

## Index Number of Industrial Production - New Series (Base: 1993-94)\*

The Central Statistical Organisation (CSO) has been compiling and publishing the monthly Index Number of Industrial Production (IIP). It has recently revised the IIP series. The revised index brings forward the base year, covers more number of items and industries and contains changes in the construction of the index. These are briefly stated below.

### Base Year

The base year for the revised IIP series is 1993-94<sup>1</sup>. The choice of the base year was based mainly on the ready availability of data at the time of construction of the index. The year was also considered to capture the effect of economic liberalisation in full.

### Scope and Coverage of the New Series

The revised IIP covers 543 items in 'mining & quarrying', 'manufacturing' and 'electricity' as compared with 352 items in the earlier series with 1980-81 as the base.

The increase in the number of items is accounted virtually by 'manufacturing' (188 items out of 191) (Table 1). At four digit level of National Industrial Classification (NIC) 1987 all are grouped under 287 items in 'manufacturing' and one each in 'mining & quarrying' and 'electricity'. As in the earlier series, the revised IIP does not cover gas, water supply and construction.

### Item Basket

In the revised IIP, in general, items accounting for a minimum of Rs 80 crore of Gross Value of Output (GVO) at the overall manufacturing sector level and Rs 20 crore of Gross Value Added (GVA) at the ultimate digit level of NIC 1987 were included in the basket. This criterion was relaxed in respect of inadequately represented industry groups. Keeping in view the distinctive character of the items and the availability of regular flow of monthly production data and also to improve representativeness at 2-digit level, some important items in the series with base 1980-81, were also included in the basket for the revised series. All the 18 items of the small scale sector, included in the previous series, were also accounted for in the revised series. The items in the revised series would be augmented as and when the data on important additional items of the small scale sector are made available. Details of the items presently included in the basket, such as four digit NIC 1987, unit, output, and weight, activitywise are furnished in Annexure 1, while similar information as per use-based classification are set out in Annexure-2.

**Table 1 : Number of Items in IIP**

Sector	No. of items		Variation	
	Base:1980-81	Base:1993-94	Absolute	Percent
1	2	3	4	5
Mining & Quarrying	61	64	3	4.9
Manufacturing	290	478	188	64.8
Electricity	1	1	—	—

Total	352	543 *	191	54.3
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\* clubbed into 287 item groups: Mining & Quarrying - 1, Manufacturing - 285, Electricity - 1.

\* Prepared in the Division of Industrial Studies, Department of Economic Analysis and Policy.

<sup>1</sup> The first series of IIP was introduced with 1946 as the base year, and subsequent revisions were made with 1951, 1956, 1960, 1970 and 1980-81 as base years. Reference may be made to the February 1988 issue of the Reserve Bank's Bulletin for the previous article.

## Weighting Pattern

Reflecting the changes in the industrial structure, the weights assigned to different sectors had undergone marginal but significant changes. For the first time, the weight for 'manufacturing' rose from 771.07 in the earlier series to 793.58 in the revised series showing an increase of 2.9 per cent. The relative weights of 'mining & quarrying' and 'electricity' had correspondingly declined (Table 2).

## Sectoral Weights

The sectoral weights were assigned on the basis of their respective GVA during 1993-94 (Annexures 3 and 4). The choice of GVA is intended to ensure continuity and consistency and adherence to the international practice as also the UN recommendation on the subject. A notable feature of the revised series is that, for the first time, the weighting diagram has taken into account the contribution of the unorganised manufacturing sector alongwith the organised manufacturing sector. For estimating the 1993-94 Gross Value Added for the unorganised sector, the data available in the follow-up surveys relating to Directory Manufacturing Establishments (DME), Non-Directory Manufacturing Establishments (NDME) and Own-Account Manufacturing Enterprises (OAME) for 1989-90 and 1994-95 were used.

## Change in sub-group

At 2-digit level, under the revised series, a new item 'manufacture of wool, silk and man-made fibre textiles' was introduced under industry code 24 with a weight of 22.58 and having a coverage of 15 items (Annexure 5). Further, 'machinery, machine tools and parts except electrical machinery' (industry group- 35) and 'electrical machinery, apparatus, appliances and supplies and parts' (industry group - 36) under the old series have been grouped under one head 'manufacture of machinery and equipment other than transport equipment' (industry group- 35-36) under the revised series. Except 7 industries viz. 'cotton textile', 'jute and other vegetable fibre textiles', 'paper and paper products', 'rubber, plastic, petroleum and coal products', 'basic metals and alloy industries', 'machinery and equipment', and 'transport equipment and parts', the weights of all industries at 2-digit level of industrial classification registered increases. The increase in weight is significant particularly in the case of 'food products', and 'basic chemicals and chemical products'.

**Table 2: Sectoral Weights**

NIC	Sector	Base:1980-81	Base:1993-94	Variation	
				Absolute	Percent
1	2	3	4	5	6

Division1	Mining & quarrying	114.64	104.73	-9.91	-8.64
Division2&3	Manufacturing	771.07	793.58	22.51	2.92
Division4	Electricity	117.29	101.69	-15.6	-13.30
<b>Total</b>		<b>1000.00</b>	<b>1000.00</b>	<b>-</b>	<b>-</b>

### Use-based Classification-Change in Weights

The weights according to the use-based classification of industries have also been revised under the new series (Table 3).

While the weights of intermediate goods and consumer goods were raised, those of capital goods and basic goods were reduced. The weight assigned to consumer durables, in particular, more than doubled. The coverage of items (according to NIC 1987) under basic goods, intermediate goods, capital goods, consumer durables and consumer non-durables and their respective weights under the revised series have been presented in Annexure 2.

### Formula

The index is a simple weighted arithmetic mean of production relatives calculated by using the Laspeyre's formula:

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

where I is the index, R<sub>i</sub> is the production relative of the i<sup>th</sup> item for the month in question and W<sub>i</sub> is the weight allotted to it.

### Use of Price Deflators

The IIP is a quantitative index, the production of items being expressed in physical terms. However, the unit of reporting in respect of certain items like machinery, machine tools, ship building, etc., is in value terms. The monthly figure of production value, in such cases is first deflated by the Wholesale Price Index (WPI) of the corresponding items/categories, released by the Office of the Economic Adviser, Ministry of Industry.

**Table 3: Revision in Weights - Use-based Classification**

Industry	Base:1980-81	Base:1993-94	Variation	
			Absolute	Percent
1	2	3	4	5
Basic goods	394.18	355.12	-39.06	-9.91
Capital goods	164.27	96.87	-67.40	-41.03
Intermediate goods	205.07	264.39	59.32	28.93
Consumer goods	236.48	283.62	47.14	19.93
Consumer durables	25.50	51.15	25.65	100.59
Consumer non-durables	210.98	232.47	21.49	10.19
<b>General</b>	<b>1000.00</b>	<b>1000.00</b>	<b>-</b>	<b>-</b>

## Sources of Data

The sources of data for the revised IIP series would be the same as that for 1980-81. However, in respect of Railways, the Railway Board would supply the consolidated data instead of 5 agencies which had provided data for 1980-81 series. The Department of Industrial Policy and Promotion (DIP&P) would be the major source for as many as 213 out of 285 items in the manufacturing sector. The data on electricity would be furnished by the Central Electricity Authority. The index relating to mining and quarrying sector would be supplied by the Indian Bureau of Mines, Nagpur, which is dovetailed with manufacturing and electricity indices compiled by CSO to arrive at the General Index of Industrial Production.

## An Assessment

The changes made in the revised index were based on the recommendations of the Technical Advisory Committee (TAC) on compilation of State-wise and All-India comparable Indices of Industrial Production. The TAC was initially assigned the task of evolving a uniform methodology of computing State-wise indices so that they could be used to obtain comparable series of All-India indices. Subsequently, TAC's terms of reference were enlarged to include issues relating to the shifting of the base year for the current series of All-India IIP to 1993-94.

## Sectoral Growth

The annual growth rates for 1997-98 at the sectoral levels as well as the average annual growth rate during 1994-95 to 1997-98 in the new series as well as the old series (adjusted to base: 1993-94) are presented in Table 4. From the table, it can be seen that the annual growth rate for the general index for 1997-98 in the new series was high at 6.6 per cent as compared with 4.2 per cent under the old series due mainly to substantially high rate of growth in 'manufacturing' at 6.6 per cent under the new series as compared with 3.6 per cent under the old series. However, the difference in the average annual growth rate, based on old (adjusted) and new series (sector-wise as well as general) during 1994-95 to 1997-98 is very marginal. The growth rate of general index of industrial production and at sectoral levels during 1994-95 and 1997-98 under the revised series and old series (adjusted to Base: 1993-94) are presented in Annexures 6 to 10.

**Table 4: Sectoral Growth Rates**

(in per cent)

Sector	Annual growth rate In 1997-98		Average Annual growth rate during 1994-95 to 1997-98	
	New series Base: 1993-94	Old series adjusted to Base: 1993-94	New series Base: 1993-94	Old series adjusted to Base: 1993-94
1	2	3	4	5
Mining & Quarrying	5.6	4.9	5.2	5.03
Manufacturing	6.6	3.6	8.9	8.9
Electricity	6.9	6.9	6.9	6.9
<b>General</b>	<b>6.6</b>	<b>4.2</b>	<b>8.3</b>	<b>8.2</b>

## Growth rates: Use-based Classification

The annual growth rates for 1997-98, according to the use-based classification of industries in the new series as well as the old series (adjusted to Base: 1993-94) are presented in Table 5 below. It can be seen from the table that capital goods registered a growth rate of 0.7 per cent during 1997-98 under the revised series as against a fall of 4.0 per cent under the old series. Intermediate goods and consumer goods also registered high growth rates of 8.1 and 6.0 per cent, respectively, under the revised series as compared with 6.8 per cent and 4.6 per cent under the old series. In the case of consumer goods, the higher growth rate during 1997-98, under the revised series was solely on account of the consumer non-durables. Basic goods, on the other hand, registered a low growth rate of 6.1 per cent under the revised series as compared with 7.0 per cent under the old series. It may be noted that the change in the composition of items and the changes in the weighting pattern for use-based classification effected some changes in the respective annual growth rates as revealed by variations in average annual growth rates based on old (adjusted) and new series during 1994-95 to 1997-98.

## Growth in sub-group indices

Annexure 9 presents the annual growth rates for the period 1994-95 to 1997-98 at the 2-digit level industry sub-groups as per the revised series as well as the old series (adjusted to Base: 1993-94). It can be seen therefrom that during 1997-98, the growth rate in the new series was highest at 19.9 per cent in the case of 'manufacture of non-metallic products', followed by 'manufacture of beverages, tobacco, and related products' (18.5 per cent), 'manufacture of jute and other vegetable fibre textiles' (16.4 per cent), 'manufacture of basic chemicals and chemical products' (13.9 per cent), and 'manufacture of wool, silk, and man-made fibre textiles' (13.3 per cent). In the case of 'manufacture of wood and wood products', 'manufacture of transport equipment and parts', and 'other manufacturing industries', however, the growth rates were negative.

**Table 5: Growth Rates - Use-based Classification**

(in per cent)

Sector	Annual growth rate In 1997-98		Average Annual growth rate during 1994-95 to 1997-98	
	New series Base:1993-94	Old series adjusted to Base:1993-94	New series Base:1993-94	Old series adjusted to Base:1993-94
1	2	3	4	5
Basic goods	6.1	7.0	7.2	7.2
Capital goods	0.7	-4.0	5.0	11.1
Intermediate goods	8.1	6.8	10.2	8.0
Consumer goods	6.0	4.6	8.8	8.0
Consumer durables	7.7	9.9	13.6	15.4
Consumer non-durables	5.5	2.9	7.7	6.0
General	6.6	4.2	8.3	8.2

## Annexures

Annexure 1: Revised IIP Item Basket (Base: 1993-94).

Annexure 2: Use-based Classification -Coverage of Items under the Revised Series.

Annexure 3: Index Number of Industrial Production - Sectoral Weights and Number of Items.

Annexure 4: Distribution of Weights at Division Level of Industrial Classification.

Annexure 5: Distribution of Weights at 2-digit level of Industrial Classification.

Annexure 6: Index Number of Industrial Production - Annual Growth Rates.

Annexure 7: Monthly Index Number of Industrial Production at Sectoral Level.

Annexure 8: Comparison of Index Number of Industrial Production - Revised and Old Series at 2-digit level.

Annexure 9: Comparison of Growth Rates - Revised and Old Series at 2-digit level.

Annexure10: Monthly Index Number of Industrial Production-Manufacturing Sector (17 Industries).

Annexure 11: Used-based Classification - Monthly Index Number of Industrial Production.

**Annexure 1 : Items included in the Revised Series of the Index Number of Industrial production (Base: 1993-94)**  
(Contd.)

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Sr.No.	NIC-87	Description	Unit	Base Month	Weight
1	2	3	4	5	6
1	1000	Mineral index	–	100.0000	104.7359
2	2010	Milk powder of all kinds	Tonnes	7386.8333	10.0966
3	2041	Wheat flour/ maida	Th. Tonnes	400.0000	21.4096
4	2050	Biscuits(IPP)	Tonnes	11713.4167	2.7042
5	2050	Biscuits(SSi)	Tonnes	40804.4167	1.7604
6	2060	Sugar	Lakh Tonnes	8.3842	22.4312
7	2080	Salt	Th. Tonnes	1142.4083	0.5165
8	2090	Chocolate & sugar confectionary	Tonnes	979.4167	3.6990
9	2100	Deoiled mustard cake	Tonnes	67804.5833	0.1378
10	2100	Edible hydrogenated oil	Tonnes	82542.6667	2.2420
11	2100	Soyabean oil	Tonnes	36413.8333	0.0864
12	2100	Sun flower oil	Tonnes	4938.0000	0.0982
13	2113	Coconut oil	Tonnes	274.0000	1.8661
14	2113	Cotton seed oil	Tonnes	841.7500	1.8897
15	2113	Deoiled rice bran	Tonnes	195877.1667	0.7429
16	2113	Groundnut oil	Tonnes	5791.1667	2.0057
17	2113	Mustard oil/ rape seed oil	Tonnes	11544.0000	5.2111
18	2113	Rice bran oil	Tonnes	20083.9167	2.3172
19	2113	Til seed oil	Tonnes	311.7500	0.3784
20	2130	Tea	Th. Tonnes	64.0033	7.6275
21	2140	Coffee	Tonnes	15016.6667	1.0054
22	2191	Malted food	Tonnes	1300.8333	2.6058
23	2200	Rectified spirit	K. Litre	45378.5833	3.5525
24	2220	Beer	K. Litre	25438.6667	1.0905
25	2220	Indian made foreign liquor	K. Litre	1948.8333	4.5960
26	2230	Country liquor	K. Litre	1186.5833	2.5558

27	2240	Soft drink & soda	Mil. Bottles	67.7779	3.6926
28	2271	Cigarettes	Mill. Nos	5986.8333	8.3323
29	2350	Cotton yarn (including SSI)	Mn. Kg	141.4000	45.3093
30	2360	Cotton cloth (excluding hosiery)	M.Sq. Mtrs	1202.7225	9.8730
31	2471	100%Non-cottoncloth	M.Sq. Mtrs	11.6883	12.0157
32	2471	100%Non-cottonyarn	Mn. Kg	543.8658	3.1755
33	2471	Blended cloth	M.Sq. Mtrs	262.9325	3.5136
34	2471	Blended yarn	Mn. Kg	25.3767	3.8775
35	2540	Carpet backing cloth	Th. Tonnes	1.9500	0.0955
36	2540	D.W. Tarpaulin	Tonnes	7433.3333	0.1197
37	2540	Hessain	Th. Tonnes	28.4833	3.0537
38	2540	Sacking	Th. Tonnes	65.3583	2.3629
39	2540	Yarn	Th. Tonnes	5.8500	0.2680
40	2600	Cotton hosiery cloth	M.Sq. Mtrs	279.7833	25.3702
41	2710	Particle board	Sq. Mtrs	165714.3333	10.3158
42	2710	Plywood commercial	Sq. Mtrs	5622770.9167	16.6924
43	2801	Rayon grade pulp (machine made pulp all kinds)	Tonnes	20652.6667	2.8898
44	2802	Paper & paper board(IPP)	Tonnes	194361.7500	13.8007
45	2802	Paper & paper board(SSl)	Tonnes	33869.7500	0.0176
46	2803	Newsprint bleached	Tonnes	23909.4442	4.8056
47	2810	Corrugated boxes/ cartons (all kinds)	Tonnes	430.5833	5.0051
48	2900	Finished leather	Th. Pcs	3221.6667	2.4827
49	2900	Leather footwear Indian type(IPP)	Th. Pairs	598.4022	0.3303
50	2900	Leather footwear Indian type(SSl)	Th. Pairs	15130.4167	0.0521
51	2900	Leather footwear Western type	Th. Pairs	1189.1058	1.4538
52	2910	Shoe uppers	Th. Pairs	374.8333	6.0042
53	2920	Leather garments	Rs. Lakhs	1596.6667	0.8160
54	2920	Leather goods	Rs. Lakhs	224.3333	0.2479
55	3002	Chlorine	Th. Tonnes	41.7608	0.6583
56	3002	Dissolved acetalene gas (D.A. gas)	Th. Cu. Metrs	840.9167	0.3446
57	3002	Oxygen	Th. Cu. Metrs	11011.7508	0.5749

**Annexure 1 : Items included in the Revised Series of the Index Number of Industrial production (Base: 1993-94)**  
(Contd.)

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Sr.No.	NIC-87	Description	Unit	Base Month	Weight
1	2	3	4	5	6
58	3003	Sulphuric acid	Tonnes	310799.9167	0.1505
59	3004	Fatty acids	Tonnes	9687.2500	0.1284
60	3004	Glycerine	Tonnes	1188.0833	0.1001
61	3008	Calcium carbide	Tonnes	8079.9167	0.6199
62	3008	Caustic soda	Th. Tonnes	92.4522	4.9293
63	3008	Soda ash	Th. Tonnes	128.7467	4.1144
64	3008	Titanium dioxide	Tonnes	1979.0833	1.1252
65	3009	Acetic acid	Tonnes	7901.5000	0.8917
66	3009	Acetican hydride	Tonnes	2627.6667	0.8387
67	3009	Ethelene glycol	Tonnes	11446.4167	0.5776
68	3009	Ethylene	Tonnes	30547.9167	0.0120
69	3009	Formaldehyde	Tonnes	12504.5000	0.6919
70	3009	Linear alkyl benzene	Tonnes	18207.0833	0.0290
71	3009	Methanol	Tonnes	17969.9167	1.0099
72	3009	Phenol	Tonnes	4363.4167	0.9638

73	3009	Phthalic anhydride	Tonnes	3945.5833	0.9920
74	3012	Caprolactum	Tonnes	6202.5833	0.2389
75	3012	Nitrogenous fertilizers	Th. Tonnes	648.7898	17.8498
76	3013	Phosphatic fertilizers	Th. Tonnes	174.8238	2.8429
77	3014	Endosulfan technica	Tonnes	675.2500	3.6517
78	3014	Monocrotophos	Tonnes	528.8333	3.4605
79	3021	Synthetic rubber	Tonnes	4463.7500	0.3072
80	3022	P.V.C. resins	Tonnes	26777.0000	0.2545
81	3022	Synthetic resins	Tonnes	2401.5833	1.1106
82	3024	P.F. moulding powder	Tonnes	263.7500	0.4645
83	3024	Rubber chemicals	Tonnes	1666.3333	0.6608
84	3029	H.D.P.E.	Tonnes	14592.6667	2.3080
85	3029	Metallised BOPP films	Tonnes	1326.5000	3.0089
86	3032	Paints, enamels & varnishes (IPP)	Tonnes	11577.5000	5.1824
87	3032	Paints, enamels & varnishes (SSI)	Tonnes	14330.2500	0.2605
88	3033	Azodyes	Tonnes	194.0833	0.5071
89	3033	Organic pigments	Tonnes	465.4167	2.8203
90	3033	Reactive dyes	Tonnes	544.1667	1.0402
91	3034	Optical whitening agen t(IPP)	Tonnes	82.7500	0.1733
92	3034	Optical whiteninga gent (SSI)	Tonnes	59.4240	0.0019
93	3041	Sulpha drugs	Tonnes	237.4378	1.8149
94	3041	Trimethoprim	Kg.	19482.6667	1.1813
95	3042	Ampicillin	Kg.	16760.6667	5.7037
96	3042	Pencillin	M.M.U.	63.5139	1.6914
97	3042	Vitamin A	M.M.U.	10.2983	10.5838
98	3042	Vitamin C	Kg.	65863.0000	5.8320
99	3043	Hair oil/ ayurvedic hair oil	K. Litre	78.5833	2.5055
100	3051	Detergent all kinds	Tonnes	25644.8333	1.9020
101	3051	Soap all kinds (IPP)	Tonnes	28236.6667	2.8572
102	3051	Soap all kinds (SSI)	Th. Tonnes	93.8309	0.4977
103	3059	Agarbathi	Rs. Lakh	64.6667	0.3626
104	3059	Toothpaste	Tonnes	1916.9167	1.1951
105	3059	Toothpowder	Tonnes	537.7500	0.2644
106	3060	Filament yarn	Mn. Kg	32.3000	17.2754
107	3060	Nylonty record	Tonnes	3198.8333	0.7476
108	3060	Polyster fibre	Tonnes	14849.5833	6.7313
109	3060	Viscose staple fibre	Tonnes	14583.2500	5.0701
110	3060	Viscose tyre cord	Tonnes	1023.9167	0.6268
111	3070	Matches(IPP)	Mil. Boxes	372.8333	0.6742
112	3070	Matches(SSI)	Mil. Boxes	4874.1960	0.2565
113	3080	Fireworks	Tonnes	773.0833	0.4310
114	3080	High explosive nitro glycerine based	Tonnes	108.0833	0.6418

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(Contd.)

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Sr.No.	NIC-87	Description	Unit	Base Month	Weight
1	2	3	4	5	6
115	3080	Industrial explosives	Tonnes	10238.0833	0.0384
116	3092	Cine film & X-ray films	Th. Sq. Mtrs	4297.9167	1.4360
117	3092	Photo film/ roll film	Rs. Thousan	15489.5833	1.2978
118	3092	Photosensitised paper	Th. Rolls	12.2500	1.8823



119	3095	Adhesives all types	Tonnes	118.1667	1.2230
120	3095	Gelatine	Tonnes	349.1667	0.4004
121	3100	Bicycle tubes	Mill. Nos.	1.5397	0.5667
122	3100	Bicycle tyres	Mill. Nos.	1.0584	0.5464
123	3100	Giant tubes	Th. Nos.	429.4170	0.2179
124	3100	Giant tyres	Th. Nos.	587.7553	3.9438
125	3100	Rubber conveyor belting	Tonnes	948.5000	0.1454
126	3100	Tractor tyres/ A.D.V. tyres	Th. Nos.	152.0978	0.6125
127	3100	Two wheeler tyres	Th. Nos.	607.8514	1.0644
128	3113	Rubber footwear	Mill.Pairs	2.9538	0.9977
129	3121	Rubber hoses (other type)	K. Metre	356.0000	0.1626
130	3121	Sheets (PVC / rubber)	Tonnes	610.0000	2.6345
131	3124	Contraceptives	Th. Nos.	78375.0000	0.5282
132	3130	L.D.P. E.	Tonnes	14385.3333	0.5074
133	3130	Laminates (decorative)	Tonnes	1245.6667	2.7556
134	3130	PVC pipes & tubes	Tonnes	1622.9167	15.1251
135	3140	Aviation turbine fuel	TMT	148.9167	0.7157
136	3140	Benzene	TMT	8.7500	1.3523
137	3140	Bitumen	TMT	156.0000	0.6287
138	3140	Furnace oil	TMT	515.2500	1.9066
139	3140	High speed diesel	TMT	1567.5000	6.5665
140	3140	Light diesel oil	TMT	122.8333	0.5248
141	3140	Low sulphur heavy stock	TMT	315.1667	0.9186
142	3140	Lubricating oil	TMT	40.7500	0.9060
143	3140	Motor spirit	TMT	320.2500	1.5506
144	3140	Naptha	TMT	388.9167	1.6727
145	3140	Natural gas	MCM	1527.9167	3.8448
146	3140	Petroleum coke calcined	TMT	3.7500	0.2063
147	3140	Superior kerosene	TMT	439.0833	2.2058
148	3150	Liquified petroleum gas	TMT	109.6667	0.8666
149	3160	Di-methyl tetra phthalate (DMT)	Tonnes	9427.1667	1.6296
150	3180	Hard coke	Th. Tonnes	1074.1750	0.1769
151	3180	Middling	Th. Tonnes	551.0750	0.0953
152	3180	Washed coal	Th. Tonnes	1089.9167	0.9445
153	3190	Carbon black	Tonnes	13637.5833	0.7569
154	3205	Glazed tiles/ ceramic tiles	Tonnes	25406.6667	8.5394
155	3213	Bottles / bottle glass wares	Tonnes	28082.7500	4.3833
156	3233	H.T. Insulators	Tonnes	2711.1667	1.5568
157	3242	Cement all kinds	Th. Tonnes	4777.1547	19.8913
158	3261	Polished granite / stone chips	Rs. Lakh	128.8333	3.9314
159	3270	Asbestos cement pressure and building pipes, etc.	Th. Tonnes	5.3277	0.3233
160	3270	Asbestos cement sheets	Th. Tonnes	51.3910	1.3600
161	3293	Railway/concrete sleeper	Numbers	43476.0833	1.6204
162	3297	Graphite electrodes & anodes	Tonnes	2375.5000	2.3651
163	3301	Bars and rods	Th. Tonnes	506.3833	18.0710
164	3301	Carbon steel	Th. Tonnes	492.9000	11.4447
165	3301	H.R. coils / skelp	Th. Tonnes	182.5417	0.9668
166	3301	Pig iron	Th. Tonnes	187.5167	3.2688
167	3301	Railway materials	Th. Tonnes	48.6083	1.5958
168	3301	Stainless/alloy steel	Th. Tonnes	82.3333	1.2291
169	3301	Structurals (light, medium & heavy)	Th. Tonnes	155.2333	10.3940
170	3303	Sponge iron	Th. Tonnes	199.6667	2.4253
171	3309	Plates	Th. Tonnes	133.8333	2.3998

**Annexure 1 : Items included in the Revised Series of the Index Number of Industrial production (Base: 1993-94)**

(Contd.)

Sr.No.	NIC-87	Description	Unit	BaseMonth	Weight
1	2	3	4	5	6
172	3313	Steel wires (wire drawing)	Th. Tonnes	37.0000	1.6904
173	3313	Wire ropes	Tonnes	3932.3333	0.7019
174	3314	Electric sheets	Th. Tonnes	9.0000	0.7834
175	3314	GP/GC sheets (colour coated)	Th. Tonnes	50.4417	0.6864
176	3314	Tinplate (including ww)	Th. Tonnes	13.0417	0.2710
177	3319	C.R sheets/ coils	Th. Tonnes	148.5500	1.1111
178	3319	H.R. sheets	Th. Tonnes	36.3917	0.2749
179	3319	Pipes & tubes(DCIS)	Th. Tonnes	10.1250	1.9496
180	3319	Pipes & tubes(SS1)	Tonnes	19597.9167	0.1002
181	3320	Ferro chrome	Th. Tonnes	3.5500	0.1202
182	3320	Ferro manganese	Th. Tonnes	11.2667	0.1804
183	3320	Ferro silicon	Th. Tonnes	2.3750	0.0924
184	3320	Other ferro alloys	Th. Tonnes	11.6583	0.1423
185	3330	Copper metal (cathode)	Tonnes	5541.0000	0.5659
186	3340	Stamping & forgings	Tonnes	18020.3333	1.3379
187	3350	Aluminum extrusions	Tonnes	4233.2500	0.5607
188	3350	Aluminum foils	Tonnes	1264.1667	1.0667
189	3350	Aluminum ingots	Th. Tonnes	39.2252	3.8806
190	3350	Aluminum rolled products	Tonnes	8416.0000	1.0238
191	3350	Aluminum wire rods	Tonnes	9122.0000	1.7373
192	3370	C.I. castings	Tonnes	9689.6667	1.9505
193	3370	Steel castings (IPP)	Tonnes	20887.4167	2.3428
194	3370	Steel castings (SSI)	Tonnes	10726.6667	0.1619
195	3402	Well/ off shore platforms	Rs. Lakh	3515.6667	7.0987
196	3412	L.P.G. cylinders	Th. Nos.	102.2569	0.7146
197	3413	Drums & barrels	Tonnes	3669.6667	1.9886
198	3413	Tin metal containers	Tonnes	4488.3333	3.2812
199	3416	Spun pipes	Tonnes	10596.5833	1.2577
200	3431	Agricultural implements	Rs. Lakh	4759.3333	3.1351
201	3439	Bolts & nuts (IPP)	Tonnes	2827.5833	2.7075
202	3439	Bolts & nuts (SSI)	Tonnes	26987.6667	1.7404
203	3439	Welded link chains	Tonnes	286.8333	0.8790
204	3439	Zip fasteners (SSI)	Rs. Thousand	2103.1667	0.2832
205	3469	Metalic utencils (excl. pressure cooker)	Rs. Thousand	1914.3333	1.8802
206	3469	Pressure cookers	Numbers	204063.9167	0.3898
207	3490	Aluminum collapsable tubes	Mill. Nos.	16.5000	0.5926
208	3490	Razor blades	Mill. Nos.	286.8250	1.5680
209	3490	Welding electrodes / rods	Th.RunMts.	40311.8333	0.5823
210	3500	Complete tractors	Numbers	11551.4167	4.5681
211	3519	Dumpers	Numbers	27.1667	0.5196
212	3519	Hydraulic machine / hydraulic cylinders	Rs. Thousand	25793.1667	1.3276
213	3519	Wheel MTD dump loaders	Numbers	18.3333	0.5407
214	3521	Boilers	Rs. Lakh	7564.1625	2.2356
215	3523	Diesel engines (IPP)	Numbers	12446.7500	8.2860
216	3523	Diesel engines (SSI)	Numbers	127202.0833	0.0104
217	3537	Textile machinery	Rs. Lakh	8768.9125	2.6263
218	3544	Printing machinery	Rs. Lakh	40149.5833	0.2727
219	3545	Furnaces	Rs. Lakh	264.8333	0.0404
220	353 & 354	Industrial machinery	Rs. Lakh	14185.7500	5.3206

221	3551	Cooling towers	Rs. Lakh	501.8842	0.1778
222	3551	Refrigerators & air-conditioning plants	Rs. Lakh	702.2583	0.6002
223	3552	Window type air conditioners	Numbers	3341.0000	0.1264
224	3553	Refrigerators (domestic)	Th. Nos.	115.1625	1.4826
225	3559	Sealed compressors	Numbers	48146.0000	0.9335
226	3561	Cranes	Tonnes	947.0000	0.2274
227	3561	Lifts	Numbers	287.6667	0.2218
228	3561	Material handling equipment (incl. wagon)	Rs. Lakh	1872.8333	1.6493

**Annexure 1 : Items included in the Revised Series of the Index Number of Industrial production (Base: 1993-94)**

(Contd.)

1000.0000

Sr.No.	NIC-87	Description	Unit	Base Month	Weight
1	2	3	4	5	6
229	3562	Air and gas compressor (IPP)	Numbers	3570.0000	0.6757
230	3562	Air and gas compressor (SSI)	Numbers	764.0000	0.0557
231	3562	Mono blocks	Numbers	1312.0000	0.1744
232	3562	Parts & accessories (pumps & compressors)	Rs. Lakh	221.3333	0.4227
233	3562	Power driven pumps	Th. Nos.	39.4468	1.8919
234	3562	Valves all kinds	Rs. Lakh	2186.6667	0.8244
235	3563	Ball & roller bearings	Lakh Nos.	80.7775	4.8817
236	3563	Gear boxes	Numbers	19125.1667	0.4203
237	3570	Cutting tools (lathes, etc.)	Th. Nos.	382.8333	1.0631
238	3570	Diamond tools	Numbers	75699.0833	0.4220
239	3570	Machine tools (IPP)	Rs. Lakh	6818.1667	1.3677
240	3570	Machine tools (SSI)	Rs.Crore	2.7765	0.5002
241	3581	Typewriters	Numbers	6574.7500	0.2834
242	3591	Sewing machines	Numbers	9318.4167	0.8314
243	3593	Washing / laundry machines, etc.	Numbers	17900.0000	1.9241
244	3601	Electric generators (including alternators)	Rs. Lakh	2556.3108	2.0163
245	3602	Power & dist. Transformers (IPP)	Mill.K.V.A	3.0550	3.0260
246	3602	Power & dist. Transformers (SSI)	Numbers	37685.4167	0.0161
247	3603	Control panels / boards / disks	Rs. Lakh	606.3333	1.0344
248	3603	Protection system / switchboard / switch gear, etc.	Rs. Thousand	59317.1667	4.0502
249	3603	Switchgear (circuit breakers)	Numbers	21389.0000	0.4332
250	3604	Electric motors (IPP)	Lakh H.P.	5.2777	1.9074
251	3604	Electric motors (SSI)	Numbers	82685.1667	0.0578
252	3604	Electric motors phase one	Numbers	42013.5000	1.5809
253	3605	Power capacitors	KVAR	257105.4167	0.4019
254	3607	Motor starters and contactors	Th. Nos.	179.9167	0.0183
255	3609	Stamping (lamination)	Tonnes	5760.0833	0.9932
256	3609	Turbines (steam / hydro)	Rs. Lakh	1906.6600	2.0466
257	3610	ACSR/AA conductors	Tonnes	2306.2500	0.4742
258	3610	Insulated cables / wires all kinds	Crore Km	24519.6667	2.4329
259	3610	PVC / PICL	K. Metres	1634.0833	0.2564
260	3610	Telecommunication cables	Mill. Mtrs	1089.4731	2.4921
261	3610	Winding wires	Tonnes	1924.5000	0.9341
262	3621	Storage batteries	Lakh Nos.	2.3983	1.3655
263	3622	Dry cells	Mill. Nos.	107.0248	0.3804
264	3631	Auto lamps	Th. Nos.	1267.8333	0.3202
265	3631	G.L.S. lamps	Mill. Nos.	27.1589	0.7662
266	3633	Fluorescent tubes	Lakh Nos.	63.6033	0.5244

267	3639	Lighting, fitting & fixtures	Rs. Lakh	702.4167	0.6954
268	3641	Electric fans all kinds (IPP)	Lakh Nos.	3.9491	2.1287
269	3641	Electric fans all kinds (SSI)	Lakh Nos.	1.1019	0.0125
270	3651	Radio receivers	Th. Nos.	12.6758	0.3189
271	3655	Telephone instruments	Th. Nos.	161.2500	6.1875
272	3661	T.V. picture tubes	Th. Nos.	334.7556	0.7074
273	3661	T.V. receivers	Th. Nos.	127.9910	4.9552
274	3664	Tape recorders	Th. Nos.	92.8314	0.3449
275	3670	Computer system and its peripherals	Rs. Lakh	4138.6550	3.9798
276	3680	Electrolytic capacitors	Mill. Nos.	37.1470	1.8875
277	3701, 3 & 8	Ship building and repair	Rs. Lakh	4255.3333	2.7599
278	3710	Locomotives all types	Numbers	24.3333	1.2069
279	3720	Broad gauge covered wagons	Numbers	415.3333	0.5364
280	3720	Broad gauge passenger carriage	Numbers	86.5000	2.2217
281	3720	Wheel and axles complete set	WAP	9765.1667	0.7141
282	3731	Auto ancillary & parts	Rs. Lakh	26929.6467	5.7992
283	3731	Chasis (assem) for HCVs (bus, truck)	Numbers	2267.3333	3.6201
284	3741	Commercial vehicles	Numbers	13518.7500	0.8669
285	3741	Jeep type vehicles	Numbers	2265.5833	0.5780

**Annexure 1 : Items included in the Revised Series of the Index Number of Industrial production (Base: 1993-94)**  
(Concl.)

1000.0000

Sr.No.	NIC-87	Description	Unit	Base Month	Weight
1	2	3	4	5	6
286	3741	Passenger cars	Numbers	17478.5833	3.5795
287	3748	Engines	Numbers	268.8333	2.6920
288	3748	Springs	Tonnes	3767.9167	3.4656
289	3751	Auto rickshaws	Numbers	7603.5000	0.7436
290	3751	Motor cycles	Numbers	38951.2500	3.1970
291	3751	Scooter and mopeds	Numbers	107644.2500	4.8986
292	3760	Bicycles all kinds	Th. Nos.	643.4176	2.9570
293	3801	Medical and surgical instruments	Rs. Lakh	237.0833	1.2381
294	3801	Syringes all types	Rs. Lakh	125.9167	2.8012
295	3802	Process control instruments	Rs. Lakh	857.0858	3.2972
296	3804	A.C. poly phase house service meters	Mill. Nos.	0.0230	0.9605
297	3804	A.C. single phase house service meters	Mill. Nos.	0.2213	1.1428
298	3806	Laboratory and scientific instruments	Rs. Lakh	136.0833	4.3495
299	3820	Alarm time pieces	Th. Nos.	112.6575	2.7289
300	3820	Wristwatches	Th. Nos.	713.2500	3.8677
301	3871	Writing instruments	Rs. Thousand	58362.7500	4.4939
302	3872	Pencils(SSI)	Rs. Thousand	2621.9167	0.7136
303	4000	Electricity	Mill. KWh	26960.3333	101.6867

**Annexure 2: Use-based Classification - Item basket – IIP (Base : 1993-94) (Contd.)**

SrNo.	NIC-87	Description	Weight
1	2	3	4

**A. Basic Goods**

**355.1180**

1	1000	Mineral index	104.7359
2	2080	Salt	0.5165
3	3002	Chlorine	0.6583
4	3002	Dissolved acetalene gas (D.A. gas)	0.3446
5	3002	Oxygen	0.5749
6	3003	Sulphuric acid	0.1505
7	3004	Glycerine	0.1001
8	3008	Calcium carbide	0.6199
9	3008	Caustic soda	4.9293
10	3008	Soda ash	4.1144
11	3008	Titanium dioxide	1.1252
12	3009	Acetic acid	0.8917
13	3009	Acetic anhydride	0.8387
14	3009	Ethelene glycol	0.5776
15	3009	Ethylene	0.0120
16	3009	Formaldehyde	0.6919
17	3009	Linear alkyl benzene	0.0290
18	3009	Methanol	1.0099
19	3009	Phenol	0.9638
20	3009	Phthalic anhydride	0.9920
21	3012	Nitrogenous fertilizers	17.8498
22	3013	Phosphatic fertilizers	2.8429
23	3140	Aviation turbine fuel	0.7157
24	3140	Benzene	1.3523
25	3140	High speed diesel	6.5665
26	3140	Superior kerosene	2.2058
27	3160	Di-methyl tetra phthalate (DMT)	1.6296
28	3180	Hard coke	0.1769
29	3180	Middling	0.0953
30	3180	Washed coal	0.9445
31	3190	carbon black	0.7569
32	3242	Cement all kinds	19.8913
33	3301	Bars and rods	18.0710
34	3301	Carbon steel	11.4447
35	3301	H.R. coils / skelp	0.9668
36	3301	Pig iron	3.2688
37	3301	Railway materials	1.5958
38	3301	Stainless / alloy steel	1.2291
39	3301	Structurals (light, medium & heavy)	10.3940
40	3303	Sponge iron	2.4253
41	3309	Plates	2.3998
42	3313	Steel wires (wire drawing)	1.6904
43	3313	Wire ropes	0.7019
44	3314	Electric sheets	0.7834
45	3314	GP / GC sheets (colour coated)	0.6864
46	3314	Tinplate (including ww)	0.2710
47	3319	C.R sheets / coils	1.1111
48	3319	H.R. sheets	0.2749
49	3319	Pipes & tubes	2.0498
50	3320	Ferro chrome	0.1202
51	3320	Ferro manganese	0.1804
52	3320	Ferro silicon	0.0924
53	3320	Other ferro alloys	0.1423
54	3330	Copper metal (cathode)	0.5659
55	3340	Stamping & forgings	1.3379
56	3350	Aluminum extrusions	0.5607

57	3350	Aluminum foils	1.0667
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**Annexure 2: Use-based Classification - Item basket (IIP Base : 1993-94) (Contd.)**

Sr No.NIC-87		Description	Weight
1	2	3	4
58	3350	Aluminum ingots	3.8806
59	3350	Aluminum rolled products	1.0238
60	3350	Aluminum wire rods	1.7373
61	3370	C.I. castings	1.9505
62	3370	Steel castings	2.5047
63	4000	Electricity	101.6867
<b>B. Capital Goods</b>			<b>96.8657</b>
1	3100	Rubber conveyor belting	0.1454
2	3233	H.T. Insulators	1.5568
3	3402	Well / offshore platforms	7.0987
4	3431	Agricultural implements	3.1351
5	3500	Complete tractors	4.5681
6	3519	Dumper	0.5196
7	3519	Hydraulic machine/hydraulic cylinders	1.3276
8	3519	Wheel MTD dump loaders	0.5407
9	3521	Boilers	2.2356
10	3523	Diesel engines	8.2964
11	3537	Textile machinery	2.6263
12	3544	Printing machinery	0.2727
13	3545	Furnaces	0.0404
14	353&354	Industrial machinery	5.3206
15	3551	Cooling towers	0.1778
16	3551	Refrigerators & air-conditioning plants	0.6002
17	3561	Cranes	0.2274
18	3561	Lifts	0.2218
19	3561	Material handling equipment (incl. wagon)	1.6493
20	3562	Air and gas compressor	0.7314
21	3562	Monoblocks	0.1744
22	3562	Power driven pumps	1.8919
23	3570	Cutting tools (lathes, etc.)	1.0631
24	3570	Diamond tools	0.4220
25	3570	Machine tools	1.8679
26	3601	Electric generators (including alternators)	2.0163
27	3602	Power & dist. transformers	3.0421
28	3603	Control panels/ boards/ disks	1.0344
29	3603	Protection system/ switchboard/ switch gear, etc.	4.0502
30	3603	Switch gear (circuit breakers)	0.4332
31	3604	Electric motors	1.9652
32	3604	Electric motors phase one	1.5809
33	3609	Turbines (steam / hydro)	2.0466
34	3610	Insulated cables/ wires all kinds	2.4329
35	3610	PVC/PICL	0.2564
36	3610	Telecommunication cables	2.4921
37	3670	Computer system and its peripherals	3.9798
38	3701,3 & 8	Ship building and repair	2.7599
39	3710	Locomotives all types	1.2069
40	3720	Broad gauge covered wagons	0.5364

41	3720	Broad gauge passenger carriage	2.2217
42	3720	Wheel and axles complete set	0.7141
43	3731	Chasis (assem) for HCVs (bus, truck)	3.6201
44	3741	Commercial vehicles	0.8669
45	3741	Zeep type vehicles	0.5780
46	3748	Engines	2.6920
47	3751	Auto rickshaws	0.7436
48	3801	Medical and surgical instruments	1.2381
49	3802	Process control instruments	3.2972
50	3806	Laboratory and scientific instruments	4.3495

**Annexure 2: Use-based Classification - Item basket – IIP (Base : 1993-94) (Contd.)**

SrNo. NIC-87		Description	Weight
1	2	3	4
<b>C. Intermediate Goods</b>			<b>264.3941</b>
1	2350	Cotton yarn (including SSI)	45.3093
2	2471	100% Non-cotton yarn	3.1755
3	2471	Blended yarn	3.8775
4	2540	Carpet backing cloth	0.0955
5	2540	D.W. Tarpaulin	0.1197
6	2540	Hessain	3.0537
7	2540	Sacking	2.3629
8	2540	Yarn	0.2680
9	2710	Particleboard	10.3158
10	2710	Plywood commercial	16.6924
11	2801	Rayon grade pulp (machine made pulp all kinds)	2.8898
12	2803	News print bleached	4.8056
13	2810	Corrugated boxes/ cartons (all kinds)	5.0051
14	2900	Finished leather	2.4827
15	2910	Shoe uppers	6.0042
16	3004	Fatty acids	0.1284
17	3012	Caprolactum	0.2389
18	3014	Endosulfan technica	3.6517
19	3014	Monocrotophos	3.4605
20	3021	Synthetic rubber	0.3072
21	3022	P.V.C. resins	0.2545
22	3022	Synthetic resins	1.1106
23	3024	P.F. moulding powder	0.4645
24	3024	Rubber chemicals	0.6608
25	3029	H.D.P.E.	2.3080
26	3029	Metallised BOPP films	3.0089
27	3032	Paints, enamels & varnishes	5.4429
28	3033	Azodyes	0.5071
29	3033	Organic pigments	2.8203
30	3033	Reactive dyes	1.0402
31	3034	Optical whitening agent	0.1752
32	3060	Filament yarn	17.2754
33	3060	Nylon tyre cord	0.7476
34	3060	Polyster fibre	6.7313
35	3060	Viscose staple fibre	5.0701
36	3060	Viscose tyre cord	0.6268
37	3080	High explosive nitro glycerine based	0.6418
38	3080	Industrial explosives	0.0384

39	3092	Cine film & X-ray films	1.4360
40	3092	Photo film/ roll film	1.2978
41	3092	Photosensitised paper	1.8823
42	3095	Adhesives all types	1.2230
43	3095	Gelatine	0.4004
44	3121	Rubber hoses (other type)	0.1626
45	3121	Sheets (PVC / rubber)	2.6345
46	3130	L.D.P.E.	0.5074
47	3130	Laminates (decorative)	2.7556
48	3130	PVC pipes & tubes	15.1251
49	3140	Bitumen	0.6287
50	3140	Furnace oil	1.9066
51	3140	Light diesel oil	0.5248
52	3140	Low sulphur heavy stock	0.9186
53	3140	Lubricating oil	0.9060
54	3140	Motor spirit	1.5506
55	3140	Naptha	1.6727
56	3140	Natural gas	3.8448
57	3140	Petroleum coke calcined	0.2063

**Annexure 2: Use-based Classification - Item basket - IIP (Base : 1993-94) (Contd.)**

Sr No.NIC-87		Description	Weight
1	2	3	4
58	3150	Liquified petroleum gas	0.8666
59	3205	Glazed tiles/ ceramic tiles	8.5394
60	3213	Bottles/ bottle glass wares	4.3833
61	3261	Polished granite/ stone chips	3.9314
62	3270	Asbestos cement pressure and building pipes etc.	0.3233
63	3270	Asbestos cement sheets	1.3600
64	3293	Railway/ concrete sleeper	1.6204
65	3297	Graphite electrodes & anode	2.3651
66	3412	L.P.G. cylinders	0.7146
67	3413	Drums & barrels	1.9886
68	3413	Tinmetal containers	3.2812
69	3416	Spun pipes	1.2577
70	3439	Bolts & nuts	4.4479
71	3439	Welded link chains	0.8790
72	3439	Zip fasteners	0.2832
73	3490	Aluminum collapsable tubes	0.5926
74	3490	Welding electrodes/ rods	0.5823
75	3559	Sealed compressors	0.9335
76	3562	Parts & accessories (pumps & compressors)	0.4227
77	3562	Valves all kinds	0.8244
78	3563	Ball & roller bearings	4.8817
79	3563	Gearboxes	0.4203
80	3605	Power capacitors	0.4019
81	3607	Motor starters and contactors	0.0183
82	3609	Stamping (lamination)	0.9932
83	3610	ACSR/ AA conductors	0.4742
84	3610	Winding wires	0.9341
85	3621	Storage batteries	1.3655
86	3639	Lighting, fitting & fixtures	0.6954
87	3661	T.V. picture tubes	0.7074



88	3680	Electrolytic capacitors	1.8875
89	3731	Auto ancillary & parts	5.7992
90	3748	Springs	3.4656

**Consumer Goods (D+E) 283.6222**

**D. Consumer durables 51.1493**

1	3100	Bicycle tubes	0.5667
2	3100	Bicycle tyres	0.5464
3	3100	Giant tubes	0.2179
4	3100	Giant tyres	3.9438
5	3100	Tractor tyres/ A.D.V .tyres	0.6125
6	3100	Two wheeler tyres	1.0644
7	3469	Metalic utencils excl. pressure cooker	1.8802
8	3469	Pressure cookers	0.3898
9	3552	Window type air conditioners	0.1264
10	3553	Refrigerators (domestic)	1.4826
11	3581	Typewriters	0.2834
12	3591	Sewing machines	0.8314
13	3593	Washing/ laundry machines etc.	1.9241
14	3641	Electric fans all kinds	2.1412
15	3651	Radio receivers	0.3189
16	3655	Telephone instruments	6.1875
17	3661	T.V. receivers	4.9552
18	3664	Tape recorders	0.3449
19	3741	Passenger cars	3.5795
20	3751	Motorcycles	3.1970
21	3751	Scooter and mopeds	4.8986
22	3760	Bicycles all kinds	2.9570

**Annexure 2: Use-based Classification - Item basket (IIP Base : 1993-94) (Contd.)**

Sr No.	NIC-87	Description	Weight
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1	2	3	4
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23	3804	A.C. poly phase house service meters	0.9605
24	3804	A.C. single phase house service meters	1.1428
25	3820	Alarm time pieces	2.7289
26	3820	Wrist watches	3.8677

**E. Consumer non-durables 232.4729**

1	2010	Milk powder of all kinds	10.0966
2	2041	Wheat flour/ maida	21.4096
3	2050	Biscuits	4.4646
4	2060	Sugar	22.4312
5	2090	Chocolate & sugar confectionary	3.6990
6	2100	Deoiled mustard cake	0.1378
7	2100	Edible hydrogenated oil	2.2420
8	2100	Soyabean oil	0.0864
9	2100	Sun flower oil	0.0982
10	2113	Coconut oil	1.8661
11	2113	Cotton seed oil	1.8897
12	2113	Deoiled rice bran	0.7429
13	2113	Groundnut oil	2.0057
14	2113	Mustard oil/ rape seed oil	5.2111
15	2113	Rice bran oil	2.3172

16	2113	Til seed oil	0.3784
17	2130	Tea	7.6275
18	2140	Coffee	1.0054
19	2191	Malted food	2.6058
20	2200	Rectified spirit	3.5525
21	2220	Beer	1.0905
22	2220	Indian made foreign liquor	4.5960
23	2230	Country liquor	2.5558
24	2240	Soft drink & soda	3.6926
25	2271	Cigarettes	8.3323
26	2360	Cotton cloth (excluding hosiery)	9.8730
27	2471	100% Non-cotton cloth	12.0157
28	2471	Blended cloth	3.5136
29	2600	Cotton hosiery cloth	25.3702
30	2802	Paper & paper board	13.8183
31	2900	Leather footwear Indian type	0.3824
32	2900	Leather footwear Western type	1.4538
33	2920	Leather garments	0.8160
34	2920	Leather goods	0.2479
35	3041	Sulpha drugs	1.8149
36	3041	Trimethoprim	1.1813
37	3042	Ampicillin	5.7037
38	3042	Pencillin	1.6914
39	3042	Vitamin A	10.5838
40	3042	Vitamin C	5.8320
41	3043	Hair oil/ ayurvedic hair oil	2.5055
42	3051	Detergent all kinds	1.9020
43	3051	Soap all kinds	3.3549
44	3059	Agarbathi	0.3626
45	3059	Toothpaste	1.1951
46	3059	Toothpowder	0.2644
47	3070	Matches	0.9307
48	3080	Fireworks	0.4310
49	3113	Rubber footwear	0.9977
50	3124	Contraceptives	0.5282
51	3490	Razor blades	1.5680
52	3622	Dry cells	0.3804

**Annexure 2: Use-based Classification - Item basket (IIP Base : 1993-94) (Concl.)**

Sr No.	NIC-87	Description	Weight
1	2	3	4
53	3631	Auto lamps	0.3202
54	3631	G.L.S. lamps	0.7662
55	3633	Fluorescent tubes	0.5244
56	3801	Syringes all types	2.8012
57	3871	Writing instruments	4.4939
58	3872	Pencils	0.7136

**Annexure 3: Index Number of Industrial Production (1951 to 1993-94) – Sector-wise Coverage and Weight**

Industry group	1951=100		1956=100		1960=100		1970=100		1980-81=100		1993-94=100	
	No of items	Weight	No. of items	Weight	No. of items	Weight	No. of items	Weight	No. of items	Weight	No. of items	Weight
1	2	3	4	5	6	7	8	9	10	11	12	13
Mining & Quarrying	2	7.16	2	7.47	33	9.72	61	9.69	61	11.46	64	10.47
Manufacturing	85	90.68	198	88.85	278	84.91	290	81.08	290	77.11	478	79.36
Electricity	1	2.16	1	3.68	1	5.37	1	9.23	1	11.43	1	10.17
<b>Total</b>	<b>88</b>	<b>100.00</b>	<b>201</b>	<b>100.00</b>	<b>312</b>	<b>100.00</b>	<b>352</b>	<b>100.00</b>	<b>352</b>	<b>100.00</b>	<b>543 *</b>	<b>100.00</b>

\* clubbed into 287 item groups : Mining & Quarrying -1, Manufacturing - 285, Electricity - 1.

#### Annexure 4: Distribution of Weights at Division level of Industrial Classification

NIC	Description	Gross Value Added (Rs lakh) *	Weight 1993-94
1	2	3	4
Division1	Mining & Quarrying	1686500	104.73 (114.64)
Division 2 & 3	Manufacturing	12778500	793.58 (771.07)
	Registered	8133800	505.13
	Unregistered	4644700	288.45
Division4	Electricity	1637400	101.69 (114.29)
<b>Total</b>		<b>16102400</b>	<b>1000.00</b>

\*Source : National Accounts Division, CSO.

Note : Figures within parentheses indicate corresponding 1980-81 weights.

#### Annexure 5: Distribution of Weights at 2-digit level of Industrial Classification – Old and Revised Series

Industry	Description	Weight		Number of items	
		1980-81	1993-94	1980-81	1993-94
1	2	3	4	5	6
20-21	Manufacture of Food Products	53.27	90.83	11	26
22	Manufacture of Beverages, Tobacco and related Products	15.71	23.82	4	8

23	Manufacture of Cotton Textiles	123.09	55.18	6	18
24	Manufacture of Wool, Silk and man-made fibre textiles	–	22.58	–	15
25	Manufacture of Jute and other vegetable fibre Textiles (except cotton)	19.99	5.9	5	7
26	Manufacture of Textile products (including Wearing Apparel)	8.17	25.37	2	8
27	Manufacture of Wood and Wood products; Furniture and Fixtures	4.48	27.01	2	6
28	Manufacture of Paper and Paper Products and Printing, Publishing and Allied Industries	32.35	26.52	6	17
29	Manufacture of Leather and Leather and Fur products	4.89	11.39	4	13
30	Manufacture of Basic Chemicals & Chemical Products (except products of Petroleum & Coal)	40.00	140.02	24	91
31	Manufacture of Rubber, Plastic, Petroleum and Coal products	125.13	57.28	96	38
32	Manufacture of Non-Metallic Mineral Products	29.99	43.97	5	18
33	Manufacture of Basic Metal and Alloy Industries	98.02	74.53	26	55
34	Manufacture of Metal Products and Parts, except Machinery and Equipment	22.88	28.10	16	18
35-36	Manufacture of machinery and Equipment other than Transport Equipment	120.19	95.65	59	97
37	Manufacture of Transport Equipment and Parts	63.86	39.84	12	31
38	Other Manufacturing Industries	9.05	25.59	12	12
<b>1</b>	<b>Mining &amp; Quarrying</b>	<b>114.64</b>	<b>104.73</b>	<b>61</b>	<b>64</b>
<b>2&amp;3</b>	<b>Manufacturing</b>	<b>771.07</b>	<b>793.58</b>	<b>290</b>	<b>478</b>
<b>4</b>	<b>Electricity</b>	<b>114.29</b>	<b>101.69</b>	<b>1</b>	<b>1</b>
	<b>General</b>	<b>1000.00</b>	<b>1000.00</b>	<b>352</b>	<b>543</b>

Note : The NIC group 30 and 31 have been interchanged in the revised Series as compared to 1980-81 series on account of adoption of NIC-1987.

### **Annexure 6: Index Number of Industrial Production (Annual Growth Rates)** (Base 1993-94)

(Provisional)

Year	Mining & Quarrying		Manufacturing		Electricity		General	
	Revised series base1993-94	1980-81 series adjusted to base1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base1993-94	1980-81 series adjusted to base 1993-94

1	2	3	4	5	6	7	8	9
1994-95	107.6 (7.6)	107.5 (7.5)	108.5 (8.5)	109.8 (9.5)	108.5 (8.5)	108.5 (8.5)	108.4 (8.4)	109.4 (9.4)
1995-96	117.9 (9.5)	115.5 (7.4)	123.5 (13.8)	124.7 (13.6)	117.3 (8.1)	117.3 (8.1)	122.3 (12.7)	122.6 (12.1)
1996-97	115.6 (-1.9)	115.9 (0.3)	131.8 (6.7)	135.5 (8.7)	121.9 (3.9)	121.9 (3.9)	129.0 (5.6)	131.3 (7.1)
1997-98	122.1 (5.6)	121.6 (4.9)	140.5 (6.6)	140.4 (3.6)	130.2 (6.9)	130.2 (6.9)	137.5 (6.6)	136.8 (4.2)

Figures in brackets indicate growth rates over previous year.

### Annexure 7: Index Number of Industrial Production - Sectoral Level (Base: 1993-94) (Contd.)

(Provisi

Month	1994-95		1995-96		1996-97		1997-98	
	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1997-98 adjusted to base 1993-94
1	2	3	4	5	6	7	8	
<b>A. Mining and Quarrying</b>								
April	90.8	88.3	108.7	101.1	111.5	107.4	116.6	
May	95.9	94.5	115.6	108.9	115.0	112.1	119.2	
June	95.2	89.4	112.2	105.7	107.2	104.0	114.6	
July	99.9	92.4	113.3	105.6	111.0	105.0	115.6	
August	102.6	95.3	112.6	105.3	108.3	102.8	114.2	
September	102.3	106.3	109.5	102.8	108.0	104.1	113.5	
October	110.3	105.5	113.7	108.4	115.3	115.1	120.7	
November	111.4	110.2	114.7	115.2	115.3	117.4	122.8	
December	119.7	121.4	123.7	124.5	120.0	125.0	128.6	
January	119.7	124.8	127.7	132.2	121.6	129.2	133.5	
February	113.7	120.0	122.4	128.5	117.8	124.5	126.6	
March	130.1	141.9	140.3	147.5	136.2	144.7	138.9	
<b>Average</b>	<b>107.6</b>	<b>107.5</b>	<b>117.9</b>	<b>115.5</b>	<b>115.6</b>	<b>115.9</b>	<b>122.1</b>	
<b>B. Manufacturing Sector</b>								
April	100.1	95.6	115.6	112.0	129.8	126.4	134.8	
May	100.6	96.0	113.6	112.1	130.4	129.8	134.1	
June	101.9	102.5	112.2	110.6	125.8	129.9	133.4	
July	103.2	106.0	116.6	115.8	125.5	129.8	134.2	
August	102.8	106.2	116.8	118.7	128.4	133.5	134.0	
September	103.0	106.2	121.5	124.5	125.8	131.7	136.4	

October	102.9	108.5	116.3	120.7	126.7	134.2	136.2
November	108.8	110.5	123.2	125.9	125.8	131.0	138.3
December	117.1	119.1	133.0	135.2	138.8	144.0	148.9
January	120.5	119.1	135.7	136.4	138.1	141.1	151.4
February	115.2	116.8	132.9	136.2	136.8	142.6	149.2
March	126.4	131.3	144.3	148.6	149.1	151.9	155.1
<b>Average</b>	<b>108.5</b>	<b>109.8</b>	<b>123.5</b>	<b>124.7</b>	<b>131.8</b>	<b>135.5</b>	<b>140.5</b>

**Annexure 7: Index Number of Industrial Production - Sectoral Level**  
(Base: 1993-94) (Concl.)

(Provisi

Month	1994-95		1995-96		1996-97		1997-98
	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94
1	2	3	4	5	6	7	8
<b>C. Electricity</b>							
April	102.5	102.5	114.1	114.1	119.6	119.6	123.9
May	107.1	107.1	119.8	119.8	123.9	123.9	128.8
June	100.2	100.2	114.8	114.8	112.8	112.8	123.0
July	102.0	102.0	114.6	114.6	118.3	118.3	128.7
August	105.5	105.5	114.7	114.7	118.5	118.5	128.8
September	104.7	104.7	112.4	112.4	116.6	116.6	127.5
October	109.8	109.8	115.3	115.2	123.2	123.1	129.4
November	107.1	107.1	114.5	114.5	121.1	121.1	124.5
December	117.8	117.8	122.0	122.0	127.7	127.7	131.7
January	115.6	115.6	122.2	122.2	129.5	129.5	142.1
February	109.9	109.9	116.7	116.7	118.4	118.4	131.3
March	119.6	119.6	126.4	126.3	132.9	132.9	143.1
<b>Average</b>	<b>108.5</b>	<b>108.5</b>	<b>117.3</b>	<b>117.3</b>	<b>121.9</b>	<b>121.9</b>	<b>130.2</b>
<b>D. General Index</b>							
April	99.4	95.8	114.7	111.0	126.8	123.3	131.8
May	100.8	97.4	114.4	112.8	128.1	126.9	132.0
June	101.0	100.7	112.5	110.6	122.5	124.5	130.4
July	102.7	103.8	116.1	114.5	123.2	125.3	131.7
August	103.1	104.8	116.1	116.6	125.3	127.8	131.4
September	103.1	106.0	119.3	120.3	123.0	126.4	133.1
October	104.4	108.3	115.9	118.5	125.2	130.4	133.9
November	108.9	110.0	121.4	123.1	124.2	128.0	135.3
December	117.4	119.1	130.9	132.1	135.7	139.5	145.0
January	119.9	119.3	133.5	133.9	135.5	138.1	148.6
February	114.5	116.2	130.2	132.6	132.9	137.1	145.0
March	126.1	130.9	142.1	145.3	146.1	148.4	152.2
<b>Average</b>	<b>108.4</b>	<b>109.4</b>	<b>122.3</b>	<b>122.6</b>	<b>129.0</b>	<b>131.3</b>	<b>137.5</b>

**Annexure 8: Comparison of Index Number of Industrial Production - Revised and Old Series (at 2-digit)  
(Base: 1993-94)**

Industry Group (NIC-1987)	Description	1994-95		1995-96		1996-97		1993-94
		Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	
1	2	3	4	5	6	7	8	9
20-21	Manufacture of Food Products	121.6	113.5	129.8	129.4	134.2	133.7	135
22	Manufacture of Beverages, Tobacco and related Products	103.0	97.8	116.7	116.8	132.4	134.0	156
23	Manufacture of Cotton Textiles	99.1	97.1	109.5	107.9	122.7	119.1	127
24	Manufacture of Wool, Silk and man-made fibre textiles	114.5	n.a.	131.3	n.a.	145.1	n.a.	164
25	Manufacture of Jute and other vegetable fibre Textiles (except cotton)	95.1	88.6	102.4	90.7	98.0	92.9	114
26	Manufacture of Textile products (including Wearing Apparel)	98.5	107.1	133.7	122.2	146.3	130.1	158
27	Manufacture of Wood and Wood products; Furniture and Fixtures	99.3	103.1	123.2	120.8	131.9	116.8	127
28	Manufacture of Paper and Paper Products and Printing, Publishing and Allied Industries	108.6	114.8	125.5	127.5	136.9	138.5	146
29	Manufacture of Leather and Leather and Fur products	86.8	103.7	99.1	111.3	108.4	113.6	113
30	Manufacture of Basic Chemicals & Chemical Products (except products of Petroleum & Coal )	105.3	103.2	117.2	111.6	122.7	116.8	139
31	Manufacture of Rubber, Plastic, Petroleum and Coal products	107.7	109.5	116.1	119.7	118.4	122.3	124
32	Manufacture of Non-Metallic Mineral Products	108.0	108.0	131.7	121.1	141.8	131.0	170
33	Manufacture of Basic Metal and Alloy Industries	113.1	95.7	131.0	100.7	139.8	135.4	141
34	Manufacture of Metal Products and Parts, except Machinery and Equipment	104.7	117.6	100.6	137.4	111.0	140.0	119
35-36	Manufacture of machinery and Equipment other than Transport Equipment	112.8	120.6	134.7	144.8	141.7	147.6	150
37	Manufacture of Transport Equipment and Parts	113.2	113.2	132.8	141.1	149.9	167.9	148
38	Other Manufacturing Industries	104.0	101.0	117.7	112.6	123.8	106.1	119
<b>1</b>	<b>Mining &amp; Quarrying</b>	<b>107.6</b>	<b>107.5</b>	<b>117.9</b>	<b>115.5</b>	<b>115.6</b>	<b>115.9</b>	<b>122</b>
<b>2&amp;3</b>	<b>Manufacturing</b>	<b>108.5</b>	<b>109.8</b>	<b>123.5</b>	<b>124.7</b>	<b>131.8</b>	<b>135.5</b>	<b>140</b>
<b>4</b>	<b>Electricity</b>	<b>108.5</b>	<b>108.5</b>	<b>117.3</b>	<b>117.3</b>	<b>121.9</b>	<b>121.9</b>	<b>130</b>
	<b>General</b>	<b>108.4</b>	<b>109.4</b>	<b>122.3</b>	<b>122.6</b>	<b>129.0</b>	<b>131.3</b>	<b>137</b>

Note : The NIC Groups 30 and 31 have been interchanged in the Revised Series as compared on account of adoption of NIC - 198 n.a. - not available.

**Annexure 9: Comparison of Growth Rates - Revised and Old Series (at 2-digit level)**  
(Base: 1993-94)

(P)

Industry Group (NIC-1987)	Description	1994-95		1995-96		1996-97		1997
		Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94
1	2	3	4	5	6	7	8	9
20-21	Manufacture of Food Products	21.6	13.5	6.8	14.0	3.4	3.3	1.1
22	Manufacture of Beverages, Tobacco and related Products	3.0	-2.2	13.4	19.4	13.5	14.7	18.5
23	Manufacture of Cotton Textiles	-0.9	-2.9	10.6	11.1	12.0	10.4	4.1
24	Manufacture of Wool, Silk and man-made fibre textiles	14.5	n.a.	14.7	n.a.	10.5	n.a.	13.3
25	Manufacture of Jute and other vegetable fibre Textiles (except cotton)	-4.9	-11.4	7.7	2.4	-4.3	2.3	16.4
26	Manufacture of Textile products (including Wearing Apparel)	-1.5	7.1	35.7	14.1	9.5	6.5	8.1
27	Manufacture of Wood and Wood products; Furniture and Fixtures	-0.7	3.1	24.1	17.2	7.0	-3.3	-3.4
28	Manufacture of Paper and Paper Products and Printing, Publishing and Allied Industries	8.6	14.8	15.6	11.1	9.1	8.6	6.7
29	Manufacture of Leather and Leather and Fur products	-13.3	3.7	14.2	7.3	9.4	2.0	4.2
30	Manufacture of Basic Chemicals & Chemical Products (except products of Petroleum & Coal )	5.3	3.2	11.3	8.1	4.7	4.7	13.9
31	Manufacture of Rubber, Plastic, Petroleum and Coal products	7.7	9.5	7.8	9.3	2.0	2.2	5.0
32	Manufacture of Non-Metallic Mineral Products	8.0	8.0	21.9	12.1	7.7	8.2	19.9
33	Manufacture of Basic Metal and Alloy Industries	13.1	-4.3	15.8	5.2	6.7	34.5	1.0
34	Manufacture of Metal Products and Parts, except Machinery and Equipment	4.7	17.6	-3.8	16.8	10.3	1.9	7.4
35-36	Manufacture of machinery and Equipment other than Transport Equipment	12.8	20.6	19.5	20.2	5.2	1.9	5.8
37	Manufacture of Transport Equipment and Parts	13.2	13.2	17.4	24.6	12.9	19.0	-1.3
38	Other Manufacturing Industries	4.0	1.0	13.2	11.5	5.2	-5.8	-3.2
<b>1</b>	<b>Mining &amp; Quarrying</b>	<b>7.6</b>	<b>7.5</b>	<b>9.5</b>	<b>7.4</b>	<b>-1.9</b>	<b>0.3</b>	<b>5.6</b>
<b>2&amp;3</b>	<b>Manufacturing</b>	<b>8.5</b>	<b>9.8</b>	<b>13.8</b>	<b>13.6</b>	<b>6.7</b>	<b>8.7</b>	<b>6.6</b>
<b>4</b>	<b>Electricity</b>	<b>8.5</b>	<b>8.5</b>	<b>8.1</b>	<b>8.1</b>	<b>3.9</b>	<b>3.9</b>	<b>6.9</b>
	<b>General</b>	<b>8.4</b>	<b>9.4</b>	<b>12.7</b>	<b>12.1</b>	<b>5.6</b>	<b>7.1</b>	<b>6.6</b>



Note : The NIC Groups 30 and 31 have been interchanged in the Revised Series as compared on account of adoption of NIC - 198 n.a. - not available.

**Annexure 10 : Index Number of Industrial Production at 2-digit level (Base 1993-94) (Contd.)**  
(Provisional)

<b>Month</b>	<b>1994-95</b>	<b>1995-96</b>	<b>1996-97</b>	<b>1997-98</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Industry group 20-21: Manufacture of Food Products</b>				
April	106.6	152.3	177.3	162.2
May	100.3	119.0	148.0	126.5
June	98.6	107.8	119.6	112.9
July	107.2	97.9	98.7	100.2
August	85.2	88.6	97.4	100.0
September	100.5	97.4	97.7	103.6
October	90.6	95.5	95.6	99.0
November	127.7	123.4	107.5	118.9
December	161.4	157.2	161.0	164.4
January	159.2	169.0	162.4	177.9
February	156.4	165.3	167.9	176.5
March	165.2	184.0	177.2	186.4
<b>Average</b>	<b>121.6</b>	<b>129.8</b>	<b>134.2</b>	<b>135.7</b>
<b>Industry group 22: Manufacture of Beverages, Tobacco and Related Products</b>				
April	103.2	117.3	138.4	139.9
May	107.2	111.7	140.5	143.9
June	106.9	111.6	134.6	148.5
July	103.8	105.9	119.9	156.8
August	110.8	108.0	135.4	160.2
September	98.3	111.6	127.2	152.6
October	87.8	131.2	121.8	162.0
November	102.9	116.5	124.2	159.0
December	98.5	129.1	138.3	162.0
January	107.8	117.6	142.4	160.9
February	103.4	104.2	130.4	158.9
March	105.0	135.8	136.2	177.6
<b>Average</b>	<b>103.0</b>	<b>116.7</b>	<b>132.4</b>	<b>156.9</b>
<b>Industry group 23: Manufacture of Cotton Textiles</b>				
April	98.0	102.3	114.2	126.0
May	97.4	103.9	116.9	129.5
June	95.7	106.6	118.5	124.0
July	100.3	112.5	128.4	131.6
August	97.6	109.6	128.7	128.0
September	97.8	108.0	123.2	129.5
October	98.3	103.5	122.1	124.7
November	96.2	107.9	114.9	124.7
December	105.4	114.3	125.3	133.6
January	100.1	114.2	126.8	132.2
February	98.5	113.1	122.0	119.9
March	103.5	118.6	131.7	129.7

<b>Average</b>	<b>99.1</b>	<b>109.5</b>	<b>122.7</b>	<b>127.8</b>
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**Annexure 10 : Index Number of Industrial Production at 2-digit level (Base 1993-94) (Contd.)**

<b>Month</b>	<b>1994-95</b>	<b>1995-96</b>	<b>1996-97</b>	<b>1997-98</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**Industry group 24: Manufacture of Wool, Silk and Man-made Fibre Textiles**

April	113.7	118.8	130.3	141.4
May	110.5	115.8	134.0	154.8
June	109.1	118.1	132.1	162.6
July	119.8	129.2	143.3	168.2
August	117.5	134.4	152.0	162.0
September	107.1	137.0	140.4	183.1
October	104.0	129.6	146.8	170.8
November	107.5	140.3	151.4	169.6
December	121.5	135.4	152.2	168.1
January	125.2	142.8	157.4	165.0
February	114.2	133.8	146.6	161.5
March	123.9	140.9	154.8	165.7
<b>Average</b>	<b>114.5</b>	<b>131.3</b>	<b>145.1</b>	<b>164.4</b>

**Industry group 25: Manufacture of Jute and other Vegetable Fibre Textiles (except cotton)**

April	95.7	105.2	101.0	116.0
May	77.0	95.2	81.4	108.8
June	75.5	88.7	74.3	101.8
July	85.2	97.0	66.4	110.3
August	87.9	75.2	87.9	113.9
September	89.8	112.1	101.8	116.2
October	96.6	111.3	105.6	115.0
November	106.2	120.0	111.4	120.7
December	110.7	101.9	114.7	120.5
January	106.9	111.8	113.8	115.2
February	101.8	102.8	100.0	109.3
March	108.2	108.1	118.0	121.2
<b>Average</b>	<b>95.1</b>	<b>102.4</b>	<b>98.0</b>	<b>114.1</b>

**Industry group 26: Manufacture of Textiles Products (including Wearing Apparel)**

April	93.5	118.2	149.1	144.5
May	93.0	120.3	157.6	155.6
June	91.2	123.6	141.8	148.7
July	101.4	136.3	147.9	158.7
August	98.5	132.5	168.5	161.8
September	98.7	130.5	138.9	168.9
October	99.9	132.5	140.9	157.4
November	97.6	138.6	129.4	165.2
December	107.7	147.6	147.8	160.6
January	99.5	139.9	152.6	155.9

February	97.8	138.4	132.0	153.2
March	103.2	145.7	149.4	168.3
<b>Average</b>	<b>98.5</b>	<b>133.7</b>	<b>146.3</b>	<b>158.2</b>

**Annexure 10 : Index Number of Industrial Production at 2-digit level (Base 1993-94) (Contd.)**

<b>Month</b>	<b>1994-95</b>	<b>1995-96</b>	<b>1996-97</b>	<b>1997-98</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**Industry group 27: Manufacture of Wood and Wood Products; Furniture & Fixtures**

April	98.9	118.4	140.1	156.5
May	103.9	114.7	141.9	139.6
June	94.5	111.0	140.4	129.1
July	88.0	127.2	131.8	121.5
August	93.3	126.7	142.8	121.5
September	92.1	118.5	121.1	123.2
October	95.7	116.9	128.4	123.0
November	90.9	111.8	124.4	123.1
December	103.4	125.4	111.3	107.7
January	132.0	121.6	126.2	127.7
February	100.9	136.4	135.8	135.4
March	98.3	149.9	138.4	121.0
<b>Average</b>	<b>99.3</b>	<b>123.2</b>	<b>131.9</b>	<b>127.4</b>

**Industry group 28: Manufacture of Paper & Paper Products and Printing, Publishing and Allied Activities**

April	102.7	113.9	129.8	136.2
May	102.8	119.8	125.3	133.1
June	105.9	118.2	129.6	142.6
July	106.0	125.7	133.9	141.2
August	104.0	126.8	140.0	142.6
September	103.3	120.9	138.5	141.3
October	104.5	120.9	145.6	153.0
November	113.3	124.8	136.3	147.8
December	106.7	123.3	149.0	155.9
January	119.9	141.0	140.8	150.9
February	111.4	134.1	132.6	154.8
March	122.2	136.3	141.0	152.8
<b>Average</b>	<b>108.6</b>	<b>125.5</b>	<b>136.9</b>	<b>146.0</b>

**Industry group 29: Manufacture of Leather and Leather & Fur Products**

April	86.9	81.8	84.3	106.5
May	85.5	91.0	95.4	106.5
June	89.0	90.7	105.4	117.6
July	84.1	98.1	113.6	124.6
August	82.2	100.9	109.3	112.3
September	82.3	97.9	111.3	101.1
October	85.1	91.9	108.9	107.1
November	91.9	107.1	126.2	115.9
December	94.5	115.2	117.8	110.7

January	92.8	108.0	115.4	119.2
February	96.2	107.9	105.4	115.6
March	70.6	98.3	107.9	119.0
<b>Average</b>	<b>86.8</b>	<b>99.1</b>	<b>108.4</b>	<b>113.0</b>

**Annexure 10 : Index Number of Industrial Production at 2-digit level (Base 1993-94) (Contd.)**

<b>Month</b>	<b>1994-95</b>	<b>1995-96</b>	<b>1996-97</b>	<b>1997-98</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**Industry group 30: Manufacture of Basic Chemicals & Chemical Products (except Products of Petroleum and Coal)**

April	100.2	110.9	113.9	124.1
May	98.4	111.5	123.7	128.4
June	107.8	112.6	114.7	131.9
July	102.1	114.1	118.3	141.4
August	105.1	117.4	126.1	145.9
September	102.4	119.6	122.6	145.2
October	108.7	113.7	124.7	142.7
November	109.4	114.9	123.1	140.8
December	102.5	120.5	125.2	145.1
January	112.2	125.0	128.6	147.2
February	105.0	119.9	121.8	139.0
March	110.0	126.6	130.3	146.5
<b>Average</b>	<b>105.3</b>	<b>117.2</b>	<b>122.7</b>	<b>139.9</b>

**Industry group 31: Manufacture of Rubber, Plastic, Petroleum and Coal Products**

April	98.3	109.7	115.4	112.7
May	104.6	112.2	127.1	128.2
June	108.4	114.8	118.3	124.9
July	113.1	115.5	114.9	128.1
August	114.6	109.5	116.6	119.9
September	111.2	128.0	111.7	115.4
October	110.1	116.4	117.2	120.4
November	102.2	116.1	113.3	126.6
December	109.5	123.9	129.8	131.1
January	107.3	114.1	112.2	126.5
February	106.6	113.5	113.2	129.1
March	106.4	119.2	131.5	128.8
<b>Average</b>	<b>107.7</b>	<b>116.1</b>	<b>118.4</b>	<b>124.3</b>

**Industry group 32: Manufacture of Non-Metallic Mineral Products**

April	111.1	122.7	137.7	155.6
May	103.4	122.1	136.6	163.2
June	103.3	118.9	141.6	156.0
July	103.7	131.2	148.4	152.6
August	103.8	131.7	138.8	151.3
September	97.5	130.5	139.0	150.0
October	103.0	124.7	137.4	169.6
November	101.7	128.5	130.0	153.7

December	110.1	133.6	136.8	193.0
January	111.5	151.1	147.5	193.7
February	115.3	141.9	145.3	198.9
March	131.6	143.1	163.1	203.4
<b>Average</b>	<b>108.0</b>	<b>131.7</b>	<b>141.9</b>	<b>170.1</b>

**Annexure 10 : Index Number of Industrial Production at 2-digit level (Base 1993-94) (Contd.)**

<b>Month</b>	<b>1994-95</b>	<b>1995-96</b>	<b>1996-97</b>	<b>1997-98</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**Industry group 33: Manufacture of Basic Metal and Alloy Industries**

April	105.8	118.7	132.3	130.2
May	110.1	121.2	131.4	136.0
June	105.7	119.8	130.0	133.9
July	107.1	125.7	137.4	130.6
August	111.7	130.9	141.1	138.0
September	109.6	126.8	138.7	139.8
October	113.3	130.0	143.1	145.9
November	114.8	129.3	138.4	141.5
December	118.9	130.8	143.2	148.8
January	123.6	146.9	148.4	150.8
February	114.0	140.6	139.6	144.1
March	123.0	151.5	154.5	154.8
<b>Average</b>	<b>113.1</b>	<b>131.0</b>	<b>139.8</b>	<b>141.2</b>

**Industry group 34: Manufacture of Metal Products and Parts, except Machinery and Equipment**

April	112.7	107.2	104.7	111.7
May	99.7	92.3	103.9	106.8
June	87.8	94.8	111.0	119.3
July	84.9	101.6	102.1	104.1
August	93.0	96.9	105.0	107.2
September	118.1	99.2	98.9	113.6
October	86.8	94.3	108.8	118.7
November	100.1	104.3	135.0	118.5
December	123.2	101.4	121.2	126.5
January	111.7	100.0	111.7	132.6
February	99.3	101.9	112.0	138.4
March	138.5	113.7	118.1	133.0
<b>Average</b>	<b>104.7</b>	<b>100.6</b>	<b>111.0</b>	<b>119.2</b>

**Industry group 35-36: Manufacture of Machinery and Equipment other than Transport Equipment**

April	88.1	106.3	133.3	137.5
May	96.0	115.3	128.3	137.8
June	101.7	109.4	132.9	146.2
July	102.2	122.7	136.0	145.7
August	104.3	130.1	138.6	143.9
September	104.9	143.9	143.2	150.8
October	108.5	126.1	136.9	148.0

November	115.5	140.0	133.6	153.6
December	123.3	161.2	153.3	160.4
January	128.2	149.1	141.7	160.7
February	128.2	146.3	151.9	156.1
March	152.3	166.3	170.9	159.2
<b>Average</b>	<b>112.8</b>	<b>134.7</b>	<b>141.7</b>	<b>150.0</b>

**Annexure 10 : Index Number of Industrial Production at 2-digit level (Base 1993-94) (Concl.)**

Month	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5

**Industry group 37: Manufacture of Transport Equipment and Parts**

April	93.6	104.2	122.5	132.6
May	102.1	118.6	137.9	147.8
June	105.1	124.4	147.5	145.1
July	109.5	122.8	149.5	151.6
August	109.5	125.0	139.4	143.3
September	107.8	136.2	156.1	151.0
October	108.7	127.6	144.3	138.8
November	104.8	138.3	141.7	144.8
December	120.3	143.4	160.9	146.3
January	122.6	145.0	157.4	150.0
February	115.7	149.8	164.0	158.8
March	158.4	158.7	178.0	166.6
<b>Average</b>	<b>113.2</b>	<b>132.8</b>	<b>149.9</b>	<b>148.1</b>

**Industry group 38: Other Manufacturing Industries**

April	87.5	104.0	108.1	132.2
May	95.1	101.5	132.1	119.4
June	94.1	103.0	130.6	115.8
July	94.0	110.5	122.9	115.8
August	110.9	111.0	117.0	113.9
September	96.7	121.0	112.9	121.5
October	98.2	113.3	131.0	116.8
November	105.9	119.7	117.7	112.8
December	113.7	114.0	120.5	116.9
January	118.3	121.5	114.7	116.3
February	112.1	130.1	127.9	125.1
March	121.3	163.1	150.5	131.5
<b>Average</b>	<b>104.0</b>	<b>117.7</b>	<b>123.8</b>	<b>119.8</b>

**Annexure 11: Index Number of Industrial production - Use-based Classification (Contd.)**  
(Base: 1993-94)

Month	1994-95		1995-96		1996-97		1997-98	
	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94

(Provisional)

1	2	3	4	5	6	7	8	9
<b>Basic Goods</b>								
April	98.5	95.0	112.9	108.2	117.7	116.3	124.1	124.5
May	102.7	97.3	116.6	110.4	121.0	120.8	129.2	129.8
June	100.0	95.7	114.4	106.9	115.0	114.9	124.5	124.7
July	100.9	96.7	116.7	109.5	120.6	118.6	126.4	126.9
August	106.2	99.8	117.6	112.4	122.5	120.0	127.6	126.9
September	103.8	100.5	115.6	109.4	119.2	119.5	127.7	127.8
October	110.3	105.5	118.0	109.9	124.9	123.4	133.4	132.3
November	111.0	107.3	116.9	111.9	123.5	122.8	130.0	130.9
December	118.0	116.2	124.0	118.6	128.6	128.5	136.2	136.6
January	118.3	115.8	130.1	123.1	131.2	131.4	142.3	143.1
February	112.2	111.2	126.5	121.0	125.6	125.7	134.3	135.9
March	124.0	125.7	137.9	130.4	141.4	141.7	147.1	148.6
<b>Average</b>	<b>108.9</b>	<b>105.5</b>	<b>120.6</b>	<b>114.3</b>	<b>124.3</b>	<b>123.6</b>	<b>131.9</b>	<b>132.3</b>
<b>Annual Growth (%)</b>	<b>8.9</b>	<b>5.5</b>	<b>10.7</b>	<b>8.3</b>	<b>3.1</b>	<b>8.1</b>	<b>6.1</b>	<b>7.0</b>
<b>Capital Goods</b>								
April	86.3	90.2	92.2	114.4	109.1	134.1	99.0	156.8
May	88.8	96.5	94.4	122.8	106.4	142.9	114.9	148.8
June	89.8	111.2	92.2	117.6	113.4	153.8	121.8	151.1
July	90.7	127.2	95.8	127.4	112.1	142.2	116.2	153.4
August	96.1	121.5	102.5	133.1	109.8	146.0	116.9	144.5
September	100.8	129.2	114.2	155.2	119.0	152.7	125.1	152.7
October	94.2	124.2	102.9	149.2	114.6	160.6	122.9	138.1
November	107.7	123.3	110.7	155.6	121.5	150.0	121.3	156.0
December	118.3	132.7	128.4	169.4	128.8	169.9	131.5	154.9
January	120.2	135.1	119.1	161.1	119.2	156.6	109.9	144.5
February	115.0	135.4	120.2	164.3	135.9	174.9	136.9	149.3
March	159.9	171.3	147.4	196.4	152.9	186.5	136.6	145.4
<b>Average</b>	<b>105.7</b>	<b>124.8</b>	<b>110.0</b>	<b>147.2</b>	<b>120.2</b>	<b>155.8</b>	<b>121.1</b>	<b>149.6</b>
<b>Annual Growth (%)</b>	<b>5.7</b>	<b>24.8</b>	<b>4.1</b>	<b>17.9</b>	<b>9.3</b>	<b>5.8</b>	<b>0.7</b>	<b>-4.0</b>
<b>Intermediate Goods</b>								
April	99.4	98.7	112.8	105.6	129.6	121.5	140.0	129.7
May	101.0	99.9	117.2	107.1	133.9	124.5	142.0	131.4
June	103.4	101.8	116.0	109.2	133.1	122.5	143.1	131.9
July	104.1	103.8	123.8	113.0	133.7	126.0	147.3	138.3
August	103.2	106.7	124.2	114.5	136.4	133.6	145.4	137.0
September	101.3	101.6	128.0	115.0	133.9	126.1	143.5	136.5
October	103.7	104.4	120.4	112.9	135.0	128.6	144.7	136.9
November	102.2	103.2	125.6	115.4	130.3	125.9	146.8	139.3
December	108.3	107.3	133.4	122.5	140.4	131.2	154.1	142.0
January	113.3	105.1	133.6	125.3	139.1	130.5	145.8	136.9
February	108.7	104.2	132.2	122.2	135.0	125.9	151.8	134.3
March	114.2	107.7	137.5	128.0	145.7	131.1	153.6	138.3
<b>Average</b>	<b>105.3</b>	<b>103.7</b>	<b>125.4</b>	<b>115.9</b>	<b>135.5</b>	<b>127.3</b>	<b>146.5</b>	<b>136.0</b>
<b>Annual Growth (%)</b>	<b>5.3</b>	<b>3.7</b>	<b>19.1</b>	<b>11.8</b>	<b>8.1</b>	<b>9.8</b>	<b>8.1</b>	<b>6.8</b>

**Annexure 11: Index Number of Industrial production - Use-based Classification (Concl.)**  
(Base: 1993-94)

(Provisional)

Month	1994-95		1995-96		1996-97		1997-98	
	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94	Revised series base 1993-94	1980-81 series adjusted to base 1993-94
1	2	3	4	5	6	7	8	9
<b>Consumer Goods</b>								
April	103.5	99.6	126.6	118.9	141.8	130.1	137.9	130.1
May	101.8	96.1	115.8	113.9	139.0	127.9	132.1	124.0
June	104.0	100.9	113.7	113.5	125.4	120.5	128.7	121.5
July	107.9	98.4	114.8	114.8	120.6	124.0	128.9	126.9
August	101.4	99.2	111.5	112.7	123.9	123.3	128.1	126.1
September	104.7	101.2	117.6	117.1	118.8	118.0	132.8	127.4
October	101.2	103.9	113.6	114.5	119.8	120.1	128.2	125.3
November	112.8	109.7	126.8	124.7	120.4	121.4	135.7	136.7
December	125.1	123.9	137.9	136.1	142.7	143.0	152.4	150.0
January	127.9	125.0	142.7	140.0	143.0	142.3	157.6	152.8
February	122.8	120.1	136.4	138.0	139.2	137.5	155.1	149.6
March	128.3	126.3	149.8	146.7	150.7	144.0	162.2	153.8
<b>Average</b>	<b>111.8</b>	<b>108.7</b>	<b>125.6</b>	<b>124.3</b>	<b>132.1</b>	<b>129.4</b>	<b>140.0</b>	<b>135.3</b>
<b>Annual Growth (%)</b>	<b>11.8</b>	<b>8.7</b>	<b>12.3</b>	<b>14.4</b>	<b>5.2</b>	<b>4.1</b>	<b>6.0</b>	<b>4.6</b>
<b>Consumer Durables</b>								
April	103.6	97.4	123.5	119.4	134.7	136.7	146.2	150.4
May	109.0	103.4	130.1	129.4	144.6	151.2	152.5	154.2
June	113.3	105.8	134.5	137.6	148.5	153.8	157.7	162.0
July	109.3	101.9	139.4	137.8	153.7	162.5	162.0	170.7
August	112.8	103.7	140.6	136.0	153.2	157.1	158.8	169.4
September	114.5	103.5	151.3	152.0	148.4	151.5	163.0	172.5
October	116.0	110.7	135.3	134.4	148.7	146.6	155.4	158.6
November	109.5	106.0	156.9	162.3	146.6	148.2	166.3	185.8
December	124.6	119.8	151.3	156.1	165.3	171.6	173.8	183.7
January	127.0	119.3	161.1	177.2	160.3	167.7	178.6	191.7
February	125.4	118.0	158.8	169.2	157.6	165.9	176.8	189.4
March	129.8	133.1	171.4	189.1	173.9	185.6	186.3	198.9
<b>Average</b>	<b>116.2</b>	<b>110.2</b>	<b>146.2</b>	<b>150.0</b>	<b>153.0</b>	<b>158.2</b>	<b>164.8</b>	<b>173.8</b>
<b>Annual Growth (%)</b>	<b>16.2</b>	<b>10.2</b>	<b>25.8</b>	<b>36.1</b>	<b>4.7</b>	<b>5.5</b>	<b>7.7</b>	<b>9.9</b>
<b>Consumer non- durables</b>								
April	103.5	100.2	127.3	118.8	143.4	128.5	136.1	125.2
May	100.2	94.4	112.7	110.1	137.8	122.2	127.6	116.6
June	101.9	99.7	109.1	107.6	120.3	112.4	122.3	111.6
July	107.6	97.5	109.4	109.2	113.3	114.5	121.6	115.0
August	98.9	98.1	105.1	107.0	117.4	115.0	121.4	115.6
September	102.6	100.7	110.2	108.6	112.3	109.8	126.1	116.4
October	98.0	102.2	108.8	108.6	113.5	113.6	122.2	117.2
November	113.5	110.7	120.2	115.5	114.6	114.9	129.0	124.7
December	125.2	124.9	135.0	131.2	137.7	136.0	147.7	141.8
January	128.1	126.5	138.6	131.0	139.2	136.0	153.0	143.8
February	122.2	120.7	131.5	130.4	135.1	130.6	150.3	139.8
March	128.0	124.7	145.0	136.3	145.6	133.8	156.9	143.4
<b>Average</b>	<b>110.8</b>	<b>108.4</b>	<b>121.1</b>	<b>117.9</b>	<b>127.5</b>	<b>122.3</b>	<b>134.5</b>	<b>125.9</b>



<b>Annual Growth (%)</b>	<b>10.8</b>	<b>8.4</b>	<b>9.3</b>	<b>8.8</b>	<b>5.3</b>	<b>3.7</b>	<b>5.5</b>	<b>2.9</b>
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