



**GOVERNMENT OF HARYANA**

**INDEX**  
**OF**  
**INDUSTRIAL PRODUCTION**  
**IN**  
**HARYANA**

**1999-2000 to 2007-08**

**(BASE YEAR 1999-2000)**

Issued by

**DEPARTMENT OF ECONOMIC AND STATISTICAL  
ANALYSIS, HARYANA  
2009**

Publication No. 928



**GOVERNMENT OF HARYANA**

**INDEX**  
**OF**  
**INDUSTRIAL PRODUCTION**  
**IN**  
**HARYANA**

**1999-2000 to 2007-08**

**(BASE YEAR 1999-2000)**

**Issued by**

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

**2009**

## FOREWORD

Index of Industrial Production is the short-term micro economic indicator widely used in measuring the industrial growth of the Haryana State. The index indicates the relative change over time in the volume of production in industrial sector and it is an effective tool to measure the trend of current industrial production.

The Department of Economic and Statistical Analysis has been compiling index of industrial production (IIP) for Haryana state as per the guidelines of the Central Statistical Organisation, Govt. of India. Production data of selected items is collected directly from the selected factories. The index relates to mining, manufacturing and electricity sectors with an analysis of use-based classification of index numbers from the year 1999-2000 to 2007-08 with 1999-2000 as base year.

This publication shown the trend of the industrial sector by index at major industrial group level of NIC-1998. It also reflects the position of industrial sector at item level. Indices of Industrial Production help the planners and industrialists to analysis the industrial sector at item level to take decision.

I hope this publication would prove very useful to all the Govt. Departments, planners, industrialists, researchers etc. interested in the field of industrial development. This report is placed on the Department website also which can be accessed at [www.esaharyana.gov.in](http://www.esaharyana.gov.in).

I appreciate the efforts made by Director, Department of Economic & Statistical Analysis, Haryana and his staff for bringing out this report in time.

Chandigarh  
Date the 6<sup>th</sup> July, 2009

Ajit M. Saran  
Financial Commissioner & Principal  
Secretary to Govt. Haryana,  
Planning Department.

## PREFACE

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

The Department of Economic and Statistical Analysis, Haryana has been compiling the Index of Industrial Production (IIP) for Haryana State under the guidance of the Central Statistical Organisation, Govt. of India since 1971-72 and publish the report periodically. The present report containing informations relating to IIP from the year 1999-2000 to 2007-08 is the first issue of the series with base year 1999-2000. The Index of Industrial Production of Haryana State relates to Mining & Quarrying, Manufacturing and Electricity Sectors with an analysis of Use-Based Classification of the Index Numbers.

This report provides an useful information for planners, industrialists and researchers etc. interested in the industrial development of the State. The report is also available on Deptts. web site [www.esaharyana.gov.in](http://www.esaharyana.gov.in).

I take this opportunity to thank the Central Statistical Organisation, Government of India for providing valuable guidance. Efforts made by the District Statistical Officers for timely collection of production data from the industrial units is thankfully acknowledged. The cooperation extended by various industrial units for providing required production data for computation of IIP is also highly appreciated and acknowledged.

This report has been prepared by Sh. I.S.Mann, Research Officer with the help of Smt. Veena Sharma, Assistant Research Officer, Sh. Manjeet Singh, Statistical Assistant and Smt. Krishna Sharma, Steno typist under the guidance of Sh. R.N. Dalal, Joint Director and over all supervision of Sh. S.C.L. Datta, Addl. Director. Efforts have been made to improve the quality of the report. Suggestions for further improvement are most welcome.

Chandigarh  
Dated the 6<sup>th</sup> July, 2009

R.K. BISHNOI  
Director, Department of Economic and Statistical  
Analysis, Haryana.

## **EXECUTIVE SUMMARY**

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

The Department of Economic & Statistical Analysis, Haryana has been compiling the Index of Industrial Production for the State, in accordance with the guidelines of the Central Statistical Organisation, Govt of India. In the Ist part of the report detail methodology for selection of items basket, weighting diagram source of data and computation of index number has been given. 103 items have been selected from registered manufacturing sector which covers 79.30 percent of total gross value of output of registered manufacturing sector for the year 1999-2000. Mining & Quarrying and electricity have been taken as single item. The total weight of industrial sector has been taken as 1000 which has been distributed to mining & quarrying, registered manufacturing & electricity sectors as per their Gross Value Added(GVA) figures. The weights of registered manufacturing sector have further been distributed at 2/3/4 digit as well as item level as per criteria suggested by CSO. Production data of selected items is collected directly from the selected factories in the State.

Index of Industrial Production presently being prepared in the State with 1999-2000 as base year covers Manufacturing, Electricity and Mining & Quarrying sectors. Index number have been calculated at sector level, group level (2 digit) and item level. The same has been presented in the report accordingly. Review of index numbers for the year 2007-08 has also been given in the report.

The report point out that Impressive performance by Manufacturing Sector has pushed up the General Index of Industrial Production with 1999-2000 as base year to 198.52 in 2007-08 from 182.01 in 2006-07 registering an increase of 9.07 percent. The Index of Manufacturing Sector which carries the highest weight in IIP rose from 179.15 in 2006-07 to 196.36 in 2007-08, exhibiting a growth of 9.61 percent. The Index of Electricity Sector indicated a growth of 3.45 percent as it rose from 262.63 in 2006-07 to 271.70 in 2007-08. Like wise the index of Mining & Quarrying Sector increased from 81.65 in 2006-07 to 86.07 in 2007-08 registering a growth of 5.40 percent

In the last part of the report use-based classification which represents the changing pattern of customers needs, based on taste and habits towards the purchase of industrial product has been given. Review of the used based classification for the year 2007-08 has also been given therein.

The report elaborates that the Index of Basic Goods Industries like fertilizers, insecticides, pesticides, various items of iron, steel & stainless steel, mining & quarrying and electricity etc. increased from 159.42 in 2006-07 to 171.22 in 2007-08 recording an increase of 7.40 percent.

The Index of Capital Goods Industries like tractors, motors cars, cranes, compressors, dump loaders, refrigerators, A.C. motors and insulated cables etc. increased from 147.06 in 2006-07 to 161.41 in 2007-08 showing an increase of 9.76 percent.

The Index of Intermediate Goods Industries like yarn, dyes and colours, glass bottles, fibre glass sheet/board, gas cylinders, motor vehicle parts & accessories and parts & accessories of motor cycles, scooters and three wheelers etc. increased from 200.29 in 2006-07 to 222.64 in 2007-08 recording an increase of 11.16 percent.

The Index of Consumer Goods Industries increased from 209.19 in 2006-07 to 226.41 in 2007-08 showing an increase of 8.23 percent. The Index of Consumer Durable Goods Industries like tyres/tubes, radio telephone system, motor cycles, bicycles and utensils all type etc. increased from 297.77 in 2006-07 to 317.84 in 2007-08 indicating an increase of 6.74 percent over the previous year. The Index of Consumer Non-Durable Goods Industries like milk, milk powder, desi ghee, rice, sugar, edible oil, leather shoes, readymade garments and papers etc. increased from 162.98 in 2006-07 to 178.71 in 2007-08 exhibiting an increase of 9.65 percent over the previous year.

## CONTENTS

Sr. No.	Description	Page No.
<b>1</b>	<b>2</b>	<b>3</b>
	<b>Methodology of Index of Industrial Production in Haryana</b>	
<b>1</b>	<b>Introduction</b>	3-4
<b>2</b>	<b>Methodology</b>	5-7
	(i) Scope and Coverage	5
	(ii) Base Year	5
	(iii) Selection of Item Basket	5
	(iv) Weighting Diagram	6
	(v) Source of Data	7
	(vii) Computation of Index Number	7
<b>3</b>	<b>Tables relating to Selection of Items and Distribution of Weights</b>	
	1.1 : Selected Items with Gross Value of Output of Registered Manufacturing Sector for the year 1999-2000	9-13
	1.2 : Distribution of Weights at Sector Level	14
	1.3 : Distribution of Weights of Registered Manufacturing Sector at two digit level for the year 1999 - 2000	15
	1.4 : Distribution of weights at 3 and 4 digit level of NIC-1998 for the year 1999-2000 of Registered Manufacturing Sector	16-19
	1.5 : Distribution of Weights at Item level of Registered Manufacturing Sector for the year 1999-2000	20-24
<b>4</b>	<b>Review of Index of Industrial Production in Haryana 2007-08</b>	27-31
<b>5</b>	<b>Tables and Graphs relating to Index of Industrial Production</b>	
	<b>Tables</b>	
	2.1 : Annual Index of Industrial Production in Haryana at Sector Level	33

2.2 : Annual Index of Industrial Production in Haryana at Group Level	34-35
2.3 : Annual Index of Industrial Production in Haryana at Item level	49-56
<b>Graphic Presentation</b>	
G-2.1 Annual Index of Industrial Production in Haryana at Sector Level	37
G-2.2 Annual Index of Industrial Production in Haryana for Manufacturing Sector 2007-08 ( 2-digit Level)	39
G-2.3 Annual Index of Industrial Production in Haryana for Manufacturing Sector	41
G-2.4 Annual Index of Industrial Production in Haryana for Electricity Sector	43
G-2.5 Annual Index of Industrial Production in Haryana for Mining & Quarrying Sector	45
G-2.6 General Index of Industrial Production in Haryana	47
<b>6 Index of Industrial Production in Haryana according to Use-Based Classification</b>	59-65
<b>7 Tables and Graphs relating to Index of Industrial Production according to Use-Based Classification Tables</b>	
3.1 : Use-based classification of Index of Industrial Production in Haryana at item level	77-83
<b>Graphic</b>	
G-3.1 Weights of Industries at use Based Classification (1999-2000)	61
G-3.2 Annual Index of Industrial Production in Haryana - Basic Goods Industries	67
G-3.3 Annual Index of Industrial Production in Haryana - Capital Goods Industries	69
G-3.4 Annual Index of Industrial Production in Haryana - Intermediate Goods Industries	71
G-3.5 Annual Index of Industrial Production in Haryana - Consumer Goods Industries	73
G-3.6 Annual Index of Industrial Production in Haryana for each class of use-based Industries	75



**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 (CSO) prepares all India Index of Industrial Production. The Department of Economic and Statistical Analysis, Haryana is preparing Annual Index of Industrial Production (IIP) of Haryana since the year 1971-72. Due to liberal industrial policy and close proximity of the State to National Capital, the investment in the industrial sector is growing rapidly. There is need to continuously measure the growth of industrial sector with a view to assess and plan the industrial development schemes in the State.

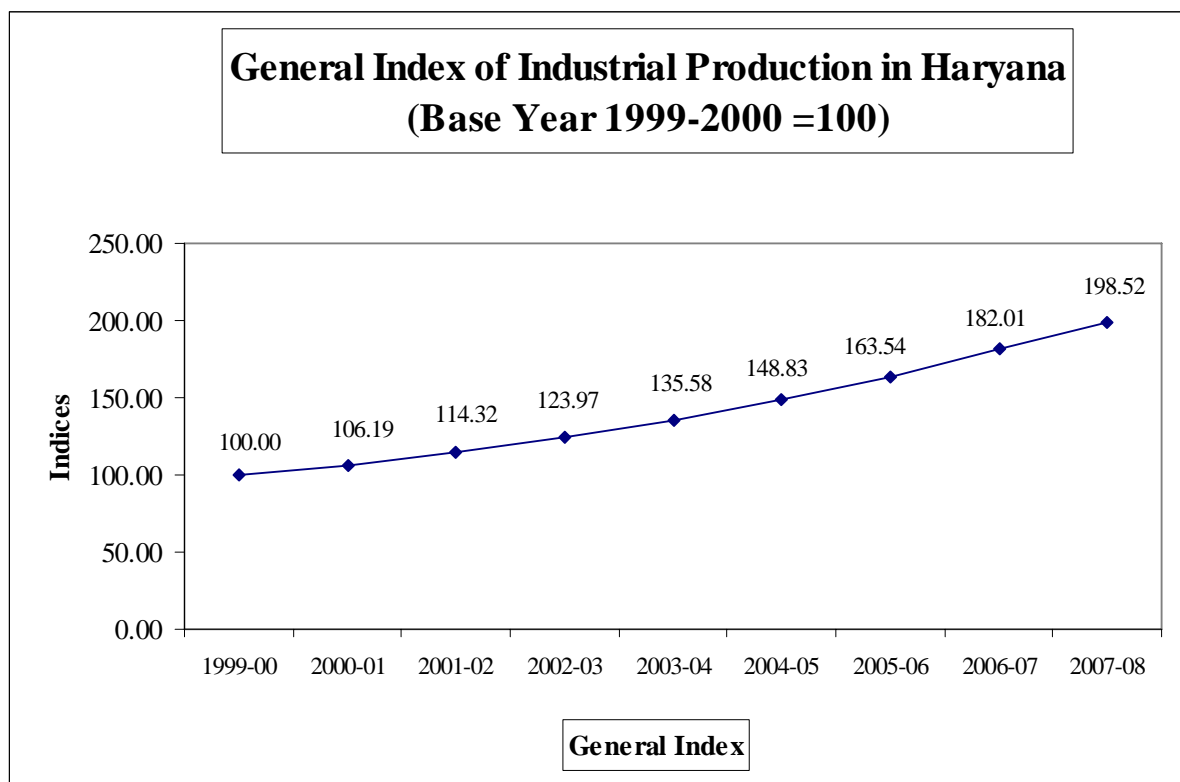
A number of State Directorates of Economic & Statistics are also engaged in compiling the State level Index of Industrial Production (IIP). The Govt. of India has constituted a Technical Advisory Committee (TAC) in June, 1995 for an in-depth examination of various technical issues such as identification 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.

The recommendations of the Technical Advisory Committee on comparable Index of Industrial Production were examined by the Central Statistical Organisation (G.O.I.) and the guidelines on compilation of State level Index of Industrial Production were prepared. According to criteria laid down in the guidelines issued by Central Statistical Organisation (G.O.I.), the Directorate of Economic and Statistical Analysis, Haryana identified the items basket and prepared the weighting diagram for preparation of comparable State level Index of Industrial Production with 1999-2000 as base year.

In the present report the State indices of Industrial Production for Mining and Quarrying, Manufacturing and Electricity Sectors for the years 1999-2000 to 2007-08 with base year 1999-2000 have been given. Mining and Quarrying Sector has been included in the

preview of IIP for the 1st time. The General Index of Industrial Production for the series with base year 1999-2000 is as under:-

<b>Year</b>	<b>General Index of Industrial Production (Base Year 1999-2000 =100)</b>	<b>Percentage increase/decrease over previous year</b>
1999-00	100.00	-
2000-01	106.19	6.19
2001-02	114.32	7.66
2002-03	123.97	8.44
2003-04	135.58	9.37
2004-05	148.83	9.77
2005-06	163.54	9.88
2006-07	182.01	11.29
2007-08	198.52	9.07



# **METHODOLOGY**

## **Scope and Coverage**

The Department of Economic and Statistical Analysis, Haryana prepares Index of Industrial Production (IIP) annually as per the guidance of Central Statistical Organisation, Govt of India. Presently the IIP is being prepared as per National Industrial Classification (NIC) 98 for mining and quarrying, manufacturing and electricity sectors. The manufacturing sector covers the industries registered under section 2m(i) and 2m(ii) of the factory Act 1948 and functioning within jurisdiction of Haryana. The section 2m(i) refers to the units employing 10 or more workers with power and section 2m(ii) refers to the units employing 20 or more workers without power on any day of the preceding twelve months.

## **Base year**

The Index of Industrial Production is being prepared in the State since 1971-72. To capture the changes in the industrial sector, the State series of IIP is revised from time to time by dropping obsolete items, including the new items in the basket and also by shifting the base year to a more recent one. The current State series of IIP has been revised by shifting its base from 1993-94 to 1999-2000 under the over all guidance of Central Statistical Organisation, Govt. of India, New Delhi.

The methodology for compiling an index of industrial production is two fold. The first stage is to identify and select the items to be included in the items basket which could monitor and reflect the performance of the industrial sector. The second stage is to allocate the weights to the items included in the item basket.

## **Selection of items basket**

The State level IIP with base year 1999-2000 covers three major industrial sectors Viz mining & quarrying, manufacturing (Registered) and electricity. For selection of items basket, the requisite data based upon detailed results of Annual Survey of Industries 1999-2000 have been supplied by CSO. The mining & quarrying and electricity each have been taken as single item.

In order to have proper representation at 2 digit level, the items basket for revised series of State IIP with base year 1999-2000 has to be identified in such a manner that all the items having at least 0.2 percent contribution in the total output of respective 2 digit categories has to

be taken into account for selection. But despite general guidelines for selection of items, the cut off criteria in terms of item level percentage contribution in the output of 2 digit group has been taken as 1.00 percent to keep the size of items basket as manageable. The items included in the items basket are distinct in nature. Some items of similar nature have been grouped together at the item level. Ambiguous items such as other product, by products and the items which can create problems at the stage of data collection have been excluded from the item basket. All items of mining and quarrying have been clubbed together as single item as scope of this sectors is very limited in Haryana State.

In all 103 items have been selected for the items basket which covers 79.31 percent gross value of output of registered manufacturing sector of the year 1999-2000. The selected items have been assigned use based codes i.e basic goods, intermediate goods, capital goods and consumer goods.

The selected items have been classified under 4 digit industry groups which in turn have been classified under 2 digit industry group.

List of selected items of manufacturing (registered) sector alongwith their respective gross value of out put have been shown in table no 1.1.

## **Weighting Diagram**

After selection of items weightage of each item in the base year has been determined. For this purpose total weight has been taken as 1000. The total weight of 1000 has been first distributed to mining and quarrying, registered manufacturing and electricity sectors on the basis of Gross Value Added of each sectors for the year 1999-2000. The weights of registered manufacturing sector have further been distributed to various 2 digit industry groups (15-36) of NIC 98 in proportion to their GVA figures. The 2 digit level weights further distributed to represent 3 digit groups which, in turn, distributed to 4 digit classes within the respective 3 digit groups represented in the item basket. Finally the 4 digit level weights have been distributed to selected items in the respective 4 digit classes in proportion to item wise GVO figures. The weighting diagram prepared at item level is further assigned use based categories.

Since mining & quarrying and electricity sectors are single item sectors, no apportioning of weight has been done.

Table Number 1.2 shows the distribution of weights at sector level. Distribution of weight among selected groups at 2 & 3 digit level for the year 1999-2000 of manufacturing sector has been shown in table no 1.3& 1.4 respectively. Item level distribution of weights of manufacturing sector is available at table no 1.5.

## Source of data

The production data for IIP is collected from the concerned industrial units in the State. For selection of factories for collection of production data for manufacturing sector the unit wise ASI frame of items selected in the items basket for the year 1999-2000 is used. The units producing a particular item included in the items basket is first arranged in descending order of production and a cut off point not below 60% of the particular item is selected as sample for collection of data from field.

The State wise data on production of electricity supplied by Central electricity authority is used. District Gurgaon and Faridabad are major producer of minerals in the State. Hence total production of major and minor mineral is collected from these districts and used for calculation of IIP of this sector.

## Computation of Index Number

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

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

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

Where I = Index Number

R<sub>i</sub> = Production relative of ith selected item

W<sub>i</sub> = Weight assigned to ith item

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

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

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

Where R<sub>i</sub> = Production relative of ith selected item.

P<sub>ci</sub> = Current year production of ith item

P<sub>oi</sub> = 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.

**Table-1.1 (Contd.)****Selected Items with Gross Value of Output of Registered  
Manufacturing Sector for the year 1999-2000**

(Rs. in lakh)			
Sr. No.	NIC 98	Items	Gross Value of Output (GVO)
1	2	3	4
<b>15 - Manufacture of Food Products and Beverages</b>			<b>495115</b>
1	15141	Vanaspati	28877
2	15142	Edible oil	19484
3	15203	Powder milk	14016
4	15203	Ghee	20622
5	15204	Milk, skimmed, pasturised	7709
6	15311	Atta/maida/sooji	20955
7	15312	Rice	280606
8	15412	Biscuit, cookies	33599
9	15421	sugar	45742
10	15511	Alcohol /liquor, (IMFL) - blended	6887
11	15533	Malt	16617
<b>16 - Manufacture of Tobacco Products.</b>			<b>2746</b>
12	16007	Katachu (katha/khair)	1626
13	16009	Tobacco,chewing(scented or not)	1120
<b>17 - Manufacture of Textiles</b>			<b>69865</b>
14	17111	Yarn,cotton	33918
15	17114	Yarn, synthetic/polyster	22121
16	17117	Yarn, woollen/shoddy	7908
17	17124	Handloom cloth, cotton	2416
18	17222	Carpet cotton & durries	3502
<b>18 - Manufacture of Wearing Apparel; Dressing and Dyeing of Fur</b>			<b>105148</b>
19	18101	Ready made garments	86974
20	18104	Leather garments & jackets	18174
<b>19 - Tanning and Dressing of Leather; Manufacture of Luggage, Handbags, Saddlery, Harness and Footwear</b>			<b>61462</b>
21	19201	Leather shoes	55842
22	19201	Shoes, canvas	1613
23	19202	Rubber chappels	4007

**Table-1.1 (Contd.)****Selected Items with Gross Value of Output of Registered  
Manufacturing Sector for the year 1999-2000**

			(Rs. in lakh)
Sr. No.	NIC 98		Gross Value of Output (GVO)
1	2	3	4
<b>20 - Manufacture of Articles of Straw and Plating Materials.</b>			
24	20211	Ply wood/board	<b>2915</b>
<b>21 - Manufacture of Paper and Paper Products</b>			<b>21293</b>
25	21012	Paper all kind	8663
26	21022	Boxes, corrugated sheet	3958
27	21029	Cartons/boxes, paper	8672
<b>22 - Publishing, Printing and Reproduction of Recorded Media</b>			<b>5200</b>
28	22122	Books	1945
29	22122	Journals/periodicals	3255
<b>23 - Manufacture of Coke, Refined Petroleum Products &amp; Nuclear Fuel</b>			
30	23201	Fuel, aviation turbine	<b>1058</b>
<b>24 - Manufacture of Chemicals and Chemical Products</b>			<b>135745</b>
31	24114	Dyes & colors	2995
32	24123	Fertilizer	57769
33	24124	Acid, sulphuric(incl oleum)	10899
34	24211	Insecticides	28033
35	24219	Pesticides	27906
36	24241	Soaps & detergents	8143
<b>25 - Manufacture of Rubber and Plastics Products</b>			<b>69902</b>
37	25111	Tyre/tube	39416
38	25192	Roll, rubber	2827
39	25199	Foot wear, rubber (Excl. boot)	2063
40	25199	Sports goods, rubber	9323
41	25202	Thermocols, boxes	1452
42	25202	Thermocols packings	2090
43	25206	Switches, electric	3980
44	25208	Helmet, safety	3500
45	25209	Film, PVC	5251



**Table-1.1 (Contd.)****Selected Items with Gross Value of Output of Registered  
Manufacturing Sector for the year 1999-2000**

				(Rs. in lakh)
Sr. No.	NIC 98	Items	Gross Value of Output (GVO)	
1	2	3	4	
<b>26 - Manufacture of other Non-Metallic Mineral Products</b>			<b>53589</b>	
46	26101	Sheet glass	10958	
47	26103	Glass bottles	13590	
48	26914	Sanitary ware, porcelain	3855	
49	26921	Tiles, ceramics	10089	
50	26931	Building bricks	3496	
51	26953	Asbestos corrugated sheet/joints	5815	
52	26999	Fibre glass sheet /board	5786	
<b>27 - Manufacture of Basic Metals</b>			<b>303569</b>	
53	27102	Bar, rods & rounds, iron / steel.	11819	
54	27104	Hot rolled/cold rolled sheet	80741	
55	27104	Plates/flates/sheet, stainless steel.	45926	
56	27105	Pipes, tubes & poles, steel/Stainless steel	31195	
57	27106	Beams (girder), iron/steel	6579	
58	27106	Tubes & pipes, high carbon steel	38295	
59	27107	Strips, stainless steel	18111	
60	27107	Sheets / strips, rods, brass	28188	
61	27107	Tape, steel	7996	
62	27107	Blade, stainless steel	5869	
63	27202	Copper strip, electrolytic	21926	
64	27310	Casting body	6925	
<b>28 - Manufacture of Fabricated Metal Products, Except Machinery and Equipment</b>			<b>84484</b>	
65	28121	Cylinders	22714	
66	28129	Containers, steel/ tin	11495	
67	28910	Stainless steel	2544	
68	28910	Casting & forging, iron /steel	21186	
69	28931	Utencils all type	6607	
70	28932	Tools	3910	
71	28991	Nuts, bolts, screws & washers	12163	
72	28999	Sheets & plates, iron /steel	1150	



**Table-1.1 (Contd.)****Selected Items with Gross Value of Output of Registered  
Manufacturing Sector for the year 1999-2000**

			(Rs. in lakh)
Sr. No.	NIC 98	Items	Gross Value of Output (GVO)
1	2	3	4
<b>29 - Manufacture of Machinery and Equipment N.E.C.</b>			<b>376898</b>
74	29130	Cylinders, engine	19923
75	29150	Cranes	5225
76	29192	Desert coolers	19569
77	29195	Packing machine	7685
78	29197	Fuel filters	9325
79	29211	Tractors	216661
80	29214	Part & accessories for agri./forestry machinery	17657
81	29244	Wheel MTD front dump loader	26570
82	29306	Compressors	11881
83	29306	Refrigerators ex-deep freezer	42402
<b>30 - Manufacture of Office, Accounting and Computing Machinery</b>			
84	30009	Core ( ferrite )	<b>3728</b>
<b>31 - Manufacture of Electrical Machinery and Apparatus N.E.C.</b>			<b>133505</b>
85	31103	Electric motors starters	3199
86	31103	A.C Motor	17145
87	31200	Switch gears & control gear/panel	6887
88	31300	Conductors	3213
89	31300	Cable insulated	76216
90	31501	Bulbs & tubes	4218
91	31501	Head light glass	13707
92	31902	Lamps, auto/miniature	5462
93	31909	Laminated sheets, copper clad	3458
<b>32 - Manufacture of Radio, Television and Communication Equipment and Apparatus</b>			
94	32209	Radio telephone system	<b>47805</b>

**Table-1.1 (Concl.)****Selected Items with Gross Value of Output of Registered  
Manufacturing Sector for the year 1999-2000**

				(Rs. in lakh)
Sr. No.	NIC 98	Items	Gross Value of Output (GVO)	
1	2	3	4	
<b>33 - Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks</b>			<b>17461</b>	
95	33112	Needle holder, surgical	1184	
96	33112	Syringess all types	14767	
97	33203	Microscope	1509	
<b>34 - Manufacture of Motor Vehicles, Trailers and Semi-Trailers</b>			<b>831745</b>	
98	34103	Motor car	606052	
99	34300	Motor vehicles part & accessories	225693	
<b>35 - Manufacture of Other Transport Equipment</b>			<b>317746</b>	
100	35911	Motor cycle	229924	
101	35914	Parts & accessories for M/cycles, scooters & three wheelers	68533	
102	35921	Bi-cycles	19289	
<b>36 - Manufacture of Furniture; Manufacturing N. E. C.</b>				
103	36999	Albums	1454	
<b>Total</b>			<b>3142431</b>	

**Table-1.2****Distribution of Weights at Sector Level**

<b>Sr. No.</b>	<b>Sector</b>	<b>Gross Value Added (GVA) for the year 1999-2000 (Rs. in lakh)</b>	<b>Weight</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Mining & Quarrying	16034	18.83
2	Registered Manufacturing	787748	924.94
3	Electricity	47894	56.23
<b>Total</b>		<b>851676</b>	<b>1000.00</b>

**Table-1.3****Distribution of Weights of Registered Manufacturing Sector  
at Two Digit Level for the year 1999-2000**

(Rs. in lakh)			
NIC Code 98	Industry Group	Gross Value Added (GVA)	Weight
1	2	3	4
15	Manufacture of food products & beverages	99118	116.38
16	Manufacture of tobacco products	387	0.45
17	Manufacture of textiles	29216	34.30
18	Manufacture of wearing apparel; dressing and dyeing of fur	30349	35.64
19	Tanning & dressing of leather ; manufacture of luggage, handbags, saddlery, harness and footwear	17864	20.98
20	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plating materials	934	1.10
21	Manufacture of paper and paper products	7646	8.98
22	Publishing, printing and reproduction of recorded media.	4634	5.44
23	Manufacture of coke, refind petroleum products and nuclear fuel	685	0.80
24	Manufacture of chemicals & chemical products	36644	43.03
25	Manufacture of rubber and plastic products	24293	28.52
26	Manufacture of other non-metallic mineral products	18792	22.06
27	Manufacture of basic metals	71982	84.52
28	Manufacture of fabricated metal products, except machinery and equipment	21388	25.11
29	Manufacture of machinery & equipment n.e.c.	104792	123.04
30	Manufacture of office, accounting and computing machinery	16944	19.90
31	Manufacture of electrical machinery and apparatus n.e.c.	27372	32.14
32	Manufacture of radio, television and communication equipment and apparatus	20444	24.01
33	Manufacture of medical, precision and optical instruments, watches and clocks	9198	10.80
34	Manufacture of motor vehicles, trailers and semi-trailers	170531	200.23
35	Manufacture of other transport equipment	70895	83.24
36	Manufacture of furniture; manufacturing n.e.c.	3640	4.27
<b>Total</b>		<b>787748</b>	<b>924.94</b>

**Table-1.4 (Contd.)**

**Distribution of Weights at 3 & 4 Digit Level of NIC 1998  
for the year 1999-2000 of Registered Manufacturing Sector**

(Rs. in lakh)					
NIC-98 3 digit	Gross Value added(GVA)	Weight	NIC-98 4 digit	Gross Value added(GVA)	Weight
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
151	4885	5.74	1511	53	*
				21	*
			1514	4811	5.74
				<b>4885</b>	<b>5.74</b>
152	2324	2.73	1520	2324	2.73
153	62781	73.71	1531	60989	73.71
			1532	1424	*
			1533	368	*
				<b>62781</b>	<b>73.71</b>
154	19643	23.06	1541	9475	15.28
			1542	4823	7.78
			1543	3504	*
			1549	1841	*
				<b>19643</b>	<b>23.06</b>
155	9485	11.14	1551	2971	3.52
			1553	6426	7.62
			1554	88	*
				<b>9485</b>	<b>11.14</b>
	<b>99118</b>	<b>116.38</b>		<b>99118</b>	<b>116.38</b>
<b>160</b>	<b>387</b>	<b>0.45</b>	<b>1600</b>	<b>387</b>	<b>0.45</b>
171	18116	21.66	1711	15771	18.86
			1712	2345	2.80
				<b>18116</b>	<b>21.66</b>
172	10578	12.64	1721	5266	*
			1722	4197	12.64
			1723	423	*
			1729	692	*
173	522	*	1730	522	*
				<b>10578</b>	<b>12.64</b>
	<b>29216</b>	<b>34.30</b>		<b>29216</b>	<b>34.30</b>
<b>181</b>	<b>30349</b>	<b>35.64</b>	<b>1810</b>	<b>30349</b>	<b>35.64</b>
191	1864	*	1911	453	*
			1912	1411	*
192	16000	20.98	1920	16000	20.98
	<b>17864</b>	<b>20.98</b>		<b>17864</b>	<b>20.98</b>

**Table-1.4 (Contd.)**

**Distribution of Weights at 3 & 4 Digit Level of NIC 1998  
for the year 1999-2000 of Registered Manufacturing Sector**

(Rs. in lakh)					
NIC-98 3 digit	Gross Value added(GVA)	Weight	NIC-98 4 digit	Gross Value added(GVA)	Weight
1	2	3	4	5	6
201	194	*	2010	194	*
202	740	1.10	2021	523	1.10
			2022	16	*
			2023	162	*
			2029	39	*
				<b>740</b>	<b>1.10</b>
	<b>934</b>	<b>1.10</b>		<b>934</b>	<b>1.10</b>
210	7646	8.98	2101	4924	5.90
			2102	2569	3.08
			2109	153	*
	<b>7646</b>	<b>8.98</b>		<b>7646</b>	<b>8.98</b>
221	3257	5.44	2211	22	*
			2212	3235	5.44
				<b>3257</b>	<b>5.44</b>
222	1377	*	2221	1009	*
			2222	368	*
	<b>4634</b>	<b>5.44</b>		<b>4634</b>	<b>5.44</b>
<b>232</b>	<b>685</b>	<b>0.80</b>	<b>2320</b>	<b>685</b>	<b>0.80</b>
241	20162	23.76	2411	6070	7.77
			2412	12499	15.99
			2413	1593	*
				<b>20162</b>	<b>23.76</b>
242	16354	19.27	2421	8766	16.56
			2422	51	*
			2423	3079	*
			2424	1433	2.71
			2429	3025	*
				<b>16354</b>	<b>19.27</b>
243	128	*	2430	128	*
	<b>36644</b>	<b>43.03</b>		<b>36644</b>	<b>43.03</b>
251	14331	16.82	2511	8324	9.77
			2519	6007	7.05
				<b>14331</b>	<b>16.82</b>
252	9962	11.70	2520	9962	<b>11.70</b>
	<b>24293</b>	<b>28.52</b>		<b>24293</b>	<b>28.52</b>



**Table-1.4 (Contd.)**

**Distribution of Weights at 3 & 4 Digit Level of NIC 1998  
for the year 1999-2000 of Registered Manufacturing Sector**

(Rs. in lakh)					
NIC-98 3 digit	Gross Value added(GVA)	Weight	NIC-98 4 digit	Gross Value added(GVA)	Weight
1	2	3	4	5	6
261	6300	7.40	2610	<b>6300</b>	<b>7.40</b>
269	12492	14.66	2691	2186	2.72
			2692	3013	3.74
			2693	1304	1.62
			2694	33	*
			2695	1180	1.47
			2696	659	*
			2699	4117	5.11
				<b>12492</b>	<b>14.66</b>
	<b>18792</b>	<b>22.06</b>		<b>18792</b>	<b>22.06</b>
271	63962	75.10	2710	63962	75.10
272	4553	5.35	2720	4553	5.35
273	3467	4.07	2731	3172	4.07
			2732	295	*
	<b>71982</b>	<b>84.52</b>		<b>71982</b>	<b>84.52</b>
281	8434	9.90	2812	<b>8434</b>	<b>9.90</b>
289	12954	15.21	2891	2813	3.39
			2892	318	*
			2893	3883	4.67
			2899	5940	7.15
				<b>12954</b>	<b>15.21</b>
	<b>21388</b>	<b>25.11</b>		<b>21388</b>	<b>25.11</b>
291	20194	23.71	2911	250	*
			2912	669	*
			2913	3272	4.05
			2914	125	*
			2915	1263	1.56
			2919	14615	18.10
				<b>20194</b>	<b>23.71</b>
292	63340	74.37	2921	45961	63.60
			2922	3029	*
			2923	7	*
			2924	7786	10.77
			2925	5772	*
			2926	24	*
			2927	152	*
			2929	609	*



**Table-1.4 (Concl.)**

**Distribution of Weights at 3 & 4 Digit Level of NIC 1998  
for the year 1999-2000 of Registered Manufacturing Sector**

(Rs. in lakh)					
NIC-98 3 digit	Gross Value added(GVA)	Weight	NIC-98 4 digit	Gross Value added(GVA)	Weight
1	2	3	4	5	6
293	21258	24.96	2930	21258	24.96
	<b>104792</b>	<b>126.04</b>		<b>104792</b>	<b>123.04</b>
<b>300</b>	<b>16944</b>	<b>19.90</b>	<b>3000</b>	<b>16944</b>	<b>19.90</b>
311	5537	6.52	3110	5537	6.52
312	5098	6.00	3120	5098	6.00
313	4596	5.41	3130	4596	5.41
314	64	*	3140	64	*
315	6137	7.22	3150	6137	7.22
319	5940	6.99	3190	5940	6.99
	<b>27372</b>	<b>32.14</b>		<b>27372</b>	<b>32.14</b>
321	4372	*	3210	4372	*
322	9959	24.01	3220	9959	24.01
323	6113	*	3230	6113	*
	<b>20444</b>	<b>24.01</b>		<b>20444</b>	<b>24.01</b>
331	7478	9.35	3311	7253	9.35
			3312	225	*
332	1159	1.45	3320	1159	1.45
333	561	*	3330	561	*
	<b>9198</b>	<b>10.80</b>		<b>9198</b>	<b>10.80</b>
341	91593	107.64	3410	91593	107.64
342	154	*	3420	154	*
343	78784	92.59	3430	78784	92.59
	<b>170531</b>	<b>200.23</b>		<b>170531</b>	<b>200.23</b>
352	3105	*	3520	3105	*
353	491	*	3530	491	*
359	67299	83.24	3591	63956	79.75
			3592	2798	3.49
			3599	545	*
				<b>67299</b>	<b>83.24</b>
	<b>70895</b>	<b>83.24</b>		<b>70895</b>	<b>83.24</b>
361	355	*	3610	<b>355</b>	*
369	3285	<b>4.27</b>	3693	1314	*
			3699	1971	4.27
				<b>3285</b>	<b>4.27</b>
	<b>3640</b>	<b>4.27</b>		<b>3640</b>	<b>4.27</b>
<b>Total</b>	<b>787748</b>	<b>924.94</b>		<b>787748</b>	<b>924.94</b>

\* Shows that these groups at 3 & 4 digit level not represented in the items basket

**Table-1.5 (Contd.)****Distribution of Weights at Item Level of Registered Manufacturing Sector for the year 1999-2000**

(Rs. in lakh)				
Sr. No.	NIC 98	Items	Value (GVO)	Weight
1	2	3	4	5
<b>15 - Manufacture of Food Products and Beverages</b>			<b>495114</b>	<b>0</b>
1	15141	Vanaspati	28877	3.43
2	15142	Edible oil	19484	2.31
			<b>48361</b>	<b>5.74</b>
3	15203	Powder milk	14016	0.90
4	15203	Ghee	20622	1.33
5	15204	Milk, skimmed, pasturised	7709	0.50
			<b>42347</b>	<b>2.73</b>
6	15311	Atta/maida/sooji	20955	5.12
7	15312	Rice	280606	68.59
			<b>301561</b>	<b>73.71</b>
8	15412	Biscuit, cookies	33599	15.28
9	15421	sugar	45742	7.78
10	15511	Alcohol/liqour, (IMFL) - blended	6887	3.52
11	15533	Malt	16617	7.62
<b>16 - Manufacture of Tobacco Products.</b>			<b>2746</b>	<b>0.45</b>
12	16007	Katachu (katha/khair)	1626	0.27
13	16009	Tobacco,chewing(scented or not)	1120	0.18
<b>17 - Manufacture of Textiles</b>			<b>69865</b>	<b>34.30</b>
14	17111	Yarn,cotton	33918	10.00
15	17114	Yarn, synthetic/polyster	22121	6.53
16	17117	Yarn, woollen/shoddy	7908	2.33
			<b>63947</b>	<b>18.86</b>
17	17124	Handloom cloth, cotton	2416	2.80
18	17222	Carpet cotton & durries	3502	12.64
<b>18 - Manufacture of Wearing Apparel; Dressing and Dyeing of Fur</b>			<b>105148</b>	<b>35.64</b>
19	18101	Ready made garments	86974	29.48
20	18104	Leather garments & jackets	18174	6.16
<b>19 - Tanning and Dressing of Leather; Manufacture of Luggage, Handbags, Saddlery, Harness and Footwear</b>			<b>61462</b>	<b>20.98</b>
21	19201	Leather shoes	55842	19.06
22	19201	Shoes, canvas	1613	0.55
23	19202	Rubber chappels	4007	1.37

**Table-1.5 (Contd.)****Distribution of Weights at Item Level of Registered  
Manufacturing Sector for the year 1999-2000****(Rs. in lakh)**

<b>Sr. No.</b>	<b>NIC 98</b>	<b>Items</b>	<b>Value (GVO)</b>	<b>Weight</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>20 - Manufacture of Wood and of Products of Wood &amp; Cork, Except Furniture; Manufacture of Articles of Straw and Plating Materials.</b>				
24	20211	Ply wood/board	<b>2915</b>	<b>1.10</b>
<b>21 - Manufacture of Paper and Paper Products</b>			<b>21293</b>	<b>8.98</b>
25	21012	Paper all kind	8663	5.90
26	21022	Boxes, corrugated sheet	3958	0.97
27	21029	Cartons / boxes, paper	8672	2.11
			<b>12630</b>	<b>3.08</b>
<b>22 - Publishing, Printing and Reproduction of Recorded Media</b>				
			<b>5200</b>	<b>5.44</b>
28	22122	Books	1945	2.03
29	22122	Journals/periodicals	3255	3.41
<b>23 - Manufacture of Coke, Refined Petroleum Products &amp; Nuclear Fuel</b>				
30	23201	Fuel, aviation turbine	<b>1058</b>	<b>0.80</b>
<b>24 - Manufacture of Chemicals and Chemical Products</b>				
			<b>135745</b>	<b>43.03</b>
31	24114	Dyes & colors	2995	<b>7.77</b>
32	24123	Fertilizer	57769	13.45
33	24124	Acid, sulphuric (incl. oleum)	10899	2.54
			<b>68668</b>	<b>15.99</b>
34	24211	Insecticides	28033	8.30
35	24219	Pesticides	27906	8.26
			<b>55939</b>	<b>16.56</b>
36	24241	Soaps & detergents	8143	2.71
<b>25 - Manufacture of Rubber and Plastics Products</b>				
			<b>69902</b>	<b>28.52</b>
37	25111	Tyre/tube	39416	9.77
38	25192	Roll, rubber	2827	1.40
39	25199	Foot wear, rubber (Excl. boot)	2063	1.02
40	25199	Sports goods, rubber	9323	4.63
			<b>14213</b>	<b>7.05</b>
41	25202	Thermocols, boxes	1452	1.04
42	25202	Thermocols packings	2090	1.50
43	25206	Switches, electric	3980	2.86
44	25208	Helmet, safety	3500	2.52
45	25209	Film, PVC	5251	3.78



**Table-1.5 (Contd.)****Distribution of Weights at Item Level of Registered  
Manufacturing Sector for the year 1999-2000****(Rs. in lakh)**

<b>Sr. No.</b>	<b>NIC 98</b>	<b>Items</b>	<b>Value (GVO)</b>	<b>Weight</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>26 - Manufacture of other Non-Metallic Mineral</b>				
		<b>Products</b>	<b>53589</b>	<b>22.06</b>
46	26101	Sheet glass	10958	3.30
47	26103	Glass bottles	13590	4.10
			<b>24548</b>	<b>7.40</b>
48	26914	Sanitary ware, porcelain	3855	2.72
49	26921	Tiles, ceramics	10089	3.74
50	26931	Building bricks	3496	1.62
51	26953	Asbestos corrugated sheet/joints	5815	1.47
52	26999	Fibre glass sheet /board	5786	5.11
<b>27 - Manufacture of Basic Metals</b>			<b>303569</b>	<b>84.52</b>
53	27102	Bar, rods & rounds, iron/steel.	11819	3.23
54	27104	Hot rolled/cold rolled sheet	80741	22.07
55	27104	Plates/flates/sheet, stainless steel.	45926	12.55
56	27105	Pipes, tubes & poles, steel/Stainless steel	31195	8.53
57	27106	Beams (girder), iron/steel	6579	1.80
58	27106	Tubes & pipes, high carbon steel	38295	10.47
59	27107	Strips, stainless steel	18111	4.95
60	27107	Sheets/strips, rods, brass	28188	7.71
61	27107	Tape, steel	7996	2.19
62	27107	Blade, stainless steel	5869	1.60
			<b>274718</b>	<b>75.10</b>
63	27202	Copper strip, electrolytic	21926	5.35
54	27310	Casting body	6925	4.07
<b>28 - Manufacture of Fabricated Metal Products, Except Machinery and Equipment</b>			<b>84484</b>	<b>25.11</b>
65	28121	Cylinders	22714	6.57
66	28129	Containers, steel/tin	11495	3.33
			<b>34209</b>	<b>9.90</b>
67	28910	Stainless steel	2544	0.36
68	28910	Casting & forging, iron /steel	21186	3.03
			<b>23730</b>	<b>3.39</b>
69	28931	Utencils all type	6607	2.93
70	28932	Tools	3910	1.74
			<b>10517</b>	<b>4.67</b>
71	28991	Nuts, bolts, screws & washers	12163	5.43
72	28999	Sheets & plates, iron /steel	1150	0.51
73	28999	Electrical stamping lamination	2715	1.21





**Table-1.5 (Contd.)****Distribution of Weights at Item Level of Registered  
Manufacturing Sector for the year 1999-2000****(Rs. in lakh)**

<b>Sr. No.</b>	<b>NIC 98</b>	<b>Items</b>	<b>Value (GVO)</b>	<b>Weight</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>29 - Manufacture of Machinery and Equipment N.E.C.</b>			<b>376898</b>	<b>123.04</b>
74	29130	Cylinders, engine	19923	4.05
75	29150	Cranes	5225	1.56
76	29192	Desert coolers	19569	9.68
77	29195	Packing machine	7685	3.80
78	29197	Fuel filters	9325	4.62
			<b>36579</b>	<b>18.10</b>
79	29211	Tractors	216661	58.81
80	29214	Part & accessories for agri./forestry machiner	17657	4.79
			<b>234318</b>	<b>63.60</b>
81	29244	Wheel MTD front dump loader	26570	10.77
82	29306	Compressors	11881	5.46
83	29306	Refrigerators ex-deep freezer	42402	19.50
			<b>54283</b>	<b>24.96</b>
<b>30 - Manufacture of Office, Accounting and Computing Machinery</b>				
84	30009	Core ( ferrite )	<b>3728</b>	<b>19.90</b>
<b>31 - Manufacture of Electrical Machinery and Apparatus N.E.C.</b>				
			<b>133505</b>	<b>32.14</b>
85	31103	Electric motors starters	3199	1.03
86	31103	A.C Motor	17145	5.49
			<b>20344</b>	<b>6.52</b>
87	31200	Switch gears & control gear/panel	6887	6.00
88	31300	Conductors	3213	0.22
89	31300	Cable insulated	76216	5.19
			<b>79429</b>	<b>5.41</b>
90	31501	Bulbs & tubes	4218	1.70
91	31501	Head light glass	13707	5.52
			<b>17925</b>	<b>7.22</b>
92	31902	Lamps, auto/miniature	5462	4.28
93	31909	Laminated sheets, copper clad	3458	2.71
			<b>8920</b>	<b>6.99</b>
<b>32 - Manufacture of Radio, Television and Communication Equipments and Apparalus</b>				
94	32209	Radio telephone system	<b>47805</b>	<b>24.01</b>

**Table-1.5 (Concl.)****Distribution of Weights at Item Level of Registered  
Manufacturing Sector for the year 1999-2000****(Rs. in lakh)**

<b>Sr. No.</b>	<b>NIC 98</b>	<b>Items</b>	<b>Value (GVO)</b>	<b>Weight</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>33</b>		<b>Instruments, Watches and Clocks</b>	<b>17461</b>	<b>10.80</b>
95	33112	Needle holder, surgical	1184	0.69
96	33112	Syringess all types	14767	8.66
		Microscope	<b>15951</b>	<b>9.35</b>
97	33203	Microscope	<b>1509</b>	<b>1.45</b>
<b>34 - Manufacture of Motor Vehicles, Trailers and Semi-Trailers</b>			<b>831745</b>	<b>200.23</b>
98	34103	Motor car	606052	107.64
99	34300	Motor vehicles part & accessories	225693	92.59
<b>35 - Manufacture of Other Transport Equipment</b>			<b>317746</b>	<b>83.24</b>
100	35911	Motor cycle	229924	61.44
101	35114	Parts & accessories for m/cycles, scooters & three wheelers	68533	18.31
			<b>298457</b>	<b>79.75</b>
102	35921	Bi-cycles	19289	3.49
<b>36 - Manufacture of Furniture; Manufacturing N.E.C.</b>				
103	36999	Albums	<b>1454</b>	<b>4.27</b>
			<b>3142431</b>	<b>924.94</b>













**Part-II**  
**Review**  
**of**  
**Index of Industrial Production**

*in*

**Haryana**

## **REVIEW OF INDEX OF INDUSTRIAL PRODUCTION IN HARYANA 2007-08**

The industry sector recorded an annual growth of 9.07 percent in 2007-08 over the previous year as the Index of Industrial Production increased from 182.01 in 2006-07 to 198.52 in 2007-08. The sector wise and group wise details of IIP are given below: -

### **Manufacturing Sector**

The Index of Manufacturing Sector increased from 179.15 in 2006-07 to 196.36 in 2007-08 registering an annual growth of 9.61 percent over the previous year. Manufacture of radio, television and communication equipment and apparatus (32) recorded the highest growth of 24.35 percent followed by manufacture of medical, precision and optical instruments, watches and clocks (33) recorded growth of 18.06 percent. Manufacturing of textiles (17) recorded growth of 17.68 percent, manufacture of other non-metallic mineral products 14.04 percent and manufacture of motor vehicles, trailers sand semi-trailers 13.52 percent. Manufacture of wood and wood products (20) and publishing, printing and reproduction of recorded media (22) recorded negative growth of 9.87 percent and 3.98 percent respectively.

### **Electricity Sector**

The Index of Electricity Sector increased from 262.83 in 2006-07 to 271.70 in 2007-08 registering an annual growth of 3.45 percent over the previous year.

### **Mining and Quarrying**

The Index of Mining & Quarrying sector increased from 81.65 in 2006-07 to 86.07 in 2007-08 exhibiting an growth of 5.40 percent.

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

#### **1. Manufacture of Food Products and Beverages (15)**

The food manufacturing industries carry the second highest weight of 116.38 in the manufacturing sector. The index of this group increased from 138.04 in 2006-07 to 145.82 in 2007-08 indicating a growth of 5.64 percent. Alcohol / liquor, (IMFL)- blended exhibited highest growth of 30.11 percent followed by ghee 23.08 percent and powder milk 21.08 percent. The index of malt and milk, skimmed, pasturised declined as compared to the previous year.

## **2. Manufacture of Tobacco Products (16)**

Tobacco group carry a weight of only 0.45 in the manufacturing sector. The index of this group increased from 180.73 in 2006-07 to 197.24 in 2007-08 and recorded a growth of 9.14 percent. The highest growth of 10.26 percent was recorded by katachu (katha/khair) whereas lowest growth of 5.24 percent was recorded by chewing tobacco (scanted or not).

## **3. Manufacture of Textiles (17)**

The textile industries carry a weight of 34.30 in the manufacturing sector. The index of this group increased from 118.25 in 2006-07 to 139.16 in 2007-08 recording a growth of 17.68 percent . The index of cotton carpet and durries recorded increase of 41.02 percent followed by Cotton handloom cloth 8.56 percent as compared to the year 2007-08. Woollen/shoddy yarn however recorded negative growth of 0.99 percent.

## **4. Manufacture of Wearing Apparel; Dressing and Dyeing of Fur (18)**

Wearing apparel industries has been assigned the weight of 35.64 in the manufacturing sector. The index of this group increased from 267.49 in 2006-07 to 301.38 in 2007-08 and recorded a growth of 12.67 percent. The index of readymade garments has increased to 14.12 percent whereas the index of leather garments and jackets has shown the growth of only 0.47 percent.

## **5. Tanning and Dressing of Leather; Manufacture of Luggage, Handbags, Saddlery, Harness and Footwear (19)**

The leather Industries has been allotted a weight of 20.98 in the manufacturing sector. The index of this group has increased from 167.69 in 2006-07 to 176.90 in 2007-08 and recorded a growth of 5.49 percent. The index of leather shoes has recorded increase of 6.20 percent followed by rubber chappal 2.68 percent. The index of canvas shoes has shown a decline of 5.92 percent.

## **6. Manufacture of Wood and Wood Products (20)**

The wood industry has been assigned the weight of 1.10 only. The index of this group has decreased from 163.97 in 2006-07 to 147.79 in 2007-08 and recorded negative growth of 9.87 percent.

## **7. Manufacture of Paper and paper Products (21)**

The paper Industries has been assigned the weight of 8.98. The index of this group increased to 157.92 in 2007-08 from 153.62 in 2006-07 recording a growth of 2.80 percent.

Manufacture of corrugated sheet boxes recorded the highest growth of 8.15 percent whereas paper all kind has recorded the lowest growth of 1.77 percent over the previous year.

## **8. Publishing, Printing and Reproduction of Recorded Media (22)**

The publishing and printing industries has been allotted the weight of 5.44. The index of this group decreased from 93.89 in 2006-07 to 90.16 in 2007-08 and recorded a negative growth of 3.98 percent.

## **9. Manufacture of Coke, Refined Petroleum Products and Nuclear Fuel (23)**

The petroleum industries carry a weight of 0.80. The index of this group has increased from 78.31 in 2006-07 to 86.84 in 2007-08 and recorded an increase of 10.89 percent. Aviation turbine fuel is the single products selected in this group.

## **10. Manufacture of Chemicals and Chemicals Products (24)**

The chemical and chemical products industry group carry a weight of 43.03. The index of this group increased from 124.62 in 2006-07 to 141.10 in 2007-08 which indicates a growth of 13.22 percent. Manufacture of pesticides has recorded highest growth of 21.87 percent in this group followed by insecticides 14.81 percent. Sulphuric acid (incloleum) has recorded lowest growth of 2.12 percent over the previous year.

## **11. Manufacture of Rubber and Plastic Products (25)**

The rubber and plastic industries has been assigned a weight of 28.52. The index of this group has increased from 138.44 in 2006-07 to 142.92 in 2007-08 recording a growth of 3.24 percent. The manufacture of thermocol packing recorded highest growth of 25.36 percent followed by rubber roll 25.00 percent. Safety helmet has recorded negative growth of 62.77 percent in this group.

## **12. Manufacture of other Non-Metallic Mineral Products (26)**

This industry group carry weight of 22.06 in the manufacturing sector. The index of this group has increased from 144.67 in 2006-07 to 164.99 in 2007-08 recording a growth of 14.04 percent. Sheet glass recorded the highest growth of 25.72 percent followed by glass bottles 19.70 percent. Fibre glass sheet/board recorded lowest growth of 2.50 percent over the previous year.

## **13. Manufacture of Basic Metals (27)**

Basic metal group carries a weight of 84.52 in the manufacturing sector. The index of this group increased from 132.06 in 2006-07 to 145.95 in 2007-08 recording a growth of 10.52 percent. Stainless steel strips recorded the highest growth of 22.36 percent followed by stainless

steel plates/plates/sheets 21.26 percent. Iron/steel beam (girder) recorded negative growth of 13.09 percent.

#### **14. Manufacture of Fabricated Metal Products, Except Machinery and Equipments (28)**

Fabricated metal product industry carries a weight of 25.11 in the manufacturing sector. The index of this group increased from 136.01 in 2006-07 to 145.93 in 2007-08 recording a growth of 7.29 percent. Stainless steel has recorded highest growth of 51.48 percent in this group followed by electric stamping lamination 13.35 percent. The index of cylinders has declined by 1.69 percent.

#### **15. Manufacture of Machinery and Equipment N.E.C. (29)**

Machinery and equipment industry carries the weight of 123.04 in the manufacturing sector. The index of this industry group increased from 141.66 in 2006-07 to 152.10 in 2007-08 recording a growth of 7.37 percent. Compressors, cranes and packing machinery has recorded the highest growth in this industry group whereas the growth of tractors declined by 12.68 percent.

#### **16. Manufacture of office, Accounting and Computing Machinery (30)**

This industry group has been allotted the weight of 19.90 in the manufacturing sector. Core (ferrite) is single item selected in this group. The index of this group has increased from 70.14 in 2006-07 to 71.53 in 2007-08 recording a growth of 1.98 percent.

#### **17. Manufacture of Electrical Machinery and Equipment N.E.C (31)**

The electrical machinery and equipment industry group has been assigned weight of 32.14 in manufacturing sector. The index of this group has increased from 161.89 in 2006-07 to 175.98 in 2007-08 recording an increase of 8.70 percent. Electric motor starters recorded highest growth of 38.46 percent followed by AC motors 25.37 percent. The growth of conductors, cable insulated and copper clad laminated sheets has declined.

#### **18. Manufacture of Radio, Television and Communication Equipment and Apparatus (32)**

This industry group has been allotted weight of 24.01 in the manufacturing sector. Radio telephone system is single product selected in this industry group. The index of this group has increased from 233.56 in 2006-07 to 290.44 in 2007-08 and recorded a growth of 24.35 percent.

## **19. Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks (33)**

The medical and scientific instrument industry carries weight of 10.80 in the manufacturing sector. The index of this group has increased from 250.15 in 2006-07 to 295.31 in 2007-08 recording growth of 18.06 percent. Syringes all type recorded highest growth of 19.69 percent followed by surgical needle holder 6.32 percent and microscope 5.68 percent. No item has recorded negative growth in this industry group.

## **20. Manufacture of Motor Vehicles, Trailers and Semi-Trailers (34)**

This industry group carries highest weight of 200.23 in the manufacturing sector. The index of this group increased from 205.26 in 2006-07 to 253.00 in 2007-08 recording growth of 13.52 percent. Two products have been selected from this group. Motor vehicle part and accessories recorded highest growth of 14.36 percent followed by motor car 12.19 percent.

## **21. Manufacture of other Transport Equipment (35)**

Other transport equipment industry has been assigned weight of 83.24 in the manufacturing sector. The index of this group increased from 352.58 in 2006-07 to 364.52 in 2007-08 recording a growth of 3.38 percent. The index of bicycles recorded highest growth of 6.24 percent followed by motor cycle 3.69 percent, part and accessories for motor cycle, scooters and three wheelers 1.24 percent. No items has recorded negative growth in this industry group.

## **22. Manufacture of Furniture, Manufacturing N.E.C (36)**

This industry group carries weight of 4.27 in the manufacturing sector. The index of this group has increased from 105.39 in 2006-07 to 107.41 and recorded an increased of 1.92 percent.

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

		Base year 1999-2000=100							
Sector	Weight	INDEX *							
		2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
1	2	3	4	5	6	7	8	9	10
Manufacturing	924.94	105.44 (5.44)	111.73 (5.96)	121.45 (8.71)	133.65 (10.04)	146.99 (9.98)	160.80 (9.39)	179.15 (11.41)	196.36 (9.61)
Mining & Quarrying	18.83	104.38 (4.38)	99.88 (-4.31)	96.24 (-3.65)	62.80 (-34.75)	73.31 (16.73)	74.75 (1.97)	81.65 (9.24)	86.07 (5.40)
Electricity	56.23	119.17 (19.17)	161.87 (35.83)	174.56 (7.84)	191.77 (9.86)	204.41 (6.59)	238.41 (16.63)	262.63 (10.16)	271.70 (3.45)
<b>General Index</b>	<b>1000.00</b>	<b>106.19</b> <b>(6.19)</b>	<b>114.32</b> <b>(7.66)</b>	<b>123.97</b> <b>(8.43)</b>	<b>135.58</b> <b>(9.37)</b>	<b>148.83</b> <b>(9.77)</b>	<b>163.54</b> <b>(9.88)</b>	<b>182.01</b> <b>(11.29)</b>	<b>198.52</b> <b>(9.07)</b>

\* Provisional

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

**Table-2.2(Contd.)****Annual Index of Industrial Production in Haryana at Group level**

NIC Code 1998	Industry Group	Weight	Base year 1999-2000=100							
			INDEX *							
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
1	2	3	4	5	6	7	8	9	10	11
15	Manufacture of food products and beverages	116.38	106.11 (6.11)	109.44 (3.14)	113.89 (4.07)	120.20 (5.53)	120.52 (0.27)	128.33 (6.48)	138.04 (7.56)	145.82 (5.64)
16	Manufacture of tobacco products.	0.45	124.98 (24.98)	136.51 (9.23)	125.83 (-7.82)	145.01 (15.24)	133.51 (-7.93)	152.28 (14.06)	180.73 (18.68)	197.24 (9.14)
17	Manufacture of textiles	34.30	91.75 (-8.25)	89.98 (-1.93)	95.47 (6.10)	99.92 (4.66)	102.86 (2.95)	110.68 (7.60)	118.25 (6.84)	139.16 (17.68)
18	Manufacture of wearing apparel; dressing and dyeing of fur	35.64	110.39 (10.39)	117.70 (6.62)	136.73 (16.16)	179.23 (31.09)	219.02 (22.21)	244.55 (11.65)	267.49 (9.38)	301.38 (12.67)
19	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear	20.98	113.16 (13.16)	123.03 (8.72)	131.14 (6.59)	142.39 (8.58)	156.19 (9.69)	161.48 (3.39)	167.69 (3.85)	176.90 (5.49)
20	Manufacture of wood and of products of wood & cork, except furniture; manufacture furniture; manufacture of article of straw and plating materials	1.10	117.28 (17.28)	139.34 (18.81)	158.46 (13.72)	168.01 (6.03)	175.37 (4.38)	183.82 (4.82)	163.97 (-10.80)	147.79 (-9.87)
21	Manufacture of paper and paper products	8.98	102.12 (2.12)	111.85 (9.52)	121.22 (8.38)	131.83 (8.75)	134.95 (2.37)	140.40 (4.04)	153.62 (9.42)	157.92 (2.80)
22	Publishing, printing and reproduction of recorded media	5.44	92.14 (-7.86)	84.47 (-8.32)	82.50 (-2.33)	87.92 (6.57)	93.77 (6.65)	92.94 (-0.89)	93.89 (1.03)	90.16 (-3.98)
23	Manufacture of coke, refined petroleum products and nuclear fuel	0.80	104.06 (4.06)	121.61 (16.86)	99.76 (-17.97)	131.03 (31.35)	97.16 (-25.85)	71.32 (-26.59)	78.31 (9.79)	86.84 (10.89)
24	Manufacture of chemicals and chemicals products	43.03	98.45 (-1.55)	105.96 (7.63)	112.06 (5.76)	119.61 (6.73)	112.77 (-5.72)	111.32 (-1.28)	124.62 (11.94)	141.10 (13.22)
25	Manufacture of rubber and plastics products	28.52	97.74 (-2.26)	101.29 (3.63)	111.35 (9.93)	117.76 (5.76)	123.04 (4.48)	126.90 (3.13)	138.44 (9.09)	142.92 (3.24)
26	Manufacture of other non-metallic mineral products	22.06	103.92 (3.92)	105.96 (1.97)	110.76 (4.53)	116.46 (5.14)	122.24 (4.97)	129.66 (6.07)	144.67 (11.57)	164.99 (14.04)
27	Manufacture of basic metals	84.52	109.16 (9.16)	107.85 (-1.21)	116.36 (7.89)	121.92 (4.78)	123.28 (1.12)	127.58 (3.49)	132.06 (3.51)	145.95 (10.52)
28	Manufacture of fabricated metal products, except machinery & equipment	25.11	104.84 (4.84)	106.29 (1.38)	109.22 (2.76)	112.79 (3.27)	117.60 (4.27)	126.45 (7.52)	136.01 (7.57)	145.93 (7.29)



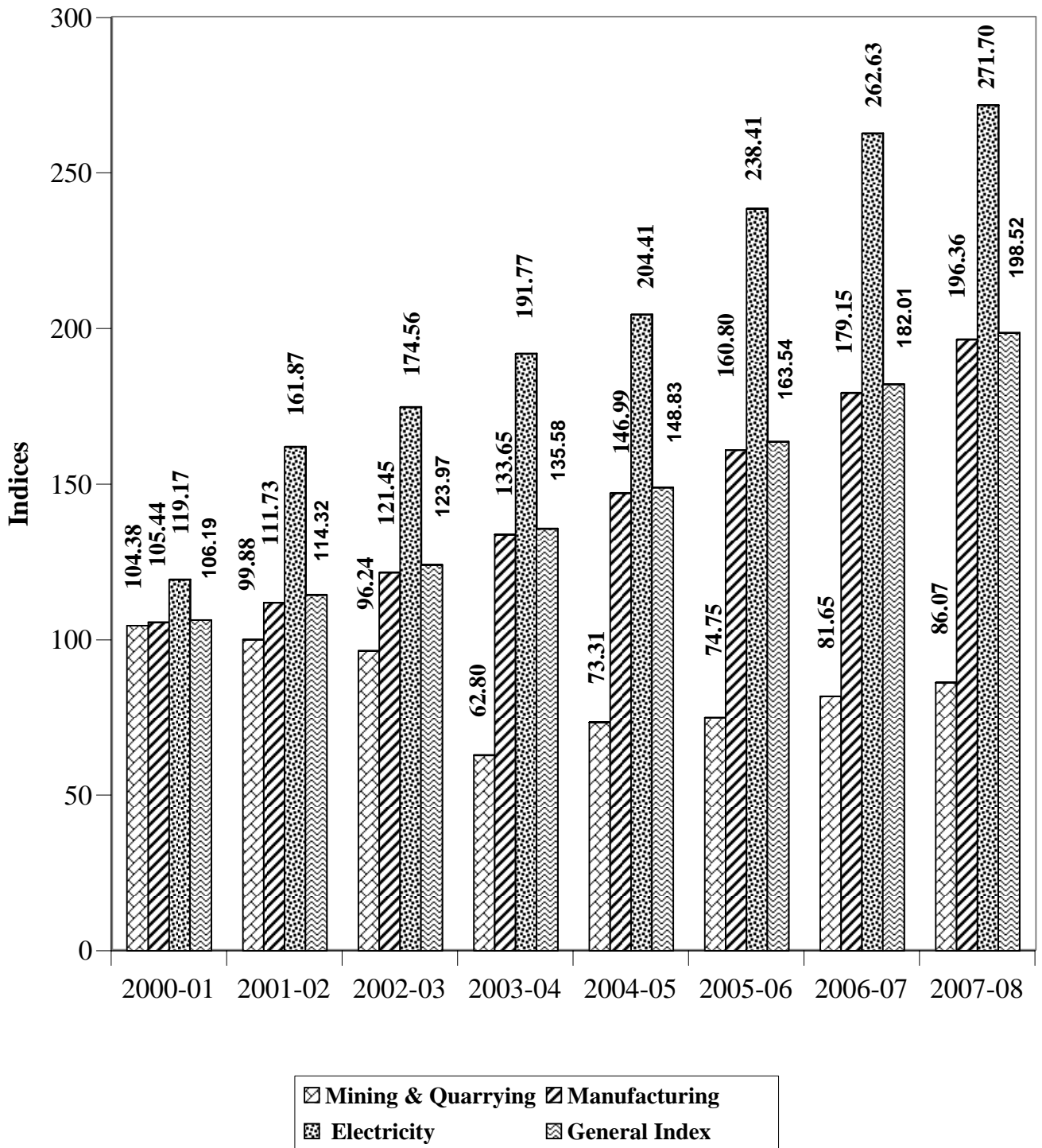
**Table-2.2(Concl.)****Annual Index of Industrial Production in Haryana at Group level**

NIC Code 1998	Industry Group	Weight	Base year 1999-2000=100 INDEX *							
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
			1	2	3	4	5	6	7	8
29	Manufacture of machinery and equipment n.e.c.	123.04	98.81 (-1.19)	97.48 (-1.34)	94.25 (-3.31)	87.34 (-7.33)	103.05 (17.98)	107.96 (4.77)	141.66 (31.21)	152.10 (7.37)
30	Manufacture of office, accounting and computing machinery	19.90	68.75 (-31.25)	51.39 (-25.25)	63.19 (22.97)	86.11 (36.26)	53.47 (-37.90)	62.50 (16.88)	70.14 (12.22)	71.53 (1.98)
31	Manufacture of electrical machinery and apparatus n.e.c.	32.14	106.24 (6.24)	119.67 (12.63)	125.54 (4.91)	131.26 (4.55)	141.82 (8.05)	146.56 (3.34)	161.89 (10.47)	175.98 (8.70)
32	Manufacture of radio, television and communication equipment and apparatus	24.01	97.92 (-2.08)	116.94 (19.42)	127.24 (8.81)	131.33 (3.22)	147.21 (12.09)	177.31 (20.45)	233.56 (31.72)	290.44 (24.35)
33	Manufacture of medical, precision and optical Instruments, watches and clocks	10.80	114.62 (14.62)	136.69 (19.25)	157.58 (15.25)	193.95 (23.25)	194.50 (0.28)	217.64 (11.90)	250.15 (14.94)	295.31 (18.06)
34	Manufacture of motor vehicles, trailers and semi-trailers	200.23	103.08 (3.08)	107.94 (4.72)	122.62 (13.59)	146.11 (19.16)	163.39 (11.83)	185.01 (13.23)	205.26 (10.94)	233.00 (13.52)
35	Manufacture of other transport equipment	83.24	134.52 (34.52)	170.12 (26.46)	199.50 (17.27)	227.42 (14.00)	284.73 (25.20)	327.38 (14.98)	352.58 (7.70)	364.52 (3.38)
36	Manufacture of furniture; Manufacturing n.e.c.	4.27	115.93 (15.93)	111.42 (-3.89)	120.28 (7.95)	113.56 (-5.59)	112.61 (-0.84)	99.89 (-11.30)	105.39 (5.51)	107.41 (1.92)
	Manufacturing	924.94	105.44 (5.44)	111.73 (5.96)	121.45 (8.71)	133.65 (10.04)	146.99 (9.98)	160.80 (9.39)	179.15 (11.41)	196.36 (9.61)
	Mining & quarrying	18.83	104.38 (4.38)	99.88 (-4.31)	96.24 (-3.65)	62.80 (-34.75)	73.31 (16.73)	74.75 (1.97)	81.65 (9.24)	86.07 (5.40)
	Electricity	56.23	119.17 (19.17)	161.87 (35.83)	174.56 (7.84)	191.77 (9.86)	204.41 (6.59)	238.41 (16.63)	262.63 (10.16)	271.70 (3.45)
	<b>General Index</b>	<b>1000.00</b>	<b>106.19 (6.19)</b>	<b>114.32 (7.66)</b>	<b>123.97 (8.43)</b>	<b>135.58 (9.37)</b>	<b>148.83 (9.77)</b>	<b>163.54 (9.88)</b>	<b>182.01 (11.29)</b>	<b>198.52 (9.07)</b>

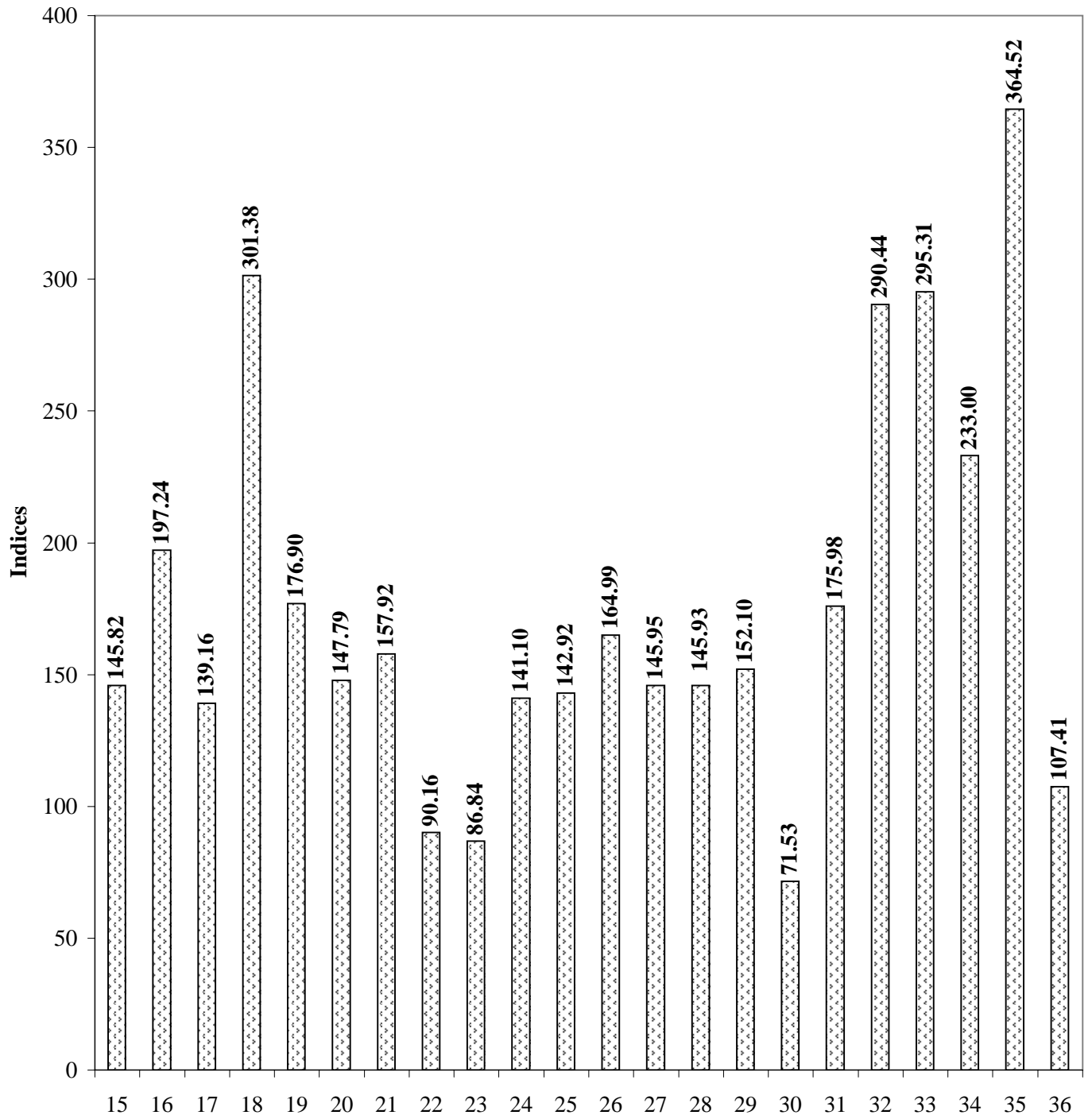
\* Provisional

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

## G-2.1 Index of Industrial Production in Haryana at Sector level (Base Year 1999-2000)

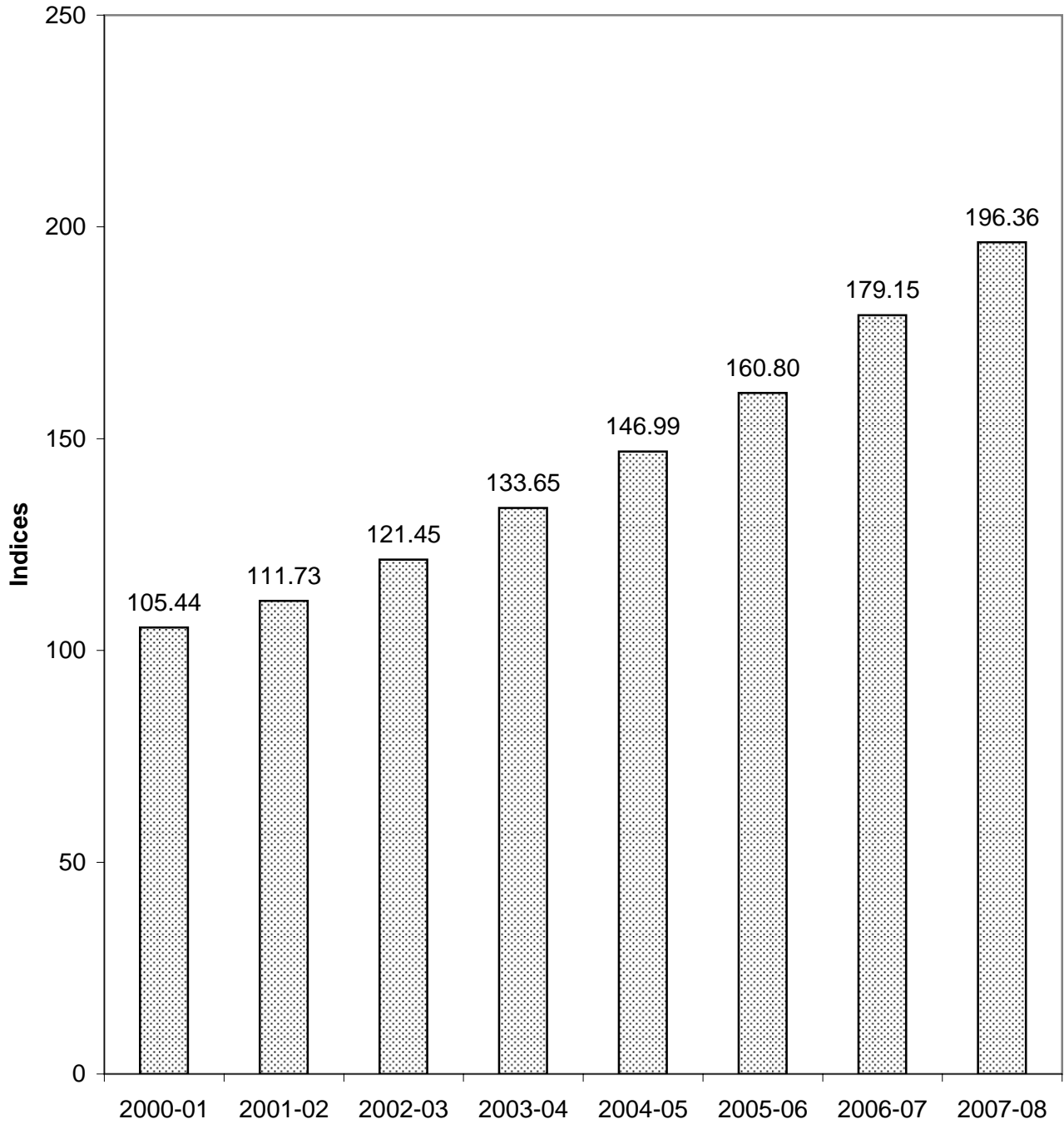


**G-2.2 Index of Industrial Production in Haryana  
Manufacturing Sector 2007-08 at 2 digit level  
Base Year 1999-2000**



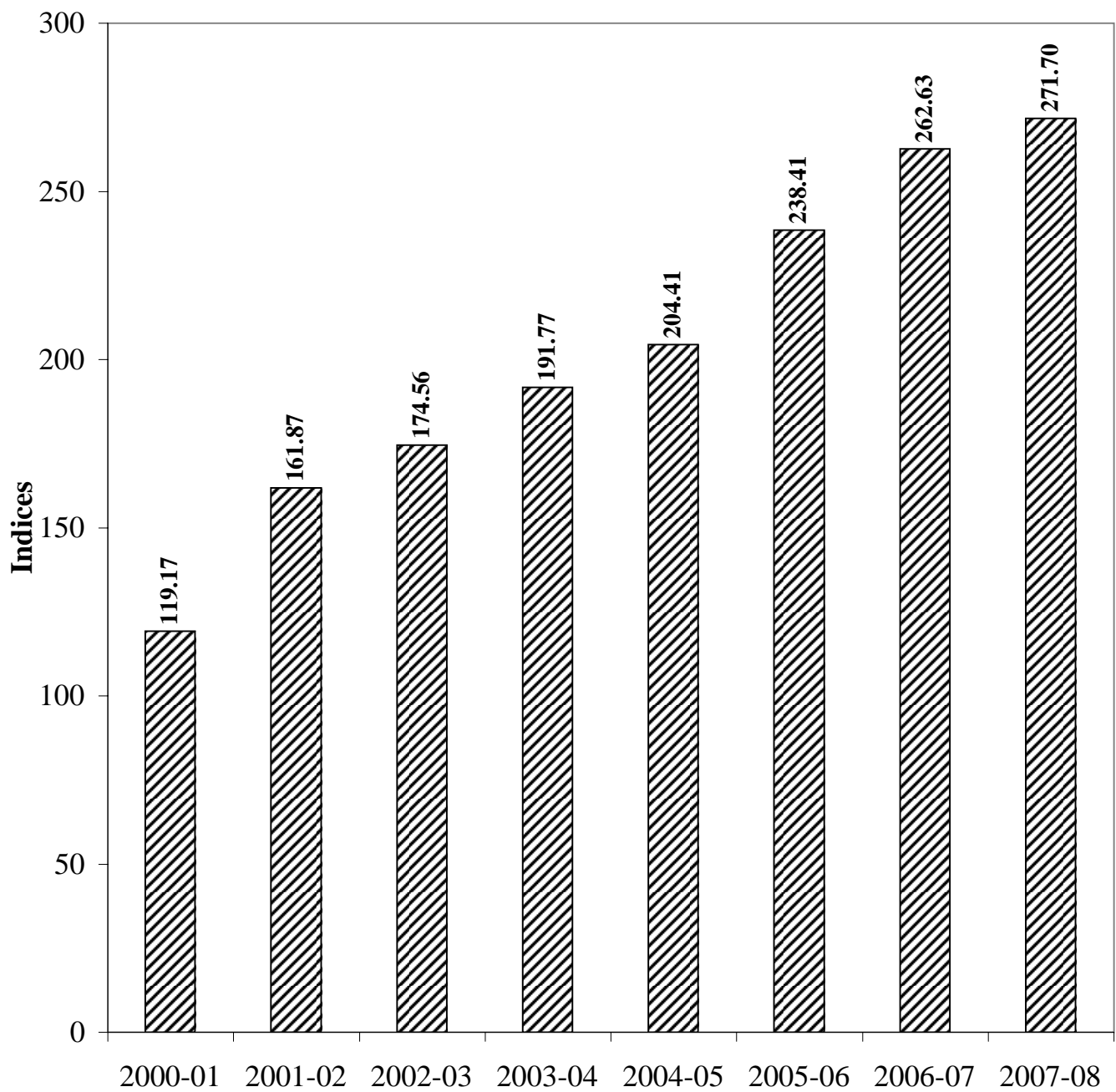
■ Manufacturing Sector

**G-2-3 Index of Industrial Production in Haryana  
Manufacturing Sector  
Base Year 1999-2000**



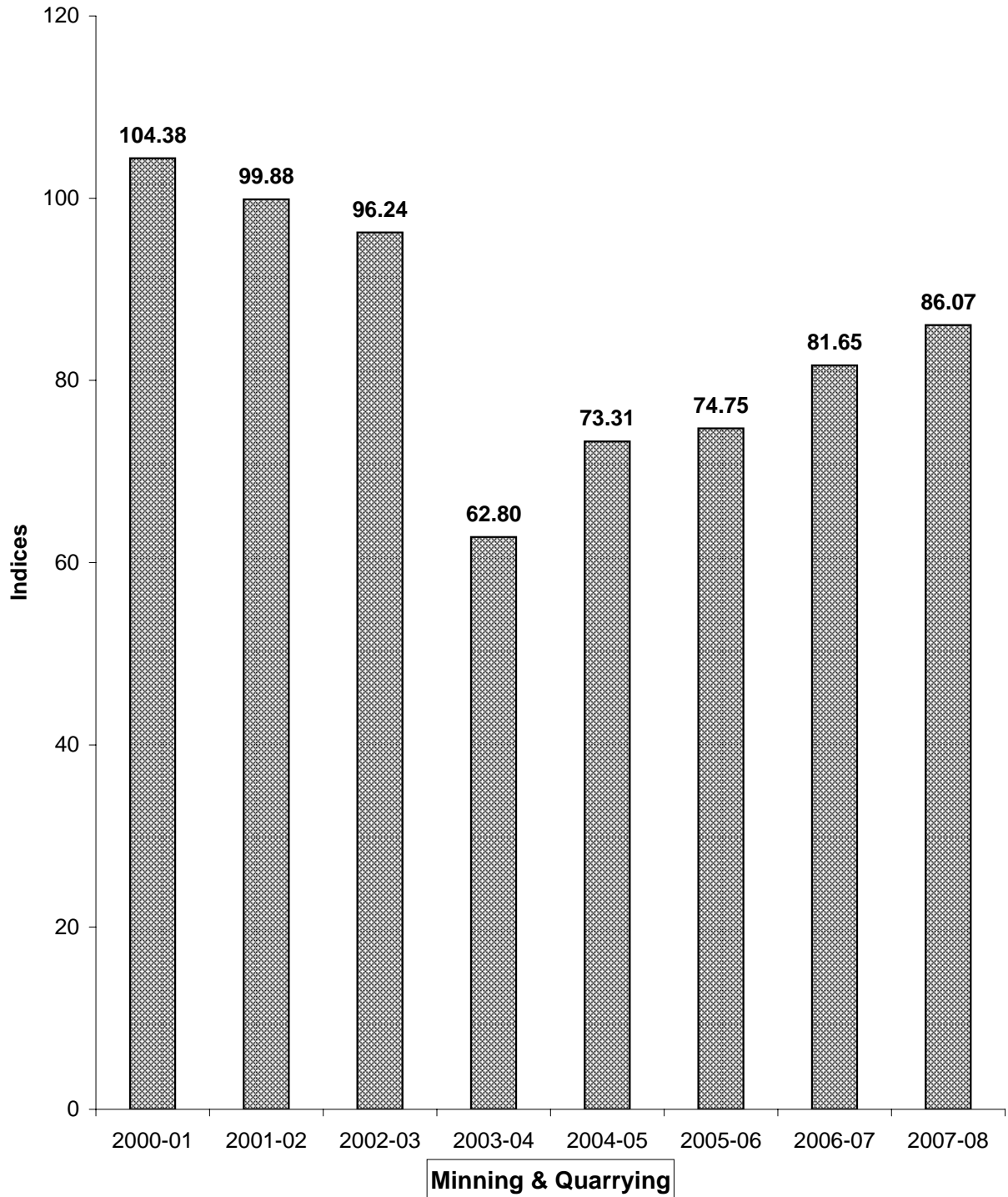
**Manufacturing Sector**

**G-2.4 Index of Industrial Production in Haryana  
Electricity Sector  
Base Year 1999-2000**

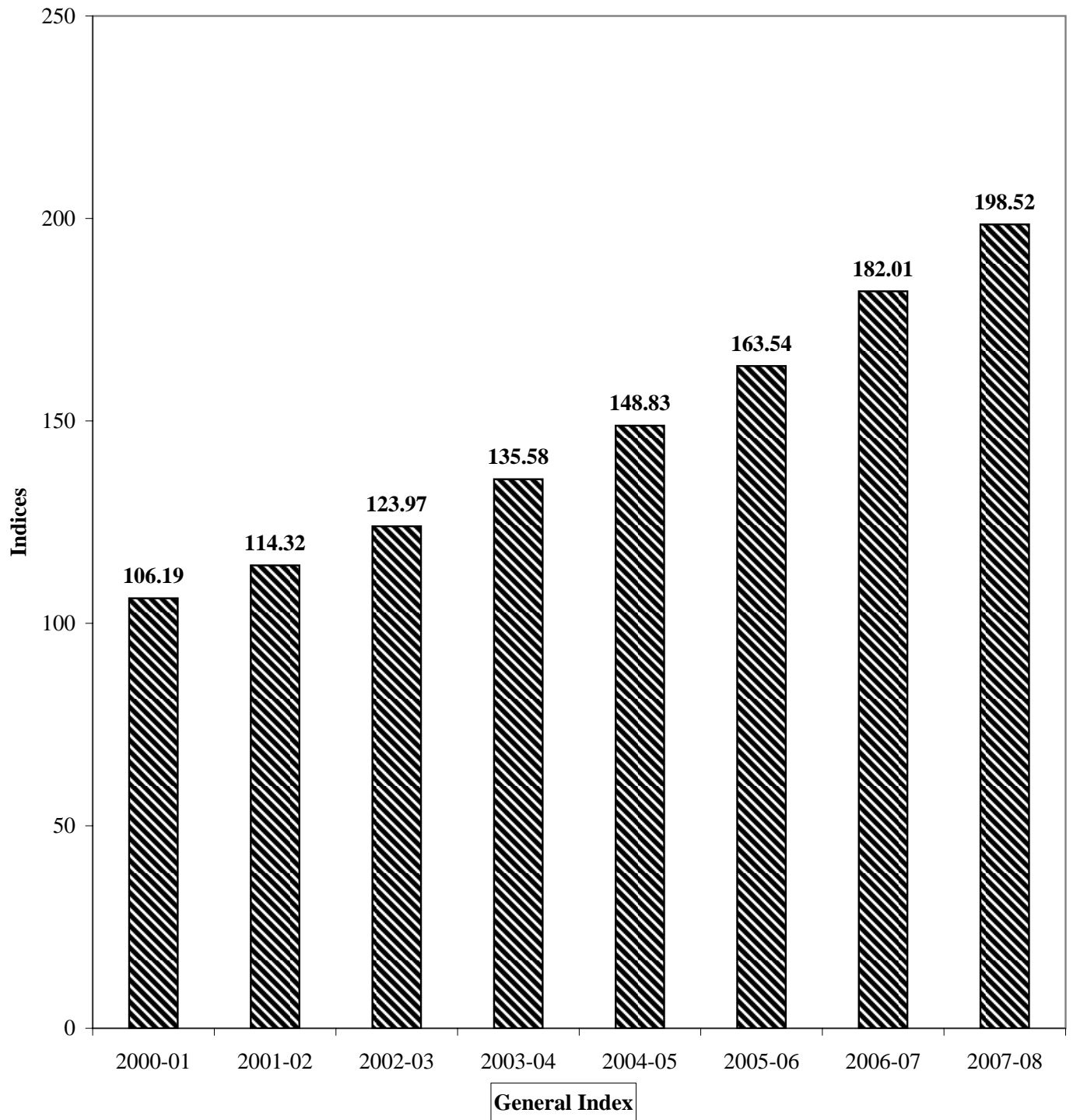


▨ Electricity Sector

**G-2-5 Index of Industrial Production in Haryana  
Mining & Quarrying Sector  
Base Year 1999-2000**



**G-2.6 General Index of Industrial Production in  
Haryana  
Base year 1999-2000**



**Table 2.3 (Contd.)**

**Annual Index of Industrial Production in Haryana at Item Level**

			Base year 1999-200							
Sr. No.	NIC 98	Items	Weight	INDEX *						
				2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10	11
<b>15 - Manufacture of Food</b>			<b>116.38</b>	<b>106.11</b>	<b>109.44</b>	<b>113.89</b>	<b>120.20</b>	<b>120.52</b>	<b>128.33</b>	<b>138.04</b>
<b>Products and Beverages</b>				<b>(6.11)</b>	<b>(-3.14)</b>	<b>(4.07)</b>	<b>(5.53)</b>	<b>(0.27)</b>	<b>(6.48)</b>	<b>(7.56)</b>
1	1514	Vanaspati	3.43	104.04 (4.04)	102.15 (-1.81)	104.36 (2.16)	114.76 (9.97)	121.53 (5.89)	117.73 (-3.13)	117.01 (-0.60)
2	1514	Edible oil	2.31	127.82 (27.82)	126.55 (-1.00)	120.20 (-5.02)	148.55 (23.59)	164.67 (10.85)	148.83 (-9.62)	180.40 (21.21)
3	1520	Powder milk	0.90	99.42 (-0.58)	72.62 (-26.96)	65.89 (-9.26)	63.83 (-3.13)	40.11 (-37.17)	41.58 (3.66)	45.64 (9.76)
4	1520	Ghee	1.33	74.14 (-25.86)	76.31 (2.93)	83.03 (8.80)	74.88 (-9.81)	73.00 (-2.52)	71.78 (-1.67)	82.19 (14.50)
5	1520	Milk, Skimmed, Pasturised	0.50	103.25 (3.25)	106.32 (2.97)	111.60 (4.96)	121.81 (9.15)	121.61 (-0.17)	128.46 (5.64)	136.05 (5.91)
6	1531	Atta/maida/sooji	5.12	104.08 (4.08)	106.28 (2.11)	110.44 (3.92)	110.48 (0.03)	112.45 (1.78)	113.70 (1.11)	112.95 (-0.66)
7	1531	Rice	68.59	106.55 (6.55)	111.29 (4.44)	119.48 (7.36)	128.93 (7.91)	130.64 (1.33)	144.75 (10.80)	160.08 (10.60)
8	1541	Biscuit, cookies	15.28	118.97 (18.97)	111.36 (-6.39)	99.01 (-11.09)	91.51 (-7.58)	93.69 (2.38)	86.93 (-7.21)	78.36 (-9.85)
9	1542	Sugar	7.78	115.00 (15.00)	138.11 (20.10)	142.12 (2.91)	149.16 (4.95)	133.94 (-10.20)	130.03 (-2.92)	132.49 (1.89)
10	1551	Alcohol /Lliqour, (IMFL) - blended	3.52	99.29 (-0.71)	105.05 (5.79)	107.24 (2.09)	115.38 (7.60)	105.17 (-8.85)	116.29 (10.57)	131.36 (12.96)
11	1553	Malt	7.62	72.68 (-27.32)	72.26 (-0.58)	83.63 (15.73)	86.63 (3.59)	85.97 (-0.76)	95.97 (11.63)	102.31 (6.61)
<b>16 - Manufacture of Tobacco Products.</b>			<b>0.45</b>	<b>124.98</b>	<b>136.51</b>	<b>125.83</b>	<b>145.01</b>	<b>133.51</b>	<b>152.28</b>	<b>180.73</b>
				<b>(24.98)</b>	<b>(9.23)</b>	<b>(-7.82)</b>	<b>(15.24)</b>	<b>(-7.93)</b>	<b>(14.06)</b>	<b>(18.68)</b>
12	1600	Katachu (katha/khair)	0.27	140.00 (40.00)	166.00 (18.57)	152.00 (-8.43)	178.00 (17.11)	174.00 (-2.25)	208.00 (19.54)	234.00 (12.50)
13	1600	Tobacco, chewing (scented or not)	0.18	102.44 (2.44)	92.28 (-9.92)	86.59 (-6.17)	95.53 (10.33)	72.76 (-23.83)	68.70 (-5.59)	100.81 (46.75)



**Table 2.3 (Contd.)**

**Annual Index of Industrial Production in Haryana at Item Level**

			Base year 1999-200								
Sr. No.	NIC 98	Items	Weight	INDEX *							
				2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	
1	2	3	4	5	6	7	8	9	10	11	
<b>17 - Manufacture of Textiles</b>			<b>34.30</b>	<b>91.75</b>	<b>89.98</b>	<b>95.47</b>	<b>99.92</b>	<b>102.86</b>	<b>110.68</b>	<b>118.25</b>	
				(-8.25)	(-1.93)	(6.10)	(4.66)	(2.95)	(7.60)	(6.84)	
14	1711	Yarn,cotton	10.00	99.55	108.62	117.08	120.89	126.86	142.23	143.73	
				(-0.45)	(9.11)	(7.79)	(3.25)	(4.94)	(12.12)	(1.06)	
15	1711	Yarn, synthetic/ polyster	6.53	98.13	85.95	86.88	89.30	85.25	82.36	78.80	
				(-1.87)	(-12.41)	(1.08)	(2.79)	(-4.54)	(-3.39)	(-4.32)	
16	1711	Yarn, woollen/ shoddy	2.33	102.21	91.93	91.77	122.98	112.49	110.39	116.69	
				(2.21)	(-10.05)	(-0.18)	(34.02)	(-8.54)	(-1.87)	(5.71)	
17	1712	Handloom cloth, cotton	2.80	103.00	78.75	90.85	95.45	85.01	69.98	69.10	
				(3.00)	(-23.54)	(15.37)	(5.06)	(-10.94)	(-17.69)	(-1.25)	
18	1722	Carpet cotton & durries	12.64	77.86	79.44	84.52	85.56	95.16	109.43	129.65	
				(-22.14)	(2.04)	(6.39)	(1.22)	(11.22)	(15.00)	(18.48)	
<b>18 - Manufacture of Wearing Apparel; Dressing and Dyeing of Fur</b>			<b>35.64</b>	<b>110.39</b>	<b>117.70</b>	<b>136.73</b>	<b>179.23</b>	<b>219.02</b>	<b>244.55</b>	<b>267.49</b>	
				(10.39)	(6.62)	(16.16)	(31.09)	(22.21)	(11.65)	(9.38)	
19	1811	Ready made garments	29.48	110.94	117.84	139.38	188.17	233.20	262.60	289.04	
				(10.94)	(6.21)	(18.28)	(35.01)	(23.93)	(12.61)	(10.07)	
20	1810	Leather garments & jackets	6.16	107.75	117.05	124.03	136.43	151.16	158.14	164.34	
				(7.75)	(8.63)	(5.96)	(10.00)	(10.80)	(4.62)	(3.92)	
<b>19 - Tanning and Dressing of Leather;Manufacture of Luggage, Handbags, Saddlery, Harness and Footwear</b>			<b>20.98</b>	<b>113.16</b>	<b>123.03</b>	<b>131.14</b>	<b>142.39</b>	<b>156.19</b>	<b>161.48</b>	<b>167.69</b>	
				(13.16)	(8.72)	(6.59)	(8.58)	(9.69)	(3.39)	(3.85)	
21	1920	Leather shoes	19.06	108.08	117.62	124.81	137.10	151.64	158.67	165.17	
				(8.08)	(8.83)	(6.12)	(9.85)	(10.61)	(4.63)	(4.10)	
22	1920	Shoes, canvas	0.55	274.27	294.60	295.56	254.27	311.29	262.30	247.90	
				(174.27)	(7.41)	(0.33)	(-13.97)	(22.42)	(-15.74)	(-5.49)	
23	1920	Rubber chappels	1.37	119.15	129.45	153.23	171.08	157.19	160.22	170.65	
				(19.15)	(8.64)	(18.37)	(11.64)	(-8.12)	(1.93)	(6.51)	
<b>20 - Manufacture of Wood and Wood Products</b>			<b>1.10</b>	<b>117.28</b>	<b>139.34</b>	<b>158.46</b>	<b>168.01</b>	<b>175.37</b>	<b>183.82</b>	<b>163.97</b>	
				(17.28)	(18.81)	(13.72)	(6.03)	(4.38)	(4.82)	(-10.80)	
24	2021	Ply wood /board	1.10	117.28	139.34	158.46	168.01	175.37	183.82	163.97	
				(17.28)	(18.81)	(13.72)	(6.03)	(4.38)	(4.82)	(-10.80)	

**Table 2.3 (Contd.)**

**Annual Index of Industrial Production in Haryana at Item Level**

			Base year 1999-200								
Sr. No.	NIC 98	Items	Weight	INDEX *							
				2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	
1	2	3	4	5	6	7	8	9	10	11	
<b>21 - Manufacture of Paper and Paper Products</b>			<b>8.98</b>	<b>102.12</b> (2.12)	<b>111.85</b> (9.52)	<b>121.22</b> (8.38)	<b>131.83</b> (8.75)	<b>134.95</b> (2.37)	<b>140.40</b> (4.04)	<b>153.62</b> (9.42)	
25	2021	Paper all kind	5.90	100.90 (0.90)	111.20 (10.21)	115.04 (3.45)	121.12 (5.29)	130.11 (7.42)	144.58 (11.13)	159.30 (10.18)	
26	2102	Boxes, corrugated sheet	0.97	105.24 (5.24)	106.69 (1.38)	97.87 (-8.27)	105.75 (8.05)	121.01 (14.43)	129.51 (7.02)	140.92 (8.82)	
27	2102	Cartons / boxes, paper	2.11	104.12 (4.12)	116.02 (11.42)	149.22 (28.62)	173.75 (16.44)	154.90 (-10.85)	133.70 (-13.69)	143.59 (7.40)	
<b>22 - Publishing, Printing and Reproduction of Recorded Media</b>			<b>5.44</b>	<b>92.14</b> (-7.86)	<b>84.47</b> (-8.32)	<b>82.50</b> (-2.33)	<b>87.92</b> (6.57)	<b>93.77</b> (6.65)	<b>92.94</b> (-0.89)	<b>93.89</b> (1.03)	
28	2212	Books	2.03	96.44 (-3.56)	72.96 (-24.34)	74.92 (2.38)	77.04 (2.84)	93.93 (21.91)	88.59 (-5.68)	86.03 (-2.90)	
29	2212	Journals / periodicals	3.41	89.59 (-10.31)	91.33 (1.94)	87.02 (-4.72)	94.40 (8.48)	93.68 (-0.76)	95.53 (1.97)	98.58 (3.19)	
<b>23 - Manufacture of Coke, Refined Petroleum Products &amp; Nuclear Fuel</b>			<b>0.80</b>	<b>104.06</b> (4.06)	<b>121.61</b> (16.86)	<b>99.76</b> (-17.97)	<b>131.03</b> (31.35)	<b>97.16</b> (-25.85)	<b>71.32</b> (-26.59)	<b>78.31</b> (-9.79)	
30	2320	Fuel, aviation turbine	0.80	104.06 (4.06)	121.61 (16.86)	99.76 (-17.97)	131.03 (31.35)	97.16 (-25.85)	71.32 (-26.59)	78.31 (9.79)	
<b>24 - Manufacture of Chemicals and Chemicals Products</b>			<b>43.03</b>	<b>98.45</b> (-1.55)	<b>105.96</b> (7.63)	<b>112.06</b> (5.76)	<b>119.61</b> (6.73)	<b>112.77</b> (-5.72)	<b>111.32</b> (-1.28)	<b>124.62</b> (11.94)	
31	2411	Dyes & colors	7.77	93.78 (-6.22)	92.75 (-1.10)	117.10 (26.26)	128.24 (9.51)	118.91 (-7.27)	118.65 (-0.22)	162.18 (36.68)	
32	2412	Fertilizer	13.45	100.56 (0.56)	113.51 (12.87)	109.01 (-3.97)	99.44 (-8.78)	100.38 (0.94)	94.56 (-5.79)	99.81 (5.56)	
33	2412	Acid, sulphuric (incloleum)	2.54	93.43 (-6.57)	99.90 (6.93)	101.66 (1.76)	107.24 (5.49)	111.63 (4.09)	115.27 (3.25)	116.73 (1.27)	
34	2421	Insecticides	8.30	89.83 (-10.17)	91.08 (1.39)	96.74 (6.21)	107.05 (10.66)	98.13 (-8.33)	86.86 (-11.49)	82.59 (-4.91)	
35	2421	Pesticides	8.26	101.19 (1.19)	107.82 (6.55)	116.77 (8.29)	132.04 (13.08)	138.75 (5.08)	151.12 (8.92)	171.01 (13.17)	
36	2424	Soaps & detergents	2.71	124.09 (24.09)	151.98 (22.48)	155.18 (2.11)	207.16 (33.50)	123.32 (-40.47)	123.48 (0.12)	134.76 (9.14)	

**Table 2.3 (Contd.)**

**Annual Index of Industrial Production in Haryana at Item Level**

Sr. No.	NIC 98	Items	Weight	INDEX *						
				Base year 1999-200						
				2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10	11
<b>25 - Manufacture of Rubber and Plastics Products</b>			<b>28.52</b>	<b>97.74</b>	<b>101.29</b>	<b>111.35</b>	<b>117.76</b>	<b>123.04</b>	<b>126.90</b>	<b>138.44</b>
				(-2.26)	(3.63)	(9.93)	(5.76)	(4.48)	(3.13)	(9.09)
37	2511	Tyre/tube	9.77	92.15	82.09	92.61	90.09	92.00	83.46	82.93
				(-7.85)	(-10.92)	(12.81)	(-2.72)	(2.12)	(-9.28)	(-0.64)
38	2519	Roll, rubber	1.40	104.00	108.00	126.00	196.00	210.00	206.00	376.00
				(4.00)	(3.85)	(16.67)	(55.56)	(7.14)	(-1.90)	(82.52)
39	2519	Foot wear, rubber (Excl. boot)	1.02	103.94	127.56	153.45	152.64	169.31	170.06	125.62
				(3.94)	(22.73)	(20.30)	(-0.53)	(10.92)	(0.45)	(-26.13)
40	2519	Sports goods, rubber	4.63	106.02	109.77	114.29	118.80	118.05	119.55	121.05
				(6.02)	(3.55)	(4.11)	(3.95)	(-0.63)	(1.27)	(1.26)
41	2520	Thermocols, boxes	1.04	90.00	100.00	110.00	122.00	137.00	88.00	95.00
				(-10.00)	(11.11)	(10.00)	(10.91)	(12.30)	(-35.77)	(7.95)
42	2520	Thermocols packings	1.50	97.78	106.67	96.11	111.22	83.33	86.11	138.89
				(-2.22)	(9.09)	(-9.90)	(15.72)	(-25.07)	(3.33)	(61.29)
43	2520	Switches, electric	2.86	95.97	100.00	128.10	131.28	155.36	200.85	230.99
				(-4.03)	(4.20)	(28.10)	(2.48)	(18.35)	(29.28)	(15.00)
44	2520	Helmet, safety	2.52	101.38	136.55	135.17	171.03	180.69	215.86	194.48
				(1.38)	(34.69)	(-1.01)	(26.53)	(5.65)	(19.47)	(-9.90)
45	2520	Film, PVC	3.78	99.11	106.65	117.29	105.32	113.75	118.85	123.06
				(-0.89)	(7.61)	(9.98)	(-10.21)	(8.00)	(4.48)	(3.54)
<b>26 - Manufacture of other Non-Metallic Mineral Products</b>			<b>22.06</b>	<b>103.92</b>	<b>105.96</b>	<b>110.76</b>	<b>116.46</b>	<b>122.24</b>	<b>129.66</b>	<b>144.67</b>
				(3.92)	(1.97)	(4.53)	(5.14)	(4.97)	(6.07)	(11.57)
46	2610	Sheet glass	3.30	101.63	103.26	102.45	92.66	104.08	107.61	159.51
				(1.63)	(1.60)	(-0.79)	(-9.55)	(12.32)	(3.39)	(48.23)
47	2610	Glass bottles	4.10	113.12	120.36	144.90	160.99	174.94	191.03	235.12
				(13.12)	(6.40)	(20.39)	(11.11)	(8.66)	(9.19)	(23.08)
48	2691	Sanitary ware, porcelain	2.72	108.29	106.42	99.37	99.84	100.00	107.28	107.51
				(8.29)	(-1.73)	(-6.62)	(0.47)	(0.16)	(7.28)	(0.22)
49	2692	Tiles, ceramics	3.74	99.95	90.03	91.16	95.24	97.09	97.55	110.77
				(-0.05)	(-9.93)	(1.26)	(4.48)	(1.94)	(0.47)	(13.55)
50	2693	Building bricks	1.62	100.86	106.08	105.75	114.82	95.49	120.44	120.96
				(0.86)	(5.17)	(-0.32)	(8.58)	(-16.84)	(26.13)	(0.43)
51	2695	Asbestos corrugated sheet/joints	1.47	97.78	112.22	118.89	127.78	133.33	141.11	128.89
				(-2.22)	(14.77)	(5.94)	(7.48)	(4.35)	(5.83)	(-8.66)
52	2699	Fibre glass sheet /	5.11	101.32	105.74	108.39	117.72	127.22	129.72	119.16

board

(1.32)

(4.36)

(2.51)

(8.60)

(8.07)

(1.96)

(-8.14)

---

**Table 2.3 (Contd.)**

**Annual Index of Industrial Production in Haryana at Item Level**

Sr. No.	NIC 98	Items	Weight	INDEX *						
				2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
				1	2	3	4	5	6	7
<b>27 - Manufacture of Basic Metals</b>			<b>84.52</b>	<b>109.16</b>	<b>107.85</b>	<b>116.36</b>	<b>121.92</b>	<b>123.28</b>	<b>127.58</b>	<b>132.06</b>
				(9.16)	(-1.21)	(7.89)	(4.78)	(1.12)	(3.49)	(3.51)
53	2710	Bar, rods & rounds, iron / steel.	3.23	100.35	122.24	106.15	115.25	121.13	139.63	157.47
				(0.35)	(21.81)	(-13.16)	(8.57)	(5.11)	(15.27)	(12.77)
54	2710	Hot rolled/cold rolled sheet	22.07	110.46	114.53	121.80	128.02	130.33	137.91	143.68
				(10.46)	(3.69)	(6.35)	(5.10)	(1.81)	(5.82)	(4.18)
55	2710	Plates/flates/sheet, Stainless steel.	12.55	97.84	80.00	81.08	85.41	86.49	87.03	94.05
				(-2.16)	(-18.23)	(1.35)	(5.33)	(1.27)	(0.63)	(8.07)
56	2710	Pipes, tubes & poles, steel/Stainless steel	8.53	111.16	111.85	121.13	117.91	120.95	126.24	131.22
				(11.16)	(0.63)	(8.29)	(-2.66)	(2.58)	(4.37)	(3.94)
57	2710	Beams (girder), iron/steel	1.80	112.17	113.98	115.94	93.69	95.38	114.95	129.76
				(12.17)	(1.61)	(1.71)	(-19.19)	(1.80)	(20.53)	(12.88)
58	2710	Tubes & pipes, high carbon steel	10.47	117.20	91.25	124.71	125.67	104.76	94.06	73.29
				(17.20)	(-22.14)	(36.66)	(0.77)	(-16.64)	(-10.21)	(-22.08)
59	2710	Strips,Stainless steel	4.95	120.12	143.90	143.29	161.59	164.02	175.61	196.34
				(20.12)	(19.80)	(-0.42)	(12.77)	(1.51)	(7.06)	(11.81)
60	2710	Sheets / strips, rods, brass	7.71	102.79	103.25	105.48	105.86	108.31	109.03	104.93
				(2.79)	(0.46)	(2.15)	(0.36)	(2.32)	(0.66)	(-3.77)
61	2710	Tape, steel	2.19	112.64	113.88	119.19	141.65	154.06	189.16	212.98
				(12.64)	(1.10)	(4.66)	(18.84)	(8.76)	(22.78)	(12.59)
62	2710	Blade,Stainless steel	1.60	113.04	114.13	119.57	131.52	155.43	80.43	90.22
				(13.04)	(0.96)	(4.76)	(10.00)	(18.18)	(-48.25)	(12.16)
63	2720	Copper strip, electrolytic	5.35	116.29	133.15	156.74	180.34	203.37	209.27	215.73
				(16.29)	(14.49)	(17.72)	(15.05)	(12.77)	(2.90)	(3.09)
64	2731	Casting body	4.07	103.88	103.49	104.39	109.07	109.48	136.42	156.12
				(3.88)	(-0.38)	(0.87)	(4.48)	(0.37)	(24.61)	(14.44)
<b>28 - Manufacture of Fabricated Metal Products, Except Machinery and Equipment</b>			<b>25.11</b>	<b>104.84</b>	<b>106.29</b>	<b>109.22</b>	<b>112.79</b>	<b>117.60</b>	<b>126.45</b>	<b>136.01</b>
				(4.84)	(1.38)	(2.76)	(3.27)	(4.27)	(7.52)	(7.57)
65	2812	Cylinders	6.57	110.59	106.24	104.73	99.43	104.16	108.70	100.38
				(10.59)	(-3.93)	(-1.42)	(-5.05)	(4.75)	(4.36)	(-7.65)
66	2812	Containers, steel/ tin	3.33	116.12	141.02	143.27	146.94	148.57	169.59	190.61
				(16.12)	(21.44)	(1.59)	(2.56)	(1.11)	(14.15)	(12.39)
67	2891	Stainless steel	0.36	95.79	141.01	143.26	146.91	149.16	192.13	218.26

(-4.21) (47.21) (1.59) (2.55) (1.53) (28.81) (13.60)

**Table 2.3 (Contd.)**

**Annual Index of Industrial Production in Haryana at Item Level**

Base year 1999-200										
Sr. No.	NIC 98	Items	Weight	INDEX *						
				2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10	11
68	2891	Casting & forging, iron/ steel	3.03	97.49 (-2.51)	110.16 (12.99)	114.13 (3.60)	112.55 (-1.38)	111.22 (-1.18)	115.89 (4.19)	146.90 (26.76)
69	2893	Utencils all types	2.93	95.66 (-4.34)	101.03 (5.62)	112.19 (11.04)	115.29 (2.76)	119.63 (3.76)	120.87 (1.04)	116.53 (-3.59)
70	2893	Tools	1.74	102.69 (2.69)	100.48 (-2.15)	101.05 (0.56)	99.59 (-1.45)	68.39 (-31.32)	65.59 (-4.10)	74.39 (13.42)
71	2899	Nuts, bolts, screws & washers	5.43	107.01 (7.01)	85.61 (-20.00)	88.56 (3.45)	102.58 (15.83)	119.93 (16.91)	128.41 (7.08)	143.54 (11.78)
72	2899	Sheets & plates, iron/steel	0.51	97.15 (-2.85)	106.89 (10.02)	111.33 (4.16)	130.97 (17.64)	135.70 (3.61)	137.04 (0.98)	154.86 (13.01)
73	2899	Electrical stamping lamination	1.21	82.40 (-17.60)	104.54 (26.87)	113.79 (8.85)	132.85 (16.75)	159.71 (20.22)	198.73 (24.43)	221.60 (11.51)
<b>29 - Manufacture of Machinery and Equipment N.E.C.</b>			<b>123.04</b>	<b>98.81</b> (-1.19)	<b>97.48</b> (-1.34)	<b>94.25</b> (-3.31)	<b>87.34</b> (-7.33)	<b>103.05</b> (17.98)	<b>107.96</b> (4.77)	<b>141.66</b> (31.21)
74	2913	Cylinders, engine	4.05	104.33 (4.33)	102.80 (-1.46)	103.53 (0.71)	88.19 (-14.82)	92.85 (5.28)	104.89 (12.96)	130.37 (24.29)
75	2915	Cranes	1.56	131.50 (31.50)	124.00 (-5.70)	163.50 (31.85)	233.50 (42.81)	323.75 (38.65)	617.50 (90.73)	716.25 (15.99)
76	2919	Desert coolers	9.68	111.43 (11.43)	101.77 (-8.67)	100.97 (-0.79)	79.71 (-21.05)	84.22 (5.66)	96.94 (15.11)	132.05 (36.21)
77	2919	Packing machine	3.80	61.49 (-38.51)	74.32 (20.88)	67.57 (-9.09)	65.54 (-3.00)	66.89 (2.06)	92.57 (38.38)	102.70 (10.95)
78	2919	Fuel filters	4.62	111.54 (11.54)	104.41 (-6.39)	105.38 (0.93)	144.95 (37.56)	170.45 (17.59)	171.06 (0.35)	260.66 (52.38)
79	2921	Tractors	58.81	88.88 (-11.12)	81.41 (-8.40)	73.43 (-9.81)	44.54 (-39.35)	54.78 (23.00)	54.50 (-0.52)	80.85 (48.35)
80	2921	Part & accessories for agri./forestry machinery	4.79	84.31 (-15.69)	81.79 (-2.99)	85.15 (4.11)	143.56 (68.59)	136.55 (-4.88)	150.14 (9.95)	165.83 (10.45)
81	2924	Wheel MTD. front dump loader	10.77	135.96 (35.96)	169.91 (24.97)	157.31 (-7.42)	221.32 (40.70)	279.40 (26.24)	249.71 (-10.63)	383.27 (53.49)
82	2930	Compressors	5.46	109.40 (9.40)	68.38 (-37.50)	75.21 (10.00)	58.12 (-22.73)	67.52 (16.18)	76.07 (12.66)	88.03 (15.73)
83	2930	Refrigerators	19.50	103.05	115.45	121.54	119.31	137.80	142.89	141.26

Ex. Deep freezer

(3.05) (12.03) (5.28) (-1.84) (15.50) (3.69) (-1.14)

---

**Table 2.3 (Contd.)**

**Annual Index of Industrial Production in Haryana at Item Level**

			Base year 1999-200							
Sr. No.	NIC 98	Items	Weight	INDEX *						
				2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10	11
<b>30</b>		<b>Manufacture of Office, Accounting and Computing Machinery</b>	<b>19.90</b>	<b>68.75</b> (-31.25)	<b>51.39</b> (-25.25)	<b>63.19</b> (22.97)	<b>86.11</b> (36.26)	<b>53.47</b> (-37.90)	<b>62.50</b> (16.88)	<b>70.14</b> (12.22)
84	3000	Core ( ferrite )	19.90	68.75 (-31.25)	51.39 (-25.25)	63.19 (22.97)	86.11 (36.26)	53.47 (-37.90)	62.50 (16.88)	70.14 (12.22)
<b>31</b>		<b>Manufacture of Electrical Machinery and Equipment N.E.C.</b>	<b>32.14</b>	<b>106.24</b> (6.24)	<b>119.67</b> (12.63)	<b>125.54</b> (4.91)	<b>131.26</b> (4.55)	<b>141.82</b> (8.05)	<b>146.56</b> (3.34)	<b>161.89</b> (10.47)
85	3110	Electric motors starters	1.03	100.00 (0.00)	103.03 (3.03)	103.03 (0.00)	130.30 (26.47)	151.52 (16.28)	169.70 (12.00)	196.97 (16.07)
86	3110	A.C Motor	5.49	101.70 (1.70)	127.86 (25.73)	164.53 (28.68)	194.59 (18.27)	183.58 (-5.66)	161.38 (-12.09)	181.70 (12.59)
87	3120	Switch gears & control gear/panel	6.00	103.43 (3.43)	110.77 (7.10)	127.90 (15.46)	153.36 (19.90)	180.28 (17.55)	221.00 (22.59)	244.12 (10.46)
88	3130	Conductors	0.22	103.15 (3.15)	113.43 (9.97)	124.47 (9.73)	115.46 (-7.24)	113.64 (-1.58)	115.98 (2.06)	118.77 (2.40)
89	3130	Cable insulated	5.19	99.40 (-0.60)	104.19 (4.82)	104.79 (0.57)	111.98 (6.86)	111.38 (-0.53)	126.95 (13.98)	147.31 (16.04)
90	3150	Bulbs & tubes	1.70	110.27 (10.27)	118.17 (7.17)	119.28 (0.93)	113.07 (-5.20)	123.69 (9.39)	128.81 (4.14)	114.33 (-11.24)
91	3150	Head light glass	5.52	133.83 (33.83)	144.26 (7.79)	148.58 (3.00)	146.43 (-1.45)	151.25 (3.29)	154.17 (1.93)	126.74 (-17.79)
92	3190	Lamps, auto/miniature	4.28	98.50 (-1.50)	106.31 (7.93)	75.38 (-29.10)	36.94 (-51.00)	56.16 (52.03)	54.05 (-3.76)	144.74 (167.78)
93	3190	Laminated sheets, copper clad	2.71	90.91 (-9.09)	131.17 (44.29)	125.97 (-3.96)	122.08 (-3.09)	156.49 (28.19)	124.68 (-20.33)	86.36 (-30.73)
<b>32</b>		<b>Manufacture of Radio, Television and Communication Equipment and Apparatus</b>	<b>24.01</b>	<b>97.92</b> (-2.08)	<b>116.94</b> (19.42)	<b>127.24</b> (8.81)	<b>131.33</b> (3.22)	<b>147.21</b> (12.09)	<b>177.31</b> (20.45)	<b>233.56</b> (31.72)
94	3220	Radio telephone system	24.01	97.92 (-2.08)	116.94 (19.42)	127.24 (8.81)	131.33 (3.22)	147.21 (12.09)	177.31 (20.45)	233.56 (31.72)



**Table 2.3 (Concl'd.)**

**Annual Index of Industrial Production in Haryana at Item Level**

			Base year 1999-200							
Sr. No.	NIC 98	Items	Weight	INDEX *						
				2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10	11
<b>33 - Manufacture of Medical, Precision and Optical Instruments, Watches and Clocks</b>			<b>10.80</b>	<b>114.62</b>	<b>136.69</b>	<b>157.58</b>	<b>193.95</b>	<b>194.50</b>	<b>217.64</b>	<b>250.15</b>
				(14.62)	(19.25)	(15.29)	(23.08)	(0.28)	(11.90)	(14.94)
95	3311	Needle Holder, Surgical	0.69	136.72	145.03	177.57	194.07	180.59	208.34	227.31
				(36.72)	(6.08)	(22.44)	(9.29)	(-6.94)	(15.37)	(9.10)
96	3311	Syringess all types	8.66	115.67	143.23	165.24	204.32	205.70	234.61	274.75
				(15.67)	(23.82)	(15.37)	(23.65)	(0.67)	(14.06)	(17.11)
97	3320	Microscope	1.45	97.82	93.63	102.34	131.99	134.21	120.70	114.06
				(-2.18)	(-4.28)	(9.29)	(28.98)	(1.68)	(-10.07)	(-5.50)
<b>34 - Manufacture of Motor Vehicles, Trailers and Semi-Trailers</b>			<b>200.23</b>	<b>103.08</b>	<b>107.94</b>	<b>122.62</b>	<b>146.11</b>	<b>163.39</b>	<b>185.01</b>	<b>205.26</b>
				(3.08)	(4.72)	(13.59)	(19.16)	(11.83)	(13.23)	(10.94)
98	3410	Motor car	107.64	85.78	86.52	88.24	115.93	132.35	140.20	148.77
				(-14.22)	(0.86)	(1.98)	(31.39)	(14.16)	(5.93)	(6.12)
99	3430	Motor vehicles part & accessories	92.59	123.18	132.85	162.59	181.19	199.47	237.11	270.92
				(23.18)	(7.85)	(22.39)	(11.44)	(10.09)	(18.87)	(14.26)
<b>35 - Manufacture of Other Transport Equipment</b>			<b>83.24</b>	<b>134.52</b>	<b>170.12</b>	<b>199.50</b>	<b>227.42</b>	<b>284.73</b>	<b>327.38</b>	<b>352.58</b>
				(34.52)	(26.46)	(17.27)	(14.00)	(25.20)	(14.98)	(7.70)
100	3591	Motor Cycle	61.44	136.01	173.85	207.75	271.35	344.94	382.00	412.61
				(36.01)	(27.83)	(19.50)	(30.61)	(27.12)	(10.74)	(8.02)
101	3591	Parts & Accessories for M/ cycles, scooters & three wheelers	18.31	141.97	177.30	204.68	116.77	129.31	198.78	210.49
				(41.97)	(24.89)	(15.44)	(-42.95)	(10.74)	(53.72)	(5.89)
102	3592	Bi-cycles	3.49	69.34	66.72	27.05	34.57	40.21	40.60	41.25
				(-30.66)	(-3.78)	(-59.45)	(27.79)	(16.31)	(0.98)	(1.60)
<b>36 - Manufacture of furniture; manufacturing n.e.c.</b>			<b>4.27</b>	<b>115.93</b>	<b>111.42</b>	<b>120.28</b>	<b>113.56</b>	<b>112.61</b>	<b>99.89</b>	<b>105.39</b>
				(15.93)	(-3.89)	(7.95)	(-5.59)	(-0.84)	(-11.30)	(5.51)
103	3699	Albums	4.27	115.93	111.42	120.28	113.56	112.61	99.89	105.39
				(15.93)	(-3.88)	(7.95)	(-5.58)	(-0.84)	(-11.29)	(5.50)
104		Mining & Quarrying	18.83	104.38	99.88	96.24	62.80	73.31	74.75	81.65
				(4.38)	(-4.31)	(-3.65)	(-34.75)	(16.73)	(1.97)	(9.24)
105		Electricity	56.23	119.17	161.87	174.56	191.77	204.41	238.41	262.63
				(19.17)	(35.83)	(7.84)	(9.86)	(6.59)	(16.63)	(10.16)

\* Provisional

**0=100**

**2007-08**

**12**

**145.82**

**(5.64)**

117.78

(0.65)

208.81

(15.75)

55.27

(21.10)

101.16

(23.08)

129.62

(-4.73)

132.46

(17.28)

170.11

(6.27)

79.67

(1.66)

150.33

(13.46)

170.92

(30.11)

65.70

(-35.78)

**197.24**

**(9.14)**

258.00

(10.26)

106.10

**(5.24)**

**0=100**

**2007-08**

**12**

**139.16**

**(17.68)**

145.00

(0.88)

81.63

(3.59)

115.52

(-1.00)

75.01

(8.56)

182.83

(41.02)

**301.38**

**(12.67)**

329.85

(14.12)

165.12

(0.47)

**176.90**

**(5.49)**

175.40

(6.20)

233.23

(-5.92)

175.22

(2.68)

**147.79**

**(-9.87)**

147.79

**(-9.87)**

**0=100**

**2007-08**

**12**

**157.92**

**(2.80)**

162.11

(1.77)

152.40

(8.15)

148.73

(3.58)

**90.16**

**(-3.98)**

76.80

(-10.73)

98.11

(-0.47)

**86.84**

(10.89)

86.84

(10.89)

**141.10**

**(13.22)**

185.75

(14.54)

105.44

(5.64)

119.21

(2.12)

94.82

(14.81)

208.42

(21.87)

147.10

**(9.16)**

**0=100**

**2007-08**

**12**

**142.92**

**(3.24)**

86.74

(4.60)

470.00

(25.00)

130.26

(3.69)

130.08

(7.45)

110.00

(15.79)

174.11

(25.36)

277.89

(20.31)

72.41

(-62.77)

127.72

(3.78)

**164.99**

**(14.04)**

200.54

(25.72)

281.44

(19.70)

116.43

(8.30)

124.09

(12.03)

127.54

(5.43)

144.44

(12.06)

122.15



**0=100**

**2007-08**

**12**

**145.95**

**(10.52)**

168.60

(7.07)

155.54

(8.26)

114.05

(21.26)

143.54

(9.39)

112.78

(-13.09)

81.00

(10.52)

240.24

(22.36)

109.01

(3.89)

232.51

(9.17)

92.39

(2.41)

237.64

(10.16)

170.42

(9.16)

**145.93**

**(7.29)**

98.68

(-1.69)

211.63

(11.03)

330.62

(51.48)

**0=100**

**2007-08**

**12**

165.40

(12.59)

123.76

(6.21)

77.64

(4.36)

147.60

(2.83)

172.36

(11.30)

251.18

(13.35)

**152.10**

**(7.37)**

153.38

(17.65)

1045.00

(45.90)

161.35

(22.20)

138.51

(34.87)

283.93

(8.92)

70.60

(-12.68)

181.93

(9.71)

409.07

(6.73)

149.57

(69.90)

144.51





**0=100**

**2007-08**

**12**

**71.53**

**(1.98)**

71.53

(1.98)

**175.98**

**(8.70)**

272.73

(38.46)

227.80

(25.37)

296.42

(21.42)

52.99

(-55.38)

116.77

(-20.73)

116.15

(1.60)

133.90

(5.65)

147.15

(1.66)

59.74

(-30.83)

**290.44**

**(24.35)**

290.44

(24.35)

**0=100**

**2007-08**

**12**

**295.31**

**(18.06)**

241.68

(6.32)

328.85

(19.69)

120.54

(5.68)

**233.00**

**(13.52)**

166.91

(12.19)

309.82

(14.36)

**364.52**

**(3.38)**

427.86

(3.69)

213.09

(1.24)

43.82

(6.24)

**107.41**

**(1.92)**

107.41

(1.92)

**86.07**

**(5.40)**

**271.70**

**(3.45)**

**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.

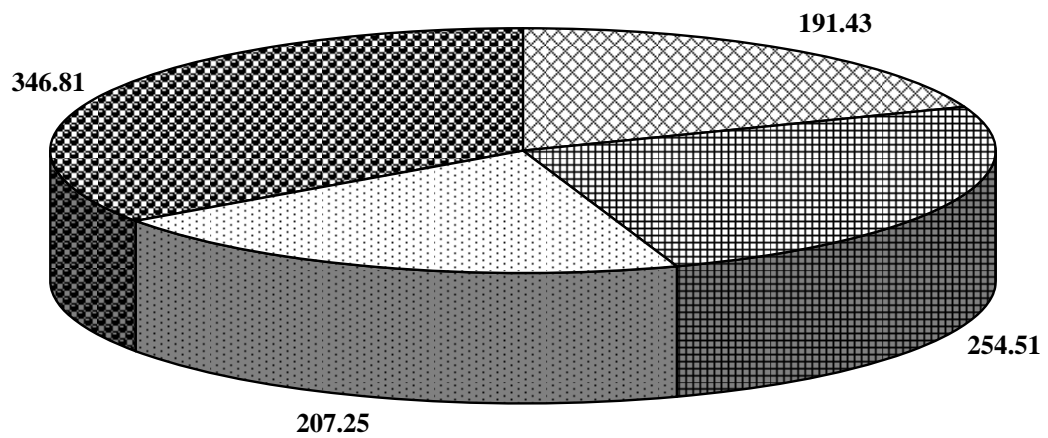
The share of each use-based industry group to the industry sector of the State and the number of industrial groups and items covered representing the use-based groups are as under: -

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

**Base Year 1999-2000**

<b>Sr. No.</b>	<b>Industry Group</b>	<b>Weight</b>	<b>Number of Items covered</b>	<b>Number of Industry Groups</b>
1.	Basic Goods Industries	191.43	20	10
2.	Capital Goods Industries	254.51	19	13
3.	Intermediate Goods Industries	207.25	23	16
4.	Consumer Goods Industries	346.81	43	31
	(a) Consumer Durable Goods	118.91	11	10
	(b) Consumer Non-Durable Goods	227.90	32	21
	<b>Total</b>	<b>1000.00</b>	<b>105</b>	<b>70</b>

**G-3.1 Index of Industrial Production in Haryana  
Weights of Industries at Use-Based Classification  
Base Year 1999-2000**



▣ 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 1999-2000=100

Sr. No	Industry Group	Weight	Index*							
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08
1	2	3	5	6	7	8	9	10	11	
1	Basic Goods Industries	191.43	108.92 (8.92)	121.47 (11.52)	128.18 (5.52)	132.14 (3.09)	136.42 (3.24)	148.25 (8.67)	159.42 (7.53)	171.22 (7.40)
2	Capital Goods Industries	254.51	93.43 (-6.57)	94.34 (0.97)	94.72 (0.40)	104.71 (10.55)	119.88 (14.49)	126.02 (5.12)	147.06 (16.70)	161.41 (9.76)
3	Intermediate Goods Industries	207.25	112.43 (12.43)	119.15 (5.98)	138.88 (16.56)	144.41 (3.98)	152.40 (5.53)	178.99 (17.45)	200.29 (11.90)	222.64 (11.16)
4	Consumer Goods Industries	346.81	110.33 (10.33)	122.16 (10.72)	134.19 (9.85)	154.87 (15.41)	174.79 (12.86)	190.28 (8.86)	209.19 (9.94)	226.41 (8.23)
	(a)Consumer Durable Goods	118.91	118.24 (18.24)	142.57 (20.58)	162.27 (13.82)	196.33 (20.99)	239.77 (22.13)	266.35 (11.09)	297.77 (11.80)	317.84 (6.74)
	(b)Consumer Non-Durable Goods	227.90	106.20 (6.20)	111.51 (5.00)	119.53 (7.19)	133.23 (11.46)	140.88 (5.74)	150.60 (6.90)	162.98 (8.22)	178.71 (9.65)
	<b>General IIP</b>	<b>1000.00</b>	<b>106.19 (6.19)</b>	<b>114.32 (7.66)</b>	<b>123.97 (8.44)</b>	<b>135.58 (9.37)</b>	<b>148.83 (9.77)</b>	<b>163.54 (9.88)</b>	<b>182.01 (11.29)</b>	<b>198.52 (9.07)</b>

\* Provisional

During the year 2007-08, Intermediate Goods Industries recorded the highest growth of 11.16 percent followed by capital goods industries 9.76 percent, consumer goods industries 8.23 percent and basic goods industries 7.40 percent.

#### A. Basic Goods Industries

Basic goods industries which has been assigned the weight of 191.43 recorded growth of 7.40 percent during the year 2007-08 as compared to the previous year. The index of this industry group rose from 159.42 in 2006-07 to 171.22 in 2007-08. Fertilizer, pesticides & insecticides, hot rolled/cold rolled sheet, stainless steel plate/flates/sheet, high carbon steel tubes & pipes, and generation of electricity are the major products in this group. These items have significantly effected the index of this group. Stainless steel, insecticides & pesticides, stainless



steel strips and hot rolled/cold rolled sheet recorded a notable increase during the year 2007-08. Index of iron/steel beams (girder) recorded negative growth over the previous year.

## **B. Capital Goods Industries**

The Index of Capital Goods Industries having weight of 254.51 increased from 147.06 in 2006-07 to 161.41 in 2007-08 showing an increase of 9.76 percent. Motor car, tractors, refrigerators ex-deep freezer, desert coolers, Ac motors, front dump loaders, switch gear & control gear/penal and insulated cable are major products of this group. Compressors recorded the highest growth of 69.90 percent followed by cranes 45.90 percent and electric motor starters 38.46 percent. Manufacturing of tractors, conductors, insulated cable and copper clad laminated sheet recorded negative growth. All other items have recorded the positive growth.

## **C. Intermediate Goods Industries**

The Intermediate Goods Industries carry a weight of 207.25. The Index of this industry group has increased from 200.29 in 2006-07 to 222.64 in 2007-08 recording an increase of 11.16 percent. Yarn, dyes & colors, cylinders, nut , bolt, screw & washers, core (ferrite), motor vehicle part & accessories and part & accessories of motor cycle, scooters and three wheelers are major products in this group. Aforesaid increase in the index is due to increase in the production of sheet glass, thermocol packing, glass bottles, asbestos corrugated sheet/joint and steel/tin containers etc. The manufacturing of glass sheet recorded the highest growth of 25.72 percent followed by thermocol packing 25.36 percent and glass bottles 19.70 percent during the year 2007-08 over the previous year. Ply wood/board, cylinders and woollen/shoddy yarn have recorded negative growth of 9.87 percent, 1.69 percent and 0.99 percent respectively.

## **D. Consumer Goods Industries**

Consumer Goods Industries has captured the weight of 346.81. This industry group has recorded the annual growth of 8.23 percent during the year 2007-08 as the index of this group increased from 209.19 in 2006-07 to 226.41 in 2007-08.

### **(a) Consumer Durable Goods Industries**

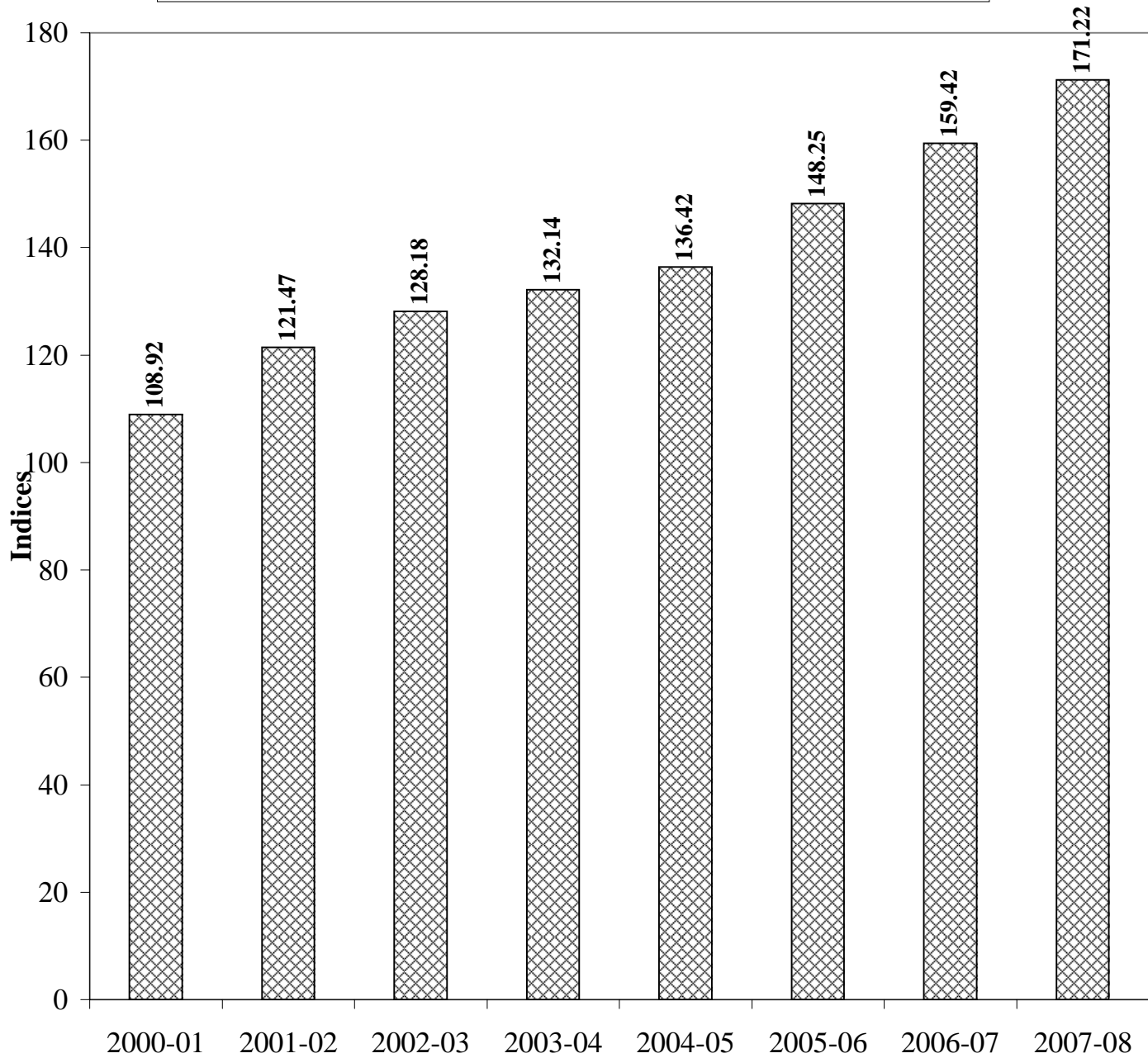
The Consumer Durable Goods Industries has been assigned the weight of 118.91. The Index of this industry group has increased from 297.77 in 2006-07 to 317.84 in 2007-08 recording annual growth of 6.74 percent. Motor cycles, tyre/tube, radio telephone system, head light glass and bicycles are the main products of this group. Manufacturing of rubber roll recorded the highest growth of 25.00 percent followed by radio telephone system 24.33 percent and electric switches 20.31 percent during the year 2007-08 as compared to previous year. The manufacturing of safety helmets recorded negative growth of 62.77 percent.

## **(b) Consumer Non -Durable Goods Industries**

The Consumer Non-Durable Goods Industries has been allotted the weight of 227.90. The Index of this industry group has increased from 162.98 in 2006-07 to 178.71 in 2007-08 and recorded growth of 9.65 percent as compared to previous year. Rice, ghee, vanaspati, atta, sugar, edible oils, readymade garments, leather shoes, rubber chappals and paper all kind are the major products of this group. The production of cotton carpet & durries recorded the highest growth of 41.02 percent followed by alcohol/liquor, (IMFL)- blended 30.11 percent and ghee 23.08 percent. Malt, skimmed, pasturised milk, canvas shoes, books and Journals/periodicals recorded negative growth.

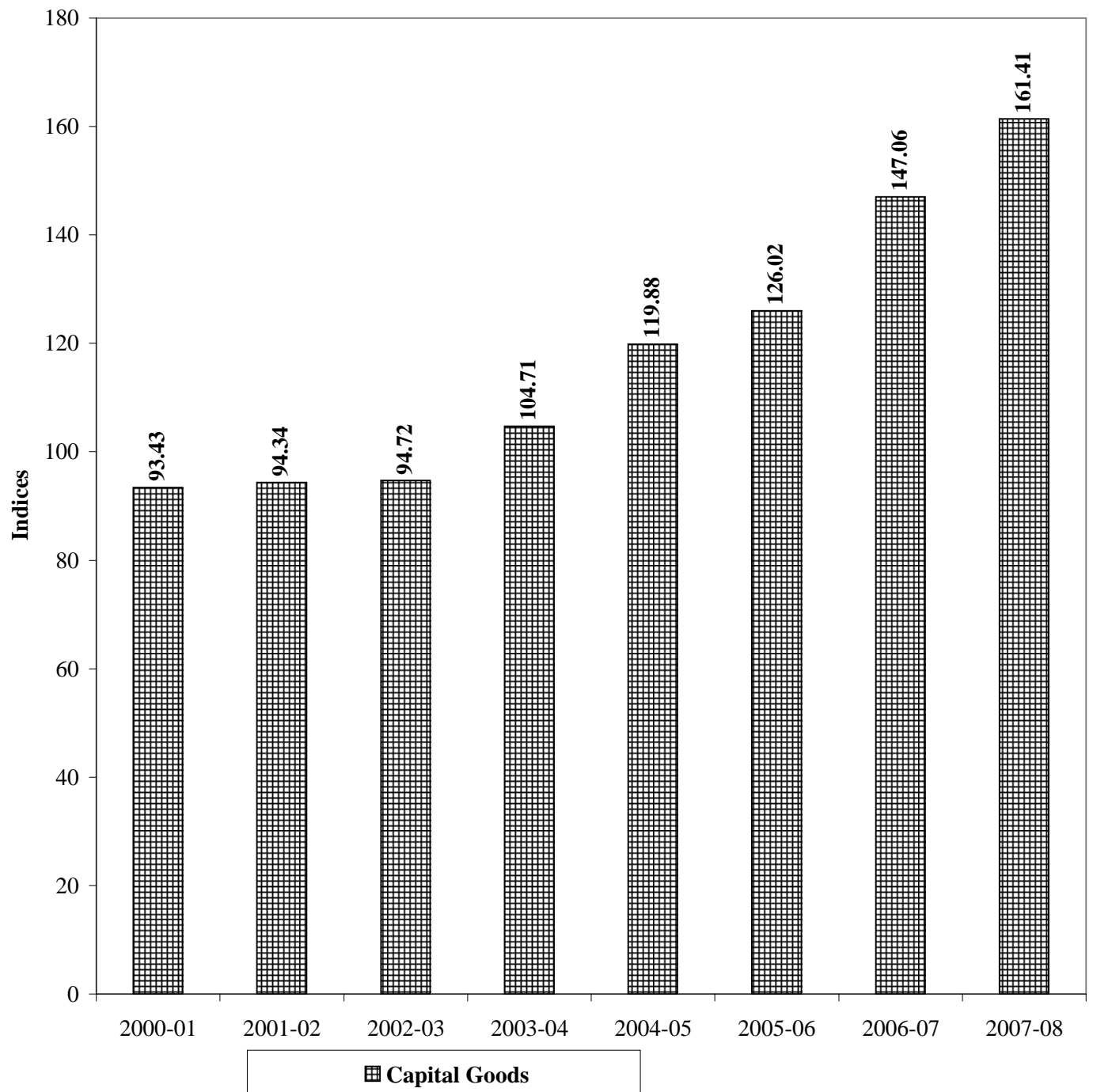
Index of Industrial Production according to Use-Based classification for the years 1999-00 to 2007-08 for Basic Goods Industries, Capital Goods Industries, Intermediate Goods Industries and Consumer Goods Industries (Durable and Non-durable Goods separately) has been represented in table No. 3.1.

**G-3.2 Index of Industrial Production in Haryana  
Basic Goods Industries  
Base Year 1999-2000**

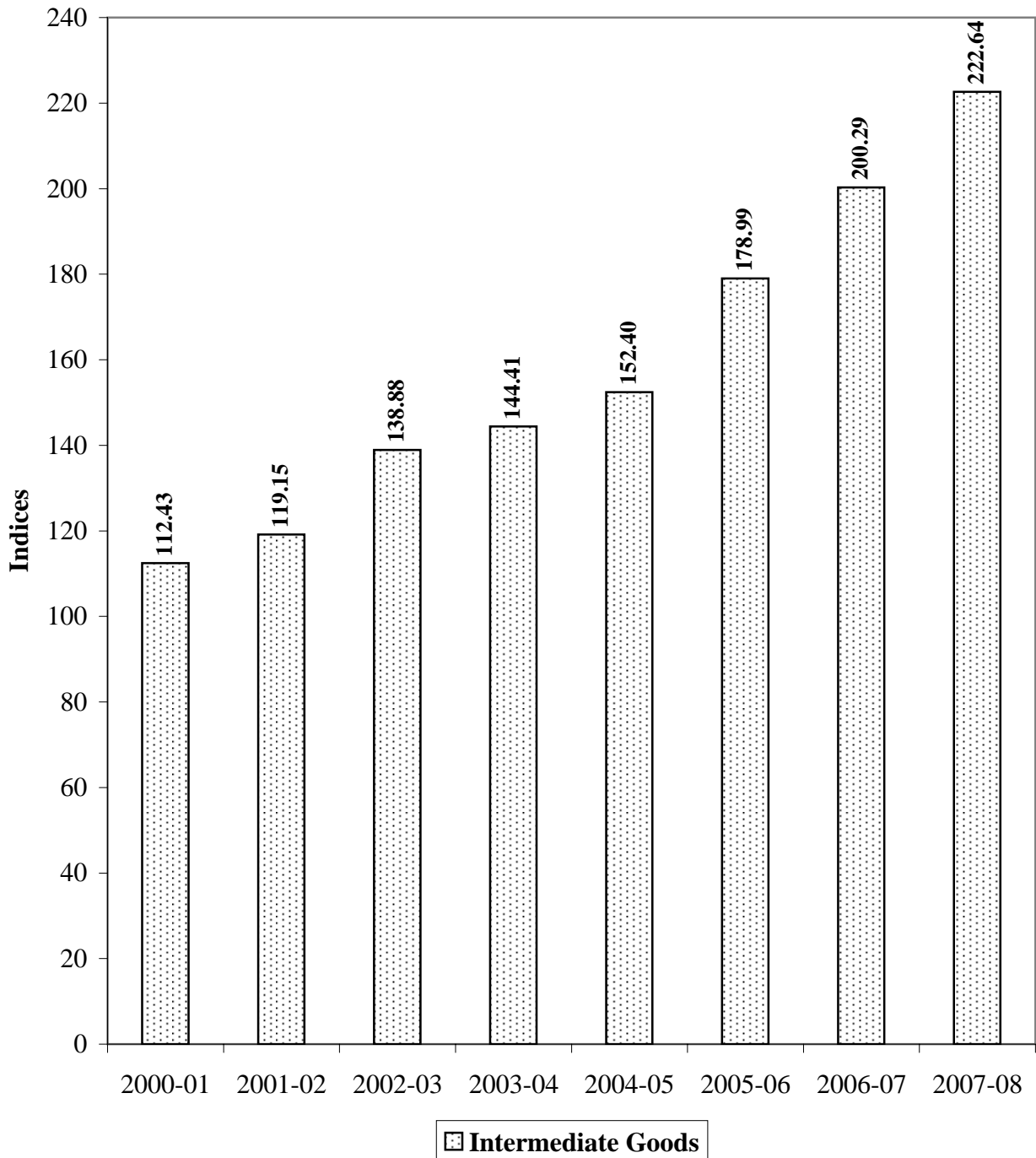


Basic Goods

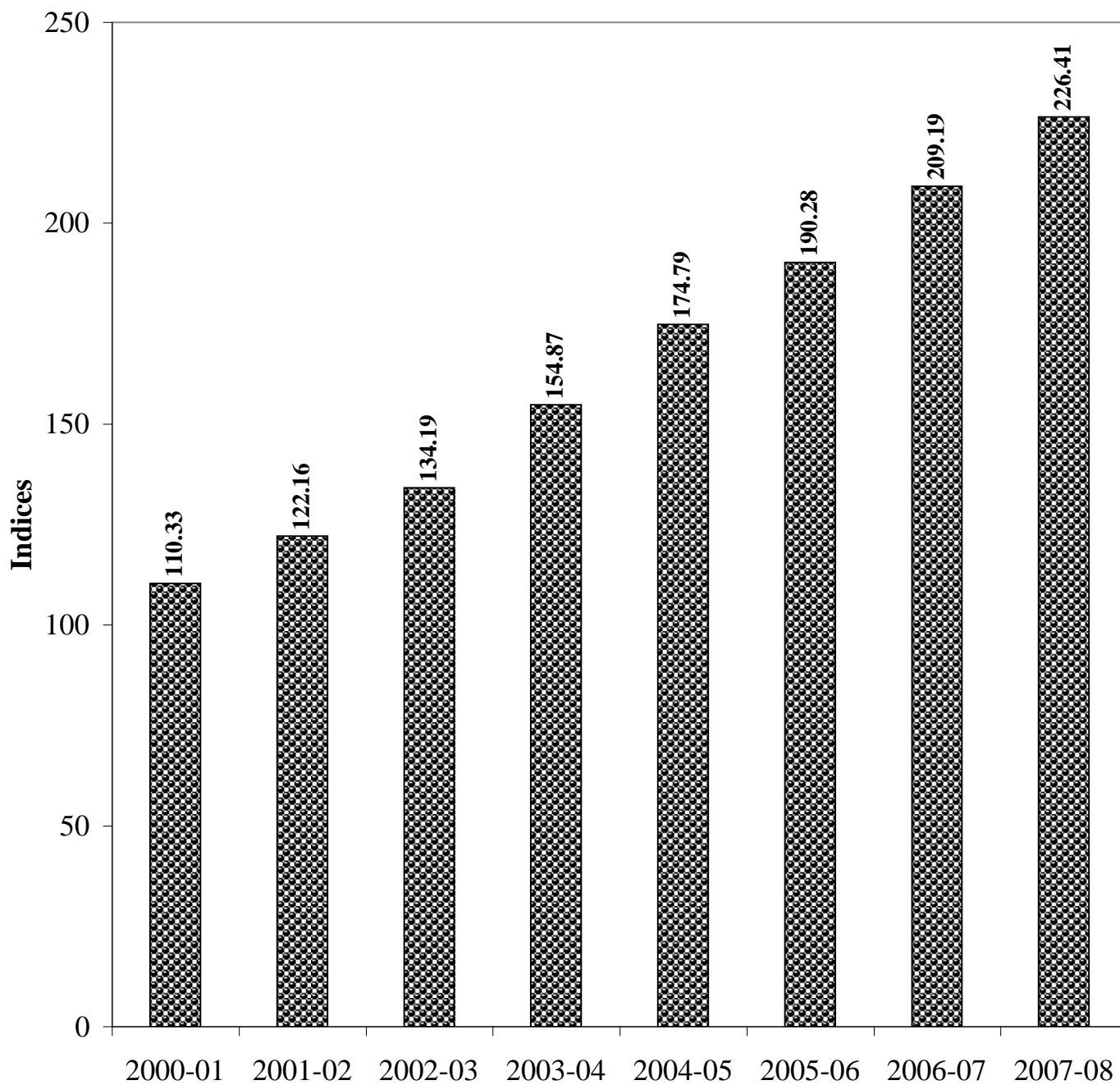
**G-3.3 Index of Industrial Production in Haryana  
Capital Goods Industries  
Base Year 1999-2000**



**G-3.4 Index of Industrial Production in Haryana  
Intermediate Goods Industries  
Base Year 1999-2000**

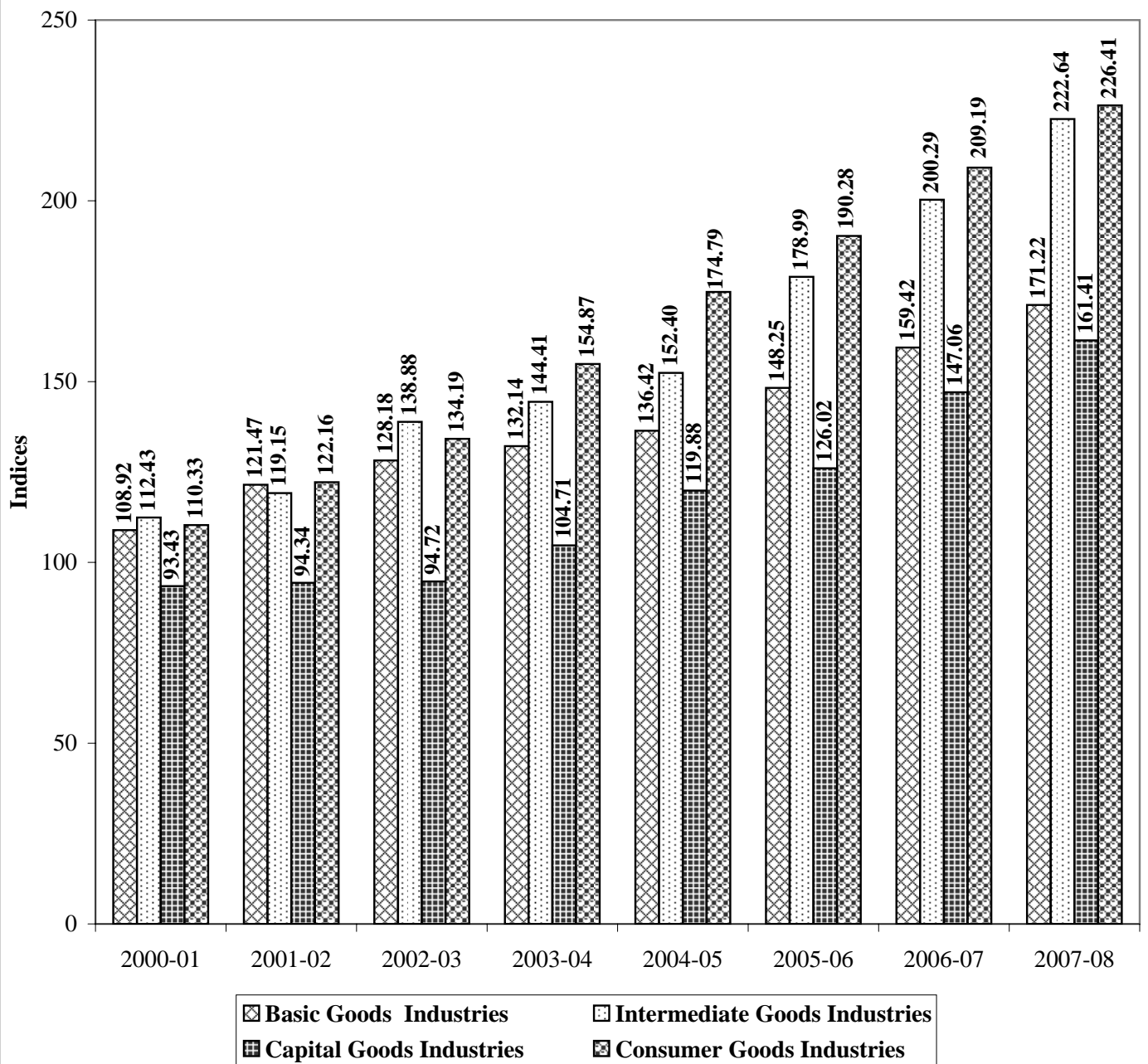


**G-3.5 Index of Industrial Production in Haryana  
Consumer Goods Industries  
Base Year 1999-2000**



 **Consumer Goods**

**G-3.6 Index of Industrial Production in Haryana  
for Each Class of Use-Based Industry  
Base Year 1999-2000**



**Table- 3.1(Contd.)**

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

Base year - 1999-2000									
NIC 98	Description	Weight	Index *						
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10
	<b>General IIP</b>	<b>1000.00</b>	<b>106.19</b>	<b>114.32</b>	<b>123.97</b>	<b>135.58</b>	<b>148.83</b>	<b>163.54</b>	<b>182.01</b>
			(6.19)	(7.66)	(8.44)	(9.37)	(9.77)	(9.88)	(11.29)
<b>A</b>	<b>Basic Goods Industries</b>	<b>191.43</b>	<b>108.92</b>	<b>121.47</b>	<b>128.18</b>	<b>132.14</b>	<b>136.42</b>	<b>148.25</b>	<b>159.42</b>
			(8.92)	(11.52)	(5.52)	(3.09)	(3.24)	(8.67)	(7.53)
2320	Fuel, aviation turbine	0.80	104.06	121.61	99.76	131.03	97.16	71.32	78.31
			(4.06)	(16.86)	(-17.97)	(31.35)	(-25.85)	(-26.59)	(9.79)
2412	Fertilizer	13.45	100.56	113.51	109.01	99.44	100.38	94.56	99.81
			(0.56)	(12.87)	(-3.97)	(-8.78)	(0.94)	(-5.79)	(5.56)
2412	Acid, sulphuric (incloleum)	2.54	93.43	99.90	101.66	107.24	111.63	115.27	116.73
			(-6.57)	(6.93)	(1.76)	(5.49)	(4.09)	(3.25)	(1.27)
2421	Insecticides	8.30	89.83	91.08	96.74	107.05	98.13	86.86	82.59
			(-10.17)	(1.39)	(6.21)	(10.66)	(-8.33)	(-11.49)	(-4.91)
2421	Pesticides	8.26	101.19	107.82	116.77	132.04	138.75	151.12	171.01
			(1.19)	(6.55)	(8.29)	(13.08)	(5.08)	(8.92)	(13.17)
2692	Tiles, ceramics	3.74	99.95	90.03	91.16	95.24	97.09	97.55	110.77
			(-0.05)	(-9.93)	(1.26)	(4.48)	(1.94)	(0.47)	(13.55)
2710	Bar, rods & rounds, iron/steel.	3.23	100.35	122.24	106.15	115.25	121.13	139.63	157.47
			(0.35)	(21.81)	(-13.16)	(8.57)	(5.11)	(15.27)	(12.77)
2710	Hot rolled/cold rolled sheet	22.07	110.46	114.53	121.80	128.02	130.33	137.91	143.68
			(10.46)	(3.69)	(6.35)	(5.10)	(1.81)	(5.82)	(4.18)
2710	Plates/flates/sheet, Stainless steel.	12.55	97.84	80.00	81.08	85.41	86.49	87.03	94.05
			(-2.16)	(-18.23)	(1.35)	(5.33)	(1.27)	(0.63)	(8.07)
2710	Pipes, tubes & poles, steel/Stainless steel	8.53	111.16	111.85	121.13	117.91	120.95	126.24	131.22
			(11.16)	(0.63)	(8.29)	(-2.66)	(2.58)	(4.37)	(3.94)
2710	Beams (girder), iron/steel	1.80	112.17	113.98	115.94	93.69	95.38	114.95	129.76
			(12.17)	(1.61)	(1.71)	(-19.19)	(1.80)	(20.53)	(12.88)
2710	Tubes & pipes, high carbon steel	10.47	117.20	91.25	124.71	125.67	104.76	94.06	73.29
			(17.20)	(-22.14)	(36.66)	(0.77)	(-16.64)	(-10.21)	(-22.08)
2710	Strips,Stainless steel	4.95	120.12	143.90	143.29	161.59	164.02	175.61	196.34
			(20.12)	(19.80)	(-0.42)	(12.77)	(1.51)	(7.06)	11.81)
2710	Sheets / strips, rods, brass	7.71	102.79	103.25	105.48	105.86	108.31	109.03	104.93
			(2.79)	(0.46)	(2.15)	(0.36)	(2.32)	(0.66)	(-3.77)



**Table- 3.1(Contd.)**

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

NIC 98	Description	Weight	Index *						
			Base year - 1999-2000						
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10
2731	Casting body	4.07	103.88 (3.88)	103.49 (-0.38)	104.39 (0.87)	109.07 (4.48)	109.48 (0.37)	136.42 (24.61)	156.12 (14.44)
2891	Stainless steel	0.36	95.79 (-4.21)	141.01 (47.21)	143.26 (1.59)	146.91 (2.55)	149.16 (1.53)	192.13 (28.81)	218.26 (13.60)
2891	Casting & forging, iron /steel	3.03	97.49 (-2.51)	110.16 (12.99)	114.13 (3.60)	112.55 (-1.38)	111.22 (-1.18)	115.89 (4.19)	146.90 (26.76)
2899	Sheets & plates, iron / steel	0.51	97.15 (-2.85)	106.89 (10.02)	111.33 (4.16)	130.97 (17.64)	135.70 (3.61)	137.04 (0.98)	154.86 (13.01)
1	Mining & Quarrying	18.83	104.38 (4.38)	99.88 (-4.31)	96.24 (-3.65)	62.80 (-34.75)	73.31 (16.73)	74.75 (1.97)	81.65 (9.24)
4	Electricity	56.23	119.17 (19.17)	161.87 (35.83)	174.56 (7.84)	191.77 (9.86)	204.41 (6.59)	238.41 (16.63)	262.63 (10.16)
<b>B</b>	<b>Capital Goods Industries</b>	<b>254.51</b>	<b>93.43</b> (-6.57)	<b>94.34</b> (0.97)	<b>94.72</b> (0.40)	<b>104.71</b> (10.55)	<b>119.88</b> (14.49)	<b>126.02</b> (5.12)	<b>147.06</b> (16.70)
2893	Tools	1.74	102.69 (2.69)	100.48 (-2.15)	101.05 (0.56)	99.59 (-1.45)	68.39 (-31.32)	65.59 (-4.10)	74.39 (13.42)
2913	Cylinders, engine	4.05	104.33 (4.33)	102.80 (-1.46)	103.53 (0.71)	88.19 (-14.82)	92.85 (5.28)	104.89 (12.96)	130.37 (24.29)
2915	Cranes	1.56	131.50 (31.50)	124.00 (-5.70)	163.50 (31.85)	233.50 (42.81)	323.75 (38.65)	617.50 (90.73)	716.25 (15.99)
2919	Desert coolers	9.68	111.43 (11.43)	101.77 (-8.67)	100.97 (-0.79)	79.71 (-21.05)	84.22 (5.66)	96.94 (15.11)	132.05 (36.21)
2919	Packing machine	3.80	61.49 (-38.51)	74.32 (20.88)	67.57 (-9.09)	65.54 (-3.00)	66.89 (2.06)	92.57 (38.38)	102.70 (10.95)
2919	Fuel filters	4.62	111.54 (11.54)	104.41 (-6.39)	105.38 (0.93)	144.95 (37.56)	170.45 (17.59)	171.06 (0.35)	260.66 (52.38)
2921	Tractors	58.81	88.88 (-11.12)	81.41 (-8.40)	73.43 (-9.81)	44.54 (-39.35)	54.78 (23.00)	54.50 (-0.52)	80.85 (48.35)
2921	Part & accessories for agri./forestry machinery	4.79	84.31 (-15.69)	81.79 (-2.99)	85.15 (4.11)	143.56 (68.59)	136.55 (-4.88)	150.14 (9.95)	165.83 (10.45)
2924	Wheel MTD. front dump loader	10.77	135.96 (35.96)	169.91 (24.97)	157.31 (-7.42)	221.32 (40.70)	279.40 (26.24)	249.71 (-10.63)	383.27 (53.49)

**Table- 3.1(Contd.)**

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

NIC 98	Description	Weight	Index *						
			Base year - 1999-2000						
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10
2930	Compressors	5.46	109.40 (9.40)	68.38 (-37.50)	75.21 (10.00)	58.12 (-22.73)	67.52 (16.18)	76.07 (12.66)	88.03 (15.73)
2930	Refrigerators Ex. Deep freezer	19.50	103.05 (3.05)	115.45 (12.03)	121.54 (5.28)	119.31 (-1.84)	137.80 (15.50)	142.89 (3.69)	141.26 (-1.14)
3110	Electric motors starters	1.03	100.00 (0.00)	103.03 (3.03)	103.03 (0.00)	130.30 (26.47)	151.52 (16.28)	169.70 (12.00)	196.97 (16.07)
3110	A.C Motor	5.49	101.70 (1.70)	127.86 (25.73)	164.53 (28.68)	194.59 (18.27)	183.58 (-5.66)	161.38 (-12.09)	181.70 (12.59)
3120	Switch gears & control gear/panel	6.00	103.43 (3.43)	110.77 (7.10)	127.90 (15.46)	153.36 (19.90)	180.28 (17.55)	221.00 (22.59)	244.12 (10.46)
3130	Conductors	0.22	103.15 (3.15)	113.43 (9.97)	124.47 (9.73)	115.46 (-7.24)	113.64 (-1.58)	115.98 (2.06)	118.77 (2.40)
3130	Cable insulated	5.19	99.40 (-0.60)	104.19 (4.82)	104.79 (0.57)	111.98 (6.86)	111.38 (-0.53)	126.95 (13.98)	147.31 (16.04)
3190	Laminated sheets, copper clad	2.71	90.91 (-9.09)	131.17 (44.29)	125.97 (-3.96)	122.08 (-3.09)	156.49 (28.19)	124.68 (-20.33)	86.36 (-30.73)
3320	Microscope	1.45	97.82 (-2.18)	93.63 (-4.28)	102.34 (9.29)	131.99 (29.98)	134.21 (1.68)	120.70 (-10.07)	114.06 (-5.50)
3410	Motor car	107.64	85.78 (-14.22)	86.52 (0.86)	88.24 (1.98)	115.93 (31.39)	132.35 (14.16)	140.20 (5.93)	148.77 (6.12)
<b>C</b>	<b>Intermediates Goods Industries</b>	<b>207.25</b>	<b>112.43</b> <b>(12.43)</b>	<b>119.15</b> <b>(5.98)</b>	<b>138.88</b> <b>(16.56)</b>	<b>144.41</b> <b>(3.98)</b>	<b>152.40</b> <b>(5.53)</b>	<b>178.99</b> <b>(17.45)</b>	<b>200.29</b> <b>(11.90)</b>
1711	Yarn,cotton	10.00	99.55 (-0.45)	108.62 (9.11)	117.08 (7.79)	120.89 (3.25)	126.86 (4.94)	142.23 (12.12)	143.73 (1.06)
1711	Yarn, synthetic/ polyester	6.53	98.13 (-1.87)	85.95 (-12.41)	86.88 (1.08)	89.30 (2.79)	85.25 (-4.54)	82.36 (-3.39)	78.80 (-4.32)
1711	Yarn, woollen/ shoddy	2.33	102.21 (2.21)	91.93 (-10.05)	91.77 (-0.18)	122.98 (34.02)	112.49 (-8.54)	110.39 (-1.87)	116.69 (5.71)
2021	Ply wood /board	1.10	117.28 (17.28)	139.34 (18.81)	158.46 (13.72)	168.01 (6.03)	175.37 (4.38)	183.82 (4.82)	163.97 (-10.80)
2411	Dyes & colors	7.77	93.78 (-6.22)	92.75 (-1.10)	117.10 (26.26)	128.24 (9.51)	118.91 (-7.27)	118.65 (-0.22)	162.18 (36.68)

**Table- 3.1(Contd.)**

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

NIC 98	Description	Weight	Base year - 1999-2000						
			Index *						
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10
2520	Thermocoles, boxes	1.04	90.00 (-10.00)	100.00 (11.11)	110.00 (10.00)	122.00 (10.91)	137.00 (12.30)	88.00 (-35.77)	95.00 (7.95)
2520	Thermocoles packings	1.50	97.78 (-2.22)	106.67 (9.09)	96.11 (-9.90)	111.22 (15.72)	83.33 (-25.07)	86.11 (3.33)	138.89 (61.29)
2520	Film, PVC	3.78	99.11 (-0.89)	106.65 (7.61)	117.29 (9.98)	105.32 (-10.21)	113.75 (8.00)	118.85 (4.48)	123.06 (3.54)
2610	Sheet glass	3.30	101.63 (1.63)	103.26 (1.60)	102.45 (-0.79)	92.66 (-9.55)	104.08 (12.32)	107.61 (3.39)	159.51 (48.23)
2610	Glass bottles	4.10	113.12 (13.12)	120.36 (6.40)	144.90 (20.39)	160.99 (11.11)	174.94 (8.66)	191.03 (9.19)	235.12 (23.08)
2691	Sanitary ware, porcelain	2.72	108.29 (8.29)	106.42 (-1.73)	99.37 (-6.62)	99.84 (0.47)	100.00 (0.16)	107.28 (7.28)	107.51 (0.22)
2693	Building bricks	1.62	100.86 (0.86)	106.08 (5.17)	105.75 (-0.32)	114.82 (8.58)	95.49 (-16.84)	120.44 (26.13)	120.96 (0.43)
2695	Asbestos corrugated sheet/joints	1.47	97.78 (-2.22)	112.22 (14.77)	118.89 5.94	127.78 (7.48)	133.33 (4.35)	141.11 (5.83)	128.89 (-8.66)
2699	Fibre glass sheet /board	5.11	101.32 (1.32)	105.74 (4.36)	108.39 (2.51)	117.72 (8.60)	127.22 (8.07)	129.72 (1.96)	119.16 (-8.14)
2710	Tape, steel	2.19	112.64 (12.64)	113.88 (1.10)	119.19 (4.66)	141.65 (18.84)	154.06 (8.76)	189.16 (22.78)	212.98 (12.59)
2720	Copper strip, electrolytic	5.35	116.29 (16.29)	133.15 (14.49)	156.74 (17.72)	180.34 (15.05)	203.37 (12.77)	209.27 (2.90)	215.73 (3.09)
2812	Cylinders	6.57	110.59 (10.59)	106.24 (-3.93)	104.73 (-1.42)	99.43 (-5.05)	104.16 (4.75)	108.70 (4.36)	100.38 (-7.65)
2812	Containers, steel/ tin	3.33	116.12 (16.12)	141.02 (21.44)	143.27 (1.59)	146.94 (2.56)	148.57 (1.11)	169.59 (14.15)	190.61 (12.39)
2899	Nuts, bolts, screws & washers	5.43	107.01 (7.01)	85.61 (-20.00)	88.56 (3.45)	102.58 (15.83)	119.93 (16.91)	128.41 (7.08)	143.54 (11.78)
2899	Electrical stamping lamination	1.21	82.40 (-17.60)	104.54 (26.87)	113.79 (8.85)	132.85 (16.75)	159.71 (20.22)	198.73 (24.43)	221.60 (11.51)
3000	Core ( ferrite )	19.90	68.75	51.39	63.19	86.11	53.47	62.50	70.14

(-31.25) (-25.25) (22.97) (36.26) (-37.90) (16.88) (12.22)

**Table- 3.1(Contd.)**

**Use-based classification of Index of Industrial Production in Haryana at item 1e**

NIC 98	Description	Weight	Base year - 1999-2000						
			Index *						
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10
3430	Motor vehicles part & accessories	92.59	123.18 (23.18)	132.85 (7.85)	162.59 (22.39)	181.19 (11.44)	199.47 (10.09)	237.11 (18.87)	270.92 (14.26)
3591	Parts & Accessories for M/ cycles, scooters & three wheelers	18.31	141.97 (41.97)	177.30 (24.89)	204.68 (15.44)	116.77 (-42.95)	129.31 (10.74)	198.78 (53.72)	210.49 (5.89)
<b>D</b>	<b>Consumer Goods Industries</b>	<b>346.81</b>	<b>110.33</b> <b>(10.33)</b>	<b>122.16</b> <b>(10.72)</b>	<b>134.19</b> <b>(9.85)</b>	<b>154.87</b> <b>(15.41)</b>	<b>174.79</b> <b>(12.86)</b>	<b>190.28</b> <b>(8.86)</b>	<b>209.19</b> <b>(9.94)</b>
<b>(a)</b>	<b>Durable Goods Industries</b>	<b>118.91</b>	<b>118.24</b> <b>(18.24)</b>	<b>142.57</b> <b>(20.58)</b>	<b>162.27</b> <b>(13.82)</b>	<b>196.33</b> <b>(20.99)</b>	<b>239.77</b> <b>(22.13)</b>	<b>266.35</b> <b>(11.09)</b>	<b>297.77</b> <b>(11.80)</b>
2511	Tyre/tube	9.77	92.15 (-7.85)	82.09 (-10.92)	92.61 (12.81)	90.09 (-2.72)	92.00 (2.12)	83.46 (-9.28)	82.93 (-0.64)
2519	Roll, rubber	1.40	104.00 (4.00)	108.00 (3.85)	126.00 (16.67)	196.00 (55.56)	210.00 (7.14)	206.00 (-1.90)	376.00 (82.52)
2520	Switches, electric	2.86	95.97 (-4.03)	100.00 (4.20)	128.10 (28.10)	131.28 (2.48)	155.36 (18.35)	200.85 (29.28)	230.99 (15.00)
2520	Helmet, safety	2.52	101.38 (1.38)	136.55 (34.69)	135.17 (-1.01)	171.03 (26.53)	180.69 (5.65)	215.86 (19.47)	194.48 (-9.90)
2893	Utencils all types	2.93	95.66 (-4.34)	101.03 (5.62)	112.19 (11.04)	115.29 (2.76)	119.63 (3.76)	120.87 (1.04)	116.53 (-3.59)
3150	Head light glass	5.52	133.83 (33.83)	144.26 (7.79)	148.58 (3.00)	146.43 (-1.45)	151.25 (3.29)	154.17 (1.93)	126.74 (-17.79)
3190	Lamps, auto/miniature	4.28	98.50 (-1.50)	106.31 (7.93)	75.38 (-29.10)	36.94 (-51.00)	56.16 (52.03)	54.05 (-3.76)	144.74 (167.78)
3220	Radio telephone system	24.01	97.92 (-2.08)	116.94 (19.42)	127.24 (8.81)	131.33 (3.22)	147.21 (12.09)	177.31 (20.45)	233.56 (31.72)
3311	Needle Holder, Surgical	0.69	136.72 (36.72)	145.03 (6.08)	177.57 (22.44)	194.07 (9.29)	180.59 (-6.94)	208.34 (15.37)	227.31 (9.10)
3591	Motor Cycle	61.44	136.01 (36.01)	173.85 (27.83)	207.75 (19.50)	271.35 (30.61)	344.94 (27.12)	382.00 (10.74)	412.61 (8.02)
3592	Bi-cycles	3.49	69.34 (-30.66)	66.72 (-3.78)	27.05 (-59.45)	34.57 (27.79)	40.21 (16.31)	40.60 (0.98)	41.25 (1.60)
<b>(b)</b>	<b>Non-Durable Goods Industries</b>	<b>227.90</b>	<b>106.20</b> <b>(6.20)</b>	<b>111.51</b> <b>(5.00)</b>	<b>119.53</b> <b>(7.19)</b>	<b>133.23</b> <b>(11.46)</b>	<b>140.88</b> <b>(5.74)</b>	<b>150.60</b> <b>(6.90)</b>	<b>162.98</b> <b>(8.22)</b>
1514	Vanaspati	3.43	104.04	102.15	104.36	114.76	121.53	117.73	117.01

(4.04) (-1.81) (2.16) (9.97) (5.89) (-3.13) (-0.60)

---

**Table- 3.1(Contd.)**

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

NIC 98	Description	Weight	Base year - 1999-2000						
			Index *						
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10
1514	Edible oil	2.31	127.82 (27.82)	126.55 (-1.00)	120.20 (-5.02)	148.55 (23.59)	164.67 (10.85)	148.83 (-9.62)	180.40 (21.21)
1520	Powder milk	0.90	99.42 (-0.58)	72.62 (-26.96)	65.89 (-9.26)	63.83 (-3.13)	40.11 (-37.17)	41.58 (3.66)	45.64 (9.76)
1520	Ghee	1.33	74.14 (-25.86)	76.31 (2.93)	83.03 (8.80)	74.88 (-9.81)	73.00 (-2.52)	71.78 (-1.67)	82.19 (14.50)
1520	Milk, Skimmed, Pasturised	0.50	103.25 (3.25)	106.32 (2.97)	111.60 (4.96)	121.81 (9.15)	121.61 (-0.17)	128.46 (5.64)	136.05 (5.91)
1531	Atta/maida/sooji	5.12	104.08 (4.08)	106.28 (2.11)	110.44 (3.92)	110.48 (0.03)	112.45 (1.78)	113.70 (1.11)	112.95 (-0.66)
1531	Rice	68.59	106.55 (6.55)	111.29 (4.44)	119.48 (7.36)	128.93 (7.91)	130.64 (1.33)	144.75 (10.80)	160.08 (10.60)
1541	Biscuit, cookies	15.28	118.97 (18.97)	111.36 (-6.39)	99.01 (-11.09)	91.51 (-7.58)	93.69 (2.38)	86.93 (-7.21)	78.36 (-9.85)
1542	Sugar	7.78	115.00 (15.00)	138.11 (20.10)	142.12 (2.91)	149.16 (4.95)	133.94 (-10.20)	130.03 (-2.92)	132.49 (1.89)
1551	Alcohol /Liquour, (IMFL) blended	3.52	99.29 (-0.71)	105.05 (5.79)	107.24 (2.09)	115.38 (7.60)	105.17 (-8.85)	116.29 (10.57)	131.36 (12.96)
1553	Malt	7.62	72.68 (-27.32)	72.26 (-0.58)	83.63 (15.73)	86.63 (3.59)	85.97 (-0.76)	95.97 (11.63)	102.31 (6.61)
1600	Katachu (katha/khair)	0.27	140.00 (40.00)	166.00 (18.57)	152.00 (-8.43)	178.00 (17.11)	174.00 (-2.25)	208.00 (19.54)	234.00 (12.50)
1600	Tobacco, chewing (scented or not)	0.18	102.44 (2.44)	92.28 (-9.92)	86.59 (-6.17)	95.53 (10.33)	72.76 (-23.83)	68.70 (-5.59)	100.81 (46.75)
1712	Handloom cloth, cotton	2.80	103.00 (3.00)	78.75 (-23.54)	90.85 (15.37)	95.45 (5.06)	85.01 (-10.94)	69.98 (-17.69)	69.10 (-1.25)
1722	Carpet cotton & durries	12.64	77.86 (-22.14)	79.44 (2.04)	84.52 (6.39)	85.56 (1.22)	95.16 (11.22)	109.43 (15.00)	129.65 (18.48)
1810	Ready made garments	29.48	110.94 (10.94)	117.84 (6.21)	139.38 (18.28)	188.17 (35.01)	233.20 (23.93)	262.60 (12.61)	289.04 (10.07)
1810	Leather garments & jackets	6.16	107.75 (7.75)	117.05 (8.63)	124.03 (5.96)	136.43 (10.00)	151.16 (10.80)	158.14 (4.62)	164.34 (3.92)
1920	Leather shoes	19.06	108.08 (8.08)	117.62 (8.83)	124.81 (6.12)	137.10 (9.85)	151.64 (10.61)	158.67 (4.63)	165.17 (4.10)
1920	Shoes, canvas	0.55	274.27	294.60	295.56	254.27	311.29	262.30	247.90

---

(174.27) (7.41) (0.33) (-13.97) (22.42) (-15.74) (-5.49)



**Table- 3.1(Concl.)****Use-based classification of Index of Industrial Production in Haryana at item le**

NIC 98	Description	Weight	Base year - 1999-2000						
			Index *						
			2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
1	2	3	4	5	6	7	8	9	10
1920	Rubber chappels	1.37	119.15 (19.15)	129.45 (8.64)	153.23 (18.37)	171.08 (11.64)	157.19 (-8.12)	160.22 (1.93)	170.65 (6.51)
2021	Paper all kind	5.90	100.90 (0.90)	111.20 (10.21)	115.04 (3.45)	121.12 (5.29)	130.11 (7.42)	144.58 (11.13)	159.30 (10.18)
2102	Boxes, corrugated sheet	0.97	105.24 (5.24)	106.69 (1.38)	97.87 (-8.27)	105.75 (8.05)	121.01 (14.43)	129.51 (7.02)	140.92 (8.82)
2102	Cartons / boxes, paper	2.11	104.12 (4.12)	116.02 (11.42)	149.22 (28.62)	173.75 (16.44)	154.90 (-10.85)	133.70 (-13.69)	143.59 (7.40)
2212	Books	2.03	96.44 (-3.56)	72.96 (-24.34)	74.92 (2.38)	77.04 (2.84)	93.93 (21.91)	88.59 (-5.68)	86.03 (-2.90)
2212	Journals / periodicals	3.41	89.59 (-10.41)	91.33 (1.94)	87.02 (-4.72)	94.40 (8.48)	93.68 (-0.76)	95.53 (1.97)	98.58 (3.19)
2424	Soaps & detergents	2.71	124.09 (24.09)	151.98 (22.48)	155.18 (2.11)	207.16 (33.50)	123.32 (-40.47)	123.48 (0.12)	134.76 (9.14)
2519	Foot wear, rubber (Excl. boot)	1.02	103.94 (3.94)	127.56 (22.73)	153.45 (20.30)	152.64 (-0.53)	169.31 (10.92)	170.06 (0.45)	125.62 (-26.13)
2519	Sports goods, rubber	4.63	106.02 (6.02)	109.77 (3.55)	114.29 (4.11)	118.80 (3.95)	118.05 (-0.63)	119.55 (1.27)	121.05 (1.26)
2710	Blade,Stainless steel	1.60	113.04 (13.04)	114.13 (0.96)	119.57 (4.76)	131.52 (10.00)	155.43 (18.18)	80.43 (-48.25)	90.22 (12.16)
3150	Bulbs & tubes	1.70	110.27 (10.27)	118.17 (7.17)	119.28 (0.93)	113.07 (-5.20)	123.69 (9.39)	128.81 (4.14)	114.33 (-11.24)
3311	Syringess all types	8.66	115.67 (15.67)	143.23 (23.82)	165.24 (15.37)	204.32 (23.65)	205.70 (0.67)	234.61 (14.06)	274.75 (17.11)
3699	Albums	4.27	115.93 (15.93)	111.42 (-3.88)	120.28 (7.95)	113.56 (-5.58)	112.61 (-0.84)	99.89 (-11.29)	105.39 (5.50)

\* Provisional

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

avel

0=100

2007-08

11

198.52  
(9.07)

171.22  
(7.40)

86.84  
(10.89)

105.44  
(5.64)

119.21  
(2.12)

94.82  
(14.81)

208.42  
(21.87)

124.09  
(12.03)

168.60  
(7.07)

155.54  
(8.26)

114.05  
(21.26)

143.54  
(9.39)

112.78  
(-13.09)

81.00  
(10.52)

240.24  
(22.36)

109.01  
(3.89)

avel

00=100

**2007-08**

11

170.42  
(9.16)

330.62  
(51.48)

165.40  
(12.59)

172.36  
(11.30)

86.07  
(5.40)

271.70  
(3.45)

**161.41**  
(9.76)

77.64  
(4.36)

153.38  
(17.65)

1045.00  
(45.90)

161.35  
(22.20)

138.51  
(34.87)

283.93  
(8.92)

70.60  
(-12.68)

181.93  
(9.71)

409.07  
(6.73)

avel

0=100

**2007-08**

11

149.57  
(69.90)

144.51  
(2.30)

272.73  
(38.46)

227.80  
(25.37)

296.42  
(21.42)

52.99  
(-55.38)

116.77  
(-20.73)

59.74  
(-30.83)

120.54  
(5.68)

166.91  
(12.19)

**222.64**  
**(11.16)**

145.00  
(0.88)

81.63  
(3.59)

115.52  
(-1.00)

147.79  
(-9.87)

185.75  
(14.54)

avel

100

**2007-08**

**11**

110.00  
(15.79)

174.11  
(25.36)

127.72  
(3.78)

200.54  
(25.72)

281.44  
(19.70)

116.43  
(8.30)

127.54  
(5.43)

144.44  
(12.06)

122.15  
(2.50)

232.51  
(9.17)

237.64  
(10.16)

98.68  
(-1.69)

211.63  
(11.03)

147.60  
(2.83)

251.18  
(13.35)

71.53



avel

)=100

**2007-08**

**11**

309.82  
(14.36)

213.09  
(1.24)

**226.41**  
**(8.23)**

**317.84**  
**(6.74)**

86.74  
(4.60)

470.00  
(25.00)

277.89  
(20.31)

72.41  
(-62.77)

123.76  
(6.21)

133.90  
(5.65)

147.15  
(1.66)

290.44  
(24.35)

241.68  
(6.32)

427.86  
(3.69)

43.82  
(6.24)

**178.71**  
**(9.65)**

117.78

(0.65)



avel

100

2007-08

11

208.81  
(15.75)

55.27  
(21.10)

101.16  
(23.08)

129.62  
(-4.73)

132.46  
(17.28)

170.11  
(6.27)

79.67  
(1.66)

150.33  
(13.46)

170.92  
(30.11)

65.70  
(-35.78)

258.00  
(10.26)

106.10  
(5.24)

75.01  
(8.56)

182.83  
(41.02)

329.85  
(14.12)

165.12  
(0.47)

175.40  
(6.20)

233.23

(-5.92)

avel

100

2007-08

11

175.22  
(2.68)

162.11  
(1.77)

152.40  
(8.15)

148.73  
(3.58)

76.80  
(-10.73)

98.11  
(-0.47)

147.10  
(9.16)

130.26  
(3.69)

130.08  
(7.45)

92.39  
(2.41)

116.15  
(1.60)

328.85  
(19.69)

107.41  
(1.92)