

ASD Unit

FOR OFFICIAL USE ONLY



REPORT
ON
INDEX NUMBERS
OF
INDUSTRIAL PRODUCTION
RAJASTHAN

(BASE 1970=100)

(1986 TO 1994)

DIRECTORATE OF ECONOMICS & STATISTICS, RAJASTHAN.
YOJANA BHAWAN, JAIPUR.

REPORT
ON
INDEX NUMBERS
OF
INDUSTRIAL PRODUCTION
RAJASTHAN

(BASE 1970=100)

(1986 TO 1994)

DIRECTORATE OF ECONOMICS & STATISTICS, RAJASTHAN.
YOJANA BHAWAN, JAIPUR.

Asst. Unit

P R E F A C E

The report on Index Numbers of Industrial production (Base 1970=100) 1986 to 1994 has been prepared on the basis of monthwise production data received from various industrial units in Rajasthan. This report is the second attempt of its kind in the State.

The present report contains monthwise and groupwise index numbers of Manufacturing, Mining & Electricity sectors for the period 1986 to 1994. Annual average and growth of different sectors have also been worked out and have been incorporated in this report. I hope this publication would be found useful by Planners, Research scholars and others interested in the industrial development of the State.

Suggestions for improvement are most welcome.

B.P.S. Pawar

(B.P.S. Pawar)

Director
Economics & Statistics, Rajasthan,
Jaipur.

Jaipur,
Dated: August 1995.

OFFICERS/OFFICIALS ASSOCIATED WITH THIS PUBLICATION

- | | |
|-------------------------|-----------------------|
| 1. Smt. Leela Bhatnagar | Joint Director |
| 2. Shri B.S.Jat | Dy. Director |
| 3. Smt. Manju Vijay | Statistical Officer |
| 4. Shri Rajendra Singh | Statistical Assistant |
| 5. Shri Mahesh Kumar | Statistical Assistant |

PROCESSED BY

- | | |
|--------------------|-----------------------|
| 1. Shri G.K.Sharma | Joint Director |
| 2. Shri H.R.Singh | Programmer |
| 3. Shri P.D.Gupta | Statistical Assistant |

* - * - *

REPORT ON THE CONSTRUCTION OF THE INDEX OF INDUSTRIAL
PRODUCTION (MONTHWISE) 1986 TO 1994.

BASE 1970=100

CONTENTS

PAGE NO.

I. INTRODUCTION, METHODOLOGY & REVIEW ON GENERAL INDEX 1-5

II.

TABLE NO. STATISTICAL TABLES DESCRIPTION

1. GENERAL INDEX OF INDUSTRIAL PRODUCTION (ANNUAL AVERAGE)	6
2. MONTHWISE GENERAL INDEX OF INDUSTRIAL PRODUCTION	7-8
3. MONTHWISE INDEX OF MANUFACTURING SECTOR	9-10
4. MONTHWISE INDEX OF ELECTRICITY SECTOR	11-12
5. MONTHWISE INDEX OF MINING SECTOR	13-14
6. WEIGHTING DIAGRAM	15-16
7. SECTORWISE WEIGHTING DIAGRAM	17
8. AVERAGE INDEX OF INDUSTRIAL PRODUCTION AT THREE DIGIT LEVEL (MANUFACTURING SECTOR)	18-19
9. AVERAGE INDEX OF INDUSTRIAL PRODUCTION AT THREE DIGIT LEVEL (ELECTRICITY AND MINING SECTORS)	20-21
10. MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1986	22-24
11. MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1987	25-27
12. MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1988	28-30
13. MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1989	31-33
14. MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1990	34-36
15. MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1991	37-39

Contd...

TABLE NO.	STATISTICAL TABLES DESCRIPTION	PAGE NO.
16.	MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1992	40-42
17.	MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1993	43-45
18.	MONTHWISE INDEX OF MANUFACTURING SECTOR YEAR 1994	46-48
19.	MONTHWISE INDEX OF MINING & ELECTRICITY SECTORS YEAR 1986	49-51
20.	MONTHWISE INDEX OF MINING & ELECTRICITY SECTORS YEAR 1987	52-54
21.	MONTHWISE INDEX OF MINING & ELECTRICITY SECTORS YEAR 1988	55-57
22.	MONTHWISE INDEX OF MINING & ELECTRICITY SECTORS YEAR 1989	58-60
23.	MONTHWISE INDEX OF MINING & ELECTRICITY SECTORS YEAR 1990	61-63
24.	MONTHWISE INDEX OF MINING & ELECTRICITY SECTORS YEAR 1991	64-66
25.	MONTHWISE GENERAL INDEX NUMBER OF INDUSTRIAL PRODUCTION	67-75

* - * - *

INDEX NUMBER OF INDUSTRIAL PRODUCTION IN RAJASTHAN
(Base Year 1970=100) 1986-94.

1. INTRODUCTION

Index number of Industrial Production (IIP) is one of the indicators of economic development and a tool in assessing the trend in the behaviour of industrial production over a period of time with reference to a chosen base period. The industrial sector (registered & unregistered manufacturing) contributes about eleven percent of the State Income in Rajasthan. Index of Industrial Production is regarded as one of the important measures in gauging industrial growth in the state.

2. BASE YEAR

The year 1970 has been taken as the base year for the preparation of index number of Industrial Production.

3. SCOPE & COVERAGE

3.1 The index of Industrial Production for Rajasthan State covers production in Manufacturing, Electricity & Mining sectors. The scope of index in manufacturing sector is restricted to factories registered under section 2m(i) & section 2m(ii) of Indian Factories Act, 1948 and working within the jurisdiction of Rajasthan State.

3.2 The index is based on 67 individual items of production. Among the three sectors covered by the index, manufacturing covers 43 items, Electricity - one and Mining - 23.

4. SELECTION OF ITEMS

4.1 MANUFACTURING SECTOR

4.11 SELECTION OF INDUSTRY GROUPS

The Industry Groups upto three digit level were taken into consideration for the selection of industries. On the basis of tabulation of Annual Survey of Industries 1970-71. The three digit Industry Groups were arranged in descending order of their value-added and a cut off point was made for the industry group, where the percentage of commulative total of value-added to grand total of value added comes to 95 percent. By this procedure 13 industry groups came under selection, which included among others "Manufacture of Textiles not else where classified", "Printing, Publishing and allied industries" and "Manufacture of non metallic mineral products not else

where classified". These three industry groups have not been included in the index coverage because first two groups were of servicing nature and the third one had the heterogeneous units of measurement. To compensate the loss and to keep up the share of value added of covered industry groups above 90 percent of total value added, two industry groups viz. "Sugar factories and Refineries" and "Miscellaneous manufacturing industries not else where classified" were added to the finally selected industry groups.

4.12 Selection of items within the selected three digit industry groups

According to guide lines of CSO, all the items which formed at least 95 percent of the total value of production of the respective group were to be included in the index basket. If this criterion was to be followed, many items in almost each selected industry group had to be chosen. Further, for each selected item, the number of factories was also large. It was, practically not possible to ensure the regular flow of data from all such units.

As such we had restricted our approach to selecting those items of which the value of production individually formed at least five percent of total value of production of all items in the industry group, with this criterion 50 items were selected. However, the information relating to production of three items viz. M.S. section, Bangles and Khandsari Sugar was not forthcoming. Three items, viz. Railway wagon, Edible oil and crushed bone have been taken as separate items in the process of selection.

As such the preparation of index number has to be restricted to 43 items in manufacturing sector.

4.2 Mining Sector

In the mining sector 23 items were selected on the basis of importance and availability of production data. For this purpose the mining sector was divided into

- (1) Metallic Mineral
- and (2) Non-Metallic Mineral

4.3 Electricity Sector

"Generation of Electricity" is the only item in this sector and the Rajasthan State Electricity Board has been treated as the single establishment.

5. Weighting Diagram

5.1 The weights have been given to manufacturing, mining and electricity sectors in proportion of the value added by these sectors to the total value added in 1970-71 which comes to 73.25, 9.64 and 17.11 respectively.

5.2 Weights of the industry groups at three digit level of the above sectors have been distributed on the basis of the proportionate share of the value added of each industry groups to the total value added for all the selected industry groups taken together.

5.3 The industry group weights have been distributed amongst the selected items of that industry group on the basis of the proportionate share of value of production of each item to the total value of production of all selected items in that industry group.

6. Method of Calculation

6.1 The index for each industry group/sector and for the state as a whole have been calculated by using weighted arithmetic mean as under:-

6.2 Industry Group Level

$$\text{Formula:- } \sum_j \left(\frac{P_{nij}}{P_{oij}} \right) \times W_{ij}$$

$$I_i = \frac{\sum_j \left(\frac{P_{nij}}{P_{oij}} \right) \times W_{ij}}{\sum_j W_{ij}}$$

Where, I_i = Index of production for i^{th} industry.

P_{nij} = Current Month Production of the j^{th} item of i^{th} industry.

P_{oij} = Average Monthly Production of the j^{th} item of i^{th} industry.

W_{ij} = Weight assigned to the j^{th} item of i^{th} industry.

P, n, o and W denotes production, current month, base month and weight respectively.

6.3 Sector Level

At the sector level the Index has been worked out by taking weighted arithmetic average of indices by using the following formula.

$$I_s = \frac{\sum_i I_i \times W_i}{\sum_i W_i}$$

Where,

I_s = Sector level Index.

I_i = Index of i^{th} industry.

W_i = Weight assigned to the i^{th} industry.

6.4 State Level

$$I = \frac{\sum_s I_s \times W_s}{\sum W_s}$$

Where, I = Index of Industrial Production for the State as a whole.

I_s & W_s are Index Number and Weight assigned to Sectors respectively.

7. Source of Data

7.1 The required data of production was obtained directly from the respective manufacturing units.

7.2 Source of mining sector data are Indian Bureau of Mines, Nagpur and Directorate of Mines & Geology, Udaipur.

7.3 Rajasthan State Electricity Board provides data of electricity generation, Which includes electricity generated and the share of state in joint ventures with other states.

8. General Review

An analysis of the General Index of Industrial Production reveals that there is an increasing trend in the industrial production during the period 1986-94. The General Index of industrial production which was 316.79 in the year 1986 increased to 563.88 in the year 1994 registering an increase of 78.00% during the period 1986-94. The maximum increase of 28.67% was observed in the year 1986 over previous year 1985 and the minimum increase of 1.72% was observed in the year 1990 over the previous year 1989.

Index numbers for the three sub sectors viz. Manufacturing, Electricity and Mining sectors are not in exact commensuration with the general index. Production under electricity has increased at a faster rate (106.09 percent) as compared to the manufacturing sector (68.63 percent) and mining sector (23.31 percent).

Under manufacturing sector the index number stood at 317.32 in the year 1994 with an increase of 68.63 percent over the year 1986. This index has declined 2.94 percent in the year 1992 over the previous year 1991. It however increased to 293.32 in the year 1993 showing an increase of 10.34 percent over the previous year. The maximum increase in index was observed in the year 1987 (25.74 percent) over the previous year.

Index Number of Electricity Sector have shown an increasing trend. The maximum increase of magnitude 80.45 percent was observed in the year 1986 over the previous year 1985. The maximum increase was observed in the year 1990 (2.65 percent) over the previous year 1989.

Under mining sector, index number has declined marginally during 1986 (1.80 percent) as compared to the 1985 index number. It however increased to 522.29 in the year 1987 showing an increase of 11.54 percent in relation to the index of the preceding year. Since the monthwise data of production were not received from IBM Nagpur, the index number for the year 1992 & onwards is repeated.

* - * - *

TABLE - 1

General Index of Industrial Production (Annual Average)
(Base Year 1970=100)

S.No	year	SECTORS			average General Index
		Manufacturing	Electricity	Mining	
1	2	3	4	5	6
1	1986	188.17 (9.79)	782.09 (80.45)	468.26 (-1.80)	316.79 (28.67)
2	1987	236.61 (25.74)	814.79 (4.18)	522.79 (11.54)	363.08 (14.61)
3	1988	254.88 (7.72)	927.72 (13.86)	547.14 (4.76)	398.18 (9.67)
4	1989	271.61 (6.56)	1093.58 (17.88)	553.89 (1.23)	439.46 (10.37)
5	1990	273.68 (0.76)	1122.53 (2.65)	565.31 (2.06)	447.03 (1.72)
6	1991	273.87 (0.07)	1303.19 (16.09)	577.41 (2.14)	479.25 (7.21)
7	1992	265.83 (-2.94)	1449.41 (11.22)	577.41 (R) (0.00)	498.38 (3.99)
8	1993	293.32 (10.34)	1569.38 (8.28)	577.41 (R) (0.00)	539.04 (8.16)
9	*1994	317.32 (8.18)	1611.8 (2.70)	577.41 (R) (0.00)	563.88 (4.61)
10	1995	321.03	1913.11	576.43	634.37
11	1996	* Provisional 299.00			
			2018.36	831.04	644.45
Figures in brackets are the percentage change over the previous year.					
12	1997	281.36	2093.66 (10.4)	757.03	631.28
	1998				

Table - 2

Monthwise General Index of Industrial Production
(Base 1970=100)

Month	YEAR				
	1986	1987	1988	1989	1990
1	2	3	4	5	6
January	309.81	344.96	383.14	433.15	465.50
Feburary	310.88	334.59	387.27	405.70	438.77
March	362.57	391.42	414.40	467.02	479.05
April	325.28	357.97	376.58	438.48	442.42
May	307.21	359.50	394.42	432.49	451.13
June	299.82	371.43	403.13	433.59	429.40
July	292.44	372.94	375.07	431.17	420.91
August	298.07	372.07	372.73	425.33	440.95
September	340.75	345.25	397.50	437.54	432.80
October	306.72	371.12	397.71	451.23	428.41
November	305.64	365.40	431.50	450.15	460.97
December	342.27	370.28	444.67	467.65	488.15
Average Index	316.79	363.08	398.18	439.46	447.03

Contd...

Table - 2

Monthwise General Index of Industrial Production
(Base 1970=100)

Month	YEAR			
	1991	1992	1993	1994
1	7	8	9	10
January	494.66	521.22	579.62	591.72
February	469.65	510.34	527.01	544.27
March	512.99	531.98	567.76	632.23
April	442.30	481.94	490.56	554.53
May	465.47	484.64	518.69	586.38
June	426.10	459.97	482.58	527.63
July	454.09	473.42	493.70	498.53
August	464.95	449.20	528.18	524.44
September	464.68	468.83	517.66	508.52
October	509.29	502.13	559.44	560.40
November	506.80	521.61	583.09	604.24
December	543.43	584.27	620.20	633.62
Average Index	479.25	498.38	539.04	563.88

Table - 3

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Month	YEAR				
	1986	1987	1988	1989	1990
1	2	3	4	5	6
January	187.05	240.00	247.47	258.68	277.93
Feburary	189.70	213.36	251.65	230.51	276.49
March	216.05	220.89	267.70	278.36	290.25
April	204.85	231.50	245.97	278.88	267.73
May	175.99	235.81	242.32	273.69	273.83
June	175.82	243.65	259.67	279.37	263.56
July	173.57	243.84	245.76	282.34	259.79
August	178.13	254.42	239.71	284.32	279.33
September	201.77	226.38	256.46	281.45	288.71
October	184.78	246.45	248.69	284.66	262.92
November	173.57	234.77	268.94	261.27	266.00
December	196.73	248.29	284.22	265.74	277.58
Average Index	188.17	236.61	254.88	271.61	273.68

Contd.,,

Table - 3

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Month	YEAR			
	1991	1992	1993	1994
1	7	8	9	10
January	276.34	274.00	278.22	334.33
Feburary	272.08	273.15	250.97	289.69
March	295.87	283.22	263.48	367.11
April	273.66	281.20	280.82	354.27
May	280.74	266.78	294.29	354.51
June	232.65	249.57	280.08	286.96
July	266.32	282.96	306.14	300.62
August	284.83	260.55	301.87	303.20
September	265.25	251.71	311.44	286.12
October	280.97	248.91	317.95	298.37
November	269.47	252.63	303.64	308.55
December	288.21	265.30	330.97	324.18
Average Index	273.87	265.83	293.32	317.32

Table - 4

Monthwise Index of Electricity Sector
(Base 1970=100)

Month	YEAR				
	1986	1987	1988	1989	1990
1	2	3	4	5	6
January	740.11	689.83	832.59	1099.43	1202.85
Feburary	737.05	676.70	885.60	1062.68	1057.51
March	894.45	970.89	952.09	1191.81	1210.62
April	773.91	824.67	853.36	1051.85	1115.99
May	775.10	832.28	960.59	1059.25	1080.40
June	752.65	851.95	911.81	1006.87	1042.41
July	717.46	858.53	852.25	989.44	1008.91
August	757.29	801.48	867.59	990.95	1042.36
September	866.05	759.46	905.96	1077.83	1033.62
October	733.71	842.43	963.90	1143.01	1114.75
November	785.99	843.69	1056.62	1217.61	1225.05
December	851.30	825.56	1089.92	1232.20	1335.90
Average Index	782.09	814.79	927.72	1093.58	1122.53

Contd...

Table - 4

Monthwise Index of Electricity Sector
(Base 1970=100)

Month	YEAR			
	1991	1992	1993	1994
1	7	8	9	10
January	1378.72	1564.29	1887.52	1718.05
Feburary	1281.24	1461.88	1706.90	1642.22
March	1390.64	1555.78	1849.46	1782.85
April	1156.56	1355.72	1407.94	1467.39
May	1247.55	1419.36	1500.59	1638.40
June	1195.82	1321.34	1322.90	1556.74
July	1186.86	1228.59	1247.89	1299.74
August	1172.70	1184.60	1469.29	1441.73
September	1252.39	1334.56	1364.25	1419.24
October	1412.66	1508.07	1547.50	1636.88
November	1438.19	1596.81	1737.78	1840.37
December	1524.94	1861.67	1790.56	1898.03
Average Index	1303.19	1449.41	1569.38	1611.80

Table - 5

Monthwise Index of Mining Sector
(Base 1970=100)

Month	YEAR				
	1986	1987	1988	1989	1990
1	2	3	4	5	6
January	478.86	530.38	615.66	576.26	582.06
Feburary	475.26	648.60	533.28	570.86	573.67
March	531.84	658.65	574.79	614.18	615.15
April	444.10	490.59	522.82	562.50	574.30
May	473.84	460.26	545.23	526.66	681.50
June	438.35	489.51	590.38	587.91	601.55
July	441.36	492.09	510.66	571.18	601.55
August	394.31	503.83	505.14	492.85	601.55
September	464.41	513.35	566.74	487.10	461.30
October	475.47	481.93	525.14	489.09	467.73
November	456.58	509.11	557.15	523.23	586.30
December	544.71	489.18	518.63	644.83	583.47
Average Index	468.26	522.29	547.14	553.89	565.31

Contd..

Table - 5

Monthwise Index of Mining Sector
(Base 1970=100)

Month	YEAR			
	1991	1992 (R)	1993 (R)	1994 (R)
1	7	8	9	10
January	584.42	584.42	584.42	584.42
Feburary	530.38	530.38	530.38	530.38
March	605.02	605.02	605.02	605.02
April	456.02	456.02	456.02	456.02
May	481.00	481.00	481.00	481.00
June	529.85	529.85	529.85	529.85
July	580.28	580.28	580.28	580.28
August	577.40	577.40	577.40	577.40
September	582.00	582.00	582.00	582.00
October	640.76	640.76	640.76	640.76
November	657.07	657.07	657.07	657.07
December	740.68	740.68	740.68	740.68
Average Index	577.41	579.41	579.41	579.41

Note:- R = Repeated

Table - 6

INDEX OF INDUSTRIAL PRODUCTION**WEIGHTING DIAGRAM**
(Base 1970=100)

S.No.	Group Name of the Group	Value	Percentage
Code		Added	To
No.		000 Rs.	Total
(A) Manufacturing Sector :-			
1	207 Sugar Factories & Refineries	946	0.21
2	209 Miscellaneous Food Preparation	12099	2.62
3	231 Spinning, Weaving & Finishing of Textiles	170012	36.86
4	311 Basic Industries, Chemicals including Fertilisers	68955	14.95
5	334 Cement	34622	7.50
6	341 Iron & Steel Basic Metal Industries	13545	2.94
7	342 Non-Ferrous Basic Metal Industries	14964	3.24
8	360 Machinery Except Electrical Machinery	43857	9.51
9	370 Electrical Machines, Apparatus, Appliances & Supplies	20330	4.41
10	382 Manufacture of Rail Road Equipments	53052	11.50
11	391 Manuf. of Professional Scientific Measuring & Controlling Instruments	25632	5.56
12	399 Miscellaneous Mfg. Industries not Elsewhere Classified	3210	0.70
Total		461224	100.00

Contd...

Table - 6

INDEX OF INDUSTRIAL PRODUCTIONWEIGHTING DIAGRAM

(Base 1970=100)

S.No.	Group Name of Mining Group	Sale Value 000 Rs.	Percentage To Total
Code No.			
1	2	3	4
			5
(B) Mining Sector :-			
/ 1	124 Silver Ore	649	1.07
/ 2	125 Copper Ore	847	1.40
/ 3	126 Lead & Zinc	10715	17.64
/ 4	128 Tungsten	1004	1.65
/ 5	190 Stone Quarrying, Clay & Sand Pits	13754	22.64
/ 6	191 Chemicals & Fertiliser Minerals	16065	26.46
/ 7	194 Mica	4928	8.12
/ 8	195 Gypsum	7256	11.95
/ 9	199 Other Mining Not Elsewhere Classified	5500	9.07
Total		60718	100.00
(C) Electricity Sector :-			
1	Electricity	107722	100.00

TABLE - 7

INDEX OF INDUSTRIAL PRODUCTIONSECTORWISE WEIGHTING DIAGRAM
(Base 1970=100)

S.No.	Sector	Value added ('000 Rs.)	Weight (Percentage to total value added)
1	2	3	4
1.	Manufacturing	461224	73.25
2.	Mining	60718	9.64
3.	Electricity	107722	17.11
	Total	1229624	100.00

629664

Table - 8

Average Index of Industrial Production at Three Digit Level
(Base 1970=100)

Manufacturing Sector :-

Group						
S.No.	Code	Name of Industry	1986	1987	1988	1989
1	2	3	4	5	6	7
General Index of Mfg.Sector			188.17	236.61	254.88	271.61
1	207	Sugar Factories & Refineries	75.17	123.49	31.03	52.32
2	209	Miscellaneous Food Preparation	248.76	218.28	254.49	189.96
3	231	Spinning, Weaving & Finishing of Textiles	266.07	401.84	421.03	436.24
4	311	Basic Industries, Chemicals Including Fertilisers	143.61	125.22	147.67	176.71
5	334	Cement	234.46	251.96	265.54	269.31
6	341	Iron & Steel Basic Metal Industries	135.79	191.63	199.05	173.16
7	342	Non-Ferrous Basic Metal Industries	246.22	199.99	231.03	266.95
8	360	Machinery Except Electrical Machinery	163.92	160.57	148.83	146.92
9	370	Electrical Machines, Apparatus Appliances & Supplies	79.75	74.33	104.56	143.02
10	382	Manufacture of Rail Road Equipments	95.83	78.63	118.30	125.85
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	50.87	64.90	74.33	180.57
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	47.98	95.91	47.48	30.41

Contd...

Table - 8

**Average Index of Industrial Production at Three Digit Level
(Base 1970=100)**

Manufacturing Sector :-

S. Group No. Code Name of Industry			1990	1991	1992	1993	1994 (Prov.)
1	2	3	8	9	10	11	12
General Index of Mfg. Sector			273.68	273.87	265.83	293.32	317.32
1	207	Sugar Factories & Refineries	53.94	116.83	168.79	106.67	73.45
2	209	Miscellaneous Food Preparation	217.60	199.80	168.40	181.86	189.60
3	231	Spinning, Weaving & Finishing of Textiles	452.13	444.73	439.43	470.92	521.67
4	311	Basic Industries, Chemicals Including Fertilisers	171.78	172.54	170.00	190.36	182.32
5	334	Cement	275.56	257.26	309.73	314.08	448.22
6	341	Iron & Steel Basic Metal Industries	179.39	168.90	188.50	222.98	232.43
7	342	Non-Ferrous	254.20	264.95	253.70	377.08	446.96
8	360	Machinery Except Electrical Machinery	169.02	180.94	161.70	178.04	267.14
9	370	Electrical Machines, Apparatus Appliances & Supplies	98.66	203.59	116.29	92.00	80.84
10	382	Manufacture of Rail Road Equipments	166.82	154.38	133.12	200.10	64.21
11	391	Manuf. of Professional Scientific Measuring & Controlling Inst.	21.00	13.79	20.02	24.09	21.52
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	26.95	27.20	24.97	34.02	30.34

Table - 9

Average Index of Industrial Production at Three Digit Level
(Base 1970=100)

Electricity & Mining Sector

S.No.	Group Name of Industry	1986	1987	1988	1989
Code					
No.					
1	2	3	4	5	6
					7
Electric Light & Power					
1	511 Electricity	782.09	814.78	927.72	1093.58
Mining Sector					
		468.26	522.29	547.14	553.89
1	124 Silver Ore	341.54	380.03	398.04	380.15
2	125 Copper Ore	12668.27	13972.69	14673.61	13798.96
3	126 Lead & Zinc	605.29	637.38	709.01	789.15
4	128 Tunguston Concentrates (Wolfram)	99.98	99.43	87.25	69.79
5	190 Stone Quarring & Clay	311.39	325.73	321.11	370.41
6	191 Chemical & Fertilisers Minerals	240.60	267.10	292.17	296.87
7	194 Mica (All)	42.69	88.27	58.50	57.92
8	195 Gypsum	177.19	208.10	188.83	193.05
9	199 Other Mining not Elsewhere Classified	224.50	245.28	264.04	294.07

Contd...

Table - 9

Average Index of Industrial Production at Three Digit Level
(Base 1970=100)

Electricity & Mining Sector

S.No.	Group Name of Industry	1990	1991	1992	1993	1994
Code						
No.				(R)	(R)	(R)
1	2	3	8	9	10	11
						12

Electric Light & Power

1	511 Electricity	1122.53	1303.19	1449.41	1569.38	1611.80
---	-----------------	---------	---------	---------	---------	---------

Mining Sector

		565.31	577.41	577.41	577.41	577.41
1	124 Silver Ore	296.08	179.40	179.40	179.40	179.40
2	125 Copper Ore	13728.47	14054.23	14054.23	14054.23	14054.23
3	126 Lead & Zinc	831.60	1136.68	1136.68	1136.68	1136.68
4	128 Tunguston Concentrates (Wolfram)	88.48	56.28	56.28	56.28	56.28
5	190 Stone Quarring & Clay	369.96	381.40	381.40	381.40	381.40
6	191 Chemical & Fertilisers Minerals	232.30	146.73	146.73	146.73	146.73
7	194 Mica (All)	34.56	31.13	31.13	31.13	31.13
8	195 Gypsum	183.11	190.90	190.90	190.90	190.90
9	199 Other Mining not Elsewhere Classified	293.19	295.18	295.18	295.18	295.18

R = Repeated

Table - 10

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1986

Group			Jan.	Feb.	March	April
S.No.	Code	Name of Industry				
1	2	3	4	5	6	7
General Index			187.05	189.76	216.05	204.85
1	207	Sugar Factories & Refineries	204.33	105.71	19.43	49.52
2	209	Miscellaneous Food Preparation	235.14	241.37	282.33	298.89
3	231	Spinning, Weaving & Finishing of Textiles	268.12	265.39	283.55	315.70
4	311	Basic Industries, Chemicals Including Fertilisers	136.69	141.95	150.86	153.95
5	334	Cement	213.73	227.42	299.06	228.02
6	341	Iron & Steel Basic Metal Industries	119.88	80.12	81.36	140.49
7	342	Non-Ferrous Basic Metal Industries	205.19	211.76	290.42	245.73
8	360	Machinery Except Electrical Machinery	157.70	137.79	251.54	131.51
9	370	Electrical Machines, Apparatus Appliances & Supplies	135.93	145.88	71.41	162.29
10	382	Manufacture of Rail Road Equipments	107.69	123.07	146.15	91.02
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	17.85	36.88	55.17	68.43
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	33.56	35.80	52.13	55.45

Contd...

Table - 10

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1986

Group		Name of Industry	May	June	July	August
S.No.	Code					
1	2	3	8	9	10	11
General Index			175.99	175.82	173.57	178.12
1	207	Sugar Factories & Refineries	11.38	-	-	-
2	209	Miscellaneous Food Preparation	296.25	264.99	271.72	194.37
3	231	Spinning, Weaving & Finishing of Textiles	251.62	257.04	248.96	248.82
4	311	Basic Industries, Chemicals Including Fertilisers	151.37	135.88	92.25	128.60
5	334	Cement	193.94	227.34	255.83	239.77
6	341	Iron & Steel Basic Metal Industries	97.29	139.63	147.09	176.88
7	342	Non-Ferrous Basic Metal Industries	199.01	224.27	207.25	216.61
8	360	Machinery Except Electrical Machinery	152.28	128.87	150.91	132.80
9	370	Electrical Machines, Apparatus Appliances & Supplies	61.63	46.07	48.05	39.27
10	382	Manufacture of Rail Road Equipments	73.07	82.05	105.13	123.08
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	52.62	23.21	23.38	46.26
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	65.35	58.46	51.24	38.61

Contd...

Table - 10

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1986

S. Group		Name of Industry	Year - 1986				Annual Average
No.	Code		Sep.	Oct.	Nov.	Dec.	
1	2	3	12	13	14	15	16
General Index			201.77	184.78	173.57	196.73	188.17
1	207	Sugar Factories & Refineries	-	-	-	60.67	75.17
2	209	Miscellaneous Food Preparation	262.14	274.05	216.97	196.89	248.76
3	231	Spinning, Weaving & Finishing of Textiles	268.49	271.67	239.74	273.77	266.07
4	311	Basic Industries, Chemicals Including Fertilisers	174.93	143.93	132.48	180.40	143.61
5	334	Cement	258.59	221.65	247.50	200.67	234.46
6	341	Iron & Steel Basic Metal Industries	273.00	102.37	106.69	164.69	135.79
7	342	Non-Ferrous Basic Metal Industries	233.21	234.65	248.35	272.32	246.22
8	360	Machinery Except Electrical Machinery	159.32	155.64	206.38	202.35	163.92
9	370	Electrical Machines, Apparatus Appliances & Supplies	44.74	52.85	58.12	52.52	79.75
10	382	Manufacture of Rail Road Equipments	126.92	71.79	25.64	74.36	95.83
11	391	Manuf.of Professional Scientific Measuring & Controlling Inst.	48.71	53.49	81.80	102.67	50.87
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	54.13	49.71	39.60	41.74	47.98

Table - 11

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year = 1987

Group						
S.No.	Code	Name of Industry	Jan.	Feb.	March	April
1	2	3	4	5	6	7
General Index			240.00	213.36	220.89	231.50
1	207	Sugar Factories & Refineries	232.33	171.24	119.67	109.43
2	209	Miscellaneous Food Preparation	125.03	136.27	276.33	253.91
3	231	Spinning, Weaving & Finishing of Textiles	378.62	315.63	328.09	413.09
4	311	Basic Industries, Chemicals Including Fertilisers	173.60	157.93	132.39	122.30
5	334	Cement	268.54	259.20	328.10	241.86
6	341	Iron & Steel Basic Metal Industries	216.09	242.00	172.89	169.12
7	342	Non-Ferrous Basic Metal Industries	275.58	230.77	262.41	177.35
8	360	Machinery Except Electrical Machinery	169.42	163.87	168.08	160.55
9	370	Electrical Machines, Apparatus Appliances & Supplies	119.10	115.54	62.56	56.96
10	382	Manufacture of Rail Road Equipments	88.37	110.26	111.54	147.43
11	391	Manuf.of Professional, Scientific Measuring & Controlling'Inst.	54.97	39.60	69.63	100.32
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	30.79	28.69	39.86	50.77

Contd...

Table - 11

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1987

Group						
S.No.	Code	Name of Industry	May	June	July	August
1	2	3	8	9	10	11
General Index			235.81	243.65	243.84	254.42
1	207	Sugar Factories & Refineries	70.95	-	-	-
2	209	Miscellaneous Food Preparation	242.29	234.60	256.32	241.61
3	231	Spinning, Weaving & Finishing of Textiles	414.22	409.48	416.03	452.50
4	311	Basic Industries, Chemicals Including Fertilisers	130.18	149.03	108.68	119.57
5	334	Cement	262.99	262.42	240.16	224.00
6	341	Iron & Steel Basic Metal Industries	173.54	229.70	248.49	237.69
7	342	Non-Ferrous Basic Metal Industries	166.26	184.15	215.37	200.24
8	360	Machinery Except Electrical Machinery	153.77	168.52	165.12	170.04
9	370	Electrical Machines, Apparatus Appliances & Supplies	63.57	60.56	56.13	62.67
10	382	Manufacture of Rail Road Equipments	42.31	76.92	100.00	84.62
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	76.78	59.48	92.17	73.70
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	56.06	49.63	61.44	47.69

Contd...

Table - 11

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1987

S. No.	Group Code	Name of Industry	Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15	16
General Index			226.38	246.45	234.77	248.29	236.61
1	207	Sugar Factories & Refineries	-	-	-	37.29	123.49
2	209	Miscellaneous Food Preparation	182.64	238.46	208.55	223.33	218.28
3	231	Spinning, Weaving & Finishing of Textiles	396.94	456.81	402.45	438.21	401.84
4	311	Basic Industries, Chemicals Including Fertilisers	63.93	95.34	125.15	134.56	125.22
5	334	Cement	236.53	253.57	236.65	209.48	251.96
6	341	Iron & Steel Basic Metal Industries	278.19	79.05	113.50	139.30	191.63
7	342	Non-Ferrous Basic Metal Industries	170.85	169.73	180.90	154.28	199.99
8	360	Machinery Except Electrical Machinery	155.87	139.51	156.58	155.40	160.57
9	370	Electrical Machines, Apparatus Appliances & Supplies	62.69	71.24	83.80	77.11	74.33
10	382	Manufacture of Rail Road Equipments	110.26	91.03	170.69	117.95	78.63
11	391	Manuf. of Professional Scientific Measuring & Controlling Inst.	63.67	63.44	25.74	59.31	64.90
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	59.03	44.54	44.89	28.94	45.19

Table - 12

Monthwise Index of Manufacturing Sector (Base 1970=100)				Year - 1988		
S.No. Group Name of Industry Code		Jan.	Feb.	March	April	
1	2	3	4	5	6	7
General Index		247.47	251.65	267.70	245.97	
1	207 Sugar Factories & Refineries	82.24	13.52	-	29.90	
2	209 Miscellaneous Food Preparation	207.35	247.58	271.24	261.54	
3	231 Spinning, Weaving & Finishing of Textiles	441.34	407.17	425.89	414.94	
4	311 Basic Industries, Chemicals Including Fertilisers	138.79	136.60	134.67	138.94	
5	334 Cement	208.03	239.49	286.07	239.94	
6	341 Iron & Steel Basic Metal Industries	185.10	164.15	172.89	210.80	
7	342 Non-Ferrous Basic Metal Industries	191.72	216.17	246.70	215.68	
8	360 Machinery Except Electrical Machinery	148.66	146.29	163.12	138.74	
9	370 Electrical Machines, Apparatus Appliances & Supplies	99.23	100.73	121.32	106.93	
10	382 Manufacture of Rail Road Equipments	97.40	125.64	144.87	119.23	
11	391 Manuf.of Professional, Scientific Measuring & Controlling Inst.	22.73	96.55	201.06	41.44	
12	399 Miscellaneous Mfg. Industries not Elsewhere Classified	27.60	24.74	35.87	54.17	

Contd...

Table - 12

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1988			
S.No.	Group	Name of Industry	May	June	July	August		
	Code							
1	2	3	8	9	10	11		
General Index			242.32	259.67	245.76	239.71		
1	207	Sugar Factories & Refineries	19.57	-	-	-		
2	209	Miscellaneous Food Preparation	268.06	273.31	261.55	238.86		
3	231	Spinning, Weaving & Finishing of Textiles	389.40	439.14	403.69	397.64		
4	311	Basic Industries, Chemicals Including Fertilisers	143.15	151.51	160.50	121.93		
5	334	Cement	272.53	274.91	260.66	262.49		
6	341	Iron & Steel Basic Metal Industries	225.27	237.69	188.01	223.97		
7	342	Non-Ferrous Basic Metal Industries	202.41	154.43	185.44	228.39		
8	360	Machinery Except Electrical Machinery	152.14	141.19	135.45	141.50		
9	370	Electrical Machines, Apparatus Appliances & Supplies	95.28	257.64	86.06	91.83		
10	382	Manufacture of Rail Road Equipments	133.33	132.05	132.05	125.64		
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	39.26	24.99	49.63	65.38		
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	72.07	56.89	57.03	58.39		

Contd...

Table - 12

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1988

S. Group Name of Industry No. Code			Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15	16
General Index			256.46	248.69	268.89	284.22	254.88
1	207	Sugar Factories & Refineries	-	-	-	9.90	31.03
2	209	Miscellaneous Food Preparation	251.70	265.45	253.39	253.36	254.49
3	231	Spinning, Weaving & Finishing of Textiles	399.32	386.94	458.51	488.35	421.03
4	311	Basic Industries, Chemicals Including Fertilisers	157.00	169.00	160.09	160.09	147.67
5	334	Cement	269.58	283.15	297.77	291.87	265.54
6	341	Iron & Steel Basic Metal Industries	194.93	197.84	183.80	204.10	199.05
7	342	Non-Ferrous Basic Metal Industries	253.99	365.43	275.80	236.21	231.03
8	360	Machinery Except Electrical Machinery	151.84	149.02	146.10	171.89	148.83
9	370	Electrical Machines, Apparatus Appliances & Supplies	110.19	133.28	87.80	108.46	104.56
10	382	Manufacture of Rail Road Equipments	141.03	105.13	82.05	82.05	118.30
11	391	Manuf.of Professional Scientific Measuring & Controlling Inst.	81.55	45.07	93.90	130.40	74.33
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	63.17	43.03	38.83	37.96	47.48

Table - 13

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1989	
S.No.	Group Name of Industry Code	Jan.	Feb.	March	April	
1	2	3	4	5	6	7
General Index		258.68	230.51	278.36	278.88	
1	207 Sugar Factories & Refineries	98.04	111.52	67.19	32.85	
2	209 Miscellaneous Food Preparation	195.56	198.87	197.58	276.69	
3	231 Spinning, Weaving & Finishing of Textiles	445.09	366.74	425.22	460.36	
4	311 Basic Industries, Chemicals Including Fertilisers	169.27	156.39	179.67	106.26	
5	334 Cement	275.31	224.05	283.02	275.07	
6	341 Iron & Steel Basic Metal Industries	183.75	216.02	267.63	114.47	
7	342 Non-Ferrous Basic Metal Industries	241.66	284.57	302.91	232.04	
8	360 Machinery Except Electrical Machinery	161.61	158.08	169.06	157.95	
9	370 Electrical Machines, Apparatus Appliances & Supplies	143.02	75.88	141.07	283.98	
10	382 Manufacture of Rail Road Equipments	85.90	82.05	148.72	102.56	
11	391 Manuf.of Professional, Scientific Measuring & Controlling Inst.	25.61	109.54	195.63	203.77	
12	399 Miscellaneous Mfg. Industries not Elsewhere Classified	29.36	29.66	39.79	38.54	

Contd...

Table - 13

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1989

S.No.	Group Name of Industry	May	June	July	August	
Code						
1	2	3	8	9	10	11
Genrnal Index		273.70	279.37	282.34	284.32	
1	207 Sugar Factories & Refineries	0.28	4.05	-	-	
2	209 Miscellaneous Food Preparation	315.64	294.04	274.73	223.94	
3	231 Spinning, Weaving & Finishing of Textiles	451.80	417.14	464.50	463.89	
4	311 Basic Industries, Chemicals Including Fertilisers	192.09	185.18	185.73	176.71	
5	334 Cement	259.82	281.00	270.74	243.71	
6	341 Iron & Steel Basic Metal Industries	123.44	116.20	111.34	144.28	
7	342 Non-Ferrous Besic Metal Industries	256.76	283.59	325.49	332.47	
8	360 Machinery Except Electrical Machinery	145.83	173.32	159.51	155.90	
9	370 Electrical Machines, Apparatus Appliances & Supplies	111.96	134.68	92.60	73.84	
10	382 Manufacture of Rail Road Equipments	71.79	193.59	96.15	161.54	
11	391 Manuf.of Professional, Scientific Measuring & Controlling Inst.	203.08	210.75	207.18	196.89	
12	399 Miscellaneous Mfg. Industries not Elsewhere Classified	47.04	33.23	29.61	21.04	

Contd...

Table - 13

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1989

S. No.	Group Code	Name of Industry	Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15	16
General Index			281.45	284.66	261.27	265.74	271.61
1	207	Sugar Factories & Refineries	-	-	-	-	52.32
2	209	Miscellaneous Food Preparation	162.19	202.01	235.01	173.24	189.96
3	231	Spinning, Weaving & Finishing of Textiles	440.11	449.56	439.30	411.14	436.24
4	311	Basic Industries, Chemicals Including Fertilisers	172.68	186.60	162.77	175.18	170.71
5	334	Cement	253.29	312.11	283.07	270.55	269.31
6	341	Iron & Steel Basic Metal Industries	183.69	189.63	211.34	216.09	173.16
7	342	Non-Ferrous Basic Metal Industries	238.24	244.19	222.79	238.64	266.95
8	360	Machinery Except Electrical Machinery	164.76	122.63	63.78	130.65	146.92
9	370	Electrical Machines, Apparatus Appliances & Supplies	347.50	165.62	85.39	120.66	143.02
10	382	Manufacture of Rail Road Equipments	125.64	153.85	114.10	174.36	125.85
11	391	Manuf. of Professional Scientific Measuring & Controlling Inst.	204.54	209.77	200.08	199.98	180.57
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	32.69	23.69	16.09	24.13	30.41

Table - 14

Monthwise Index of Manufacturing Sector (Base 1970=100)				Year - 1990			
Group Name of Industry S.No. Code				Jan.	Feb.	March	April
1	2	3		4	5	6	7
General Index				277.93	276.49	290.25	267.73
1	207	Sugar Factories & Refinaries		46.43	101.80	122.38	43.52
2	209	Miscellaneous Food Preparation		220.54	234.63	236.95	305.45
3	231	Spinning, Weaving & Finishing of Textiles		433.87	440.79	444.09	469.98
4	311	Basic Industries, Chemicals Including Fertilisers		180.14	171.45	174.69	172.14
5	334	Cement		314.64	293.51	348.09	289.27
6	341	Iron & Steel Basic Metal Industries		216.20	253.63	295.03	107.99
7	342	Non-Ferrous Basic Metal Industries		234.26	210.41	288.38	229.30
8	360	Machinery Except Electrical Machinery		176.42	160.03	172.85	165.25
9	370	Electrical Machines, Apparatus Appliances & Supplies		163.71	166.88	118.14	76.21
10	382	Manufacture of Rail Road Equipments		193.59	193.59	230.77	67.95
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.		22.60	13.57	20.06	20.44
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified		20.00	18.90	23.17	48.04
						Contd...	

Table - 14

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1990

Group Name of Industry S.No. Code			May	June	July	August
1	2	3	8	9	10	11
General Index			273.83	263.56	259.79	279.33
1	207	Sugar Factories & Refineries	38.71	0.90	-	-
2	209	Miscellaneous Food Preparation	293.40	285.93	194.05	161.57
3	231	Spinning, Weaving & Finishing of Textiles	460.58	434.59	424.36	477.41
4	311	Basic Industries, Chemicals Including Fertilisers	139.77	177.25	166.25	167.62
5	334	Cement	283.34	261.32	257.63	248.06
6	341	Iron & Steel Basic Metal Industries	134.99	184.23	186.18	169.87
7	342	Non-Ferrous Basic Metal Industries	224.48	217.20	271.65	275.22
8	360	Machinery Except Electrical Machinery	172.15	161.47	161.47	153.36
9	370	Electrical Machines, Apparatus Appliances & Supplies	92.96	100.72	77.47	82.59
10	382	Manufacture of Rail Road Equipments	182.05	141.03	169.23	196.15
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	21.31	16.68	25.92	10.97
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	45.34	55.23	23.13	22.33

Contd...

Table - 14

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1990

S. Group Name of Industry No. Code			Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15	16
General Index			288.71	262.92	266.00	277.57	273.68
1	207	Sugar Factories & Refineries	-	-	-	23.86	53.94
2	209	Miscellaneous Food Preparation	168.41	172.39	161.58	176.35	217.60
3	231	Spinning, Weaving & Finishing of Textiles	496.23	448.97	439.80	454.90	452.13
4	311	Basic Industries, Chemicals Including Fertilisers	178.20	177.42	170.53	185.80	171.78
5	334	Cement	269.55	252.56	244.85	243.98	275.56
6	341	Iron & Steel Basic Metal Industries	186.07	134.45	142.77	141.04	179.39
7	342	Non-Ferrous Basic Metal Industries	312.94	285.75	245.95	254.87	254.20
8	360	Machinery Except Electrical Machinery	180.79	127.22	183.22	214.07	169.02
9	370	Electrical Machines, Apparatus Appliances & Supplies	75.24	60.08	82.89	86.37	98.66
10	382	Manufacture of Rail Road Equipments	153.85	153.85	180.77	139.05	166.82
11	391	Manuf.of Professional Scientific Measuring & Controlling Inst.	10.33	30.03	30.03	30.03	21.00
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	20.24	17.73	13.86	15.44	26.95

Table - 15

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1991			
Group Name of Industry S.No. Code			Jan.	Feb.	March	April		
1	2	3	4	5	6	7		
General Index			276.34	272.08	295.87	273.66		
1	207	Sugar Factories & Refineries	164.28	204.88	150.43	92.61		
2	209	Miscellaneous Food Preparation	179.07	186.43	185.56	243.37		
3	231	Spinning, Weaving & Finishing of Textiles	441.86	426.20	465.38	455.33		
4	311	Basic Industries, Chemicals Including Fertilisers	181.87	168.62	170.00	131.25		
5	334	Cement	283.87	233.63	349.93	272.01		
6	341	Iron & Steel Basic Metal Industries	250.86	246.54	370.52	135.10		
7	342	Non-Ferrous Basic Metal Industries	234.70	325.65	260.20	266.69		
8	360	Machinery Except Electrical Machinery	183.71	187.29	182.57	204.09		
9	370	Electrical Machines, Apparatus Appliances & Supplies	157.13	167.72	285.69	202.50		
10	382	Manufacture of Rail Road Equipments	170.51	158.97	150.00	150.00		
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	14.04	14.96	14.38	13.14		
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	25.96	20.51	22.35	42.73		

Contd...

Table - 15

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1991	
Group Name of Industry S.No. Code			May	June	July	August
1	2	3	8	9	10	11
General Index			280.74	232.65	266.32	284.83
1	207	Sugar Factories & Refineries	25.19	-	-	-
2	209	Miscellaneous Food Preparation	286.44	278.94	236.32	141.72
3	231	Spinning, Weaving & Finishing of Textiles	483.58	350.97	426.24	447.83
4	311	Basic Industries, Chemicals Including Fertilisers	146.59	175.11	181.24	182.31
5	334	Cement	251.64	228.11	249.77	268.37
6	341	Iron & Steel Basic Metal Industries	108.64	151.73	180.56	147.84
7	342	Non-Ferrous Basic Metal Industries	239.50	251.96	253.95	268.62
8	360	Machinery Except Electrical Machinery	171.08	143.19	171.91	190.56
9	370	Electrical Machines, Apparatus Appliances & Supplies	189.60	194.89	209.71	210.91
10	382	Manufacture of Rail Road Equipments	148.72	142.31	146.15	156.41
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	22.75	23.06	19.07	11.91
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	27.32	28.79	27.64	29.50

Contd...

Table - 15

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1991

S. Group Name of Industry No. Code			Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15	16
General Index			265.25	280.97	269.47	288.21	273.87
1	207	Sugar Factories & Refineries	-	-	-	63.87	116.83
2	209	Miscellaneous Food Preparation	160.59	157.42	172.47	169.30	199.80
3	231	Spinning, Weaving & Finishing of Textiles	445.75	445.78	459.41	488.44	444.73
4	311	Basic Industries, Chemicals Including Fertilisers	177.30	186.61	178.70	180.94	172.54
5	334	Cement	222.26	355.97	177.86	193.74	257.26
6	341	Iron & Steel Basic Metal Industries	97.95	86.61	81.43	169.01	168.90
7	342	Non-Ferrous Basic Metal Industries	266.48	270.21	259.61	281.88	264.95
8	360	Machinery Except Electrical Machinery	186.25	189.92	175.21	185.55	180.94
9	370	Electrical Machines, Apparatus Appliances & Supplies	194.20	213.12	215.67	201.99	203.59
10	382	Manufacture of Rail Road Equipments	132.05	161.54	156.41	179.49	154.38
11	391	Manuf. of Professional Scientific Measuring & Controlling Inst.	7.02	6.91	7.80	10.44	13.79
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	27.99	30.34	21.97	21.31	27.20

Table - 16

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1992

Group Name of Industry S.No. Code			Jan.	Feb.	March	April
1	2	3	4	5	6	7
General Index			274.00	273.15	283.21	281.20
1	207	Sugar Factories & Refineries	174.33	233.24	249.62	192.67
2	209	Miscellaneous Food Preparation	173.89	173.84	176.15	184.37
3	231	Spinning, Weaving & Finishing of Textiles	452.86	446.65	457.77	449.93
4	311	Basic Industries, Chemicals Including Fertilisers	188.52	171.06	179.07	174.60
5	334	Cement	289.30	355.11	368.22	277.00
6	341	Iron & Steel Basic Metal Industries	137.69	109.08	122.36	196.08
7	342	Non-Ferrous Basic Metal Industries	238.45	233.28	330.69	226.35
8	360	Machinery Except Electrical Machinery	178.42	167.39	193.73	173.13
9	370	Electrical Machines, Apparatus Appliances & Supplies	100.04	96.70	125.11	286.96
10	382	Manufacture of Rail Road Equipments	156.41	166.67	166.67	165.39
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	17.56	17.11	21.88	21.99
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	21.97	27.22	31.48	26.56

Contd...

Table - 16

Monthwise Index of Manufacturing Sector (Base 1970=100)				Year - 1992			
Group Name of Industry S.No. Code		May	June	July	August		
1	2	3	8	9	10	11	
General Index			266.78	249.57	282.96	260.55	
1	207 Sugar Factories & Refineries		139.52	23.37	-	-	
2	209 Miscellaneous Food Preparation		179.89	156.09	133.38	146.94	
3	231 Spinning, Weaving & Finishing of Textiles		438.02	417.88	467.95	422.05	
4	311 Basic Industries, Chemicals Including Fertilisers		133.77	101.33	186.41	191.15	
5	334 Cement		286.86	321.01	321.05	311.33	
6	341 Iron & Steel Basic Metal Industries		119.22	202.48	237.80	199.78	
7	342 Non-Ferrous Basic Metal Industries		211.40	241.26	256.84	255.83	
8	360 Machinery Except Electrical Machinery		155.99	161.65	161.65	149.92	
9	370 Electrical Machines, Apparatus Appliances & Supplies		312.66	58.37	75.04	68.83	
10	382 Manufacture of Rail Road Equipments		156.41	165.38	171.79	143.59	
11	391 Manuf.of Professional, Scientific Measuring & Controlling Inst.		21.00	23.00	20.11	19.44	
12	399 Miscellaneous Mfg. Industries not Elsewhere Classified		39.67	23.15	22.88	22.09	

Contd...

Table - 16

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1992		
S. No.	Group Name of Industry	Code	Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15	16
General Index			251.71	248.91	252.63	265.30	265.83
1	207 Sugar Factories & Refineries		-	-	-	-	168.79
2	209 Miscellaneous Food Preparation		167.32	174.94	170.74	183.25	168.40
3	231 Spinning, Weaving & Finishing of Textiles		413.98	409.29	435.17	461.65	439.43
4	311 Basic Industries, Chemicals Including Fertilisers		182.33	152.91	180.95	197.89	170.00
5	334 Cement		291.75	382.18	261.60	251.73	309.73
6	341 Iron & Steel Basic Metal Industries		221.93	218.14	248.60	248.71	188.50
7	342 Non-Ferrous Basic Metal Industries		255.97	280.93	250.88	262.50	253.70
8	360 Machinery Except Electrical Machinery		148.62	149.37	150.21	150.27	161.70
9	370 Electrical Machines, Apparatus Appliances & Supplies		73.55	74.79	56.14	67.33	116.29
10	382 Manufacture of Rail Road Equipments		105.13	66.67	66.67	66.67	133.12
11	391 Manuf.of Professional Scientific Measuring & Controlling Inst.		20.30	19.18	20.52	18.10	20.02
12	399 Miscellaneous Mfg. Industries not Elsewhere Classified		25.39	25.96	15.88	17.39	24.97

Table - 17

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1993	
Group Name of Industry S.No. Code			Jan.	Feb.	March	April
1	2	3	4	5	6	7
General Index			278.22	250.97	263.48	280.82
1	207	Sugar Factories & Refineries	166.22	231.86	154.35	34.29
2	209	Miscellaneous Food Preparation	213.56	230.39	247.78	225.53
3	231	Spinning, Weaving & Finishing of Textiles	455.42	394.30	298.76	479.43
4	311	Basic Industries, Chemicals Including Fertilisers	187.15	0.00	193.13	173.87
5	334	Cement	333.66	341.72	364.54	319.12
6	341	Iron & Steel Basic Metal Industries	210.69	211.45	246.11	220.84
7	342	Non-Ferrous Basic Metal Industries	251.97	234.50	294.38	248.48
8	360	Machinery Except Electrical Machinery	175.70	175.70	189.95	176.03
9	370	Electrical Machines, Apparatus Appliances & Supplies	101.24	88.06	100.63	89.57
10	382	Manufacture of Rail Road Equipments	126.92	96.15	110.26	101.28
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	20.02	11.12	24.73	20.67
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	23.87	28.87	20.01	22.75

Contd...

Table - 17

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1993	
Group Name of Industry S.No. Code			May	June	July	August
1	2	3	8	9	10	11
General Index			294.29	280.08	306.14	301.87
1	207	Sugar Factories & Refineries	28.01	28.01	-	-
2	209	Miscellaneous Food Preparation	205.08	180.11	127.20	134.42
3	231	Spinning, Weaving & Finishing of Textiles	480.25	443.56	491.17	474.46
4	311	Basic Industries, Chemicals Including Fertilisers	196.76	175.99	201.82	201.71
5	334	Cement	363.36	343.62	301.76	287.55
6	341	Iron & Steel Basic Metal Industries	238.23	216.20	238.23	165.66
7	342	Non-Ferrous Basic Metal Industries	485.19	440.22	390.91	449.89
8	360	Machinery Except Electrical Machinery	165.61	165.61	184.46	183.63
9	370	Electrical Machines, Apparatus Appliances & Supplies	85.45	62.68	95.65	87.30
10	382	Manufacture of Rail Road Equipments	92.31	165.38	224.36	256.41
11	391	Manuf.of Professional, Scientific Measuring & Controlling Inst.	21.80	24.66	26.26	24.25
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	157.78	28.82	37.72	20.95
						Contd...

Table - 17

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1993

S. Group Name of Industry No. Code			Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15	16
General Index			311.44	317.95	303.64	330.97	293.32
1	207	Sugar Factories & Refineries	-	-	-	107.96	106.67
2	209	Miscellaneous Food Preparation	102.47	154.94	180.93	179.92	181.86
3	231	Spinning, Weaving & Finishing of Textiles	485.69	496.06	464.69	515.99	456.65
4	311	Basic Industries, Chemicals Including Fertilisers	194.80	199.98	182.98	197.69	190.36
5	334	Cement	300.56	296.30	293.73	323.04	314.08
6	341	Iron & Steel Basic Metal Industries	238.12	248.92	201.19	240.17	222.98
7	342	Non-Ferrous Basic Metal Industries	369.31	408.32	508.72	443.07	377.08
8	360	Machinery Except Electrical Machinery	185.65	179.86	151.29	202.99	178.04
9	370	Electrical Machines, Apparatus Appliances & Supplies	103.01	101.57	96.15	92.71	92.00
10	382	Manufacture of Rail Road Equipments	305.12	305.13	308.97	308.97	200.10
11	391	Manuf.of Professional Scientific Measuring & Controlling Inst.	30.19	28.72	28.20	28.44	24.09
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	18.62	14.79	15.59	18.	

Table - 18

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1994	
S.No. Group Name of Industry Code			Jan.	Feb.	March	April
1	2	3	4	5	6	7
General Index			334.33	289.69	367.11	354.27
1	207	Sugar Factories & Refineries	152.86	102.38	49.14	36.67
2	209	Miscellaneous Food Preparation	162.57	210.45	211.02	250.68
3	231	Spinning, Weaving & Finishing of Textiles	498.31	444.41	608.57	609.58
4	311	Basic Industries, Chemicals Including Fertilisers	190.14	179.44	171.47	179.13
5	334	Cement	401.93	384.42	510.81	442.47
6	341	Iron & Steel Basic Metal Industries	243.95	244.38	250.21	222.03
7	342	Non-Ferrous Basic Metal Industries	430.19	508.79	575.52	503.09
8	360	Machinery Except Electrical Machinery	272.48	285.22	324.97	291.75
9	370	Electrical Machines, Apparatus Appliances & Supplies	83.17	74.52	93.90	87.29
10	382	Manufacture of Rail Road Equipments	308.97	78.21	96.15	58.97
11	391	Manuf. of Professional, Scientific Measuring & Controlling Inst.	20.51	21.54	15.82	27.39
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	19.77	31.23	32.13	30.29
						Contd...

Table - 18

Monthwise Index of Manufacturing Sector
(Base 1970=100)

Year - 1994

S.No.	Group Name of Industry	May	June	July	August	
Code						
1	2	3	8	9	10	11
General Index		354.51	286.96	300.62	303.20	
1	207 Sugar Factories & Refineries	-	8.40	-	-	
2	209 Miscellaneous Food Preparation	239.66	243.34	177.44	162.58	
3	231 Spinning, Weaving & Finishing of Textiles	615.50	452.49	479.74	499.38	
4	311 Basic Industries, Chemicals Including Fertilisers	184.87	181.66	195.36	191.83	
5	334 Cement	468.46	431.09	454.54	428.07	
6	341 Iron & Steel Basic Metal Industries	227.76	220.52	229.37	221.38	
7	342 Non-Ferrous Basic Metal Industries	411.23	348.78	418.10	397.63	
8	360 Machinery Except Electrical Machinery	294.06	314.33	313.52	303.14	
9	370 Electrical Machines, Apparatus Appliances & Supplies	79.40	81.14	77.72	82.13	
10	382 Manufacture of Rail Road Equipments	47.44	10.26	8.97	8.97	
11	391 Manuf.of Professional, Scientific Measuring & Controllingh Inst.	24.38	27.67	19.35	18.09	
12	399 Miscellaneous Mfg. Industries not Elsewhere Classified	40.51	38.96	28.87	29.36	

Contd...

Table - 18

Monthwise Index of Manufacturing Sector (Base 1970=100)					Year - 1994	
S. No.	Group Name of Industry Code		Sep.	Oct.	Nov.	Dec. Annual Average
1	2	3	12	13	14	15
General Index			286.12	298.37	308.55	324.18
1	207	Sugar Factories & Refineries	71.48	79.92	85.66	74.58
2	209	Miscellaneous Food Preparation	137.88	148.77	178.68	152.13
3	231	Spinning, Weaving & Finishing of Textiles	502.16	492.71	514.81	542.40
4	311	Basic Industries, Chemicals Including Fertilisers	142.28	167.54	198.90	205.27
5	334	Cement	436.11	495.38	444.32	481.08
6	341	Iron & Steel Basic Metal Industries	232.40	232.40	232.40	232.40
7	342	Non-Ferrous Basic Metal Industries	377.37	504.23	441.10	447.48
8	360	Machinery Except Electrical Machinery	197.04	200.43	195.54	213.17
9	370	Electrical Machines, Apparatus Appliances & Supplies	80.18	92.36	74.26	63.96
10	382	Manufacture of Rail Road Equipments	6.41	24.36	56.41	65.38
11	391	Manuf.of Professional Scientific Measuring & Controlling Inst.	18.09	21.49	21.49	21.49
12	399	Miscellaneous Mfg. Industries not Elsewhere Classified	29.43	27.76	27.71	28.07

Table - 19

Monthwise Index of Mining & Electricity Sectors **Year - 1986**
(Base 1970=100)

S.No.	Group Name of Industry	Jan.	Feb.	March	April
Code					
1	2	3	4	5	6
7					
Index of Mining Sector		478.86	475.26	531.84	444.10
A. Metallic Minerals		1320.32	1296.74	1443.70	1346.79
1	126 Lead & Zinc	612.08	645.71	752.15	709.35
2	128 Wolfram	185.79	194.52	21.78	217.79
3	125 copper	12388.52	11507.99	12678.54	11553.06
4	124 Silver	264.10	368.79	337.58	242.50
B. Non Metallic Minerals		244.83	246.80	278.24	193.04
5	190 Stone Quarring, Clay & Sand Pits	262.21	284.03	375.21	370.06
6	191 Chemicals & Fertiliser Minerals	311.70	291.63	280.65	76.35
7	194 Mica (All)	31.86	54.90	37.25	26.96
8	195 Gypsum	187.71	204.11	272.39	200.78
9	199 Other Minerals n.e.c.	272.27	251.09	252.59	230.11
Index of Electricity Sector		740.11	737.05	894.45	773.91

Contd.

Table - 19

Monthwise Index of Mining & Electricity Sectors (Base 1970=100)					Year - 1986	
S.No.	Group	Name of Industry	May	June	July	August
Code						
1	2	3	8	9	10	11
Index of Mining Sector			473.84	438.35	441.36	394.31
A.Metallic Minerals			1349.24	1244.04	1337.95	1175.26
1	126	Lead & Zinc	730.35	565.13	471.06	506.64
2	128	Wolfram	96.98	77.27	80.42	84.79
3	125	copper	11432.34	11867.31	14460.86	11537.39
4	124	Silver	290.51	336.13	398.56	321.73
B.Non Metallic Minerals			230.38	214.27	192.08	177.11
5	190	Stone Quarring, Clay & Sand Pits	297.59	306.65	275.38	274.32
6	191	Chemicals & Fertiliser Minerals	289.32	215.51	151.17	138.57
7	194	Mica (All)	33.82	33.82	39.71	31.37
8	195	Gypsum	128.15	169.28	226.27	202.68
9	199	Other Minerals n.e.c.	201.31	200.85	194.15	143.70
Index of Electricity Sector			775.10	752.65	717.46	757.29

Contd...

Table - 19

Monthwise Index of Mining & Electricity Sectors
(Base 1970=100)

Year - 1986

S. Group Name of Industry			Sep.	Oct.	Nov.	Dec.	Annual
No. Code							Average
1	2	3	12	13	14	15	16
Index of Mining Sector			464.41	475.47	456.58	544.71	468.26
A.Metallic Minerals			1319.91	1368.92	1104.47	1654.00	1330.11
1	126	Lead & Zinc	518.88	505.12	571.58	675.49	605.29
2	128	Wolfram	64.22	55.84	47.72	72.65	99.98
3	125	copper	13645.74	14544.59	9603.59	16799.26	12668.27
4	124	Silver	336.13	395.20	399.04	408.16	341.54
B.Non Metallic Minerals			226.48	226.99	276.38	236.20	228.56
5	190	Stone Quarring, Clay Sand Pits	326.06	286.91	294.78	383.50	311.50
6	191	Chemicals & Fertilise Minerals	197.87	321.48	409.11	203.80	240.60
7	194	Mica (All)	68.14	12.75	42.65	49.02	42.69
8	195	Gypsum	224.89	40.25	138.89	130.86	177.19
9	199	Other Minerals n.e.c.	205.22	239.58	233.69	269.40	224.50
Index of Electricity Sector			866.05	733.71	785.99	851.30	782.09

Table - 20

Monthwise Index of Mining & Electricity Sectors (Base 1970=100)				Year - 1987	
S.No.	Group Name of Industry Code	Jan.	Feb.	March	April
1	2	3	4	5	6
		7			
Index of Mining Sector		530.38	648.60	658.65	490.59
A.Metallic Minerals		1518.53	1546.93	1696.22	1452.32
1	126 Lead & Zinc	708.00	709.21	768.92	743.10
2	128 Wolfram	68.48	69.94	65.22	85.22
3	125 copper	14266.94	14660.73	16192.17	12762.85
4	124 Silver	435.53	312.12	515.73	484.51
B.Non Metallic Minerals		256.56	398.78	370.08	223.12
5	190 Stone Quarring, Clay & Sand pits	358.91	364.85	365.20	355.66
6	191 Chemicals & Fertiliser Minerals	243.11	616.51	555.50	173.85
7	194 Mica (All)	60.29	229.41	139.22	78.92
8	195 Gypsum	191.09	194.42	199.71	161.74
9	199 Other Minerals n.e.c.	293.63	269.02	272.51	245.96
Index of Electricity Sector		689.83	676.70	970.89	824.67
Contd...					

Table - 20

Monthwise Index of Mining & Electricity Sectors Year - 1987
(Base 1970=100)

S.No.	Group Name of Industry	May	June	July	August
Code					
No.					
1	2	3	8	9	10
					11
Index of Mining Sector		460.26	489.51	492.09	505.83
	A.Metallic Minerals	1234.29	1396.41	1452.62	1577.13
1	126 Lead & Zinc	632.74	700.18	735.16	864.65
2	128 Wolfram	206.10	117.95	99.94	105.96
3	125 copper	10764.80	12482.38	12958.53	13218.36
4	124 Silver	266.99	340.93	312.12	360.14
	B.Non Metallic Minerals	245.00	237.29	224.96	205.33
5	190 Stone Quarring, Clay & Sand pits	370.61	341.96	394.95	269.62
6	191 Chemicals & Fertiliser Minerals	180.43	176.92	130.35	196.92
7	194 Mica (All)	209.31	115.20	55.88	47.55
8	195 Gypsum	188.45	279.98	313.15	216.63
9	199 Other Minerals n.e.c.	226.25	205.24	211.64	195.73
Index of Electricity Sector		832.28	851.95	858.53	801.48

Contd...

Table - 20

Monthwise Index of Mining & Electricity Sectors Year - 1987
(Base 1970=100)

S.No.	Group Name of Industry	Sep.	Oct.	Nov.	Dec.	Annual Average
Code						
1	2	3	12	13	14	15
						16
Index of Mining Sector		513.35	481.93	509.11	489.18	522.29
A.Metallic Minerals		1519.54	1439.23	1528.48	1483.16	1487.07
1	126 Lead & Zinc	649.81	669.42	652.87	473.88	637.38
2	128 Wolfram	100.35	95.33	92.01	86.75	99.43
3	125 copper	15051.60	13527.26	15056.85	16729.85	13972.69
4	124 Silver	340.93	386.55	478.27	326.53	380.03
B.Non Metallic Minerals		233.51	215.69	225.61	212.74	253.97
5	190 Stone Quarring, Clay & Sand pits	272.00	265.04	292.04	297.96	325.73
6	191 Chemicals & Fertiliser- Minerals	272.93	227.77	258.53	172.46	267.10
7	194 Mica (All)	25.49	23.04	20.59	54.41	88.27
8	195 Gypsum	219.57	208.63	142.35	181.59	208.10
9	199 Other Minerals n.e.c.	227.06	239.05	257.01	300.34	245.28
Index of Electricity Sector		759.46	842.43	843.69	825.56	814.79

Table - 21

Monthwise Index of Mining & Electricity Sector Year - 1988
(Base 1970=100)

S.No.	Group	Name of Industry	Jan.	Feb.	March	April
	Code					
1	2	3	4	5	6	7
Index of Mining Sector			615.66	533.28	574.79	522.82
		A.Metallic Minerals	1409.48	1558.97	1818.79	1621.78
1	126	Lead & Zinc	483.15	569.75	669.11	815.33
2	128	Wolfram	91.10	90.00	197.95	112.10
3	125	copper	14021.50	14991.40	17279.80	14355.40
4	124	Silver	351.84	363.36	466.08	584.16
		B.Non Metallic Minerals	394.89	248.02	228.82	217.18
5	190	Stone Quarring, Clay & Sand pits	307.27	302.66	344.00	83.53
6	191	Chemicals & Fertiliser Minerals	674.16	271.70	187.20	209.20
7	194	Mica (All)	80.39	84.37	83.82	75.90
8	195	Gypsum	210.03	168.18	160.89	148.90
9	199	Other Minerals n.e.c.	324.08	294.28	282.00	278.38
Index of Electricity Sector			832.95	885.60	952.09	853.36

Contd...

Table - 21

Monthwise Index of Mining & Electricity Sector Year - 1988
(Base 1970=100)

S.No. Group Name of Industry Code			May	June	July	August
1	2	3	8	9	10	11
Index of Mining Sector			545.23	590.38	510.66	505.14
	A.Metallic Minerals		1600.54	1599.75	1498.96	1610.42
1	126	Lead & Zinc	819.86	818.40	830.16	692.65
2	128	Wolfram	85.50	76.31	74.30	66.98
3	125	copper	14149.60	14197.91	12494.45	15896.13
4	124	Silver	387.84	346.70	335.18	429.29
	B.Non Metallic Minerals		251.73	309.66	235.80	197.74
5	190	Stone Quarring, Clay & Sand pits	354.10	374.30	312.87	305.95
6	191	Chemicals & Fertiliser Minerals	243.69	399.66	243.37	154.71
7	194	Mica (All)	141.67	54.41	39.22	20.09
8	195	Gypsum	133.48	185.82	224.61	194.81
9	199	Other Minerals n.e.c.	273.98	277.40	212.06	216.08
Index of Electricity Sector			960.59	911.81	852.25	867.59

Contd...

Table - 21

Monthwise Index of Mining & Electricity Sector Year - 1988
(Base 1970=100)

S.No.	Group Name of Industry	Sep.	Oct.	Nov.	Dec.	Annual Average
Code No.						
1	2	3	12	13	14	15
						16
Index of Mining Sector		566.74	525.14	557.15	518.63	547.14
A.Metallic Minerals		1529.14	1485.62	1515.51	1610.92	1571.65
1	126 Lead & Zinc	670.06	698.47	722.85	718.42	709.01
2	128 Wolfram	65.22	50.17	50.17	N.A.	87.25
3	125 copper	14984.81	13884.54	14158.49	15669.39	14673.61
4	124 Silver	343.81	453.30	300.60	414.00	398.04
B.Non Metallic Minerals		299.08	258.01	290.61	214.85	262.19
5	190 Stone Quarrying, Clay & Sand pits	348.75	352.64	359.14	408.11	321.11
6	191 Chemicals & Fertiliser- Minerals	298.58	309.06	397.54	117.20	292.17
7	194 Mica (All)	25.00	24.02	50.98	22.06	58.50
8	195 Gypsum	448.92	147.19	120.42	122.82	188.83
9	199 Other Minerals n.e.c.	224.50	228.39	246.36	311.14	264.04
Index of Electricity Sector		905.96	963.90	1056.62	1089.92	927.72

Table - 22

Monthwise Index of Mining & Electricity Sectors Year - 1989
 (Base 1970=100)

S.No.	Group Name of Industry Code	Jan.	Feb.	March	April	
1	2	3	4	5	6	7
Index of Mining Sector		576.26	570.86	614.18	562.50	
A.Metallic Minerals		1562.67	1529.22	1581.72	1529.54	
1	126 Lead & Zinc	780.84	764.13	813.53	847.62	
2	128 Wolfram	Nil	Nil	Nil	65.27	
3	125 copper	14086.84	14133.76	14076.71	12684.09	
4	124 Silver	474.91	429.29	336.62	435.06	
B.Non Metallic Minerals		301.92	298.57	345.09	293.56	
5	190 Stone Quarring, Clay & Sand pits	440.58	376.65	428.74	399.75	
6	191 Chemicals & Fertiliser Minerals	267.41	321.02	404.75	319.38	
7	194 Mica (All)	136.76	129.41	74.51	67.16	
8	195 Gypsum	179.76	162.72	232.63	172.49	
9	199 Other Minerals n.e.c.	365.32	368.65	352.68	315.36	
Index of Electricity Sector		1099.43	1062.68	1191.80	1051.85	

Contd...

Table - 22

Monthwise Index of Mining & Electricity Sectors Year - 1989
(Base 1970=100)

S.No.	Group Name of Industry	May	June	July	August	
Code						
1	2	3	8	9	10	11
Index of Mining Sector		526.66	587.91	571.18	492.85	
A.Metallic Minerals		1450.64	1666.97	1677.60	1493.54	
1	126 Lead & Zinc	773.46	919.68	876.40	671.13	
2	128 Wolfram	59.15	80.07	67.73	67.73	
3	125 copper	12519.08	13960.09	14705.22	14403.62	
4	124 Silver	281.39	350.06	323.17	358.70	
B.Non Metallic Minerals		269.68	287.80	263.47	214.55	
5	190 Stone Quarring, Clay & Sand pits	385.95	371.96	359.06	283.94	
6	191 Chemicals & Fertiliser Minerals	290.66	347.04	289.33	172.89	/
7	194 Mica (All)	65.20	42.16	24.02	27.45	
8	195 Gypsum	103.47	166.55	187.32	289.67	
9	199 Other Minerals n.e.c.	320.30	284.59	264.08	231.39	
Index of Electricity Sector		1059.25	1006.87	989.44	990.95	

Contd...

Table - 22

Monthwise Index of Mining & Electricity Sectors Year - 1989
(Base 1970=100)

S.No.	Group Name of Industry Code	Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15
Index of Mining Sector		487.10	489.09	523.23	644.83	553.89
A.Metallic Minerals		1436.54	1417.55	1514.68	1704.78	1547.12
1	126 Lead & Zinc	626.89	723.71	823.67	828.77	789.15
2	128 Wolfram	67.73	57.70	57.70	107.07	69.79
3	125 copper	14084.60	12486.47	12835.96	15611.08	13798.96
4	124 Silver	346.21	470.59	340.46	415.36	380.15
B.Non Metallic Minerals		223.04	230.86	247.49	350.04	277.17
5	190 Stone Quarring, Clay & Sand pits	302.41	304.05	363.17	428.70	370.41
6	191 Chemicals & Fertiliser- Minerals	198.31	256.77	269.22	425.74	296.87
7	194 Mica (All)	18.14	16.67	9.80	83.82	57.92
8	195 Gypsum	264.50	187.91	157.35	212.26	193.05
9	199 Other Minerals n.e.c.	225.94	220.95	226.00	352.75	294.07
Index of Electricity Sector		1077.83	1143.01	1217.61	1232.20	1093.58

Table - 23

Monthwise Index of Mining & Electricity Sectors Year - 1990
(Base 1970=100)

S.No.	Group Name of Industry	Jan.	Feb.	March	April
Code					
No.					
1	2	3	4	5	6
7					
Index of Mining Sector		582.06	573.67	615.15	513.09
	A.Metallic Minerals	1623.77	1647.39	1784.14	1601.68
1	126 Lead & Zinc	757.82	736.59	727.98	790.76
2	128 Wolfram	111.48	109.47	99.09	72.09
3	125 copper	15282.51	15972.06	15602.71	14711.45
4	124 Silver	360.63	291.95	416.80	176.23
	B.Non Metallic Minerals	292.34	275.05	290.03	288.56
5	190 Stone Quarring, Clay & Sand pits	383.86	366.67	402.63	418.79
6	191 Chemicals & Fertiliser Minerals	316.07	303.02	299.11	68.45
7	194 Mica (All)	32.35	28.43	28.92	42.16
8	195 Gypsum	204.09	198.32	211.77	185.18
9	199 Other Minerals n.e.c.	343.71	286.64	319.32	287.65
Index of Electricity Sector		1202.85	1057.51	1210.62	1115.99

Contd...

Table - 23

Monthwise Index of Mining & Electricity Sectors Year - 1990
(Base 1970=100)

S.No.	Group Name of Industry	May	June	July	August
	Code			(R)	(R)
1	2	3	8	9	10
					11
Index of Mining Sector		614.21	601.55	601.55	601.55
	A.Metallic Minerals	1750.36	1674.47	1674.47	1674.47
1	126 Lead & Zinc	939.84	890.84	890.84	890.84
2	128 Wolfram	77.47	79.76	79.76	79.76
3	125 copper	14977.94	14194.99	14194.99	14194.99
4	124 Silver	388.48	334.21	334.21	334.21
	B.Non Metallic Minerals	384.23	303.15	303.15	303.15
5	190 Stone Quarrying, Clay & Sand pits	401.96	389.55	389.55	389.55
6	191 Chemicals & Fertiliser Minerals	347.82	356.59	356.59	356.59
7	194 Mica (All)	32.84	31.86	31.86	31.86
8	195 Gypsum	175.97	204.70	204.70	204.70
9	199 Other Minerals n.e.c.	293.33	304.18	304.18	304.18
Index of Electricity Sector		1080.40	1042.41	1008.91	1042.36

Contd...

Note:- R = Repeated

Table - 23

Monthwise Index of Mining & Electricity Sectors Year - 1990
(Base 1970=100)

S.No.	Group Name of Industry	Sep.	Oct.	Nov.	Dec.	Annual
	Code					Average
1	2	3	12	13	14	15
						16
Index of Mining Sector		461.30	467.73	568.30	583.47	565.31
A.Metallic Minerals		1486.32	1555.29	1674.10	1758.19	1658.72
1	126 Lead & Zinc	718.36	760.47	785.52	889.48	831.60
2	128 Wolfram	83.99	74.25	96.78	98.19	88.48
3	125 copper	13755.45	14290.60	15850.56	15872.37	15725.47
4	124 Silver	256.42	279.47	206.96	172.39	296.08
B.Non Metallic Minerals		176.22	165.26	260.76	256.76	274.89
5	190 Stone Quarring, Clay & Sand pits	307.28	306.97	336.23	346.52	369.96
6	191 Chemicals & Fertiliser- Minerals	69.07	66.67	320.63	283.57	232.30
7	194 Mica (All)	31.37	19.61	42.16	61.22	34.56
8	195 Gypsum	231.13	156.94	101.87	117.92	183.11
9	199 Other Minerals n.e.c.	218.97	240.54	302.67	312.93	293.19
Index of Electricity Sector		1033.62	1114.75	1225.05	1335.90	1122.53

Table - 24

Monthwise Index of Mining & Electricity Sectors Year - 1991
(Base 1970=100)

S.No.	Group Name of Industry	Jan.	Feb.	March	April
Code					
1	2	3	4	5	6
Index of Mining Sector		548.42	530.38	605.02	456.02
	A.Metallic Minerals	1632.74	1643.15	1892.22	1330.87
1	126 Lead & Zinc	784.71	832.04	996.02	613.91
2	128 Wolfram	95.33	95.33	69.48	59.90
3	125 copper	15234.21	14827.59	16587.52	12749.71
4	124 Silver	187.76	151.26	250.18	169.99
	B.Non Metallic Minerals	246.84	220.90	247.03	212.71
5	190 Stone Quarring, Clay & Sand pits	393.02	374.88	441.46	424.59
6	191 Chemicals & Fertiliser Minerals	199.48	153.76	116.54	34.95
7	194 Mica (All)	37.25	46.57	48.04	37.25
8	195 Gypsum	147.01	131.00	223.95	208.06
9	199 Other Minerals n.e.c.	339.32	306.89	350.90	365.67
Index of Electricity Sector		1378.72	1281.24	1390.64	1156.51

Contd...

Table - 24

Monthwise Index of Mining & Electricity Sectors Year = 1991
(Base 1970=100)

S.No.	Group Name of Industry	May	June	July	August	
Code						
No.						
1	2	3	8	9	10	11
Index of Mining Sector		481.00	529.85	580.28	577.40	
A.Metallic Minerals		1477.36	1430.03	1885.94	1939.42	
1	126 Lead & Zinc	814.72	742.55	1346.65	1366.03	
2	128 Wolfram	42.30	13.59	60.21	60.20	
3	125 copper	12573.60	12744.35	12139.11	12728.97	
4	124 Silver	96.04	144.06	176.71	172.87	
B.Non Metallic Minerals		203.90	279.49	217.15	198.61	
5	190 Stone Quarring, Clay & Sand pits	415.51	374.06	390.75	356.90	
6	191 Chemicals & Fertiliser Minerals	48.64	308.45	116.84	64.44	
7	194 Mica (All)	36.27	35.78	15.69	16.18	
8	195 Gypsum	179.08	195.81	222.05	288.67	
9	199 Other Minerals n.e.c.	311.44	287.37	250.35	239.55	
Index of Electricity Sector		1247.55	1195.82	1186.86	1172.70	

Contd...

Table - 24

Monthwise Index of Mining & Electricity Sectors Year - 1991
(Base 1970=100)

S.No.	Group Name of Industry	Sep.	Oct.	Nov.	Dec.	Annual Average
1	2	3	12	13	14	15
Index of Mining Sector		582.00	640.76	657.07	740.68	577.41
A.Metallic Minerals		2011.75	2058.20	2103.37	2660.25	1838.78
1	126 Lead & Zinc	1479.59	1341.03	1553.72	1769.16	1136.68
2	128 Wolfram	60.00	60.00	29.00	29.80	56.28
3	125 copper	12357.00	14843.00	12946.84	18918.91	14054.23
4	124 Silver	259.00	235.00	176.00	133.97	179.40
B.Non Metallic Minerals		184.36	246.54	254.83	206.81	226.60
5	190 Stone Quarring, Clay & Sand pits	302.73	357.03	333.52	412.32	381.40
6	191 Chemicals & Fertiliser- Minerals	87.82	225.66	306.22	97.92	146.73
7	194 Mica (All)	25.00	29.00	25.98	20.59	31.13
8	195 Gypsum	234.00	195.00	141.39	124.80	190.90
9	199 Other Minerals n.e.c.	247.82	294.35	262.17	286.29	295.18
Index of Electricity Sector		1252.39	1412.66	1438.19	1524.94	1303.19

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1986-----			
	Manufacturing	Mining	Electricity	General Index
January	187.05	478.86	740.11	309.81
February	189.76	475.26	737.05	310.88
March	216.05	531.84	894.45	362.57
April	204.85	444.10	773.91	325.28
May	175.99	473.84	775.10	307.21
June	175.82	438.35	752.65	299.82
July	173.57	441.36	717.46	292.44
August	178.12	394.31	757.29	298.07
September	201.77	464.41	866.05	340.75
October	184.78	475.47	733.71	306.72
November	173.57	456.58	785.99	305.64
December	196.73	544.71	851.30	342.27
Average Index	188.17	468.26	782.09	316.79

Financial Year

1986-87 (Average Index)

497.56

779.24

Contd...

Financial Year 1986-87

Annual Average of General Index. 324.10

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1987-----			
	Manufacturing	Mining	Electricity	General Index
January	240.00	530.38	689.83	344.96
February	213.36	648.60	676.70	334.59
March	220.89	658.65	970.89	391.42
April	231.50	490.59	824.67	357.97
May	235.81	460.26	832.28	359.50
June	243.65	489.51	851.95	371.43
July	243.84	492.09	858.53	372.94
August	254.42	505.83	801.48	372.07
September	226.38	513.35	759.46	345.25
October	246.45	481.93	842.43	371.12
November	234.77	509.11	843.69	365.40
December	248.29	489.18	825.56	370.28
Average Index	236.61	522.29	814.79	363.08

Contd...

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1988-----			
	Manufacturing	Mining	Electricity	General Index
January	247.47	615.66	832.95	383.14
February	251.65	533.28	885.60	387.27
March	267.70	574.79	952.09	414.40
April	245.97	522.82	853.36	376.58
May	242.32	545.23	960.59	394.42
June	259.67	590.38	911.81	403.13
July	245.76	510.66	852.25	375.07
August	239.71	505.14	867.59	372.73
September	256.46	566.74	905.96	397.50
October	248.69	525.14	963.90	397.71
November	268.89	557.15	1056.62	431.50
December	284.22	518.63	1089.92	444.67
Average Index	254.88	547.14	927.72	398.18

Contd...

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1989-----			
	Manufacturing	Mining	Electricity	General Index
January	258.68	576.26	1099.43	433.15
February	230.51	570.86	1062.68	405.70
March	278.36	614.18	1191.80	467.02
April	278.88	562.50	1051.85	438.48
May	273.70	526.66	1059.25	432.49
June	279.37	587.91	1006.87	433.59
July	282.34	571.18	989.44	431.17
August	284.32	492.85	990.95	425.33
September	281.45	487.10	1077.83	437.54
October	284.66	489.09	1143.01	451.23
November	261.27	523.23	1217.61	450.15
December	265.74	644.83	1232.20	467.65
Average Index	271.61	553.89	1093.58	439.46

Contd...

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1990-----			
	Manufacturing	Mining	Electricity	General Index
January	277.93	582.06	1202.85	491.03
February	276.49	573.67	1057.51	467.33
March	290.25	615.15	1210.62	515.16
April	267.73	513.09	1115.99	442.42
May	273.83	614.21	1080.40	451.13
June	263.56	601.55	1042.41	429.40
July	259.79	601.55	1008.91	420.91
August	279.33	601.55	1042.36	440.95
September	288.71	461.30	1033.62	432.80
October	262.92	467.73	1114.75	428.41
November	266.00	568.30	1225.05	460.97
December	277.57	583.47	1335.90	488.15
Average Index	273.68	565.31	1122.53	447.03

Contd...

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1991-----			
	Manufacturing	Mining	Electricity	General Index
January	276.34	584.42	1378.72	494.66
February	272.08	530.38	1281.24	469.65
March	295.87	605.02	1390.64	512.99
April	273.66	456.02	1156.51	442.30
May	280.74	481.00	1247.55	465.47
June	232.65	529.85	1195.82	426.10
July	266.32	580.28	1186.86	454.09
August	284.83	577.40	1172.70	464.95
September	265.25	582.00	1252.39	464.68
October	280.97	640.76	1412.66	509.29
November	269.47	657.07	1438.19	506.80
December	288.21	740.68	1524.94	543.43
Average Index	273.87	577.41	1303.19	479.25

Contd...

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1992-----			
	Manufacturing	Mining	Electricity	General Index
January	274.00	584.42	1564.29	521.22
February	273.15	530.38	1461.88	501.34
March	283.21	605.02	1555.78	531.98
April	281.20	456.02	1355.92	481.94
May	266.78	481.00	1419.36	484.64
June	249.57	529.85	1321.34	459.97
July	282.96	580.28	1228.59	473.42
August	260.55	577.40	1184.60	449.20
September	251.71	582.00	1334.56	468.83
October	248.91	640.76	1508.07	502.13
November	252.63	657.07	1596.81	521.61
December	265.30	740.68	1861.67	584.27
Average Index	265.83	577.41	1449.41	498.38

Contd...

Financial Year
1992-93 :-

(I) Average
Annual Index - 262.69 580.41 1521.23

(II) Annual Average
of General Index.

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1993-----			
	Manufacturing	Mining	Electricity	General Index
January	278.22	584.42	1887.52	579.62
February	250.97	530.38	1706.90	527.01
March	263.48	605.02	1849.46	567.76
April	280.82	456.02	1407.94	490.56
May	294.29	481.00	1500.59	518.69
June	280.08	529.85	1322.90	482.58
July	306.14	580.28	1247.89	493.70
August	301.87	577.40	1469.29	528.18
September	311.44	582.00	1364.25	517.66
October	317.95	640.76	1547.50	559.44
November	303.64	657.07	1737.78	583.09
December	330.97	740.68	1790.56	620.20
Average Index	293.32	577.41	1569.38	539.04

Contd...

Table - 25

Monthwise General Index Number of Industrial Production
(Base 1970=100)

Month	-----1994-----			
	Manufacturing	Mining	Electricity	General Index
January	334.33	584.42	1718.05	591.72 ✓
February	289.69	530.38	1642.22	544.27 ✓
March	367.11	605.02	1782.85	632.23
April	354.27	456.02	1467.39	554.53
May	354.51	481.00	1638.40	586.38
June	286.96	529.85	1556.74	527.63
July	300.62	580.28	1299.74	498.53
August	303.20	577.40	1441.73	524.44
September	286.12	582.00	1419.24	508.52
October	298.37	640.76	1636.88	560.40
November	308.55	657.07	1840.37	604.24
December	324.18	740.68	1898.03	633.32
Average Index	317.32	577.41	1611.80	563.88

* - * - *

Financial Year
1993-94

(1) Average Annual Index.

309.86

580.41

1544.33

(1) Annual Average of General Index. 546.86