



GOVERNMENT OF HARYANA

INDEX
OF
INDUSTRIAL PRODUCTION
IN
HARYANA
1999-2000 to 2003-04
(BASE YEAR 1993-94)

Issued by

**ECONOMIC AND STATISTICAL ADVISER,
PLANNING DEPARTMENT, GOVERNMENT OF HARYANA
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PREFACE

Index of Industrial Production is one of the Prime indicators of the economic development for the measurement of trend in the behavior of the Industrial Production over a period of time with reference to a chosen base year. In fact, the Index of Industrial Production is the yardstick for measuring the industrial growth of the State. It indicates the relative change of physical production in the field of industries during a specified year as compared to previous year.

The first report on Index of Industrial Production at the State level, with base year 1970-71 was released in March 1977 which contained Index of Industrial Production from the year 1971-72 to 1974-75. Thereafter this department regularly published this report till 1988-89. The present report for the year 2003-04 is the third issue of the series with base year 1993-94. The Index of Industrial Production is confined to Manufacturing and Electricity Sectors only, with an analysis of Use-Based Classification of the Index Numbers.

This report provides an useful information for planning and formulating industrial programmes for the State and for the industrialists/entrepreneurs who are concerned with the production, planning and industrial development of the State.

I take this opportunity to thank to the Officers of, Central Statistical Organization (IIP unit), Government of India for providing valuable guidance. The co-operation extended by National Sample Survey Organisation (Field Operation Division), Govt. of India and various industrial units of the State in timely providing the production data is also highly appreciated and acknowledged.

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Dated, Chandigarh
Aug.7, 2006

R. C. SHARMA
Economic and Statistical Adviser
to Govt. Haryana

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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 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.

At the National level, Central Statistical Organisation prepares all India Index of Industrial Production. The Economic and Statistical Organisation, Haryana is preparing Annual Index of Industrial Production of Haryana since the year 1971-72. Industrial sector plays a vital role in the State economy. Due to liberal Industrial policy and close proximity of the State to National Capital, the industrial sector is growing rapidly . There is need to continuously measure the growth of industrial sector with a view to assess Industrial development in the State.

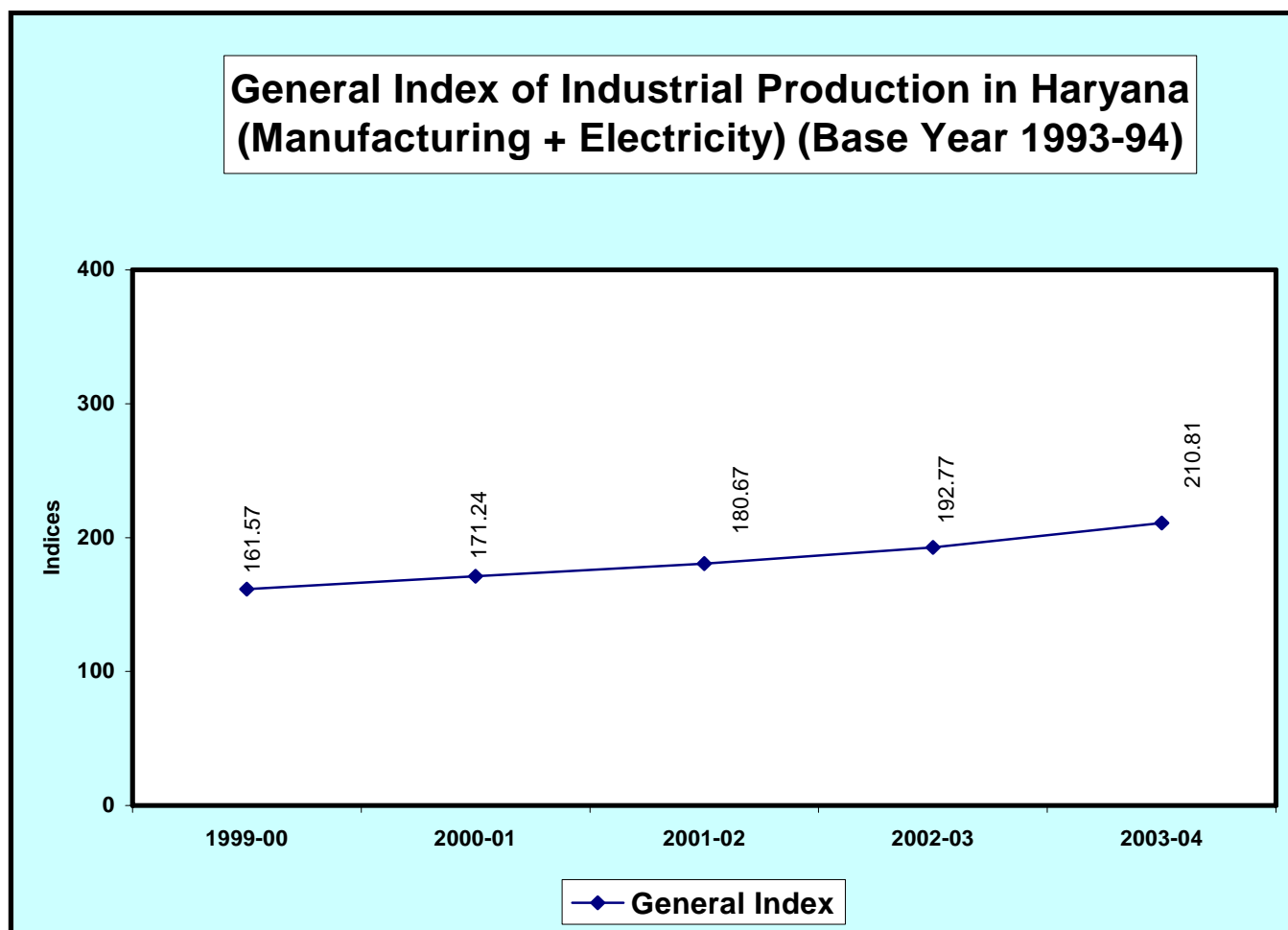
A number of State Directorates of Economic & Statistics are also engaged in compiling the State level Index of Industrial Production (IIP) but this effort on their part lacks comparability due to differences in the choice of base year, periodicity for releasing indices, data sources used etc. The need for comparable State level IIPs to facilitate comparative studies of the Statewise performance of industrial sector has been felt for quite some time. The Govt. of India has constituted a Technical Advisory Committee (TAC) in June, 1995 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 resolved technical issues relating to IIP and provided technical guidance in the matter of shifting the base year of current series to new series with 1993-94 as base.

The recommendations of Technical Advisory Committee on comparable Index of Industrial Production were examined by the Central Statistical Organisation (G.O.I.) and based on various recommendations, the guidelines on compilation of State level Index of Industrial Production were prepared and issued to all the State Directorates of Economic and Statistics. According to criteria laid down in the guidelines issued by Central Statistical Organisation (G.O.I.), the Economic and Statistical Organisation, Haryana had identified the items basket and prepared the weighting diagram for

preparation of comparable State level Index of Industrial Production with 1993-94 as base year.

In the present report the State indices of Industrial Production for Manufacturing and Electricity Sectors have been prepared for the years 1999-2000 to 2003-04 with base year 1993-94. Mining and Quarrying Sector has been excluded due to its insignificant contribution in the State Domestic Product. The General Index of Industrial Production for the series with base year 1993-94 is as under:-

Year	General Index of Industrial Production (Base Year 1993-94 =100)
1999-00	161.57
2000-01	171.24
2001-02	180.67
2002-03	192.77
2003-04	210.81



METHODOLOGY

Scope and Coverage

The Annual Index of Industrial Production of Haryana is being prepared on the basis of ASI returns received from National Sample Survey Organisation (Field Operation Division), Govt. of India, Haryana Wing at Chandigarh. The Annual Index of Industrial Production with 1993-94 as base year covers two sectors namely Manufacturing and Electricity. The Manufacturing Sector covers the industries registered under section 2m (i) and 2m (ii) of the Factory Act 1948 and functioning within the jurisdiction of Haryana. This 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.

The registered factories are divided into two groups for the purpose of survey i.e. Census and Sample

Census Sector

The newly defined census sector consists of the following categories:-

A. For industrially less developed States/UT's.

Category. -I : All Industrial Units (IU's) of less industrially developed 12 States/UT's

B. For States/UT's other than those industrially less developed States / UT's

Category-II: Industrial Units / Industries having 200 or more worker excluding Category-I

Category-III: All Electricity Undertakings and PSU's not covered under Category-II

Category-IV: Additional Industries / IU's excluding Category - II and III having significant Input/Output/GVA/NVA which would jointly contribute with Category-II and III not less than 90% of NVA within a State.

Categorization of States for ASI survey is same as per existing practice, namely, Category-I will mean the twelve States where there will be only census sector and Category-II will consist of remaining sixteen states having both census and sample sectors.

The list of less industrially developed 12 States/UT's and of remaining States is as under: -

Classification of States for ASI Survey

<u>CENSUS SECTOR STATES</u>			<u>BOTH CENSUS AND SAMPLE SECTOR STATES</u>		
	(Category-I)			(Category-II)	
Sr.No.	State	Code	Sr.No.	State	Code
1.	Goa	06	1	Andhra Pradesh	02
2.	Himachal Pradesh	09	2	Assam	04
3.	Jammu and kashmir	10	3	Bihar	05
4.	Manipur	15	4	Gujarat	07
5.	Meghalaya	16	5	Haryana	08
6.	Nagaland	18	6	Karnataka	11
7.	Tripura	24	7	Kerala	12
8.	A & N Island	27	8	Madhya Pradesh	13
9.	Chandigarh	28	9	Maharashtra	14
10.	Dadra & Nagar Haveli	29	10	Orissa	19
11.	Daman & Diu	30	11	Punjab	20
12.	Pondichery	33	12	Rajasthan	21
			13	Tamil Nadu	23
			14	Uttar Pradesh	25
			15	West Bengal	26
			16	Delhi	31

The ASI survey for above categories I, II and III is conducted on complete enumeration basis.

Sample Sector

All industrial units in the entire ASI frame excluding the industrial units already covered under the census sector as defined above are included in sample sector.

In the sample sector a part of industrial units is surveyed and the remaining units are covered by applying the variable multipliers at item level.

Non-Response Units

The production of non-response industrial units is calculated on the basis of per worker production of response industrial units. The number of workers of non-response industrial units contained in the ASI frame are multiplied with the per worker production of response industrial units to calculate the production of non-response industrial units.

Base Year

The base year of Index of Industrial Production is revised in accordance with the guidelines issued by the Central Statistical Organisation, New Delhi. The main aim of revision of the base year is to eliminate the items that are no longer in production process and to include relevant products which have been added over a period of time reflecting the changing pattern of the industries sector. The Haryana State has prepared the Index of Industrial Production from the year 1971-72 with 1970-71 as a base year, which was revised to 1985-86 for compiling the Index for the years 1992-93 to 1996-97. But later on, realising the need of comparability of Indices of Industrial Production at all India level as well as State level, it was decided in the TAC meeting to shift the base year to 1993-94.

Source of Data

The production data for Manufacturing Sector is based on the Annual Survey of Industries (ASI) returns obtained from National Sample Survey Organization (Field Operation Division), Govt. of India. The information regarding generation of electricity is obtained from Central Electricity Authority of India through Central Statistical Organisation, New Delhi.

Selection of Items Basket

The Annual Index of Industrial Production with 1993-94 as base year covers two sectors namely, Manufacturing and Electricity. Mining and Quarrying Sector has been excluded due to its insignificant contribution in the State Domestic Product which was 0.26 percent to Gross State Domestic Product in 1993-94 at current prices. The generation of electricity in the State represents the Electricity Sector.

As per recommendations of Technical Advisory Committee on comparable State level Index of Industrial Production, the number of items for the State IIPs are to be selected in such a manner that about 80 percent of the value of output of the respective

State's Manufacturing Sector is captured by the selected items. For this, all the items have been arranged in the descending order of their respective gross value of output obtained from ASI detailed results for 1993-94 and 117 items have been selected for the items basket of Index of Industrial Production covering 81 percent of gross value of output of the State's registered manufacturing sector. Some ambiguous items such as other products, by-products, own construction and items whose flow of data is not regular in ASI are excluded from the items basket and items having identical nature and same unit of measurement have been clubbed together for this purpose.

While selecting items it would not be possible to apportion zero weight to constituent items. It was also not considered desirable to leave out these items, since in many cases their contribution to employment and output was substantially large. The TAC discussed the issue at length and was of the view that by ignoring the groups/sub-groups with negative/zero GVA, many items with large value of output will not find place in the items basket for State IIP's. After detailed deliberations, the Committee decided that instead of GVA, value of output might be taken for preparation of weighting diagram.

Lists of 117 selected items arranged in the descending order of their respective gross value of output have been shown in Table No. 1.1. Table No. 1.2 depicts the gross value of output of organized and unorganized manufacturing sector of the State at two-digit level for the year 1993-94.

Weighting Diagram

As per recommendations of TAC, the contribution of unorganized sector, based on follow up surveys of the Economic Census has been taken into account for allocation of weights at the sectoral level, and two digit level. The proportion of gross value of output at current prices for these two sectors has been converted into sectoral weights in such a manner that their total is equal to 1000. The value of output figures of Electricity Sector has been taken from the National Accounts Statistics (NAS) and for the Manufacturing Sector has been taken from the ASI detailed results 1993-94 (after adjustment for non-response).

The pre-requisite for sound construction of any weight is the determination of relative importance of its various constituents. Therefore, the necessary weights in respect of different industries covered under the index have been determined in proportion to their value of output in the base year as revealed by ASI 1993-94 returns. While tabulating the data from the ASI returns, items of similar nature have been clubbed

together in their respective industry group where it was difficult to collect production data on individual item.

The weights were assigned to 117 selected items (Table No.1.1) which contribute 81% of the total gross value of output of the State Manufacturing Sector. The weights at sector level and two digit level are allocated on the basis of gross value of output of Manufacturing Sector supplied by the C.S.O., which is further distributed at item level in proportion to gross value of output of registered manufacturing sector.

The contribution of unorganized manufacturing sector has also been taken into consideration while calculating the weights at major group (2 digit) level. The value of output of organized manufacturing sector was clubbed with the value of output for the unorganized sector based on the survey of Directory Manufacturing Enterprises (DME), Non-Directory Manufacturing Enterprises (NDME) and Own Account Manufacturing Enterprises (OAME) undertaken by Central Statistical Organisation, New Delhi.

Table No. 1.3 shows the distribution of weights at sector level. Distribution of weights among selected groups at two-digit level for the year 1993-94 of manufacturing sector (Organized and Unorganized) has been shown in Table No. 1.4. Item level distribution of weights for manufacturing sector is available at Table No. 1.5.

Computation of Index Number

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

$$I = \frac{\sum RiWi}{\sum Wi}$$

Where I = Index Number

Ri = Production relative of ith selected item

Wi = 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.

$$Ri = \frac{Pci}{Poi} \times 100$$

Where Ri = Production relative of ith selected item.

Pci = Current year production of ith item

Poi = Base year production of ith item.

The production relatives are thus calculated at product (4 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.

Some Important Features of the New Series of Index of Industrial Production are as under: -

- 1 In old series, for allocation of weights, Gross Value Added (GVA) was used at sector level, two digit level and three digit level, but at items level the Gross Value of Output was used.
- 2 In the new series with base year 1993-94, Gross Value of Output (GVO) has been used at all the stages for same purposes.
- 3 In the old series with base year 1985-86, the registered sector of manufacturing was accounted for in the weighting diagram whereas in the new series both the organized and unorganized manufacturing sectors have been taken into consideration.
- 4 In the old series, the Index at two digit level of National Industrial Classification (NIC) code 1987 was obtained starting from production relatives at four digit level and then multiplying these relatives with suitable weights. The Index at three-digit level of NIC was also computed in the same way. Finally, the two-digit level Index was arrived at from the three-digit level Indices. But in the new series, the Index at two-digit level of NIC is arrived at directly from four digit level production relatives.

Table-1.1 (Contd.)**Gross Value of Output of Selected Items
for the Year 1993-94****(Rs. in Lakh)**

Sr. No.	Name of the Item	Gross Value of Output
1	2	3
1	Cars	192255
2	Rice all kind	101382
3	Tractors	78500
4	Motor cycles	43051
5	Motor vehicle parts and accessories	37464
6	M. S. pipes and tubes	34599
7	Fertilisers all kind	31892
8	Sugar	28901
9	Edible oil all kind	28834
10	Synthetic / polyester yarn	28655
11	Paper all kind	26874
12	Domestic refrigerators	24080
13	Narrow cold rolled steel strips	21730
14	Tyres for Motor vehicle	21563
15	Cotton yarn	20520
16	Plastic sheets	18553
17	Bicycle parts	18271
18	Bicycles	15825
19	Cotton pressed (Kapas)	14761
20	Cake all kind	11901
21	Stainless steel	11742
22	Cement	11016
23	Rubber shoes and chappals	9891
24	Cotton ginned	9340
25	Auto mobile parts and accessories for motor cycles, scooters and three wheelers	8556
26	Steel wires	8441
27	Steel sheets	7939
28	Glass sheets	7730
29	Biscuits	7486
30	Brass sheets and strips	7460
31	Forging and stamping	7402
32	Loaders	7163
33	Shoddy / Woollen Yarn	6716
34	Bottle and jars	6509
35	Switch gears and control gears	6098
36	Vanaspati ghee	6027
37	Electric fans all types	6014
38	Atta	5987
39	Desi ghee	5616
40	P. V. C. insulated wires and cables	5538
41	Bars and rods	5140

Table-1.1 (Contd.)**Gross Value of Output of Selected Items
for the Year 1993-94****(Rs. in Lakh)**

Sr. No.	Name of the Item	Gross Value of Output
1	2	3
42	Ordinary casting	4921
43	Electric Motor Phase 1 and 11	4910
44	Spirits all kind	4842
45	Milk all kind	4824
46	Machine screw all types	4637
47	Insecticides / Pesticides (liquid)	4627
48	Aluminium utensils	4513
49	Bran all kind	4464
50	Asbestos cement products	4269
51	Leather shoes and chappals	3927
52	Angle channels	3915
53	Steel utensils	3831
54	Tin containers	3457
55	Milk powder all kind	3389
56	Tractor parts	3384
57	Ceramic tiles	3344
58	Belting all types	3322
59	Cotton seeds	3260
60	Dal all kind	2925
61	Insecticides / Pesticides (solid)	2914
62	Soaps	2879
63	Readymade garments	2806
64	Printing machine	2734
65	Billets and slabs	2592
66	Sanitary wares	2529
67	Corrugated boxes and card board boxes	2509
68	Poultry and cattle feeds	2357
69	Building bricks	2244
70	P V C Pipes	2201
71	Gas cylenders	2141
72	Refractory bricks	2135
73	Malt	2090
74	Cartons	2073
75	Carpet yarn	2032
76	Hand tools	2002
77	Stainless steel ingots	1919
78	Syringes all types	1874
79	Books	1740
80	Country liquor	1675
81	Steel casting	1635
82	Periodical and journals	1639
83	Tablets	1632

Table-1.1 (Concl.)

**Gross Value of Output of Selected Items
for the Year 1993-94**

(Rs. in Lakh)

Sr. No.	Name of the Item	Gross Value of Output
1	2	3
84	ACSR conductors	1561
85	Beer	1527
86	Capsules	1397
87	Transformers	1346
88	Crockery / Kitchen ware	1332
89	Tubes for motor vehicles	1331
90	Air gas compressors	1318
91	Blowing agents	1288
92	Computer	1225
93	Formaldehyde	1203
94	Soft drink and syrups	1184
95	Brass utensils	1178
96	Starch all kind	1161
97	Bolts and nuts	1074
98	Electric pumps	1069
99	Sports goods	1047
100	Compressors	971
101	Flourescent tubes	948
102	Air -conditioning plants	891
103	Thermocole	883
104	Woollen carpet	830
105	Gasses	726
106	Helmets	625
107	Switches all types	603
108	Crane	597
109	Hydraulic press	589
110	Syrups	547
111	Dyes and colours	544
112	Shampoo	539
113	Electrical capacitors	501
114	Gas stove and cooking ranges	500
115	Microscopes	231
116	Safety glass	215
117	Lenses	70
Total		111586

Table-1.2**Gross Value of Output of Organised and Un-organised Manufacturing Sector at Two Digit Level for the Year 1993-94.**

(Rs. in Lakh)				
NIC Code 1987	Industry Group Classification	Gross Value of Output of Organised Sector	Gross Value of Output of Un-organised Sector	Total Gross Value of Output
1	2	3	4	5
20-21	Manufacture of food products	229310	21447	250757
22	Manufacture of beverages, tobacco & related products.	15917	11	15928
23	Manufacture of cotton textiles	49251	4101	53352
24	Manufacture of wool, silk and man-made fibre textiles	52412	6731	59143
25	Manufacture of jute and other vegetable fibre textiles (except cotton and coir)	87	588	675
26	Manufacture of textile products (including wearing apparel)	12606	58337	70943
27	Manufacture of wood and wood products, furniture and fixture	6861	12655	19516
28	Manufacture of paper and paper products and printing, publishing and allied industries	43920	1709	45629
29	Manufacture of leather and products of leather, fur and substitute of leather	8021	4499	12520
30	Manufacture of basic chemicals and chemical products(except products of petroleum and coal)	89517	4281	93798
31	Manufacture of rubber, plastics, petroleum and coal products and processing of nuclear fuels	74818	9025	83843
32	Manufacture of non-metallic mineral products	43015	7914	50929
33	Basic metal and alloys industries	137706	404	138110
34	Manufacture of metal products and parts, except machinery and equipment	36186	16507	52693
35-36	Manufacture of machinery and equipment other than transport equipment, scientific equipment, photographic/cinematographic equipment	219730	7323	227053
37	Manufacture of transport equipment and parts	347223	1334	348557
38	Other manufacturing industries	10713	6755	17468
Total (Manufacturing)		1377293	163621	1540914

Table-1.3**Distribution of Weights at Sector Level****Base Year-1993-94**

Sr.No.	Sector	Total Value of Output (Rs. in Lakh)	Weight
1	2	3	4
1	Manufacturing	*1540914	983.35
2	Electricity	26098	16.65
Total		1567012	1000.00

*** Includes the contribution of un-organised sector also.**

Table-1.4

**Distribution of Weights among Selected Groups at Two Digit Level for the
Year 1993-94 of Manufacturing Sector (Organised and Un-organised)
(Based on 1993-94 Data)**

(Rs.in Lakh)					
NIC Code 1987	Industry Group	Gross Value of Output of Organised Sector	Gross Value of Output of Un-organised Sector	Total Gross Value of Output	Weight
1	2	3	4	5	6
20-21	Manufacture of food products.	229310	21447	250757	162.15
22	Manufacture of beverages, tobacco & related products.	15917	11	15928	10.30
23	Manufacture of cotton textiles.	49251	4101	53352	34.50
24	Manufacture of wool, silk and man-made fibre textiles.	52412	6731	59143	38.24
26	Manufacture of textile products (including wearing apparel)	12606	58337	70943	45.87
28	Manufacture of paper and paper products and printing, publishing and allied industries.	43920	1709	45629	29.51
29	Manufacture of leather and products of leather, fur and substitute of leather.	8021	4499	12520	8.09
30	Manufacture of basic chemicals and chemical products(except products of petroleum and coal)	89517	4281	93798	60.65
31	Manufacture of rubber, plastics, petroleum and coal products and processing of nuclear fuels.	74818	9025	83843	54.21
32	Manufacture of non-metallic mineral products.	43015	7914	50929	32.93
33	Basic metal and alloys industries.	137706	404	138110	89.31
34	Manufacture of metal products and parts, except machinery and equipment.	36186	16507	52693	34.07
35-36	Manufacture of machinery and equipment other than transport equipment, scientific equipment, photographic/cinematographic equipment.	219730	7323	227053	146.83
37	Manufacture of transport equipment and parts.	347223	1334	348557	225.39
38	Other manufacturing industries.	10713	6755	17468	11.30
Total (Manufacturing)		1370345	150378	1520723	983.35

TABLE 1.5 (Contd.)**Distribution of Weights at Item Level Based on 1993-94 Data
(Manufacturing Sector)**

Group/ NIC Code	Items	Gross Value of Output (Rs. Lakh)	Weight
1	2	3	4
20-21	Manufacture of Food Products	215254	162.15
201.4	Milk powder all kind	3389	2.55
201.3	Desi Ghee	5616	4.23
201.4	Milk all kind	4824	3.63
204.1	Atta	5987	4.51
204.2	Rice all kind	101382	76.37
204.2	Bran all kind	4464	3.36
204.3	Dal all kind	2925	2.20
205.2	Biscuits	7486	5.64
206.0	Sugar	28901	21.77
210.0	Vanaspati ghee	6027	4.54
211.2	Edible oil all kind	28834	21.72
211.8	Cake all kind	11901	8.97
217.1& 2	Poultry and cattle feed	2357	1.78
218.0	Starch all kind	1161	0.88
22	Manufacture of Beverages,Tabacco and Related Products	11318	10.30
220.0	Spirits all kind	4842	4.41
222.1	Beer	1527	1.39
222.3	Malt	2090	1.90
223	Country liquor	1675	1.52
224	Soft drinks and syrups	1184	1.08

TABLE 1.5 (Contd.)

**Distribution of Weights at Item Level Based on 1993-94 Data
(Manufacturing Sector)**

Group/ NIC Code	Items	Gross Value of Output (Rs. Lakh)	Weight
1	2	3	4
23	Manufacture of Cotton Textiles	47881	34.50
230.0	Cotton ginned	9340	6.73
230.0	Cotton pressed (Kapas)	14761	10.64
230.0	Cotton seeds	3260	2.35
235.1	Cotton yarn	20520	14.78
24	Manufacture of Wool,Silk and Man-made Fibre Textils	37403	38.24
242.1	Shoddy/woollen yarn	6716	6.87
242.1	Carpet yarn	2032	2.08
247.2	Synthetic/Polyester yarn	28655	29.29
26	Manufacture of Textile Products (inculding wearing apparel)	3636	45.87
263.6	Woollen carpet	830	10.47
265.0	Readymade garments	2806	35.40
28	Manufacture of Paper and Paper Products and Printing, Publishing and Allied Industries	34835	29.51
280.2	Paper all kind	26874	22.77
281.1, 2 & 3	Corrugated boxes and card board boxes	2509	2.12
281.9	Carton	2073	1.76
285.3	Books	1740	1.47
285.3	Periodicals and journals	1639	1.39
29	Manufacture of Leather and Products of Leather, Fur and Substitutes of Leather	3927	8.09
291.0	Leather shoes and chapples	3927	8.09

TABLE 1.5 (Contd.)

**Distribution of Weights at Item Level Based on 1993-94 Data
(Manufacturing Sector)**

Group/ NIC Code	Items	Gross Value of Output (Rs. Lakh)	Weight
1	2	3	4
30	Manufacture of Basic Chemicals and Chemical Products (except products of petroleum and coal)	50188	60.65
300.2	Gases	726	0.88
300.9	Formaldehyde	1203	1.45
301.1, 2 & 3	Fertilizers	31892	38.54
301.4	Pesticides and insecticides (Solid)	2914	3.52
301.4	Pesticides and insecticides (Liquid)	4627	5.59
303.3	Dyes and colours	544	0.66
304.2	Tablets	1632	1.97
304.2	Capsules	1397	1.69
304.2	Syrups	547	0.66
305.1	Soaps	2879	3.48
305.7	Shampoos	539	0.65
309.4	Blowing agents	1288	1.56
31	Manufacture of Rubber, Plastic, Petroleum & Coal Products, Processing of Nuclear fuels	57744	54.21
310.1	Tyres for motor vehicles	21563	20.24
310.1	Tubes for motor vehicles	1331	1.25
311.1	Rubber shoes and chappals	9891	9.29
312.1	PVC Pipes	2201	2.07
312.2	Belting all types	3322	3.12
313.1	Thermocols	883	0.83

TABLE 1.5 (Contd.)

**Distribution of Weights at Item Level Based on 1993-94 Data
(Manufacturing Sector)**

Group/ NIC Code	Items	Gross Value of Output (Rs. Lakh)	Weight
1	2	3	4
313.1	Plastic sheets	18553	17.41
32	Manufacture of Non-Metallic Mineral Products	41108	32.93
320.1	Refractory bricks	2135	1.71
320.4	Building bricks	2244	1.80
320.5	Ceramic tiles	3344	2.68
321.1	Glass sheets	7730	6.19
321.3	Bottles and jars	6509	5.21
323.1	Crockery / kitchen-ware	1332	1.07
323.2	Sanitary ware	2529	2.03
324.2	Cement	11016	8.82
327.0	Asbestos cement products	4269	3.42
33	Basic Metal and Alloy Industries	112033	89.31
330.1	Bar and rods	5140	4.10
330.1	Angle channels	3915	3.12
330.1	Billets and slabs	2592	2.07
330.1	Steel Casting	1635	1.30
330.1	Steel wire	8441	6.73
331.2	Narrow cold-rolled steel strips	21730	17.32
331.3	Stainless steel	11742	9.36
331.6	Steel sheets	7939	6.33
331.9	M.S. Pipes and tubes	34599	27.58

TABLE 1.5 (Contd.)

**Distribution of Weights at Item Level Based on 1993-94 Data
(Manufacturing Sector)**

Group/ NIC Code	Items	Gross Value of Output (Rs. Lakh)	Weight
1	2	3	4
331.9	S.S. Ingot	1919	1.53
334.1	Brass Sheets and strips	7460	5.95
337.1	Ordinary casting	4921	3.92
34	Manufacture of Metal Products and Parts except Machinery and Equipment	30735	34.07
341.2	Gas cylinders	2141	2.37
341.3	Tin containers	3457	3.83
343.1	Hand tools	2002	2.22
343.3	Bolts and nuts	1074	1.19
343.3	Machine screw all types	4637	5.14
344.1	Forging and stamping	7402	8.21
346.2	Aluminium utensils	4513	5.00
346.2	Steel utensils	3831	4.25
346.2	Brass utensils	1178	1.31
346.2	Gas stove and cooking ranges	500	0.55
35-36	Manufacture of Machinery and Equipment other than Transport Equipment (Manufacture of Scientific Equipment, Photographic /Cinematographic Equipment and Watches and Clock is classified in Div. 38)		146.83
350.1	Tractors	78500	76.82
350.1	Tractor parts	3384	3.31
351.7	Loaders	7163	7.01
353.9	Hydraulic press	589	0.58

TABLE 1.5 (Contd.)

**Distribution of Weights at Item Level Based on 1993-94 Data
(Manufacturing Sector)**

Group/ NIC Code	Items	Gross Value of Output (Rs. Lakh)	Weight
1	2	3	4
354.4	Printing machines	2734	2.67
355.1	Air -conditioning plants	891	0.87
355.3	Domestic refrigerators	24080	23.56
356.1	Cranes	597	0.58
356.2	Air gas compressors	1318	1.29
356.2	Compressors	971	0.95
360.2	Transformers	1346	1.32
360.3	Switch gears and control gears	6098	5.97
360.4	Electric motors phase I & II	4910	4.81
360.4	Electric pumps	1069	1.05
361	PVC insulated wires and cables	5538	5.42
363.3	Flourescent-tubes	948	0.93
364.1	Electric fans all types	6014	5.88
364.9	Switches all types	603	0.59
367.1	Computers	1225	1.20
368.2	Electrical capacitor	501	0.49
368.5	A.C.S.R. conductors	1561	1.53
37	Manufacture of Transport Equipment and Parts		225.39
374.1	Motor car	192255	137.11
374.8	Motor vehicles parts and accessories	37464	26.72

TABLE 1.5 (Concl'd.)**Distribution of Weights at Item Level Based on 1993-94 Data
(Manufacturing Sector)**

Group/ NIC Code	Items	Gross Value of Output (Rs. Lakh)	Weight
1	2	3	4
375.1	Motor cycle all types	43051	30.70
375.4	Helmets	625	0.45
375.8	Manufacture of auto part and accessories for motor cycle, scooters & three wheelers.	8556	6.10
376.1	Bicycles	15825	11.28
376.8	Bicycles parts	18271	13.03
38	Other Manufacturing Industries.	3437	11.30
380.1	Microscopes	231	0.76
380.6	Syringes all types	1874	6.16
381.1	Lenses	70	0.23
381.1	Safety glass	215	0.71
385.1	Sports goods	1047	3.44
Total		1115586	983.35

Part-II
Review
of
Index of Industrial Production
in
Haryana

Review of Index of Industrial Production in Haryana 2003-04

The industry sector recorded an annual growth of 9.36 percent in 2003-04 over the previous year as the Index of Industrial Production has increased from 192.77 in 2002-03 to 210.81 in 2003-04. The sector wise and group wise details of IIP are given below: -

Manufacturing Sector

The Index of Manufacturing Sector has increased from 191.21 in 2002-03 to 209.08 in 2003-04 registering an annual growth of 9.35 percent over the previous year. Manufacture of transport equipments and parts recorded the highest growth of 22.23 percent followed by manufacturing of textile products recorded growth of 17.89 percent. Manufacturing of beverages, tobacco and related products recorded growth of 12.95 percent, other manufacturing industries 9.22 percent and manufacturing of cotton textile 9.04 percent. Manufacture of wool, silk and man-made fibre textiles, manufacture of paper and paper products and basic metal maintained low rate of growth of 3.65, 2.68 and 1.35 percent respectively. Manufacture of machinery and equipments other than transport equipments recorded negative growth.

Electricity Sector

The Index of Electricity Sector has increased from 284.49 in 2002-03 to 312.54 in 2003-04 registering an annual growth of 9.86 percent over the previous year. Foreign investment made by the NRI's and additional allocation made by the Central Government in the electricity sector has played an important role in the growth of electricity in the Haryana State.

Index of Industrial Production at Division level for the years 1999-00 to 2003-04 has been given in table No. 2.2.

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

1. Manufacture of Food Products (20-21)

The food manufacturing industries carry the second largest weight of 162.15 in the Manufacturing Sector. The index of this group has increased to 165.40 in 2003-04 from 155.13 in 2002-03 indicating an increasing trend with a growth of 6.62 percent.

Starch all kind exhibited the highest growth of 83.32 percent followed by vanaspati ghee 33.33 percent, edible oils 29.11 percent and sugar 14.37 percent. Biscuits,

desi ghee and cake all kind indicated decline in production as compared to the previous year.

2. Manufacture of Beverages, Tobacco and Related Products (22)

Beverages, tobacco and related products industries group carry a weight of 10.30 in the Manufacturing Sector. The index of this group has increased from 127.35 in 2002-03 to 143.84 in 2003-04 and recorded a growth of 12.95 percent. The highest growth of 42.04 percent was recorded by beer followed by spirit all kind 24.79 percent and country liquor 15.69 percent during 2003-04. During this year lowest growth of 1.64 percent was recorded by soft drinks and syrups.

3. Manufacture of Cotton Textiles (23)

The cotton textile industries carry a weight of 34.50 in the Manufacturing Sector. The index of this group increased from 125.74 in 2002-03 to 137.11 in 2003-04 recording an annual increase of 9.04 percent. Cotton ginned and cotton pressed (kapas) recorded increase of 58.83 percent and 14.53 percent respectively as compared to the previous year. Cotton yarn recorded lowest growth of 5.48 percent during the year 2003-04.

4. Manufacture of Wool, Silk and Man-made Fibre Textiles (24)

The manufacture of wool, silk and man-made fibre textiles industry carries the weight of 38.24. The index of this group has increased from 170.01 in 2002-03 to 176.22 in 2003-04 recording an annual growth of 3.65 percent. The index of shoddy/woollen yarn and synthetic/polyester yarn recorded growth of 18.12 and 1.15 percent respectively whereas index of carpet yarn decreased by 24.26 percent as compared to previous year.

5. Manufacture of Textile Products including Wearing Apparel (26)

Textile industry has captured the weight of 45.87 in the Manufacturing Sector. The index of this group has increased from 257.51 in 2002-03 to 303.57 in 2003-04 indicating an annual growth of 17.89 percent over previous year. Manufacturing of readymade garments and woollen carpet recorded growth of 20.40 and 4.12 percent respectively during 2003-04 over the previous year.

6. Manufacture of Paper and Paper Products and Printing, Publishing and Allied Industries (28)

The Paper industry has been assigned the weight of 29.51 in the Manufacturing Sector. The index of this group has increased to 171.08 in 2003-04 from 166.62 in 2002-03 recording the annual growth of 2.68 percent. Manufacture of

paper all kind recorded the highest growth of 9.67 percent during 2003 - 04 as compared to previous year.

7. Manufacture of Leather and Products of Leather, Fur and substitutes of Leather (29)

The leather industry has been allotted a weight of 8.09. The index of this group rose from 181.48 in 2002-03 to 192.59 in 2003-04 registering an annual growth of 6.12 percent over the previous year. The leather shoes and chappals is the single product selected in this group.

8. Manufacture of Basic Chemicals and Chemical Products (except Products of Petroleum and Coal)(30)

The chemical and chemical products industry group carries a weight of 60.65. The index of this group increased from 171.22 in 2002-03 to 173.53 in 2003-04, which indicates low growth of 1.35 percent. The fertilizers, insecticides, pesticides, gases, medicines and soaps are the main items in this industry group. The shampoo industry having the weight of 0.65 in the manufacturing sector recorded highest annual growth of 87.25 percent followed by capsules 48.32 percent, while the fertilizers and blowing agents recorded negative growth during this year.

9. Manufacture of Rubber, Plastic, Petroleum and Coal Products (31)

The rubber, plastic, petroleum and coal products industry carries the weight of 54.21 in the Manufacturing Sector. The index of this group has increased from 167.67 in 2002-03 to 174.32 in 2003-04 recording a growth of 3.97 percent. The manufacture of thermocols recorded highest growth of 47.27 percent followed by tubes of motor vehicles 18.25 percent. PVC pipes recorded negative growth of 26.52 percent.

10. Manufacture of Non-Metallic Mineral Products (32)

This industry group covers mainly the production of construction material like bricks, cement and allied products and carries a weight of 32.93. The index of this group increased from 143.29 in 2002-03 to 149.30 in 2003-04 recording a growth of 4.19 percent. Bottles and jars recorded the highest growth of 13.93 percent followed by asbestos cement products 11.00 percent and building bricks 4.97 percent during 2003-04 as compared to previous year.

11. Manufacture of Basic Metal and Alloys Industry (33)

Basic metal and alloys industry group carries a weight of 89.31 in the Manufacturing Sector. The index of this group has increased to 144.22 in 2003-04 as compared to 138.10 in 2002-03 recording the annual growth of 4.43 percent. Billets and slabs recorded the highest growth of 59.28 percent within this group followed by steel

casting 42.03 percent, while the growth of M.S. pipe and tubes and brass sheets and strips declined by 4.20 percent and 0.21 percent respectively as compared to previous year.

12. Manufacture of Metal Products and Parts (34)

This industry group carries a weight of 34.07 in the Manufacturing Sector. The index of this group has increased from 145.61 in 2002-03 to 152.55 in 2003-04 recording an annual growth of 4.77 percent. The production of gas cylinders recorded the highest growth of 37.12 percent in this industry group. The lowest growth of 2.17 percent was registered by forging and stamping while the growth of machine screws all types declined as compared to previous year.

13. Manufacture of Machinery and Equipment other than Transport Equipment (35-36)

Machinery and equipment industry other than transport equipment carries the weight of 146.83 in the Manufacturing Sector. The index of this industry group has decreased from 158.12 in 2002-03 to 134.69 in 2003-04 recording a decline of 14.82 percent. This decline in the index is mainly due to fall in the production of tractors, air-conditioning plants and ACSR conductors during this year. In spite of this, the index of tractor parts recorded highest growth of 61.28 percent followed by cranes 54.43 percent and loaders 53.28 percent during this year.

14. Manufacture of Transport Equipment and Parts (37)

The transport equipment and parts industry carries the highest weight of 225.39 in the Manufacturing Sector. The index of this group has increased to 353.36 in 2003-04 as compared to 289.10 in 2002-03 recording an annual growth of 22.23 percent. The production of helmets recorded the highest growth of 32.19 percent followed by motor cars 31.39 percent and motorcycles all type 19.62 percent while the growth rate of bicycle industry declined by 23.21 percent as compared to previous year.

15. Other Manufacturing Industries (38)

This group covers medical and scientific instruments and sports goods. This group carries a weight of 11.30. Index of this group has increased from 235.89 in 2002-03 to 257.63 in 2003-04 recording a growth of 9.22 percent as compared to previous year.

Table No. 2.2 shows the Annual Index of Industrial Production at group level for the years 1999-00 to 2003-04 whereas the Item level Index for the same years has been given in Table No. 2.3. Industrial Production at Item level in Haryana State for the years 1999-00 to 2003-04 has been depicted in Table No. 2.4.

Table-2.1**Annual Index of Industrial Production in Haryana at Division Level**

Base Year- 1993-94= 100

Division	Description	Weight	INDEX				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
2&3	Manufacturing	983.35	161.55 (6.47)	170.85 (5.76)	179.26 (4.92)	191.21 (6.67)	209.08 (9.35)
4	Electricity	16.65	162.97 (36.01)	194.22 (19.17)	263.80 (35.83)	284.49 (7.84)	312.54 (9.86)
Total		1000.00	161.57 (6.85)	171.24 (5.99)	180.67 (5.51)	192.77 (6.70)	210.81 (9.36)

* Provisional

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

Index Of Industrial Production in Haryana at Sector level (Base Year 1993-94)

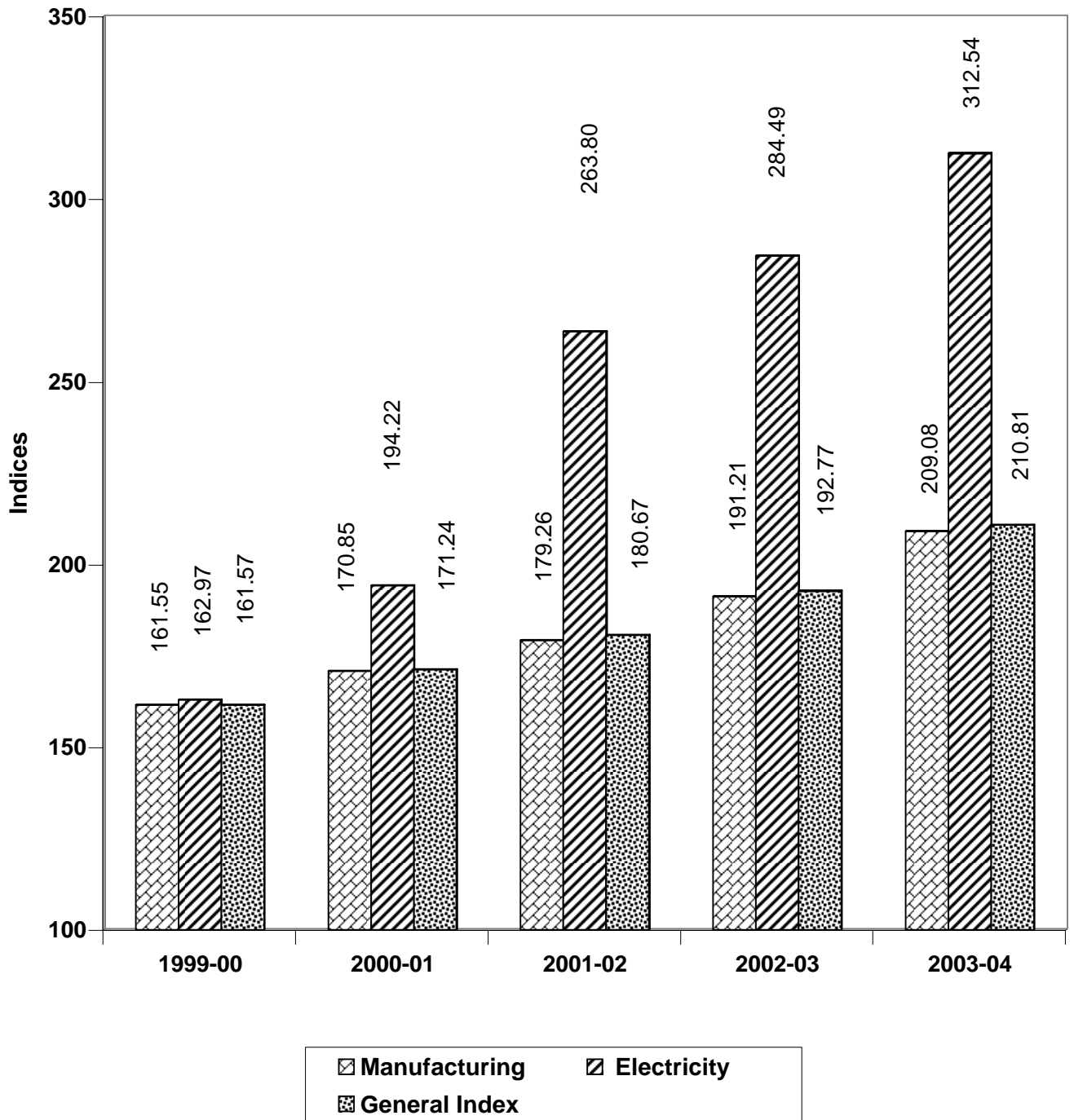


Table-2.2 (Contd)

Annual Index of Industrial Production in Haryana at Group Level

Base Year-1993-94=100

Sr. No.	Industrial Group	NIC Code 1987	Weight	INDEX				
				1999-00	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8	9
1	Manufacture of food products	20-21	162.15	130.32 (5.67)	138.69 (6.42)	146.10 (5.34)	155.13 (6.18)	165.40 (6.62)
2	Manufacture of beverages, Tobacco and related products	22	10.30	101.93 (0.63)	105.30 (3.31)	112.93 (7.25)	127.35 (12.77)	143.84 (12.95)
3	Manufacture of cotton textiles	23	34.50	128.80 (4.16)	133.96 (4.01)	120.76 (-9.85)	125.74 (4.12)	137.11 (9.04)
4	Manufacture of wool,silk and man-made fibre textiles	24	38.24	149.86 (8.81)	158.65 (5.87)	164.62 (3.76)	170.01 (3.27)	176.22 (3.65)
5	Manufacture of textiles products (including wearing apparel)	26	45.87	177.57 (9.82)	196.82 (10.84)	218.52 (11.03)	257.51 (17.84)	303.57 (17.89)
6	Manufacture of paper and paper products and printing, publishing and allied industries	28	29.51	145.80 (5.68)	153.10 (5.01)	160.48 (4.82)	166.62 (3.83)	171.08 (2.68)
7	Manufacture of leather and products of leather,fur and substitutes of leather	29	8.09	144.44 (5.40)	155.56 (7.70)	170.37 (9.52)	181.48 (6.52)	192.59 (6.12)
8	Manufacture of basic chemicals and chemical products (except products of petroleum and coal)	30	60.65	156.80 (5.26)	164.72 (5.05)	167.59 (1.74)	171.22 (2.17)	173.53 (1.35)
9	Manufacture of rubber,plastic, petroleum and coal products, processing of nuclear fuels	31	54.21	147.18 (6.31)	156.19 (6.12)	161.06 (3.12)	167.67 (4.10)	174.32 (3.97)
10	Manufacture of Non-metallic mineral products	32	32.93	127.30 (3.68)	133.15 (4.60)	138.43 (3.97)	143.29 (3.51)	149.30 (4.19)
11	Basic metal and alloy industries	33	89.31	122.89 (3.82)	127.95 (4.12)	132.00 (3.17)	138.10 (4.62)	144.22 (4.43)
12	Manufacture of metal products and parts except machinery and equipment	34	34.07	126.21 (6.27)	133.68 (5.92)	140.94 (5.43)	145.61 (3.31)	152.55 (4.77)

Table-2.2 (Concl'd)

Annual Index of Industrial Production in Haryana at Group Level

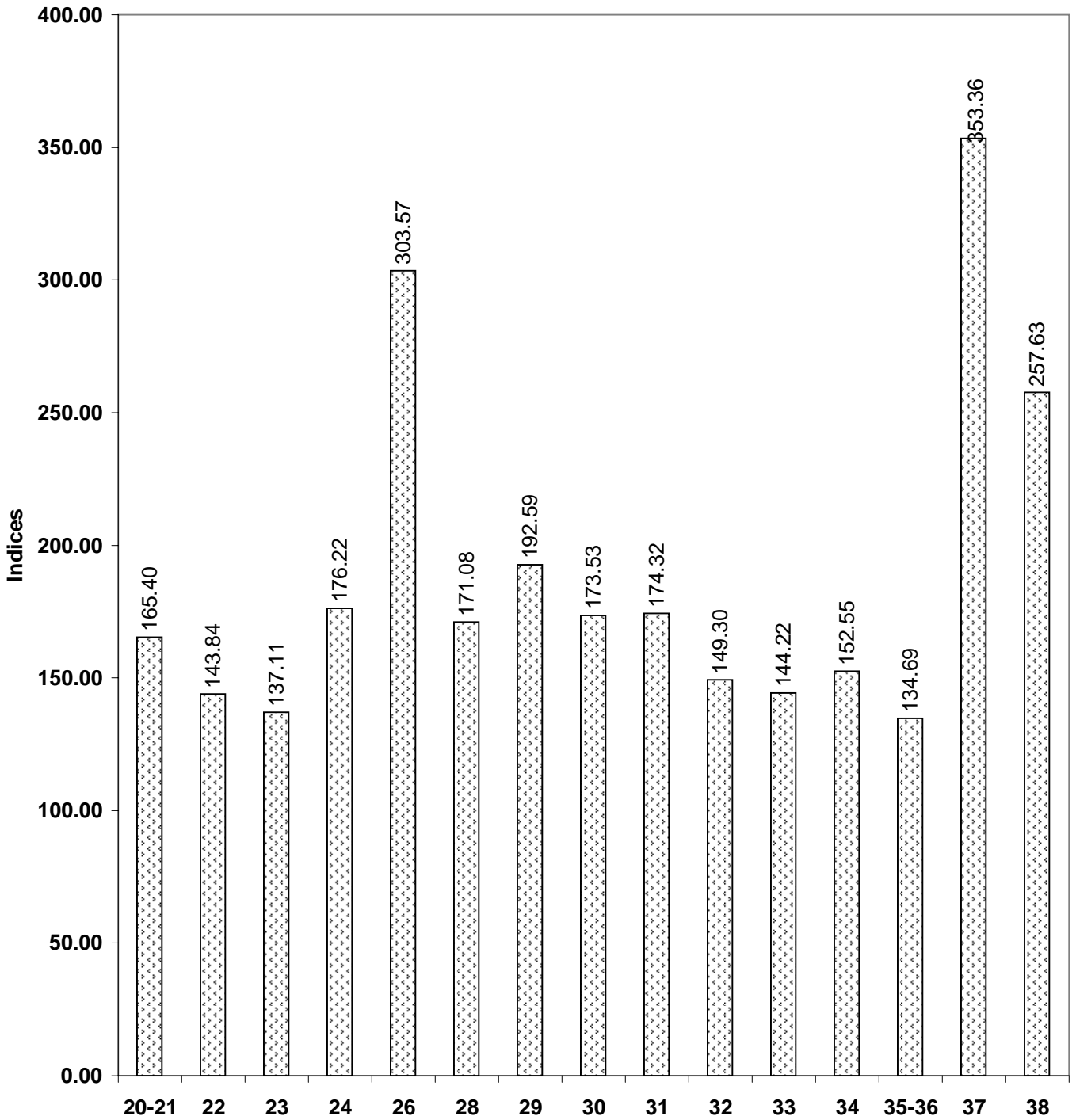
Base Year-1993-94=100

Sr. No.	Industrial Group	NIC Code 1987	Weight	INDEX				
				1999-00	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8	9
13	Manufacture of machinery and equipment other than transport equipment, scientific equipment, photographic/cinematographic equipments	35-36	146.83	152.72 (3.15)	159.31 (4.32)	156.99 (-1.46)	158.12 (0.72)	134.69 (-14.82)
14	Manufacture of transport equipment and parts	37	225.39	229.59 (8.88)	242.88 (5.79)	264.26 (8.80)	289.10 (9.40)	353.36 (22.23)
15	Other manufacturing Industries	38	11.30	156.05 (11.43)	175.37 (12.38)	191.43 (9.16)	235.89 (23.23)	257.63 (9.22)
	Division 2 & 3 Manufacturing		983.35	161.55 (6.47)	170.85 (5.76)	179.26 (4.92)	191.21 (6.67)	209.08 (9.35)
	Division 4 Electricity	40	16.65	162.97 (36.01)	194.22 (19.17)	263.80 (35.83)	284.49 (7.84)	312.54 (9.86)
General Index			1000.00	161.57 (6.85)	171.24 (5.99)	180.67 (5.51)	192.77 (6.70)	210.81 (9.36)

* Provisional

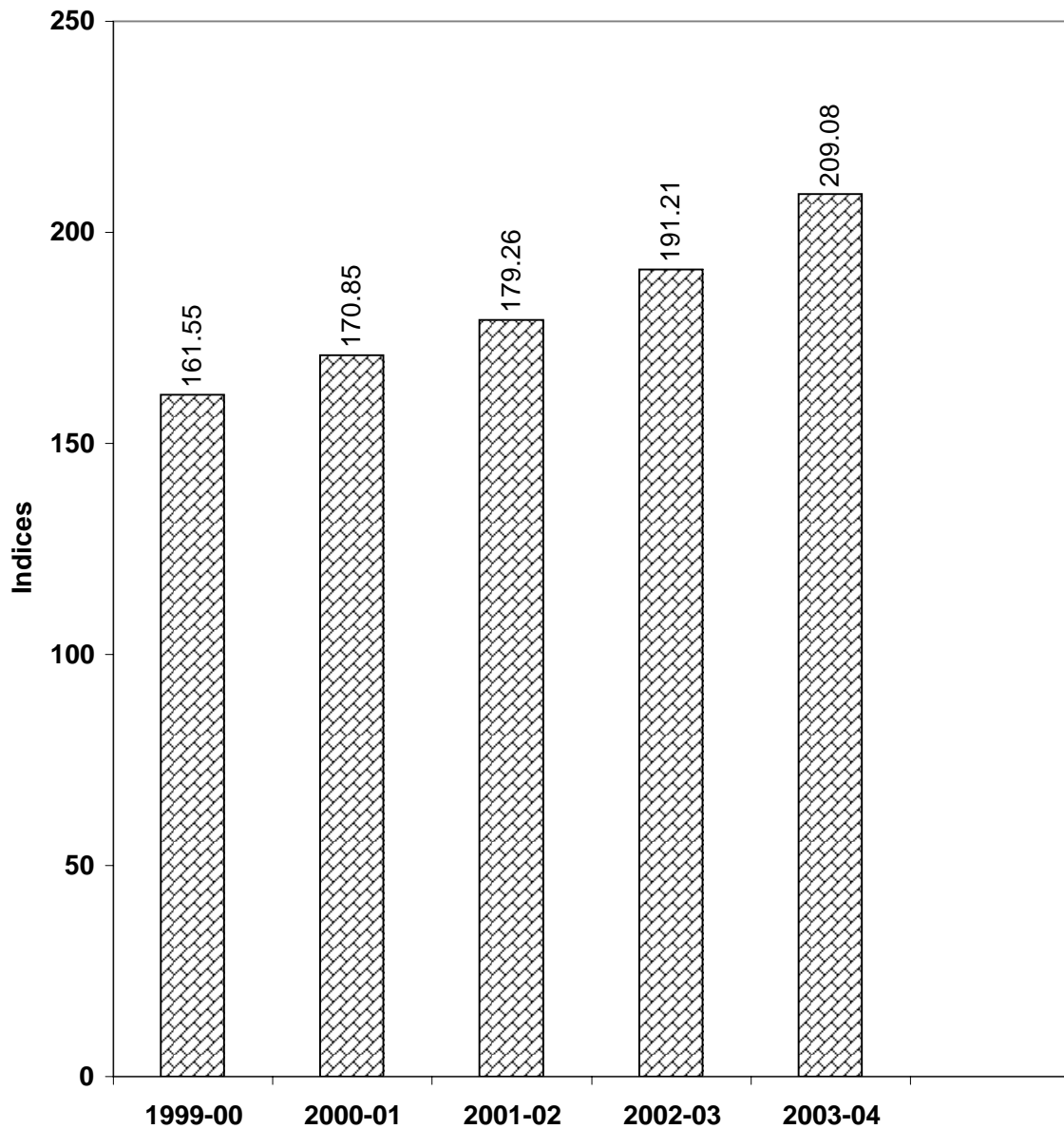
Note: Figures in the brackets are percentage increase /decrease over the previous year.

Index of Industrial Production in Haryana for the year 2003-04 Manufacturing Sector (2-Digit Level) (Base Year 1993-94)



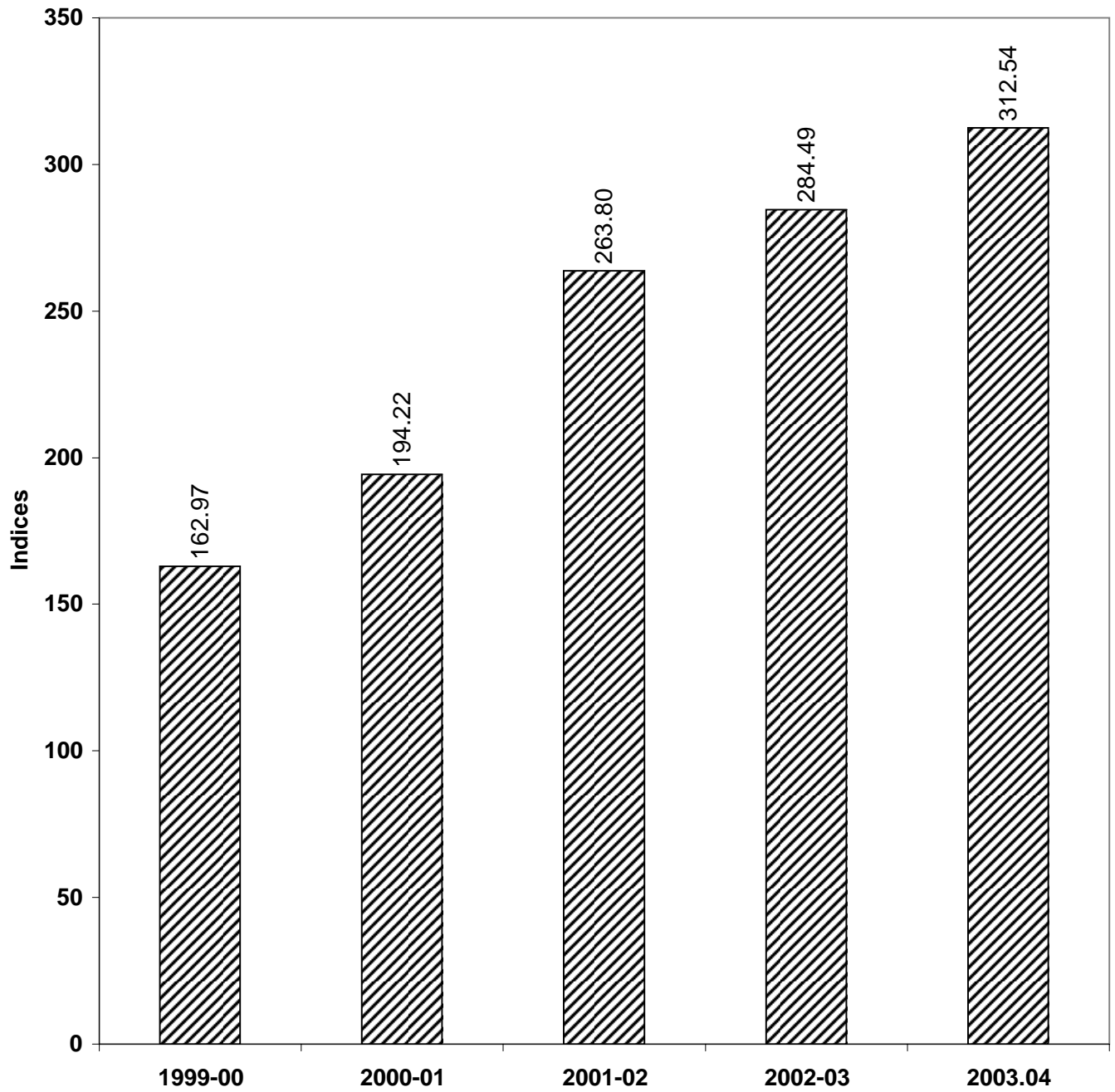
Manufacturing Sector

Index of Industrial Production in Haryana Manufacturing Sector (Base Year 1993-94)



Manufacturing Sector

Index of Industrial Production in Haryana Electricity Sector (Base Year 1993-94)



Electricity Sector

General Index of Industrial Production in Haryana (Manufacturing + Electricity) (Base Year 1993-94)

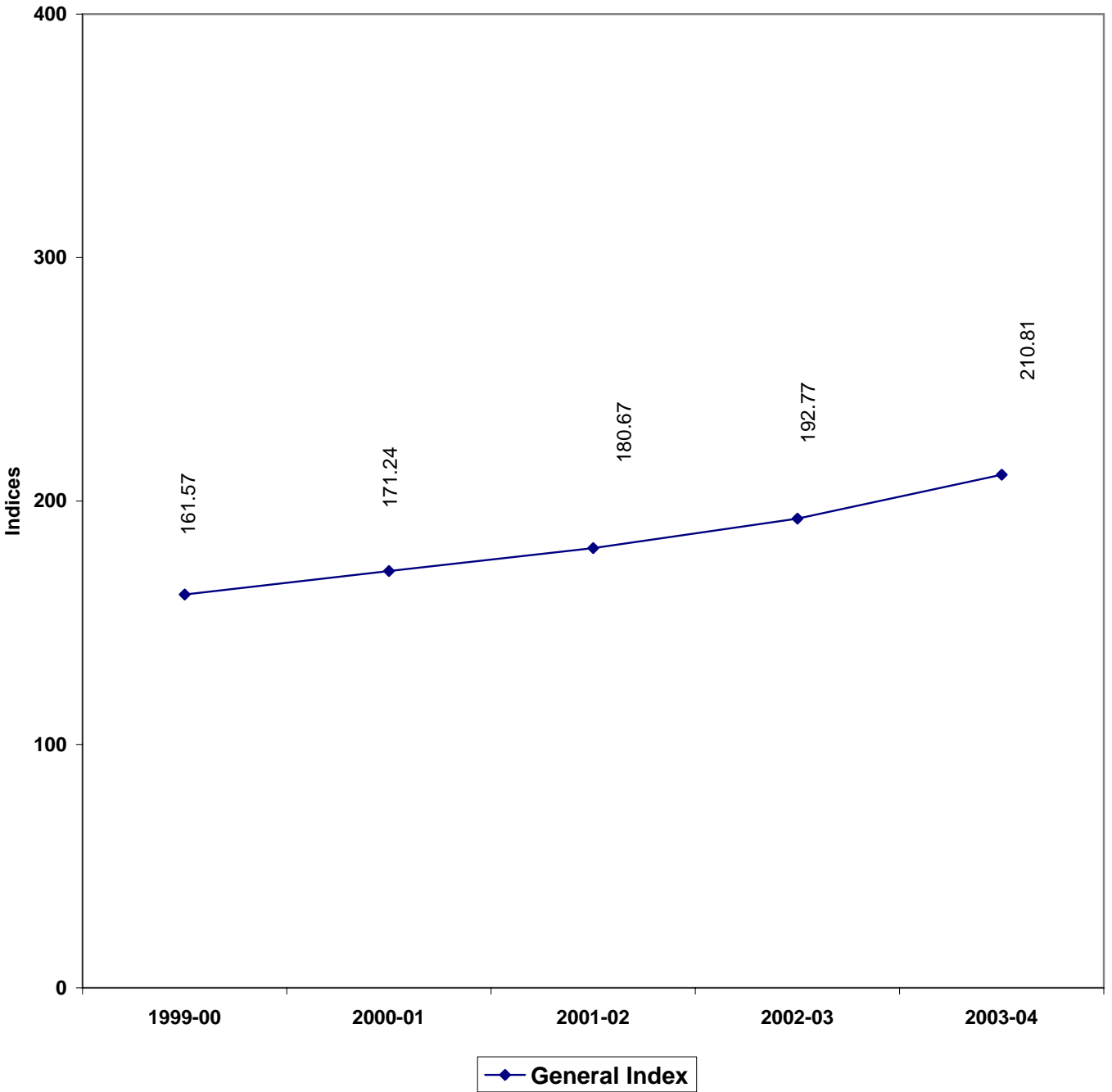


TABLE 2.3 (Contd)

Annual Index of Industrial Production in Haryana at Item Level

Base Year- 1993-94=100

Group/ NIC Code	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
20-21	Manufacture of Food Products	162.15	130.32 (5.67)	138.69 (6.42)	146.10 (5.34)	155.13 (6.18)	165.40 (6.62)
201.1	Milk powder all kind	2.55	105.15 (7.42)	123.51 (17.46)	118.65 (-3.93)	140.87 (18.73)	134.62 (-4.43)
201.3	Desi ghee	4.23	269.62 (35.59)	206.70 (-23.34)	255.84 (23.77)	312.92 (22.31)	257.28 (-17.78)
201.4	Milk all kind	3.63	155.68 (-10.06)	185.98 (19.46)	193.82 (4.22)	235.16 (21.33)	258.74 (10.03)
204.1	Atta	4.51	162.22 (21.67)	177.78 (9.59)	184.44 (3.75)	186.67 (1.21)	188.89 (1.19)
204.2	Rice all kind	76.37	116.91 (2.79)	124.52 (6.51)	127.48 (2.38)	134.88 (5.81)	152.22 (12.85)
204.2	Bran all kind	3.36	94.12 (8.11)	107.06 (13.75)	120.00 (12.09)	178.82 (49.02)	202.35 (13.16)
204.3	Dal all kind	2.20	47.83 (-71.79)	34.78 (-27.28)	39.13 (12.51)	30.43 (-22.23)	21.74 (-28.56)
205.2	Biscuits	5.64	396.00 (23.75)	448.00 (13.13)	444.00 (-0.89)	396.00 (-10.81)	204.00 (-48.48)
206	Sugar	21.77	109.61 (7.36)	124.02 (13.15)	136.04 (9.69)	142.04 (4.41)	162.46 (14.37)
210	Vanaspati ghee	4.54	52.00 (-45.83)	60.00 (15.38)	88.00 (46.67)	96.00 (9.09)	128.00 (33.33)
211.2	Edible oil	21.72	142.22 (12.28)	151.11 (6.25)	164.44 (8.82)	175.56 (6.76)	226.67 (29.11)
211.8	Cake all kind	8.97	85.93 (7.55)	93.47 (8.77)	101.01 (8.07)	110.05 (8.96)	93.97 (-14.61)
217.1&2	Poultry and cattle feed	1.78	146.97 (-11.01)	98.48 (-32.99)	80.30 (-18.46)	118.18 (47.17)	81.82 (-30.76)
218	Starch all kind	0.88	113.33 (0.00)	93.33 (-17.65)	66.67 (-32.88)	40.00 (-40.00)	73.33 (83.32)
22	Manufacture of Beverage, Tabacco and Related Products	10.30	101.93 (0.63)	105.30 (3.31)	112.93 (7.25)	127.35 (12.77)	143.84 (12.95)
220	Spirits all kind	4.41	63.10 (7.97)	64.35 (1.98)	73.75 (14.61)	77.21 (4.69)	96.35 (24.79)
222.1	Beer	1.39	9.56 (44.19)	13.61 (42.36)	23.66 (73.84)	30.16 (27.47)	42.84 (42.04)

TABLE 2.3 (Contd)

Annual Index of Industrial Production in Haryana at Item Level

Base Year- 1993-94=100

Group/ NIC Code	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
222.3	Malt	1.90	164.00 (-7.87)	174.00 (6.10)	170.00 (-2.30)	212.00 (24.70)	216.00 (1.89)
223	Country liquor	1.52	195.82 (6.19)	198.82 (1.53)	214.17 (7.72)	241.66 (12.83)	279.59 (15.69)
224	Soft drinks & syrups	1.08	138.05 (-5.55)	138.05 (0.00)	144.94 (4.99)	147.34 (1.65)	149.76 (1.64)
23	Manufacture of Cotton Textiles	34.50	128.80 (4.16)	133.96 (4.01)	120.76 (-9.85)	125.74 (4.12)	137.11 (9.04)
230	Cotton ginned	6.73	80.49 (3.13)	85.37 (6.06)	41.46 (-51.43)	41.46 (0.00)	65.85 (58.83)
230	Cotton pressed (Kapas)	10.64	124.31 (4.68)	131.94 (6.14)	84.03 (-36.31)	81.25 (-3.31)	93.06 (14.53)
230	Cotton seeds	2.35	138.46 (-2.71)	150.00 (8.33)	173.08 (15.39)	211.54 (22.22)	192.31 (-9.09)
235.1	Cotton yarn	14.78	152.50 (5.17)	155.00 (1.64)	175.00 (12.90)	182.50 (4.28)	192.50 (5.48)
24	Manufacture of Wool, Silk and Man-made Fibre Textiles	38.24	149.86 (8.81)	158.65 (5.87)	164.62 (3.76)	170.01 (3.27)	176.22 (3.65)
242.1	Shoddy / woollen yarn	6.87	146.79 (18.73)	157.29 (7.15)	166.41 (5.80)	187.29 (12.55)	221.22 (18.12)
242.1	Carpet yarn	2.08	105.13 (3.25)	102.37 (-2.62)	111.36 (8.79)	105.18 (-5.55)	79.66 (-24.26)
247.2	Synthetic / Polyester yarn	29.29	153.76 (7.09)	162.97 (5.99)	167.98 (3.07)	170.56 (1.53)	172.52 (1.15)
26	Manufacture of Textile Products (including wearing apparel)	45.87	177.57 (9.82)	196.82 (10.84)	218.52 (11.03)	257.51 (17.84)	303.57 (17.89)
263.6	Woollen carpet	10.47	138.23 (7.15)	150.85 (9.13)	159.73 (5.89)	174.06 (8.97)	181.23 (4.12)
265	Readymade garments	35.40	189.20 (10.41)	210.42 (11.22)	235.91 (12.11)	282.19 (19.62)	339.75 (20.40)
28	Manufacture of Paper and paper Products and Printing, Publishing and Allied industries	29.51	145.80 (5.68)	153.10 (5.01)	160.48 (4.82)	166.62 (3.83)	171.08 (2.68)
280.2	Paper all kind	22.77	129.52 (2.25)	140.00 (8.09)	142.86 (2.04)	147.62 (3.33)	161.90 (9.67)

TABLE 2.3 (Contd)

Annual Index of Industrial Production in Haryana at Item Level

Base Year- 1993-94=100

Group/ NIC Code	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
281.1, 2 & 3	Corrugated boxes and card-board boxes.	2.12	161.85 (8.99)	173.29 (7.07)	286.48 (65.32)	313.22 (9.33)	261.91 (-16.38)
281.9	Carton	1.76	350.89 (32.24)	319.43 (-8.97)	324.20 (1.49)	327.45 (1.00)	286.62 (-12.47)
285.3	Books	1.47	84.65 (-2.81)	90.48 (6.89)	21.42 (-76.33)	27.09 (26.47)	22.71 (-16.17)
285.3	Periodicals and journals	1.39	192.94 (-3.19)	192.44 (-0.26)	196.75 (2.24)	198.27 (0.77)	193.36 (-2.47)
29	Manufacture of Leather and Products of Leather, Fur and Substitutes of Leather	8.09	144.44 (5.40)	155.56 (7.70)	170.37 (9.52)	181.48 (6.52)	192.59 (6.12)
291	Leather shoes and chapples	8.09	144.44 (5.40)	155.56 (7.70)	170.37 (9.52)	181.48 (6.52)	192.59 (6.12)
30	Manufacture of Basic Chemicals and Chemical Products except Products of Petroleum and Coal	60.65	156.80 (5.26)	164.72 (5.05)	167.59 (1.74)	171.22 (2.17)	173.53 (1.35)
300.2	Gases	0.88	90.80 (25.03)	96.55 (6.33)	178.69 (85.08)	156.89 (-12.20)	159.13 (1.43)
300.9	Formaldehyde	1.45	58.48 (-13.49)	66.51 (13.73)	67.53 (1.53)	61.26 (-9.28)	62.21 (1.55)
301.1, 2 & 3	Fertilizers	38.54	151.72 (2.56)	165.69 (9.21)	162.24 (-2.08)	164.14 (1.17)	143.62 (-12.50)
301.4	Pesticides and insecticides (Solid)	3.52	247.99 (32.98)	250.94 (1.19)	267.47 (6.59)	296.94 (11.02)	327.46 (10.28)
301.4	Pesticides and insecticides (Liquid)	5.59	99.48 (-11.13)	78.33 (-21.26)	82.12 (4.84)	96.58 (17.61)	114.05 (18.09)
303.3	Dyes and colours	0.66	245.61 (-32.46)	80.55 (-67.20)	72.92 (-9.47)	79.25 (8.68)	91.69 (15.70)
304.2	Tablets	1.97	151.13 (-2.88)	152.53 (0.93)	160.06 (4.94)	143.64 (-10.26)	174.63 (21.57)
304.2	Capsules	1.69	269.73 (55.96)	288.63 (7.01)	248.20 (-14.01)	250.16 (0.79)	371.04 (48.32)
304.2	Syrups	0.66	349.67 (5.25)	276.91 (-20.81)	212.20 (-23.37)	345.32 (62.73)	455.77 (31.98)
305.1	Soaps	3.48	148.26 (17.20)	184.04 (24.13)	247.93 (34.72)	230.16 (-7.17)	307.08 (33.42)

TABLE 2.3 (Contd)

Annual Index of Industrial Production in Haryana at Item Level

Base Year- 1993-94=100

Group/ NIC Code	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
305.7	Shampoos.	0.65	157.80 (17.94)	224.00 (41.95)	224.00 (0.00)	211.00 (-5.80)	395.10 (87.25)
309.4	Blowing agents	1.56	194.74 (0.00)	187.20 (-3.87)	207.97 (11.10)	206.62 (-0.65)	199.37 (-3.51)
31	Manufacture of Rubber, Plastic, Petroleum and Coal Products, Processing of Nuclear Fuels	54.21	147.18 (6.31)	156.19 (6.12)	161.06 (3.12)	167.67 (4.10)	174.32 (3.97)
310.1	Tyres for motor vehicles	20.24	181.05 (9.38)	191.97 (6.03)	189.21 (-1.44)	173.03 (-8.55)	180.53 (4.33)
310.1	Tubes for motor vehicles	1.25	168.42 (6.79)	170.42 (1.19)	156.99 (-7.88)	145.19 (-7.52)	171.69 (18.25)
311.1, 2 & 3	Rubber shoes and chappals	9.29	125.71 (2.32)	142.86 (13.64)	164.44 (15.11)	230.48 (40.16)	222.54 (-3.44)
312.1	PVC Pipes	2.07	54.26 (3.00)	50.20 (-7.48)	69.88 (39.20)	77.83 (11.38)	57.18 (-26.52)
312.2	Belting all types	3.12	155.81 (10.52)	155.81 (0.00)	236.39 (51.72)	260.09 (10.02)	248.17 (-4.58)
313.1	Thermocoles	0.83	131.37 (-6.51)	131.37 (0.00)	200.98 (52.99)	221.24 (10.08)	325.82 (47.27)
313.1	Plastic sheets	17.41	127.99 (3.60)	134.54 (5.12)	122.27 (-9.12)	121.11 (-0.94)	135.02 (11.48)
32	Manufacture of Non - Metallic Mineral Products	32.93	127.30 (3.68)	133.15 (4.60)	138.43 (3.97)	143.29 (3.51)	149.30 (4.19)
320.1	Refractory bricks	1.71	106.60 (-19.86)	96.23 (-9.72)	239.62 (149.01)	244.34 (1.97)	254.72 (4.25)
320.4	Building bricks	1.80	313.36 (50.36)	294.69 (-5.96)	255.13 (-13.42)	242.48 (-4.95)	254.51 (4.97)
320.5	Ceramic tiles	2.68	294.41 (-5.27)	330.44 (12.24)	355.49 (7.58)	356.69 (0.34)	356.69 (0.00)
321.1	Glass sheets	6.19	103.00 (11.42)	116.92 (13.51)	129.77 (10.99)	135.13 (4.13)	132.16 (-2.20)
321.3	Bottles and jars	5.21	107.48 (11.97)	111.33 (3.58)	115.59 (3.83)	143.57 (24.21)	163.57 (13.93)
323.1	Crockery / kitchen-ware	1.07	362.94 (-2.06)	407.94 (12.40)	323.53 (-20.69)	291.18 (-10.00)	291.47 (0.10)
323.2	Sanitary ware	2.03	99.38 (0.44)	103.63 (4.28)	96.77 (-6.62)	89.57 (-7.44)	89.74 (0.19)

TABLE 2.3 (Contd)

Annual Index of Industrial Production in Haryana at Item Level

Base Year- 1993-94=100

Group/ NIC Code	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
324.2	Cement	8.82	41.31 (-19.05)	37.01 (-10.41)	25.23 (-31.83)	24.86 (-1.47)	25.42 (2.25)
327	Asbestos cement products	3.42	147.54 (3.45)	154.10 (4.45)	165.57 (7.44)	178.69 (7.92)	198.36 (11.00)
33	Basic Metal and Alloy Industries	89.31	122.89 (3.82)	127.95 (4.12)	132.00 (3.17)	138.10 (4.62)	144.22 (4.43)
330.1	Bar and rods	4.10	103.18 (-1.54)	100.15 (-2.94)	116.25 (16.08)	109.27 (-6.00)	117.19 (7.25)
330.1	Angle channels	3.12	205.29 (47.67)	205.29 (0.00)	171.03 (-16.69)	218.17 (27.56)	218.17 (0.00)
330.1	Billets and slabs	2.07	93.98 (15.00)	103.12 (9.73)	70.95 (-31.20)	76.28 (7.51)	121.50 (59.28)
330.1	Steel casting	1.30	210.00 (10.82)	206.80 (-1.52)	187.50 (-9.33)	134.20 (-28.43)	190.60 (42.03)
330.1	Steel wire	6.73	88.82 (-15.61)	87.58 (-1.40)	76.92 (-12.17)	83.00 (7.90)	85.60 (3.13)
331.2	Narrow cold-rolled steel strips	17.32	166.05 (10.03)	185.65 (11.80)	211.02 (13.67)	232.43 (10.14)	233.63 (0.52)
331.3	Stainless steel	9.36	112.94 (0.00)	141.57 (25.35)	161.96 (14.40)	158.82 (-1.94)	194.51 (22.47)
331.6	Steel sheets	6.33	99.63 (0.00)	106.54 (6.94)	96.62 (-9.31)	105.27 (8.95)	105.27 (0.00)
331.9	M.S. Pipes and tubes	27.58	119.42 (1.01)	114.06 (-4.49)	112.64 (-1.24)	112.70 (0.05)	107.97 (-4.20)
331.9	S.S.Ingot	1.53	114.84 (-11.48)	75.57 (-34.20)	89.07 (17.86)	94.41 (6.00)	123.94 (31.28)
334.1	Brass sheet and strips	5.95	95.80 (-1.19)	100.63 (5.04)	95.86 (-4.74)	99.61 (3.91)	99.40 (-0.21)
337.1	Ordinary casting	3.92	62.19 (-1.36)	58.57 (-5.82)	70.02 (19.55)	73.92 (5.57)	89.62 (21.24)
34	Manufacture of Metal Products and Parts except Machinery and Equipments	34.07	126.21 (6.27)	133.68 (5.92)	140.94 (5.43)	145.61 (3.31)	152.55 (4.77)
341.2	Gas cylinders	2.37	226.63 (-16.60)	247.28 (9.11)	173.91 (-29.67)	160.33 (-7.81)	219.84 (37.12)

TABLE 2.3 (Contd)

Annual Index of Industrial Production in Haryana at Item Level

Base Year- 1993-94=100

Group/ NIC Code	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
341.3	Tin containers	3.83	80.56 (29.08)	83.14 (3.20)	54.79 (-34.10)	57.64 (5.20)	63.12 (9.51)
343.1	Hand tools	2.22	82.00 (-47.19)	83.76 (2.15)	74.34 (-11.25)	97.12 (30.64)	108.25 (11.46)
343.3	Bolts and nuts	1.19	918.28 (67.43)	1067.28 (16.23)	1231.26 (15.36)	1238.94 (0.62)	1283.36 (3.58)
343.3	Machine screw all types	5.14	107.13 (14.64)	115.63 (7.93)	121.20 (4.82)	118.68 (-2.08)	103.57 (-12.73)
344.1	Forging & stamping	8.21	136.18 (-6.72)	130.63 (-4.08)	160.79 (23.09)	170.06 (5.76)	173.76 (2.17)
346.2	Aluminium utensils	5.00	11.76 (6.23)	12.15 (3.32)	9.82 (-19.18)	15.87 (61.61)	18.47 (16.38)
346.2	Steel utensils	4.25	86.50 (4.52)	97.31 (12.50)	122.19 (25.57)	124.66 (2.02)	129.47 (3.86)
346.2	Brass utensils	1.31	24.10 (9.50)	21.06 (-12.61)	11.76 (-44.16)	23.72 (101.70)	29.98 (26.39)
346.2	Gas stove and cooking ranges	0.55	96.32 (3.88)	45.64 (-52.62)	41.17 (-9.79)	43.41 (5.44)	47.82 (10.16)
35-36	Manufacture of Machinery and Equipment other than Transport Equipment (Manufacture of Scientific Equipment, Photographic / Cinematographic equipment, Watches and Clocks is classified in Div.38)	146.83	152.72 (3.15)	159.31 (4.32)	156.99 (-1.46)	158.12 (0.72)	134.69 (-14.82)
350.1	Tractors	76.82	153.71 (3.42)	153.01 (-0.46)	132.87 (-13.16)	119.75 (-9.87)	43.25 (-63.88)
350.1	Tractor parts	3.31	62.88 (16.49)	64.62 (2.77)	68.71 (6.33)	96.12 (39.89)	155.26 (61.53)
351.7	Loaders	7.01	130.77 (16.44)	155.38 (18.82)	195.38 (25.74)	187.69 (-3.93)	287.69 (53.28)
353.9	Hydraulic press	0.58	60.49 (-18.33)	53.09 (-12.23)	48.15 (-9.30)	66.67 (38.46)	76.54 (14.80)
354.4	Printing machine	2.67	84.14 (-19.51)	93.85 (11.54)	78.64 (-16.21)	73.46 (-6.57)	82.20 (11.90)
355.1	Air-conditioning plants	0.87	118.92 (-20.00)	132.43 (11.36)	178.38 (34.70)	254.05 (42.42)	94.59 (-62.77)
355.3	Domestic refrigerators	23.56	129.17 (-3.43)	134.68 (4.27)	135.60 (0.69)	152.48 (12.45)	165.87 (8.78)
356.1	Cranes	0.58	411.01 (15.76)	445.87 (8.48)	422.02 (-5.35)	527.52 (25.00)	814.68 (54.43)

TABLE 2.3 (Contd)

Annual Index of Industrial Production in Haryana at Item Level

Base Year- 1993-94=100

Group/ NIC Code	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
356.2	Air gas compressors	1.29	152.58 (0.00)	152.58 (0.00)	163.54 (7.18)	168.45 (3.00)	237.60 (41.05)
356.2	Compressors	0.95	348.94 (41.90)	404.15 (15.82)	467.02 (15.56)	508.17 (8.81)	686.14 (35.02)
360.2	Transformers	1.32	223.53 (0.00)	247.06 (10.53)	258.82 (4.76)	258.82 (0.00)	388.24 (50.00)
360.3	Switch gears and control gears	5.97	133.45 (-1.72)	141.10 (5.73)	159.34 (12.93)	165.14 (3.64)	236.51 (43.22)
360.4	Electric motors phase-I & II	4.81	273.27 (5.28)	367.99 (34.66)	411.22 (11.75)	464.85 (13.04)	530.86 (14.20)
360.4	Electric pumps	1.05	219.64 (7.89)	164.29 (-25.20)	153.57 (-6.53)	158.93 (3.49)	230.36 (44.94)
361	PVC Insultated wires and cables	5.42	108.00 (28.57)	100.00 (-7.41)	136.00 (36.00)	160.00 (17.65)	176.00 (10.00)
363.3	Flourescent-tubes	0.93	437.42 (23.38)	547.09 (25.07)	589.73 (7.79)	607.41 (3.00)	598.58 (-1.45)
364.1	Electric fans all types	5.88	142.13 (-1.07)	151.36 (6.49)	139.51 (-7.83)	143.22 (2.66)	150.81 (5.30)
364.9	Switches all types	0.59	300.46 (-23.44)	395.40 (31.60)	516.67 (30.67)	673.39 (30.33)	630.57 (-6.36)
367.1	Computers	1.20	348.20 (-5.15)	309.60 (-11.09)	554.60 (79.13)	509.10 (-8.20)	412.00 (-19.07)
368.2	Electrical capacitor	0.49	60.73 (-9.45)	57.26 (-5.71)	54.03 (-5.64)	54.36 (0.61)	45.18 (-16.89)
368.5	A.C.S.R. conductor	1.53	149.37 (7.28)	157.37 (5.36)	146.60 (-6.84)	189.03 (28.94)	152.00 (-19.59)
37	Manufacture of Transport Equipment and Parts	225.39	229.59 (8.88)	242.88 (5.79)	264.26 (8.80)	289.10 (9.40)	353.36 (22.23)
374.1	Motor car (Maruti)	137.11	257.59 (22.22)	222.15 (-13.76)	226.58 (1.99)	227.85 (0.56)	299.37 (31.39)
374.8	Motor vehicle parts and accessories	26.72	153.29 (-4.31)	195.41 (27.48)	192.65 (-1.41)	242.40 (25.82)	248.15 (2.37)
375.1	Motor cycle all types	30.70	254.15 (0.69)	482.53 (89.86)	621.40 (28.78)	756.77 (21.78)	905.24 (19.62)
375.4	Helmets	0.45	57.09 (38.10)	70.87 (24.14)	109.84 (54.99)	103.94 (-5.37)	137.40 (32.19)

TABLE 2.3 (Concl'd)

Annual Index of Industrial Production in Haryana at Item Level

Base Year- 1993-94=100

Group/ NIC Code	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
375.8	Manufacture of auto parts & accessories for motor cycle, scooters & three wheelers	6.10	270.35 (-30.98)	366.78 (35.67)	369.85 (0.84)	376.73 (1.86)	392.03 (4.06)
376.1	Bycycles	11.28	97.00 (-6.58)	56.63 (-41.61)	70.83 (25.08)	69.33 (-2.12)	53.24 (-23.21)
376.8	Bicycle parts	13.03	135.20 (-41.68)	102.96 (-23.85)	89.42 (-13.15)	83.08 (-7.09)	86.10 (3.63)
38	Other Manufacturing Industries	11.30	156.05 (11.43)	175.37 (12.38)	191.43 (9.16)	235.89 (23.23)	257.63 (9.22)
380.1	Microscopes	0.76	73.33 (-21.43)	66.67 (-9.08)	66.67 (0.00)	73.33 (9.99)	100.00 (36.37)
380.6	Syringes all types	6.16	183.14 (9.64)	209.44 (14.36)	232.77 (11.14)	308.23 (32.42)	357.18 (15.88)
380.1	Lenses	0.23	162.73 (-13.53)	165.84 (1.91)	158.39 (-4.49)	161.49 (1.96)	195.03 (20.77)
381.1	Safety glass	0.71	404.55 (36.93)	445.45 (10.11)	427.27 (-4.08)	404.55 (-5.32)	240.91 (-40.45)
385.1	Sports goods	3.44	74.07 (11.02)	83.27 (12.42)	98.49 (18.28)	112.42 (14.14)	121.83 (8.37)
40	Electricity	16.65	162.97 (36.01)	194.22 (19.17)	263.80 (35.83)	284.49 (7.84)	312.54 (9.86)

* Provisional

TABLE-2.4 (Contd.)

Industrial Production in Haryana at Item Level

Group/ NIC Code	Items	Unit of Measure- ment	Production					
			1993-94	1999-2000	2000-01	2001-02	2002--03	2003-04*
1	2	3	4	5	6	7	8	9
20-21 Manufacture of Food Products								
201.1	Milk Powder all kind	M.T.	19401	20401	23963	23020	27331	26117
201.3	Desi ghee	M.T.	7654	20637	15821	19582	23951	19692
201.4	Milk all kind	Th.Litre	65633	102178	122061	127212	154340	169817
204.1	Atta	Th.M.T.	45	73	80	83	84	85
204.2	Rice all kind	Th.M.T.	473	553	589	603	638	720
204.2	Bran all kind	Th.M.T.	85	80	91	102	152	172
204.3	Dal all kind	Th.M.T.	23	11	8	9	7	5
205.2	Biscuits	Th.M.T.	25	99	112	111	99	51
206	Sugar	Th.M.T.	333	365	413	453	473	541
210	Vanaspati ghee	Th.M.T.	25	13	15	22	24	32
211.2	Edible oil	Th.M.T.	45	64	68	74	79	102
211.8	Cake all kind	Th.M.T.	199	171	186	201	219	187
217.1	Poultry and cattle feed	Th.M.T.	66	97	65	53	78	54
218	Starch all kind	Th.M.T.	15	17	14	10	6	11
22 Manufacture of Beverage, Tabacco and Related Products								
220	Sprits all kind	Th.Litre	48000	30287	30890	35400	37060	46246
222.1	Beer	Th.Litre	32023	3060	4359	7578	9659	13720
222.3	Malt	Th.M.T.	50	82	87	85	106	108
223	Country liquor	Th.Litre	13098	25648	26041	28052	31653	36621
224	Soft drinks and syrups	Th.Litre	20601	28439	28439	29860	30353	30853
23 Manufacture of Cotton Textiles								
230	Cotton ginned	Th.M.T.	41	33	35	17	17	27
230	Cotton pressed(Kapas)	Th. Bale	144	179	190	121	117	134
230	Cotton seeds	Th.M.T.	26	36	39	45	55	50
235.1	Cotton yarn	Th.M.T.	40	61	62	70	73	77
24 Manufacture of Wool, Silk and Man-made Fibre Textiles								
242.1	Shoddy / Woollen yarn	M.T.	13457	19753	21166	22394	25204	29770
242.1	Carpet yarn	M.T.	1814	1907	1857	2020	1908	1445
247.2	Synthetic / Polyester yarn	M.T.	22379	34409	36470	37593	38169	38609
26 Manufacture of Textile Products (including wearing apparel)								
263.6	Woollen carpet	Th.Sq.Mtr.	293	405	442	468	510	531
265	Readymade Garments	Th.No.	3907	7392	8221	9217	11025	13274
28 Manufacture of Paper and Paper Products and Printing, Publishing and Allied Industries								
280.2	Paper all kind	Th.M.T.	105	136	147	150	155	170
281.1,	Corrugated boxes and card 2 & 3 board boxes	Th. No.	12574	20351	21790	36022	39384	32932
281.9	Carton	Lakh No.	1570	5509	5015	5090	5141	4500

TABLE-2.4 (Contd.)

Industrial Production in Haryana at Item Level

Group/ NIC Code	Items	Unit of Measure- ment	Production					
			1993-94	1999-2000	2000-01	2001-02	2002--03	2003-04*
1	2	3	4	5	6	7	8	9
285.3	Books	Th. No.	15112	12793	13674	3237	4094	3432
285.3	Periodicals and journals	Th. No.	33266	64183	64016	65451	65958	64324
29 Manufacture of Leather and Products of Leather, Fur and Substitutes of Leather								
291.1	Leather shoes and chappals	Lakh Pairs	27	39	42	46	49	52
30 Manufacture of Basic Chemicals and Chemical Products (except Products of Petroleum and Coal)								
300.2	Gases	Th.Qu.Mtr.	12880	11695	12436	23015	20208	20496
300.9	Formaldehyde	M. T.	9526	5571	6336	6433	5836	5926
301.1,	Fertilizers	Th. M.T	580	880	961	941	952	833
2 & 3								
301.4	Pesticides & insecticides (Solid)	M. T.	7854	19477	19709	21007	23322	25719
301.4	Pesticides & insecticides(Liquid)	Th.Litre	6867	6831	5379	5639	6632	7832
303.3	Dyes and colours	M. T.	1311	3220	1056	956	1039	1202
304.2	Tablets	Lakh No	6425	9710	9800	10284	9229	11220
304.2	Capsules	Lakh No	1830	4936	5282	4542	4578	6790
304.2	Syrups	Th.Litre	459	1605	1271	974	1585	2092
305.1	Soaps	M. T.	9000	13343	16564	22314	20714	27637
305.7	Shampoos	M. T.	1000	1578	2240	2240	2110	3951
309.4	Blowing agents	M. T.	2071	4033	3877	4307	4279	4129
31 Manufacture of Rubber, Plastic, Petroleum and Coal Products, Processing of Nuclear Fuels								
310.1	Tyres for motor vehicles	Th. No	760	1376	1459	1438	1315	1372
310.1	Tubes for motor vehicles	Th No.	551	928	939	865	800	946
311.1,	Rubber shoes and chappals	Lakh Pairs	315	396	450	518	726	701
2 & 3								
312.1	PVC pipes	M. T.	6649	3608	3338	4646	5175	3802
312.2	Belting all types	Th Metre	654	1019	1019	1546	1701	1623
313.1	Thermocoles	M. T.	306	402	402	615	677	997
313.1	Plastic sheets	M. T.	5145	6585	6922	6291	6231	6947
32 Manufacturing of Non -Metallic Mineral Products								
320.1	Refractory bricks	Lakh No	106	113	102	254	259	270
320.4	Building bricks	Lakh No	1130	3541	3330	2883	2740	2876
320.5	Ceramic tiles	Lakh No	1002	2950	3311	3562	3574	3574
321.1	Glass sheets	Th.Sq.Mtr.	15625	16094	18269	20276	21114	20650
321.3	Bottles and jars	Lakh No	7087	7617	7890	8192	10175	11592
323.1	Crockery / Kitchenware	Lakh No.	340	1234	1387	1100	990	991
323.2	Sanitary ware	M.T.	13124	13043	13601	12700	11755	11777
324.2	Cement	Th M.T.	535	221	198	135	133	136
327	Asbestos cement products	Th.M.T.	61	90	94	101	109	121

TABLE-2.4 (Contd.)

Industrial Production in Haryana at Item Level

Group/ NIC Code	Items	Unit of Measure- ment	Production					
			1993-94	1999-2000	2000-01	2001-02	2002--03	2003-04*
1	2	3	4	5	6	7	8	9
33 Basic Metal and Alloy Industries								
330.1	Bar & rods	M.T.	33000	34049	33050	38361	36059	38672
330.1	Angle channels	M.T.	10683	21931	21931	18271	23307	23307
330.1	Billets and slabs	M.T.	1893	1779	1952	1343	1444	2300
330.1	Steel casting	M.T.	1000	2100	2068	1875	1342	1906
330.1	Steel wire	M.T.	32719	29062	28654	25166	27157	28009
331.2	Narrow cold-rolled steel strips	M.T.	64270	106723	119318	135624	149382	150153
331.3	Stainless steel	M.T.	255	288	361	413	405	496
331.6	Steel sheets	M.T.	38895	38751	41438	37580	40945	40945
331.9	M.S.pipe and tubes	M.T.	700741	836801	799295	789313	789731	756581
331.9	S.S.ingot	M.T.	33045	37949	24972	29432	31197	40956
334.1	Brass sheets and strips	M.T.	8722	8356	8777	8361	8688	8670
337.1	Ordinary casting	M.T.	19000	11817	11129	13303	14044	17027
34 Manufacture of Metal Products and Part, except Machinery and Equipment								
341.2	Gas cylinder	Th. No.	368	834	910	640	590	809
341.3	Tin containers	Th. No.	37081	29871	30828	20316	21375	23405
343.1	Hand tools	Th. No.	18537	15201	15526	13781	18003	20066
343.3	Bolts and nuts	M.T.	547	5023	5838	6735	6777	7020
343.3	Machine screw all types	M.T.	6000	6428	6938	7212	7121	6214
344	Forging and stamping	M.T.	15000	20427	19594	24119	25509	26064
346.2	Aluminium utensils	M.T.	2312	272	281	227	367	427
346.2	Steel utensils	M.T.	1415	1224	1377	1729	1764	1832
346.2	Brass utensils	M.T.	527	127	111	62	125	158
346.6	Gas stove and cooking ranges	No	54806	52791	25016	22562	23789	26206
35&36 Manufacture of Machinery and Equipment other than Transport Equipment (Mfg. of Scientific Equipment Photographic/ Cinematographic Equipment , Watches and Clocks is classified in division 38)								
350.1	Tractors	No	58121	89338	88930	77224	69602	25139
350.1	Tractor parts	Th. No	4200	2641	2714	2886	4037	6521
351.7	Loaders	No	65	85	101	127	122	187
353.9	Hydraulic press	No	162	98	86	78	108	124
354.4	Printing machine	No	309	260	290	243	227	254
355.1	Air-conditioning plants	No	37	44	49	66	94	35
355.3	Domestic refrigerators	Th. No	545	704	734	739	831	904
356.1	Crane	No	109	448	486	460	575	888
356.2	Air gas compressors	No.	48774	74418	74418	79766	82159	115887
356.2	Compressors	No	46536	162382	188077	217334	236482	319300
360.2	Transformers	Th. No.	17	38	42	44	44	66
360.3	Switch gears and control gears	Th. No.	2484	3315	3505	3958	4102	5875
360.4	Electric motors phase I & II	Th. No.	606	1656	2230	2492	2817	3217
360.4	Electric pumps	Th. No.	56	123	92	86	89	129
361	PVC insulated wires & cables	Th. Km.	25	27	25	34	40	44
363.3	Flourescent-tubes	Th. No.	5988	26193	32760	35313	36372	35843

TABLE-2.4 (Concl'd.)

Industrial Production in Haryana at Item Level

Group/ NIC Code	Items	Unit of Measure- ment	Production					
			1993-94	1999-2000	2000-01	2001-02	2002--03	2003-04*
1	2	3	4	5	6	7	8	9
364.1	Electric fans all types	Th. No.	1106	1572	1674	1543	1584	1668
364.9	Switches all types	Th. No.	1086	3263	4294	5611	7313	6848
367.1	Computers	No.	1000	3482	3096	5546	5091	4120
368.2	Electrical capacitors	Th. No.	23892	14510	13680	12910	12988	10794
368.5	A.C.S.R. conductors	M.T.	3000	4481	4721	4398	5671	4560
37 Manufacture of Transport Equipment and Parts								
374.1	Motor car (Maruti)	Th. No	158	407	351	358	360	473
374.8	Motor vehicle parts and accessories	Th. No	122461	187725	239302	235926	296846	303887
375.1	Motor cycle all types	Th. No	229	582	1105	1423	1733	2073
375.4	Helmets	Th No	254	145	180	279	264	349
375.8	Manufacture of auto parts and accessories for motor cycles, scooters and three wheelers.	Th. No	47629	128767	174695	176158	179435	186722
376.1	Bicycles	Th. No.	1803	1749	1021	1277	1250	960
376.8	Bicycles parts	Th. No.	22193	30006	22849	19846	18439	19109
38 Other Manufacturing Industries								
380.1	Microscopes	Th. No.	15	11	10	10	11	15
380.6	Syringes all types	Lakh No.	1483	2716	3106	3452	4571	5297
381.1	Lenses	Th.No.	161	262	267	255	260	314
381.1	Safety glass	Th.Sq.Mtr.	22	89	98	94	89	53
385.9	Sports goods	Th.No.	12342	9142	10277	12156	13875	15036
40	Electricity	M.K.W.H.	3133	5106	6085	8265	8913	9792

* Provisional

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 four groups viz., Basic Goods, Capital Goods, Intermediate Goods and Consumer Goods with sub-groups such as Consumer Durable and Consumer Non-Durable Goods.

Concepts and definitions for Use-Based Classification are given below.

(i) Basic Goods

Any bulk raw material product used for further production of new items in manufacturing and agriculture.

(ii) Capital Goods

Plants, machinery and goods used for further investments.

(iii) Intermediate Goods

Any goods product produced as incomplete product or which goes as input in production for further finishing.

(iv) Consumer Goods

a) Consumer Durable Goods

Products directly used by consumers and having a larger durability (say more than 2-3 years).

b) Consumer Non-Durable Goods

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

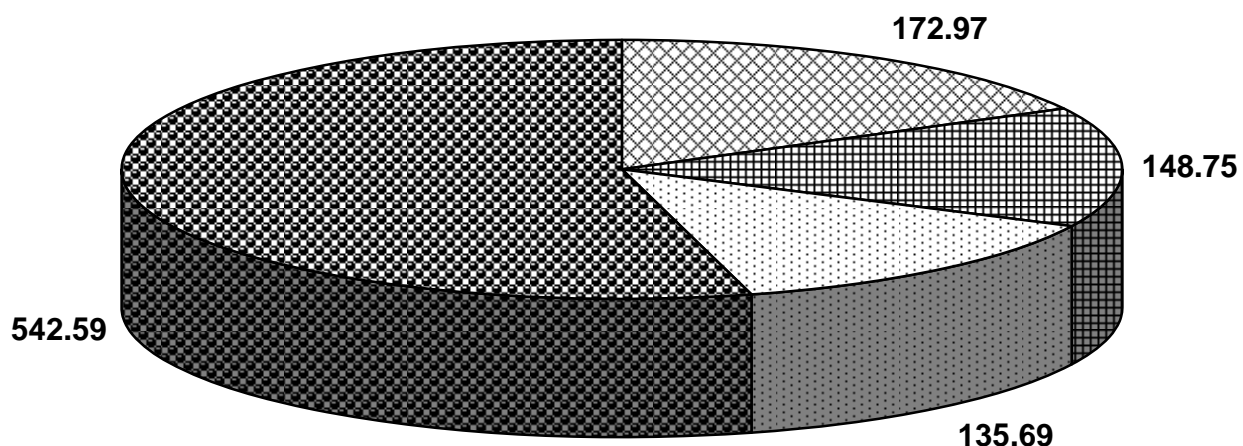
The share of each use-based industry group to the industry sector of the State and the number of industrial groups and items covered representing the use-based groups are as under: -

**Share of each Use-Based Industry Group to the Industry Sector and
Number of Industrial Groups and Items Covered**

Base Year 1993-94

Sr. No	Industry Group	Weight	Number of Items covered	Nimber of Industry Groups
1.	Basic Goods Industries	172.97	20	9
2.	Capital Goods Industries	148.75	19	11
3.	Intermediate Goods Industries	135.69	21	12
4.	Consumer Goods Industries	542.59	58	35
	(a) Consumer Durable Goods	253.50	20	11
	(b) Consumer Non-Durable Goods	289.09	38	24
	Total	1000.00	118	67

**Index of Industrial Production in Haryana
Weights of Industries at Use-Based Classification
(Base Year 1993-94)**



▣ Basic Goods Industries

▣ Capital Goods Industries

▣ Intermediate Goods Industries

▣ Consumer Goods Industries

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

Base Year 1993-94=100

Sr. No	Industry Group	Weight	Index				
			1999-00	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
1	Basic Goods Industries	172.97	130.73 (5.85)	138.45 (5.91)	148.19 (7.04)	155.08 (4.65)	157.77 (1.73)
2	Capital Goods Industries	148.75	150.40 (2.41)	162.80 (8.24)	157.67 (-3.15)	164.78 (4.51)	140.92 (-14.48)
3	Intermediate Goods Industries	135.69	149.88 (5.67)	156.13 (4.17)	155.12 (-0.65)	156.12 (0.64)	165.92 (6.28)
4	Consumer Goods Industries	542.59	177.39 (8.44)	187.78 (5.86)	203.71 (8.48)	221.62 (8.79)	258.09 (16.46)
	(a) Consumer Durable Goods	253.50	218.89 (9.58)	228.67 (4.47)	251.02 (9.77)	271.91 (8.32)	330.65 (21.60)
	(b) Consumer Non-Durable Goods	289.09	141.00 (6.92)	151.93 (7.75)	162.23 (6.78)	177.52 (9.42)	194.47 (9.55)
	Total	1000.0	161.57 (6.85)	171.24 (5.99)	180.67 (5.51)	192.77 (6.70)	210.81 (9.36)

* Provisional

During the year 2003-04, Consumer Goods Industries has recorded the highest growth of 16.46 percent followed by Intermediate Goods Industries 6.28 percent and Basic Goods Industries 1.73 percent. Capital Goods Industries has shown a decline of 14.48 percent as compared to the previous year.

A. Basic Goods Industries

Basic Goods Industries recorded growth of 1.73 percent during the year 2003-04 as compared to the previous year. The index of this industry group has risen from 155.08 in 2002-03 to 157.77 in 2003-04. Cement, fertilizer, insecticides, pesticides, M.S. Pipes and tubes and generation of electricity are the major products in this group. These items have significantly effected the index of this group. Manufacturing of S.S. ingots, stainless steel,

ordinary casting, billets and slabs, steel casting and electricity recorded a notable increase during the year 2003-04.

B. Capital Goods Industries

The Index of Capital Goods Industries has decreased from 164.78 in 2002-03 to 140.92 in 2003-04, showing a decline of 14.48 percent. This decline in the index is mainly due to fall in the production of tractors, machine screw all types, air-conditioning plants, electric capacitors and ACSR conductors etc. during the year 2003-04 over the previous year.

C. Intermediate Goods Industries

The Index of Intermediate Goods Industries has increased from 156.12 in 2002-03 to 165.92 in 2003-04 recording an increase of 6.28 percent. This increase in the index is due to increase in the production of cotton ginned, cotton pressed (kapas), plastic sheets, tin containers and tubes for motor vehicles. The manufacturing of cotton ginned recorded the highest growth of 58.83 percent followed by thermocoils 47.27 percent, gas cylinders 37.12 percent and tubes for motor vehicles 18.25 percent during the year 2003-04 over the previous year.

D. Consumer Goods Industries

Consumer Goods Industries recorded the highest annual growth of 16.48 percent during the year 2003-04 as the index of this group has increased from 221.62 in 2002-03 to 258.09 in 2003-04.

(a) Consumer Durable Goods Industries:

The index of Consumer Durable Goods Industries has increased from 271.91 in 2002-03 to 330.65 in 2003-04 recording significant annual growth of 21.60 percent. Cars, motor cycles, domestic refrigerators, electric fans, bicycles and auto parts are the main products of this group. Manufacturing of microscopes recorded the highest growth of 36.37 percent followed by helmets 32.19 percent, motor cars 37.39 percent, lenses 20.77 percent and motor cycles 19.62 percent during the year 2003-04 as compared to previous year. The production of Cars was 360000 in 2002-03, which increased to 473000 in the year 2003-04 recording a growth of 31.39 percent during the year 2003-04 over the previous year.

(b) Consumer Non-Durable Goods Industries

The Index of Consumer Non-Durable Goods Industries has increased from 177.52 in 2002-03 to 194.47 in 2003-04 and recorded a significant growth of 9.55 percent as compared to previous year. Rice, desi ghee, vanaspati ghee, atta, sugar, edible oils, crockery, kitchen ware, readymade garments, leather shoes and chappals and paper all kind are the major products of this group. The production of shampoo has recorded the highest growth of

87.27 percent followed by starch all kind 83.32 percent, vanaspati ghee 53.33 percent, capsules 48.32 percent, beer 42.94 percent and soaps 33.42 percent during 2003-04 as compared to previous year.

Index of Industrial Production according to Use-Based Classification for the years 1999-00 to 2003-04 for Basic Goods Industries, Capital Goods Industries, Intermediate Goods Industries and Consumer Goods Industries (Durable and Non-durable Goods separately) has been represented in table No. 3.1.

Limitations

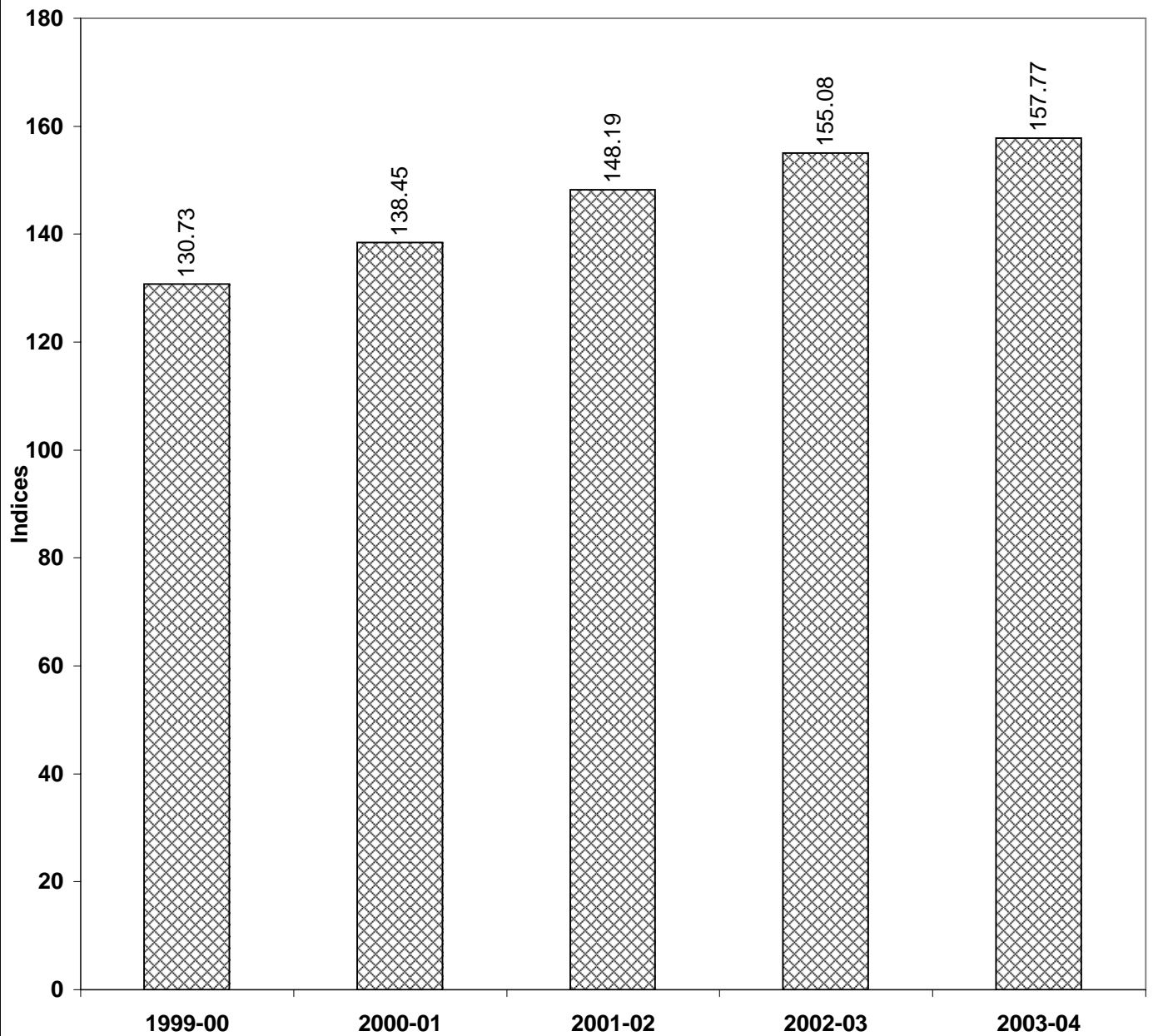
(i) The Index of Industrial Production in Haryana State prepared by Economic and Statistical Organisation covers both the large and small manufacturing (registered under Indian Factories Act 1948) units located in the rural and urban area of the State. It represents only the Manufacturing and Electricity Sector because mining and quarrying sector is not included due to its insignificant contribution in the State Domestic Product.

(ii) The Unorganized part of Manufacturing Sector including small-scale industries (which are not covered in the ASI survey) are not covered due to non-availability of data.

(iii) Non-Responsive units have not been covered due to reporting difficulties.

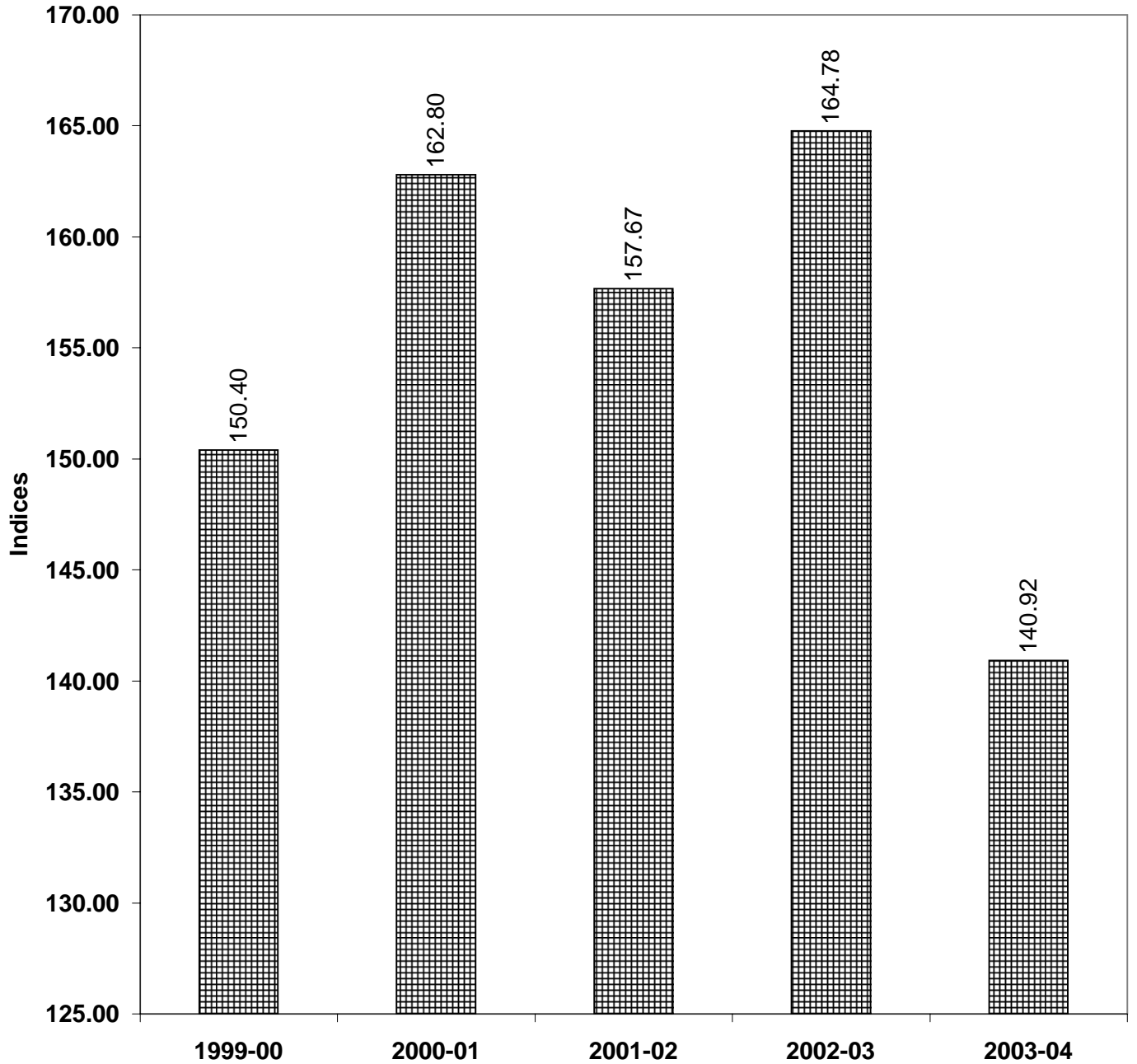
(iv) The Index is based on the physical volume of production and not on value of production.

Index of Industrial Production in Haryana Basic Goods Industries (Base Year 1993-94)



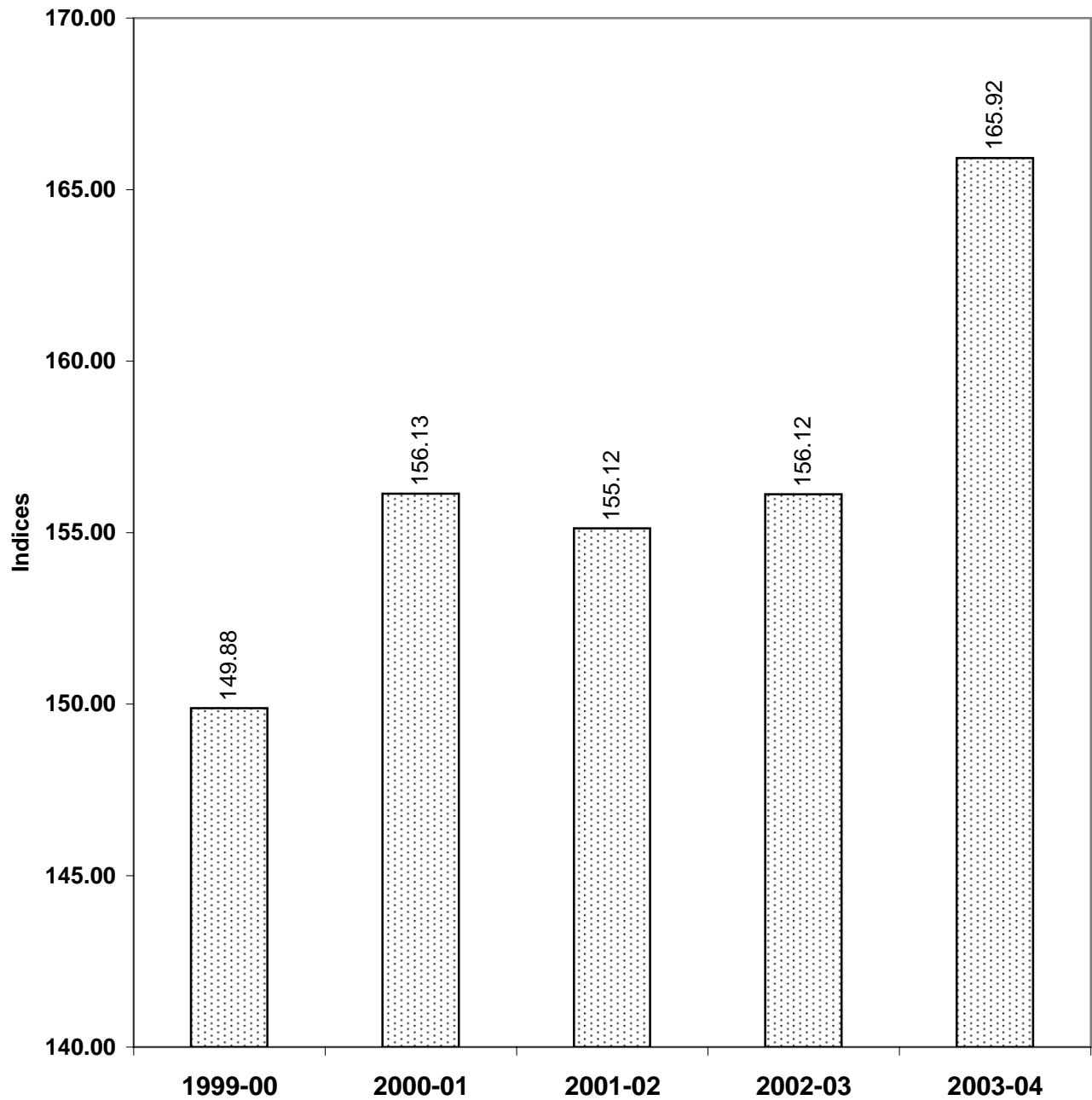
Basic Goods

Index of Industrial Production in Haryana Capital Goods Industries (Base Year 1993-94)



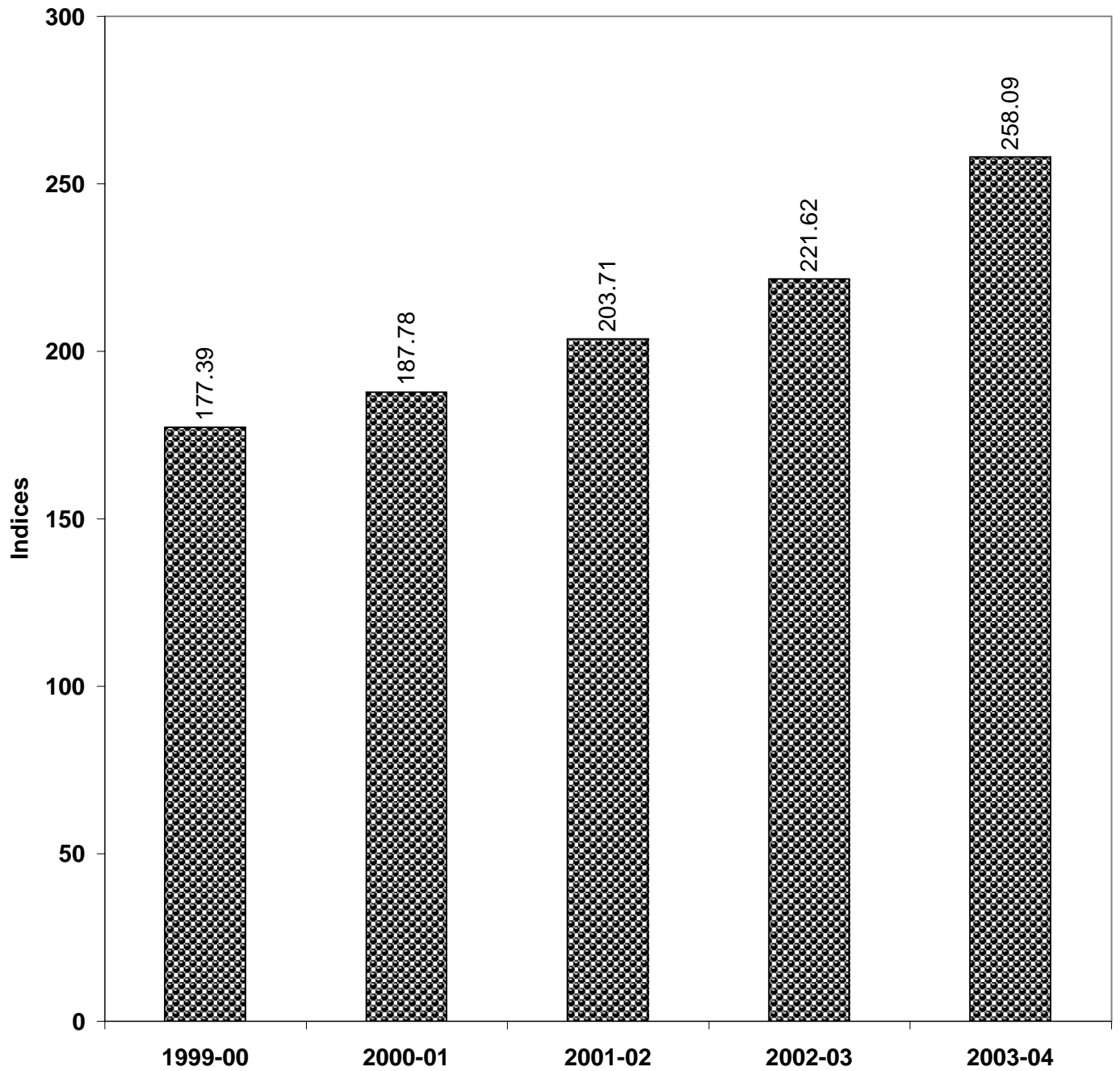
Capital Goods

Index of Industrial Production in Haryana Intermediate Goods Industries (Base Year 1993-94)



■ Intermediate Goods

**Index of Industrial Production in Haryana
Consumer Goods Industries
(Base Year 1993-94)**



 **Consumer Goods**

Index of Industrial Production in Haryana for each Class of Use-Based Industry (Base Year 1993-94)

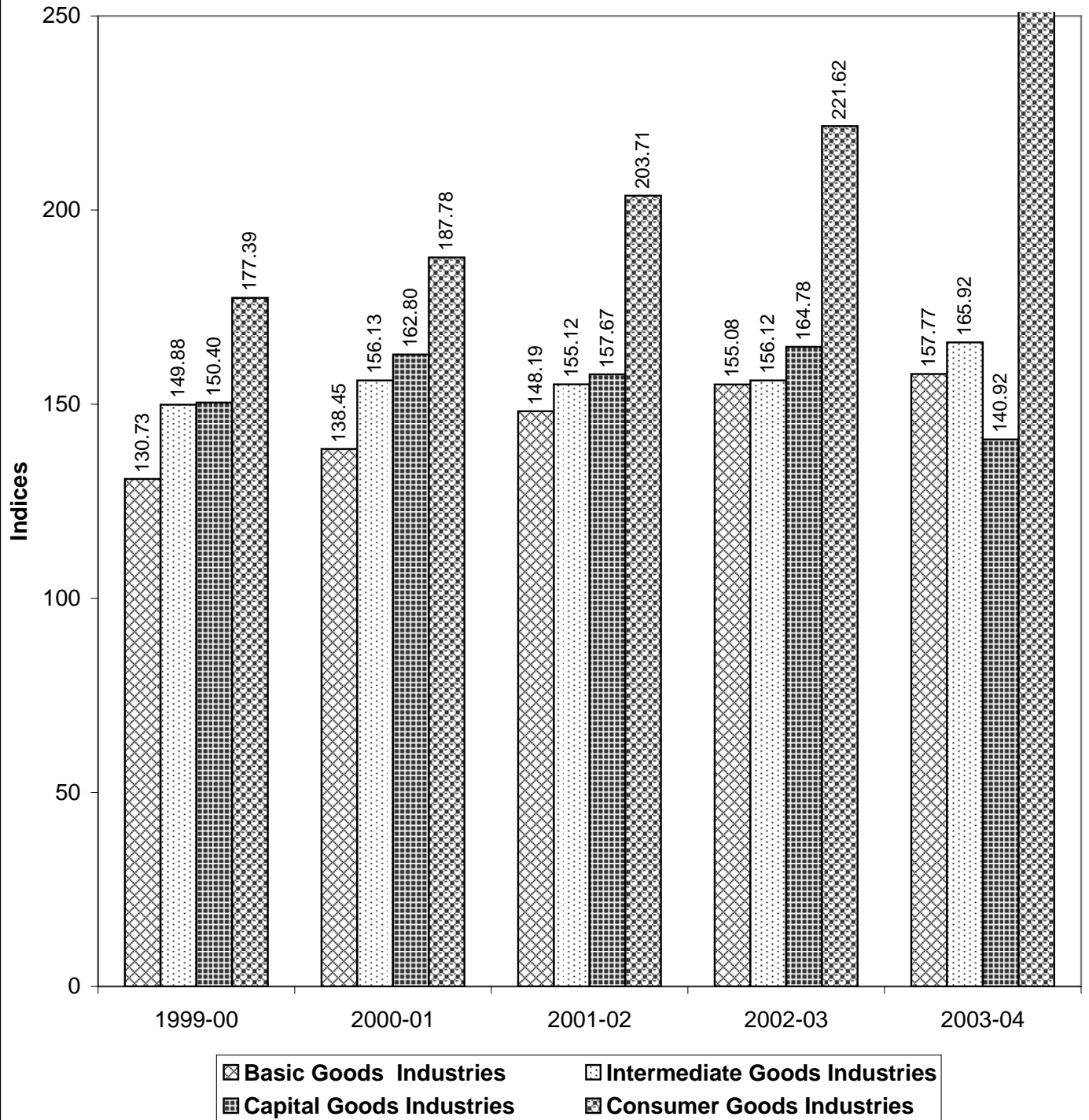


TABLE-3.1 (Contd)
Index of Industrial Production in Haryana
Use - Based Classification
(at Item Level)

Base year- 1993-94=100

NIC Code 1987	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
	General Index	1000.00	161.57 (6.85)	171.24 (5.99)	180.67 (5.51)	192.77 (6.70)	210.81 (9.36)
A,	Basic Goods Industries	172.97	130.73 (5.85)	138.45 (5.91)	148.19 (7.04)	155.08 (4.65)	157.77 (1.74)
300.2	Gases	0.88	90.80 (25.03)	96.55 (6.33)	178.69 (85.08)	156.89 (-12.20)	159.13 (1.43)
300.9	Formaldehyde	1.45	58.48 (-13.49)	66.51 (13.73)	67.53 (1.53)	61.26 (-9.28)	62.21 (1.55)
301.1 2&3	Fertilizer	38.54	151.72 (2.56)	165.69 (9.21)	162.24 (-2.08)	164.14 (1.17)	143.62 (-12.50)
301.4	Pesticide & Insecticide (Solid)	3.52	247.99 (32.98)	250.94 (1.19)	267.47 (6.59)	296.94 (11.02)	327.46 (10.28)
301.4	Pesticide & Insecticide (Liquid)	5.59	99.48 (-11.13)	78.33 (-21.26)	82.12 (4.84)	96.58 (17.61)	114.05 (18.09)
324.2	Cement	8.82	41.31 (-19.05)	37.01 (-10.41)	25.23 (-31.83)	24.86 (-1.47)	25.42 (2.26)
331.6	Steel sheets	6.33	99.63 (0.00)	106.54 (6.94)	96.62 (-9.31)	105.27 (8.95)	105.27 (0.00)
331.2	Narrow cold rolled steel strips	17.32	166.05 (10.03)	185.65 (11.80)	211.02 (13.67)	232.43 (10.14)	233.63 (0.52)
331.3	Stainless steel	9.36	112.94 (0.00)	141.57 (25.35)	161.96 (14.40)	158.82 (-1.94)	194.51 (22.47)
331.9	M.S. Pipes and tubes	27.58	119.42 (1.01)	114.06 (-4.49)	112.64 (-1.24)	112.70 (0.05)	107.97 (-4.20)
331.9	S.S. Ingots	1.53	114.84 (-11.48)	75.57 (-34.20)	89.07 (17.86)	94.41 (6.00)	123.94 (31.28)
330.1	Bar and rods	4.10	103.18 (-1.54)	100.15 (-2.94)	116.25 (16.08)	109.27 (-6.00)	117.19 (7.25)
330.1	Angle channels	3.12	205.29 (47.67)	205.29 (0.00)	171.03 (-16.69)	218.17 (27.56)	218.17 (0.00)
330.1	Billets and slabs	2.07	93.98 (15.00)	103.12 (9.73)	70.95 (-31.20)	76.28 (7.51)	121.50 (59.28)

TABLE-3.1 (Contd)
Index of Industrial Production in Haryana
Use - Based Classification
(at Item Level)

		Base year- 1993-94=100					
NIC Code 1987	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
330.1	Steel casting	1.30	210.00 (10.82)	206.80 (-1.52)	187.50 (-9.33)	134.20 (-28.43)	190.60 (42.03)
330.1	Steel wires	6.73	88.82 (-15.61)	87.58 (-1.40)	76.92 (-12.17)	83.00 (7.90)	85.60 (3.13)
334.1	Brass sheets and strips	5.95	95.80 (-1.19)	100.63 (5.04)	95.86 (-4.74)	99.61 (3.91)	99.40 (-0.21)
337.1	Ordinary casting	3.92	62.19 (-1.36)	58.57 (-5.82)	70.02 (19.55)	73.92 (5.57)	89.62 (21.24)
344	Forging and stamping	8.21	136.18 (-6.72)	130.63 (-4.08)	160.79 (23.09)	170.06 (5.76)	173.76 (2.17)
400.0	Electricity	16.65	162.97 (36.01)	194.22 (19.17)	263.80 (35.83)	284.49 (7.84)	312.54 (9.86)
B	Capital Goods Industries	148.75	150.40 (2.41)	162.80 (8.24)	157.67 (-3.15)	164.78 (4.51)	140.92 (-14.48)
343.1	Hand tools	2.22	82.00 (-47.19)	83.76 (2.15)	74.34 (-11.25)	97.12 (30.64)	108.25 (11.46)
343.3	Machine screw all types	5.14	107.13 (14.64)	115.63 (7.93)	121.20 (4.82)	118.68 (-2.08)	103.57 (-12.73)
350.1	Tractors	76.82	153.71 (3.42)	153.01 (-0.46)	132.87 (-13.16)	119.75 (-9.87)	43.25 (-63.88)
350.1	Tractor parts	3.31	62.88 (16.49)	64.62 (2.77)	68.71 (6.33)	96.12 (39.89)	155.26 (61.53)
351.7	Loaders	7.01	130.77 (16.44)	155.38 (18.82)	195.38 (25.74)	187.69 (-3.93)	287.69 (53.28)
353.9	Hydraulic press	0.58	60.49 (-18.33)	53.09 (-12.23)	48.15 (-9.30)	66.67 (38.46)	76.54 (14.80)
354.4	Printing machines	2.67	84.14 (-19.51)	93.85 (11.54)	78.64 (-16.21)	73.46 (6.57)	82.20 (11.90)
355.1	Air conditioning plants	0.87	118.92 (-20.00)	132.43 (11.36)	178.38 (34.70)	254.05 (42.42)	94.59 (-62.77)
356.1	Cranes	0.58	411.01 (15.76)	445.87 (8.48)	422.02 (-5.35)	527.52 (25.00)	814.68 (54.43)

TABLE-3.1 (Contd)
Index of Industrial Production in Haryana
Use - Based Classification
(at Item Level)

		Base year- 1993-94=100					
NIC Code 1987	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
356.2	Air gas compressors	1.29	152.58 (0.00)	152.58 (0.00)	163.54 (7.18)	168.45 (3.00)	237.60 (41.05)
356.2	Compressors	0.95	348.94 (41.90)	404.15 (15.82)	467.02 (15.56)	508.17 (8.81)	686.14 (35.02)
360.2	Transformers	1.32	223.53 (0.00)	247.06 (10.53)	258.82 (4.76)	258.82 (0.00)	388.24 (50.00)
360.3	Switch gear and control gears	5.97	133.45 (-1.72)	141.10 (5.73)	159.34 (12.93)	165.14 (3.64)	236.51 (43.22)
360.4	Electric motors phase 1&11	4.81	273.27 (5.28)	367.99 (34.66)	411.22 (11.75)	464.85 (13.04)	530.86 (14.20)
360.4	Electric pumps	1.05	219.64 (7.89)	164.29 (-25.20)	153.57 (-6.53)	158.93 (3.49)	230.36 (44.94)
361	P.V.C. insulated wires and cables	5.42	108.00 (28.57)	100.00 (-7.41)	136.00 (36.00)	160.00 (17.65)	176.00 (10.00)
368.2	Electrical capacitors	0.49	60.73 (-9.45)	57.26 (-5.71)	54.03 (-5.64)	54.36 (0.61)	45.18 (-16.89)
368.5	A.C.S.R. Conductors	1.53	149.37 (7.28)	157.37 (5.36)	(146.60) (-6.84)	189.03 (28.94)	.152.00 (-19.59)
374.8	Motor vehicle parts and accessories	26.72	153.29 (-4.31)	195.41 (27.48)	192.65 (-1.41)	(242.40) (25.82)	248.15 (2.37)
C	Intermediate Goods Industries	135.69	149.88 (5.67)	156.13 (4.17)	155.12 (-0.65)	156.12 (0.64)	165.92 (6.28)
230	Cotton ginned	6.73	80.49 (3.13)	85.37 (6.06)	41.46 (-51.43)	41.46 (0.00)	65.85 (58.83)
230	Cotton pressed (Kapas)	10.64	124.31 (4.68)	131.94 (6.14)	84.03 (-36.31)	81.25 (-3.31)	93.06 (14.53)
230	Cotton seeds	2.35	138.46 (-2.71)	150.00 (8.33)	173.08 (15.39)	211.54 (22.22)	192.31 (-9.09)
235.1	Cotton yarn	14.78	152.50 (5.17)	155.00 (1.64)	175.00 (12.90)	182.50 (4.28)	192.50 (5.48)
242.1	Shoddy / Woollen yarn	6.87	146.79 (18.73)	157.29 (7.15)	166.41 (5.80)	187.29 (12.55)	221.22 (18.12)

TABLE-3.1 (Contd)
Index of Industrial Production in Haryana
Use - Based Classification
(at Item Level)

		Base year- 1993-94=100					
NIC Code 1987	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
242.1	Carpet yarn	2.08	105.13 (3.25)	102.37 (-2.62)	111.36 (8.79)	105.18 (-5.55)	79.66 (-24.26)
247.2	Synthetic / Polyester yarn	29.29	153.76 (7.09)	162.97 (5.99)	167.98 (3.07)	170.56 (1.53)	172.52 (1.15)
303.3	Dyes and colours	0.66	245.61 (-32.46)	80.55 (-67.20)	72.92 (-9.47)	79.25 (8.68)	91.69 (15.70)
309.4	Blowing agents	1.56	194.74 (0.00)	187.20 (-3.87)	207.97 (11.10)	206.62 (-0.65)	199.37 (-3.51)
310.1	Tyres for motor vehicles	20.24	181.05 (9.38)	191.97 (6.03)	189.21 (-1.44)	173.03 (-8.55)	180.53 (4.33)
310.1	Tubes for motor vehicles	1.25	168.42 (6.79)	170.42 (1.19)	156.99 (-7.88)	145.19 (-7.52)	171.69 (18.25)
312.1	P.V.C. Pipes	2.07	54.26 (3.00)	50.20 (-7.48)	69.88 (39.20)	77.83 (11.38)	57.18 (-26.52)
312.2	Belting all types	3.12	155.81 (10.52)	155.81 (0.00)	236.39 (51.72)	260.09 (10.02)	248.17 (-4.58)
313.1	Thermocols	0.83	131.37 (-6.51)	131.37 (0.00)	200.98 (52.99)	221.24 (10.08)	325.82 (47.27)
313.1	Plastic sheets	17.41	127.99 (3.60)	134.54 (5.12)	122.27 (-9.12)	121.11 (-0.94)	135.02 (11.48)
320.1	Refractory bricks	1.71	106.60 (-19.86)	96.23 (-9.78)	239.62 (149.01)	244.34 (1.97)	254.72 (4.25)
320.4	Building bricks	1.80	313.36 (50.36)	294.69 (-5.96)	255.13 (13.42)	242.48 (-4.95)	254.51 (4.97)
320.5	Ceramic tiles	2.68	294.41 (-5.27)	330.44 (12.24)	355.49 (7.58)	356.69 (0.34)	356.69 (0.00)
327	Asbestos cement products	3.42	147.54 (3.45)	154.10 (4.45)	165.57 (7.44)	178.69 (7.92)	198.36 (11.00)
341.2	Gas cylinders	2.37	226.63 (-16.60)	247.28 (9.11)	173.91 (-29.67)	160.33 (-7.81)	219.84 (37.12)
341.3	Tin containers	3.83	80.56 (29.08)	83.14 (3.20)	54.79 (-34.10)	57.64 (5.20)	63.12 (9.51)

TABLE-3.1 (Contd)
Index of Industrial Production in Haryana
Use - Based Classification
(at Item Level)

		Base year- 1993-94=100					
NIC Code 1987	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
D	Consumer Goods Industries	542.59	177.39 (8.44)	187.78 (5.86)	203.71 (8.48)	221.62 (8.79)	258.09 (16.46)
(a)	Durable Goods Industries	253.50	218.89 (9.58)	228.67 (4.47)	251.02 (9.77)	271.91 (8.33)	330.65 (21.60)
343.3	Bolts & nuts	1.19	918.28 (67.43)	1067.28 (16.23)	1231.26 (15.36)	1238.94 (0.62)	1283.36 (3.58)
346.2	Aluminium utensils	5.00	11.76 (6.23)	12.15 (3.32)	9.82 (-19.18)	15.87 (61.61)	18.47 (16.38)
346.2	Steel utensils	4.25	86.50 (4.52)	97.31 (12.50)	122.19 (25.57)	124.66 (2.02)	129.47 (3.86)
346.2	Brass utensils	1.31	24.10 (9.50)	21.06 (-12.61)	11.76 (-44.16)	23.72 (101.70)	29.98 (26.39)
346.6	Gas stove and cooking ranges	0.55	96.32 (3.88)	45.64 (-52.62)	41.17 (-9.79)	43.41 (5.44)	47.82 (10.16)
355.3	Domestic refrigerators	23.56	129.17 (-3.43)	134.68 (4.27)	135.60 (0.69)	152.48 (12.45)	165.87 (8.78)
364.1	Electric Fans all types	5.88	142.13 (-1.07)	151.36 (6.49)	139.51 (-7.83)	143.22 (2.66)	150.81 (5.30)
364.9	Switches all types	0.59	300.46 (-23.44)	395.40 (31.60)	516.67 (30.67)	673.39 (30.33)	630.57 (-6.36)
374.1	Motor car (Maruti)	137.11	257.59 (22.22)	222.15 (-13.76)	226.58 (1.99)	227.85 (0.56)	299.37 (31.39)
367.1	Computers	1.20	348.20 (-5.15)	309.60 (-11.09)	554.60 (79.13)	509.1 (-8.20)	412.00 (-19.07)
375.1	Motor cycle all types	30.70	254.15 (0.69)	482.53 (89.86)	621.41 (28.78)	756.77 (21.78)	905.24 (19.62)
375.4	Helmets	0.45	57.09 (38.10)	70.87 (24.14)	109.84 (54.99)	103.94 (-5.37)	137.40 (32.19)
375.8	Auto parts and accessories for motor cycle, scooters & three wheelers	6.10	270.35 (-30.98)	366.78 (35.67)	369.85 (0.84)	376.73 (1.86)	392.03 (4.06)
376.1	Bicycles	11.28	97.00 (-6.58)	56.63 (-41.61)	70.83 (25.08)	69.33 (-2.12)	53.24 (-23.21)

TABLE-3.1 (Contd)
Index of Industrial Production in Haryana
Use - Based Classification
(at Item Level)

		Base year- 1993-94=100					
NIC Code 1987	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
376.8	Bicycle parts	13.03	135.20 (-41.68)	102.96 (-23.85)	89.42 (-13.15)	83.08 (-7.09)	86.10 (3.63)
380.1	Microscopes	0.76	73.33 (-21.43)	66.67 (-9.08)	66.67 (0.00)	73.33 (9.99)	100.00 (36.37)
380.6	Syringes all types	6.16	183.14 (9.64)	209.44 (14.36)	232.77 (11.14)	308.23 (32.42)	357.18 (15.88)
381.1	Lenses	0.23	162.73 (-13.53)	165.84 (1.91)	158.39 (-4.49)	161.49 (1.96)	195.03 (20.77)
381.1	Safety glass	0.71	404.55 (36.93)	445.45 (10.11)	427.27 (-4.08)	404.55 (-5.32)	240.91 (-40.45)
385.9	Sports Goods	3.44	74.07 (11.02)	83.27 (12.42)	98.49 (18.28)	112.42 (14.14)	121.83 (8.37)
(b)	Non-Durable Goods	289.09	141.00 (6.92)	151.93 (7.75)	162.23 (6.78)	177.52 (9.42)	194.47 (9.55)
201.1	Milk powder all kind	2.55	105.15 (7.42)	123.51 (17.46)	118.65 (-3.93)	140.87 (18.73)	134.62 (-4.43)
201.3	Desi ghee	4.23	269.62 (35.59)	206.70 (-23.34)	255.84 (23.77)	312.92 (23.31)	257.28 (-17.78)
201.4	Milk all kind	3.63	155.68 (-10.06)	185.98 (19.46)	193.82 (4.22)	235.16 (21.33)	258.74 (10.03)
204.1	Atta	4.51	162.22 (21.67)	177.78 (9.59)	184.44 (3.75)	186.67 (1.21)	188.89 (1.19)
204.2	Rice all kind	76.37	116.91 (2.79)	124.52 (6.51)	127.48 (2.38)	134.88 (5.81)	152.22 (12.85)
204.2	Bran all kind	3.36	94.12 (8.11)	107.06 (13.75)	120.00 (12.09)	178.82 (49.02)	202.35 (13.16)
204.3	Dal all kind	2.20	47.83 (-71.99)	34.78 (-27.28)	39.13 (12.51)	30.43 (-22.23)	21.74 (-28.56)
205.2	Biscuits	5.64	396.00 (23.75)	448.00 (13.13)	444.00 (-0.89)	396.00 (-10.81)	204.00 (-48.48)
206	Sugar	21.77	109.61 (7.36)	124.02 (13.15)	136.04 (9.69)	142.04 (4.41)	162.46 (14.37)

TABLE-3.1 (Contd)
Index of Industrial Production in Haryana
Use - Based Classification
(at Item Level)

		Base year- 1993-94=100					
NIC Code 1987	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
210	Vanaspati ghee	4.54	52.00 (-45.83)	60.00 (15.38)	88.00 (46.67)	96.00 (9.09)	128.00 (33.33)
211.2	Edible oil	21.72	142.22 (12.28)	151.11 (6.25)	164.44 (8.82)	175.56 (6.76)	226.67 (29.11)
211.8	Cake all kind	8.97	85.93 (7.55)	93.47 (8.77)	101.01 (8.07)	110.05 (8.96)	93.97 (-14.61)
217.1&2	Poultry & cattle feed	1.78	146.97 (-11.01)	98.48 (-32.99)	80.30 (-18.46)	118.18 (47.17)	81.82 (-30.76)
218	Starch all kind	0.88	113.33 (0.00)	93.33 (-17.65)	66.67 (-32.88)	40.00 (-40.00)	73.33 (83.32)
220	Spirits all kind	4.41	63.10 (7.97)	64.35 (1.98)	73.75 (14.61)	77.21 (4.69)	96.35 (24.79)
222	Beer	1.39	9.56 (44.19)	13.61 (42.36)	23.66 (73.84)	30.16 (27.47)	42.84 (42.04)
222.3	Malt	1.90	164.00 (-7.87)	174.00 (6.10)	170.00 (-2.30)	212.00 (24.70)	216.00 (1.89)
223	Country liquor	1.52	195.82 (6.19)	198.82 (1.53)	214.17 (7.72)	241.66 (12.83)	279.59 (15.69)
224	Soft drinks and syrups	1.08	138.05 (-5.55)	138.05 (0.00)	144.94 (4.99)	147.34 (1.65)	149.76 (1.64)
263.6	Woollen carpets	10.47	138.23 (7.15)	150.85 (9.13)	159.73 (5.89)	174.06 (8.97)	181.23 (4.12)
265	Ready made garments	35.40	189.20 (10.41)	210.42 (11.22)	235.91 (12.11)	282.19 (19.62)	339.75 (20.40)
280.2	Paper all kind	22.77	129.52 (2.25)	140.00 (8.09)	142.86 (2.04)	147.62 (3.33)	161.90 (9.67)
281.1 & 2	Corrugated box and card board boxes	2.12	161.85 (8.99)	173.29 (7.07)	286.48 (65.32)	313.22 (9.33)	261.91 (-16.36)
281.9	Cartons	1.76	350.89 (32.24)	319.43 (-8.97)	324.20 (1.49)	327.45 (1.00)	286.62 (-12.47)
285.3	Books	1.47	84.65 (-2.81)	90.48 (6.89)	21.42 (-76.33)	27.09 (26.47)	22.71 (-16.17)

TABLE-3.1 (Concl'd)
Index of Industrial Production in Haryana
Use - Based Classification
(at Item Level)

		Base year- 1993-94=100					
NIC Code 1987	Items	Weight	Index				
			1999-2000	2000-01	2001-02	2002-03	2003-04*
1	2	3	4	5	6	7	8
285.3	Periodicals & journals	1.39	192.94 (-3.19)	192.44 (-0.26)	196.75 (2.24)	198.27 (0.77)	193.36 (-2.47)
291.0	Leather shoes and chappals	8.09	144.44 (5.40)	155.56 (7.70)	170.37 (9.52)	181.48 (6.52)	192.59 (6.12)
304.2	Tablets	1.97	151.13 (-2.88)	152.53 (0.93)	160.06 (4.94)	143.64 (-10.26)	174.63 (21.57)
304.2	Capsules	1.69	269.73 (55.96)	288.63 (7.01)	248.20 (-14.01)	250.16 (0.79)	371.04 (48.32)
304.2	Syrups	0.66	349.67 (5.25)	276.91 (-20.81)	212.20 (-23.37)	345.32 (62.73)	455.77 (31.98)
305.1	Soaps	3.48	148.26 (17.20)	184.04 (24.13)	247.93 (34.72)	230.16 (-7.17)	307.08 (33.42)
305.7	Shampoos	0.65	157.80 (17.94)	224.00 (41.95)	224.00 (0.00)	211.00 (-5.80)	395.10 (87.25)
311.1 & 2	Rubber shoes & chappals	9.29	125.71 (2.32)	142.86 (13.64)	164.44 (15.11)	230.48 (40.16)	222.54 (-3.44)
321.1	Glass sheets	6.19	103.00 (11.42)	116.92 (13.51)	129.77 (10.99)	135.13 (4.13)	132.16 (-2.20)
321.3	Bottles & Jars	5.21	107.48 (11.97)	111.33 (3.58)	115.59 (3.83)	143.57 (24.21)	163.57 (13.93)
323.1	Crockery / kitchen ware	1.07	362.94 (-2.06)	407.94 (12.40)	323.53 (-20.69)	291.18 (-10.00)	291.47 (0.10)
323.2	Sanitary Ware	2.03	99.38 (0.44)	103.63 (4.28)	96.77 (-6.62)	89.57 (-7.44)	89.74 (0.19)
363.3	Flourescent tubes	0.93	437.42 (23.38)	547.09 (25.07)	589.73 (7.79)	607.41 (3.00)	598.58 (-1.45)

*Provisional

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

Annual Index of Industrial Production at Item Level

Group/ NIC Code	Description	Weight	1999-2000 2000-01 2001-02 2002-03 2003-04				
			1	2	3	4	5
20-21	Manufacture of Food Products	162.15	130.32	138.69	146.10	155.13	165.40
			(5.67)	(6.42)	(5.34)	(6.18)	(6.62)
201.1	Milk powder all kind	2.55	105.15	123.51	118.65	140.87	134.62
			(7.42)	(17.46)	(-3.93)	(18.73)	(5.56)
201.3	Desi ghee	4.23	269.62	206.70	255.84	312.92	257.28
			(35.59)	(-23.34)	(23.77)	(22.31)	(-17.58)
201.4	Milk all kind	3.63	155.68	185.98	193.82	235.16	258.74
			(-10.06)	(19.46)	(5.29)	(21.33)	(10.03)
204.1	Atta	4.51	162.22	177.78	184.44	186.67	188.89
			(21.67)	(9.59)	(3.75)	(1.21)	(1.19)
204.2	Rice all kind	76.37	116.91	124.52	127.48	134.88	152.22
			(2.79)	(8.51)	(2.38)	(5.74)	(12.85)
204.2	Bran all kind	3.36	94.12	107.06	120.00	178.82	202.35
			(8.11)	(13.75)	(12.09)	(49.02)	(13.16)
204.3	Dal all kind	2.20	47.83	34.78	39.13	30.43	21.74
			(-21.79)	(-27.28)	(12.51)	(-22.23)	(-28.56)
205.2	Biscuits	5.64	396.00	448.00	444.00	396.00	204.00
			(23.75)	(13.13)	(-0.89)	(-10.81)	(-48.48)
206	Sugar	21.77	109.61	124.02	136.04	142.04	162.46
			(7.36)	(13.15)	(9.69)	(4.41)	(14.37)
210	Vanaspati ghee	4.54	52.00	60.00	88.00	96.00	128.00
			(-45.83)	(15.38)	(46.67)	(9.09)	(33.33)
211.2	Edible oil	21.72	142.22	151.11	164.44	175.56	226.67
			(12.28)	(6.25)	(8.82)	(6.76)	(29.11)
211.8	Cake all kind	8.97	85.93	93.47	101.01	110.05	93.97
			(7.55)	(8.77)	(8.07)	(8.96)	(-14.61)
217.1&2	Poultry and cattle feed	1.78	146.97	98.48	80.30	118.18	81.82
			(-11.01)	(-32.99)	(-18.46)	(47.17)	(-30.76)
218	Starch all kind	0.88	113.33	93.33	66.67	40.00	73.33
			(0.00)	(-17.65)	(-32.88)	(-40.00)	(83.32)

22	Manufacture of Beverage, Tabacco and Related Products	10.30	101.93	105.3	112.93	127.35	143.84
			(0.63)	(3.31)	7.25	(12.77)	(12.95)
220	Spirits all kind	4.41	63.10	64.35	73.75	77.21	96.35
			(7.97)	(1.98)	(14.61)	(4.69)	(24.79)
222.1	Beer	1.39	9.56	13.61	23.66	30.16	42.84
			(44.19)	(42.36)	(73.84)	(27.47)	(42.04)
222.3	Malt	1.90	164.00	174.00	170.00	212.00	216.00
			(-7.87)	(6.10)	(-2.30)	(24.70)	(1.89)
223	Country liquor	1.52	195.82	198.82	214.17	241.66	279.59
			(6.19)	(1.53)	(7.72)	(12.83)	(15.69)
224	Soft drinks & syrups	1.08	138.05	138.05	144.94	147.34	149.76
			(-5.55)	(0.00)	(4.24)	(1.65)	(1.64)
23	Manufacture of Cotton Textiles	34.50	128.80	133.96	120.76	125.74	137.11
			(4.16)	(4.01)	(-9.85)	(4.12)	(9.04)
230	Cotton ginned	6.73	80.49	85.37	41.46	41.46	65.85
			(3.13)	(6.06)	(-51.43)	(0.00)	(58.83)
230	Cotton pressed (Kapas)	10.64	124.31	131.94	84.03	81.25	93.06
			(4.68)	(6.14)	(-36.31)	(-3.31)	(14.53)
230	Cotton seeds	2.35	138.46	150.00	173.08	211.54	192.31
			(-2.71)	(8.33)	(15.39)	(22.22)	(9.09)
235.1	Cotton yarn	14.78	152.50	155.00	175.00	182.50	192.50
			(5.17)	(1.64)	(12.90)	(4.28)	(5.48)
24	Manufacture of Wool, Silk and Man-made Fibre Textiles	38.24	149.86	158.65	164.62	170.01	176.22
			(8.81)	(5.87)	(3.76)	(3.27)	(3.65)
242.1	Shoddy / woollen yarn	6.87	146.79	157.29	166.41	187.29	221.22
			(18.73)	(7.15)	(5.80)	(12.55)	(18.12)
242.1	Carpet yarn	2.08	105.13	102.37	111.36	105.18	79.66
			(3.25)	(-2.63)	(8.78)	(-5.55)	(-24.26)
247.2	Synthetic / Polyester yarn	29.29	153.76	162.97	167.98	170.56	172.52
			(7.09)	(5.99)	(3.07)	(1.53)	(1.15)
26	Manufacture of Textile Products (including wearing apparel)	45.87	177.57	196.82	218.52	257.51	303.57
			(9.82)	(10.84)	(11.03)	(17.84)	(17.89)
263.6	Woollen carpet	10.47	138.23	150.85	159.73	174.06	181.23
			(7.15)	(9.13)	(5.89)	(8.97)	(4.12)
265	Readymade garments	35.40	189.20	210.42	235.91	282.19	339.75
			(10.41)	(11.22)	(12.11)	(19.62)	(20.40)

28	Manufacture of Paper and Paper Products and Printing, Publishing and Allied industries	29.51	145.80	153.10	160.48	166.62	171.08
			(5.68)	(5.01)	(4.82)	(3.83)	(2.68)
280.2	Paper all kind	22.77	129.52	140.00	142.86	147.62	161.90
			(2.25)	(8.09)	(2.04)	(3.33)	(9.67)
281.1, 2 & 3	Corrugated boxes and card-board boxes.	2.12	161.85	173.29	286.48	313.22	261.91
			(8.99)	(7.07)	(65.32)	(9.33)	(-16.38)
281.9	Carton	1.76	350.89	319.43	324.20	327.45	286.62
			(32.24)	(-8.97)	(1.49)	(1.00)	(-12.47)
285.3	Books	1.47	84.65	90.48	21.42	27.09	22.71
			(-2.81)	(6.89)	(-76.33)	(26.47)	(-16.17)
285.3	Periodicals and journals	1.39	192.94	192.44	196.75	198.27	193.36
			(-3.19)	(-0.26)	(2.24)	(0.77)	(-2.47)
29	Manufacture of Leather and Products of Leather, Fur and Substitutes of Leather	8.09	144.44	155.56	170.37	181.48	192.59
			(5.40)	(7.70)	(9.52)	(6.52)	(6.12)
291	Leather shoes and chapples	8.09	144.44	155.56	170.37	181.48	192.59
			(5.40)	(7.70)	(9.52)	(6.52)	(6.12)
30	Manufacture of Basic Chemicals and Chemical Products except Products of Petroleum and Coal	60.65	156.80	164.72	167.59	171.22	173.53
			(5.26)	(5.05)	(1.74)	(2.17)	(1.35)
300.2	Gases	0.88	90.80	96.55	178.69	156.89	159.13
			(25.03)	(6.33)	(85.08)	(-12.20)	(1.43)
300.9	Formaldehyde	1.45	58.48	66.51	67.53	61.26	62.21
			(-13.49)	(13.73)	(1.53)	(-9.28)	(1.55)
301.1, 2 & 3	Fertilizers	38.54	151.72	165.69	162.24	164.14	143.62
			(2.56)	(9.21)	(-2.08)	(1.17)	(-12.50)
301.4	Pesticides and insecticides (Solid)	3.52	247.99	250.94	267.47	296.94	327.46
			(32.98)	(1.19)	(6.59)	(11.02)	(10.28)
301.4	Pesticides and insecticides (Liquid)	5.59	99.48	78.33	82.12	96.58	114.05
			(-11.13)	(-21.26)	(4.84)	(17.61)	(18.09)
303.3	Dyes and colours	0.66	245.61	80.55	72.92	79.25	91.69
			(-32.46)	(-67.20)	(-9.47)	(8.68)	(15.70)
304.2	Tablets	1.97	151.13	152.53	160.06	143.64	174.63
			(-2.88)	(0.93)	(4.94)	(-10.26)	(21.57)
304.2	Capsules	1.69	269.73	288.63	248.20	250.16	371.04
			(55.96)	(7.01)	(-14.01)	(0.79)	(48.32)

304.2	Syrups	0.66	349.67 (5.25)	276.91 (-20.81)	212.20 (-23.37)	345.32 (62.73)	455.77 (31.98)
305.1	Soaps	3.48	148.26 (17.20)	184.04 (24.13)	247.93 (34.72)	230.16 (-7.17)	307.08 (33.42)
305.7	Shampoos.	0.65	157.80 (17.94)	224.00 (41.95)	224.00 (0.00)	211.00 (-5.80)	395.10 (87.25)
309.4	Blowing agents	1.56	194.74 (0.00)	187.20 (-3.87)	207.97 (11.10)	206.62 (-0.65)	199.37 (-3.51)
31	Manufacture of Rubber, Plastic, Petroleum and Coal Products, Processing of Nuclear Fuels	54.21	147.18 (6.31)	156.19 (6.12)	161.06 (3.12)	167.67 (4.10)	174.32 (3.97)
310.1	Tyres for motor vehicles	20.24	181.05 (9.38)	191.97 (6.03)	189.21 (-1.44)	173.03 (-8.55)	180.53 (4.33)
310.1	Tubes for motor vehicles	1.25	168.42 (6.79)	170.42 (1.19)	156.99 (-7.88)	145.19 (-7.52)	171.69 (18.25)
311.1, 2 & 3	Rubber shoes and chappals	9.29	125.71 (2.32)	142.86 (13.64)	164.44 (15.11)	230.48 (40.11)	222.54 (-3.44)
312.1	PVC Pipes	2.07	54.26 (3.00)	50.20 (-7.48)	69.88 (39.20)	77.83 (11.38)	57.18 (-26.52)
312.2	Belting all types	3.12	155.81 (10.52)	155.81 (-0.00)	236.39 (51.72)	260.09 (10.02)	248.17 (-4.58)
313.1	Thermocols	0.83	131.37 (-6.51)	131.37 (0.00)	200.98 (52.99)	221.24 (10.08)	325.82 (47.27)
313.1	Plastic sheets	17.41	127.99 (3.60)	134.54 (5.12)	122.27 (-9.12)	121.11 (-0.94)	135.02 (11.48)
32	Manufacture of Non-Metallic Mineral Products	32.93	127.30 (3.68)	133.15 (4.60)	138.43 (3.97)	143.29 (3.51)	149.30 (4.19)
320.1	Refractory bricks	1.71	106.60 (-19.86)	96.23 (-9.73)	239.62 (149.01)	244.34 (1.97)	254.72 (4.25)
320.4	Building bricks	1.80	313.36 (50.36)	294.69 (-5.96)	255.13 (-13.42)	242.48 (-4.96)	254.51 (4.96)
320.5	Ceramic tiles	2.68	294.41 (-5.27)	330.44 (12.24)	355.49 (7.58)	356.69 (0.34)	356.69 (0.00)
321.1	Glass sheets	6.19	103.00 (11.42)	116.92 (13.51)	129.77 (10.99)	135.13 (4.13)	132.16 (-2.20)
321.3	Bottles and jars	5.21	107.48 (11.97)	111.33 (3.58)	115.59 (3.83)	143.57 (24.21)	163.57 (13.93)

323.1	Crockery / kitchen-ware	1.07	362.94 (-2.06)	407.94 (12.40)	323.53 (-20.69)	291.18 (-10.00)	291.47 (0.10)
323.2	Sanitary ware	2.03	99.38 (0.44)	103.63 (4.28)	96.77 (-6.62)	89.57 (-7.44)	89.74 (0.19)
324.2	Cement	8.82	41.31 (-19.05)	37.01 (-10.41)	25.23 (-31.83)	24.86 (-1.47)	25.42 (2.25)
327	Asbestos cement products	3.42	147.54 (3.45)	154.10 (4.45)	165.57 (7.44)	178.69 (7.92)	198.36 (11.00)
33	Basic Metal and Alloy Industries	89.31	122.89 (3.82)	127.95 (4.12)	132.00 (3.17)	138.10 (4.62)	144.22 (4.43)
330.1	Bar and rods	4.10	103.18 (-1.54)	100.15 (-2.94)	116.25 (16.08)	109.27 (-6.00)	117.19 (7.25)
330.1	Angle channels	3.12	205.29 (47.67)	205.29 (0.00)	171.03 (-16.69)	218.17 (27.56)	218.17 (0.00)
330.1	Billets and slabs	2.07	93.98 (15.00)	103.12 (9.73)	70.95 (-31.20)	76.28 (7.51)	121.50 (59.28)
330.1	Steel casting	1.30	210.00 (10.82)	206.80 (-1.52)	187.50 (-9.33)	134.20 (-28.43)	190.60 (42.03)
330.1	Steel wire	6.73	88.82 (-15.61)	87.58 (-1.40)	76.92 (-12.17)	83.00 (7.90)	85.60 (3.13)
331.2	Narrow cold-rolled steel strips	17.32	166.05 (10.03)	185.65 (11.80)	211.02 (13.67)	232.43 (10.14)	233.63 (0.52)
331.3	Stainless steel	9.36	112.94 (0.00)	141.57 (25.35)	161.96 (14.40)	158.82 (-1.94)	194.51 (22.47)
331.6	Steel sheets	6.33	99.63 (0.00)	106.54 (6.94)	96.62 (-9.31)	105.27 (8.95)	105.27 (0.00)
331.9	M.S. Pipes and tubes	27.58	119.42 (1.01)	114.06 (-4.49)	112.64 (-1.24)	112.70 (0.05)	107.97 (-4.20)
331.9	S.S.Ingot	1.53	114.84 (-11.48)	75.57 (-34.20)	89.07 (17.86)	94.41 (5.99)	123.94 (31.28)
334.1	Brass sheet and strips	5.95	95.80 (-1.19)	100.63 (5.04)	95.86 (-4.74)	99.61 (3.91)	99.40 (-0.21)
337.1	Ordinary casting	3.92	62.19 (-1.36)	58.57 (-5.82)	70.02 (19.55)	73.92 (5.57)	89.62 (21.24)
34	Manufacture of Metal Products and Parts except Machinery and Equipments	34.07	126.21 (6.27)	133.68 (5.92)	140.94 (5.43)	145.61 (3.31)	152.55 (4.77)

341.2	Gas cylinders	2.37	226.63 (-16.60)	247.28 (9.11)	173.91 (-29.67)	160.33 (-7.81)	219.84 (37.12)
341.3	Tin containers	3.83	80.56 (29.08)	83.14 (3.20)	54.79 (-34.10)	57.64 (5.20)	63.12 (9.51)
343.1	Hand tools	2.22	82.00 (-47.19)	83.76 (2.15)	74.34 (-11.25)	97.12 (30.64)	108.25 (11.46)
343.3	Bolts and nuts	1.19	918.28 (67.43)	1067.28 (16.23)	1231.26 (15.36)	1238.94 (0.62)	1283.36 (3.58)
343.3	Machine screw all types	5.14	107.13 (14.64)	115.63 (7.93)	121.20 (4.82)	118.68 (-2.08)	103.57 (-12.73)
344.1	Forging & stamping	8.21	136.18 (-6.72)	130.63 (4.08)	160.79 (23.09)	170.06 (5.76)	173.76 (2.17)
346.2	Aluminium utensils	5.00	11.76 (6.23)	12.15 (3.32)	9.82 (-19.18)	15.87 (61.61)	18.47 (16.38)
346.2	Steel utensils	4.25	86.50 (4.52)	97.31 (12.50)	122.19 (25.57)	124.66 (2.02)	129.47 (3.86)
346.2	Brass utensils	1.31	24.10 (9.50)	21.06 (-12.61)	11.76 (-44.16)	23.72 (101.70)	29.98 (26.39)
346.2	Gas stove and cooking ranges	0.55	96.32 (3.88)	45.64 (-52.62)	41.17 (-9.79)	43.41 (5.44)	47.82 (10.16)
35-36	Manufacture of Machinery and Equipment other than Transport Equipment (Manufacture of Scientific Equipment, Photographic / Cinematographic equipment, Watches and Clocks is classified in Div.38)	146.83	152.72 (3.15)	159.31 (4.32)	156.99 (-1.46)	158.12 (0.72)	134.69 (-14.82)
350.1	Tractors	76.82	153.71 (3.42)	153.01 (-0.46)	132.87 (-13.16)	119.75 (-9.87)	43.25 (-63.88)
350.1	Tractor parts	3.31	62.88 (16.49)	64.62 (2.77)	68.71 (6.33)	96.12 (39.89)	155.26 (61.53)
351.7	Loaders	7.01	130.77 (16.44)	155.38 (18.82)	195.38 (25.74)	187.69 (-3.93)	287.69 (53.28)
353.9	Hydraulic press	0.58	60.49 (-18.33)	53.09 (-12.23)	48.15 (-9.30)	66.67 (38.46)	76.54 (14.80)
354.4	Printing machine	2.67	84.14 (-19.51)	93.85 (11.54)	78.64 (-16.21)	73.46 (-6.57)	82.20 (11.90)
355.1	Air-conditioning plants	0.87	118.92 (-20.00)	132.43 (11.36)	178.38 (34.70)	254.05 (42.42)	94.59 (-62.77)

355.3	Domestic refrigerators	23.56	129.17 (-3.43)	134.68 (4.27)	135.60 (0.68)	152.48 (12.45)	165.87 (8.78)
356.1	Cranes	0.58	411.01 (15.76)	445.87 (8.48)	422.02 (-5.35)	527.52 (25.00)	814.68 (54.43)
356.2	Air gas compressors	1.29	152.58 (0.00)	152.58 (0.00)	163.54 (7.18)	168.45 (3.00)	237.60 (41.05)
356.2	Compressors	0.95	348.94 (41.90)	404.15 (15.82)	467.02 (15.56)	508.17 (8.81)	686.14 (35.02)
360.2	Transformers	1.32	223.53 (0.00)	247.06 (10.53)	258.82 (4.76)	258.82 (0.00)	388.24 (50.00)
360.3	Switch gears and control gears	5.97	133.45 (-1.72)	141.10 (5.73)	159.34 (12.93)	165.14 (3.64)	236.51 (43.22)
360.4	Electric motors phase-I & II	4.81	273.27 (5.28)	367.99 (34.66)	411.22 (11.75)	464.85 (13.04)	530.86 (14.20)
360.4	Electric pumps	1.05	219.64 (7.89)	164.29 (-25.20)	153.57 (-6.53)	158.93 (3.49)	230.36 (44.94)
361	PVC Insultated wires and cables	5.42	108.00 (28.57)	100.00 (-7.41)	136.00 (36.00)	160.00 (17.65)	176.00 (10.00)
363.3	Flourescent-tubes	0.93	437.42 (23.38)	547.09 (25.07)	589.73 (7.79)	607.41 (3.00)	598.58 (-1.45)
364.1	Electric fans all types	5.88	142.13 (-1.07)	151.36 (6.49)	139.51 (-7.83)	143.22 (2.66)	150.81 (5.30)
364.9	Switches all types	0.59	300.46 (-23.44)	395.40 (31.60)	516.67 (30.67)	673.39 (30.33)	630.57 (-6.36)
367.1	Computers	1.20	348.20 (-5.15)	309.60 (-11.09)	554.60 (79.13)	509.10 (-8.20)	412.00 (-19.07)
368.2	Electrical capacitor	0.49	60.73 (-9.45)	57.26 (-5.71)	54.03 (-5.64)	54.36 (0.61)	45.18 (-16.89)
368.5	A.C.S.R. conductor	1.53	149.37 (7.28)	157.37 (5.36)	146.60 (-6.84)	189.03 (28.94)	152.00 (-19.59)
37	Manufacture of Transport Equipment and Parts	225.39	229.59 (8.88)	242.88 (5.79)	264.26 (8.80)	289.10 (9.40)	353.36 (22.23)
374.1	Motor car (Maruti)	137.11	257.59 (22.22)	222.15 (13.76)	226.58 (1.99)	227.85 (0.56)	299.37 (31.39)
374.8	Motor vehicle parts and accessories	26.72	153.29 (-4.31)	195.41 (27.48)	192.65 (-1.41)	242.40 (25.82)	248.15 (2.37)

375.1	Motor cycle all types	30.70	254.15 (0.69)	482.53 (89.86)	621.40 (28.78)	756.77 (21.78)	905.24 (19.62)
375.4	Helmets	0.45	57.09 (38.10)	70.87 (24.14)	109.84 (54.99)	103.94 (-5.37)	137.40 (32.19)
375.8	Manufacture of auto parts & accessories for motor cycle, scooters & three wheelers	6.10	270.35 (-30.98)	366.78 (35.67)	369.85 (0.84)	376.73 (1.86)	392.03 (4.06)
376.1	Bycycles	11.28	97.00 (-6.58)	56.63 (-41.62)	70.83 (25.08)	69.33 (-2.12)	53.24 (-23.21)
376.8	Bycycle parts	13.03	135.20 (-41.68)	102.96 (-23.85)	89.42 (-13.15)	83.08 (-7.09)	86.10 (3.63)
38	Other Manufacturing Industries	11.30	156.05 (11.43)	175.37 (12.38)	191.43 (9.16)	235.89 (23.23)	257.63 (9.22)
380.1	Microscopes	0.76	73.33 (-21.43)	66.67 (-9.08)	66.67 (0.00)	73.33 (9.99)	100.00 (36.37)
380.6	Syringes all types	6.16	183.14 (9.64)	209.44 (14.36)	232.77 (11.14)	308.23 (32.42)	357.18 (15.88)
380.1	Lenses	0.23	162.73 (-13.53)	165.84 (1.91)	158.39 (-4.49)	161.49 (1.96)	195.03 (20.77)
381.1	Safety glass	0.71	404.55 (36.93)	445.45 (10.11)	427.27 (-1.08)	404.55 (-5.32)	240.91 (-40.45)
385.1	Sports goods	3.44	74.07 (11.02)	83.27 (12.42)	98.49 (18.28)	112.42 (14.14)	121.83 (8.37)
40	Electricity	16.65	162.97 (36.01)	194.22 (19.13)	263.80 (35.83)	284.49 (7.84)	312.54 (9.86)

Classification of States for ASI Survey.

CENSUS SECTOR STATES			BOTH CENSUS AND SAMPLE SECTOR STATES		
(Category-I)			(Category-II)		
Sr.No.	State	Code	Sr.No.	State	Code
1.	Goa	06	1	Andhra Pradesh	02
2.	Himachal Pradesh	09	2	Assam	04
3.	Jammu and kashmir	10	3	Bihar	05
4.	Manipur	15	4	Gujarat	07
5.	Meghalaya	16	5	Haryana	08
6.	Nagaland	18	6	Karnataka	11
7.	Triprra	24	7	Kerala	12
8.	A & N Island	27	8	Madhya Pradesh	13
9.	Chandigarh	28	9	Maharashtra	14
10.	Dadra & Nagar Haveli	29	10	Orissa	19
11.	Daman & Diu	30	11	Punjab	20
12.	Pondichery	33	12	Rajasthan	21
			13	Tamil Nadu	23
			14	Uttar Pradesh	25
			15	West Bengal	26
			16	Delhi	31