Vaccine for veterinary medicine	1.54	170.4	139.1	154.8	236.3
				(10.4)	(-18.3)	(11.3)	(52.6)
210	3529005	Bandage including adhesive gauze bandage	1.39	158.2	190.1	315.9	148.4
				(14.0)	(20.1)	(66.2)	(-53.0)
210	3542000	Glues & gelatine, peptones & their derivatives, & related products; caseinates & other casein derivatives; albuminates & other albumin derivatives	2.07	34.8	35.0	40.1	33.3
				(-83.2)	(0.5)	(14.6)	(-17.0)
282	4391402	Filters for beverages	1.86	169.7	0.0	0.0	0.2
				(-8.5)	(-100.0)	(3.5)	(7.4)

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