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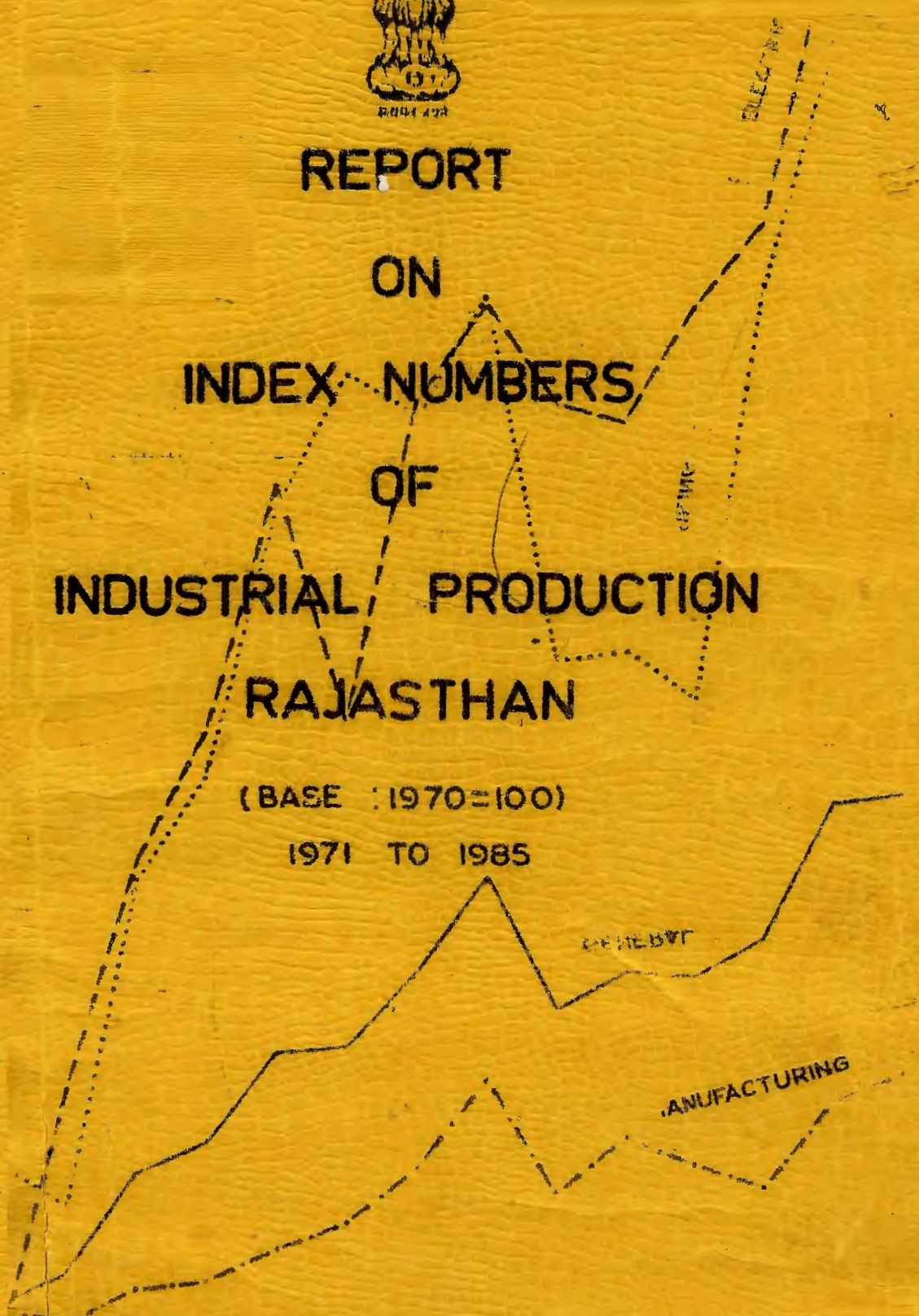


REPORT

ON INDEX NUMBERS OF INDUSTRIAL PRODUCTION RAJASTHAN

(BASE : 1970=100)

1971 TO 1985



DIRECTORATE OF ECONOMICS & STATISTICS,
RAJASTHAN, JAIPUR

Ad Unit

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REPORT ON
INDEX NUMBERS OF
INDUSTRIAL PRODUCTION

(BASE 1970 = 100)

1971 to 1985

GOVERNMENT OF RAJASTHAN
DIRECTORATE OF ECONOMICS & STATISTICS
J A I P U R

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P R E F A C E

The report on "Index Numbers of Industrial Production (base 1970=100) 1971 to 1985" has been prepared on the basis of monthwise production data received from various industrial units in Rajasthan. This report is the first attempt of its kind in the State.

The report contains monthwise and groupwise index numbers of manufacturing, mining & electricity sectors for the period 1971 to 1985. Annual averages and growth rates of different sectors have also been worked out and have been incorporated in this report. The report also highlights the methodology used for construction of these index numbers and also a brief review of the findings of this study. I hope this publication would be found useful by planners, research scholars and others interested in the industrial development in the State.

Suggestions for improvement are most welcome.

JAIPUR

March, 1986.

(N.K. BHATNAGAR)

Director,
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Report on the construction of the
INDEX OF INDUSTRIAL PRODUCTION (MONTHWISE) 1971 to 1985
Base 1970 = 100

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PART - I

INTRODUCTION AND METHODOLOGY

REPORT ON THE CONSTRUCTION OF THE INDEX OF INDUSTRIAL
PRODUCTION FROM THE YEAR 1971 (MONTHWISE)

BASE 1970=100

1. INTRODUCTION:-

1.1 Economic planning being a continuous and dynamic process, the assesment of the progress in different economic sectors is essential for future planning. The rate of economic growth i.e. change in real output over time is too aggregative a measure to give any precise indication about ^{the} real progress in various key sectors of the economy viz., Agriculture and Industry. The last decade witnessed structural transformation in the economy of the state particularly in the Industrial sector, which ^{is} reflected in the production of a wide range of consumer and producer goods, and establishment of a ^{large} number of industries. In order to know the impact of development in the field of industry, the index of industrial production could be an important indicator to measure the over all picture of the growth of industrial economy.

1.2 The index of industrial production aims at measuring changes in work done or quantum of output added in various sectors of industry. The objectives of compilation and publication of the index number of industrial production are -
(i) To indicate changes over time in the volume of production of industrial commodities.

contd....2.

- (ii) To enable comparison to be made of changes in the output of different industries, and
- (iii) To help planners to measure the growth of the industrial sector of the economy.

1.3 The General scope of the index of industrial production as recommended by the United Nations is defined to include mining, manufacturing, construction, electricity and gas, but due to constraints of the data situation the general index of industrial production compiled for Rajasthan has in its scope manufacturing, electricity and mining only similar to All India Index of Industrial production compiled by Central Statistical Organisation.

1.4 Prior to the commencement of Vth Five year plan (1974-79) Indices of industrial production were prepared by the Central Statistical Organisation on an all India basis. Due to heterogeneity in the industrial structure of the individual states/union territories, depending upon resources, local skills, investment requirements, mobilization of resources and regional demands, it was recommended by the central working group on index number of industrial production (constituted at the instance of the planning commission) that the states/union territories should prepare such comparable indices for their

contd...3.

own states/union territories preferably on monthly basis on the pattern of index being prepared by Central Statistical Organisation. An attempt has therefore, been made to prepare index numbers of industrial production for Rajasthan state for the year 1970-1985 in accordance with the recommendations of the Central Working Group and keeping in view the guidelines given by Central Statistical Organisation.

2. BASE YEAR:-

- 2.1 In conformity with the guide lines given by Central Statistical Organisation, The year 1970 has been taken as the base year for the preparation of Index Number of Industrial Production.

3. SCOPE AND COVERAGE:-

- 3.1 The Index of Industrial Production for Rajasthan covers production in Manufacturing, Electricity and Mining sectors. The scope of index in manufacturing sector is restricted to factories registered under section 2m (i) and sec.2m(ii) of Indian Factories Act, 1948 and working within the jurisdiction of Rajasthan state. Thus, the factories employing 10 or more workers and functioning with the aid of power and also those employing 20 or more workers and working without the aid of power have been covered.

Contd.....4.

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-1 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 cumulative total of value-added to grand total of value-added come to 95 percent.

By this procedure 13 Industry groups came under selection.

Which Included among others "Manufactur of Textiles not elsewhere classified," printing, publishing and allied Industries," and "Manufacture of non-metallic mineral products not elsewhere classified.". These three Industry groups have not been included in the Index coverage because first two Industry groups were of servicing nature and the third one had the heterogeneous units of measurement. To compensate the loss and to keep up the

Contd...5.

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 Central Statistical Organisation, all these items which formed at least 95 percent of the total value of production of the respective industry group were to be included in the index basket. Additional items which the State considers to be important could also be taken in the index coverage.

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 Oils and Crushed bone have been taken as separate items in the process of selection.

As such the preparation of Index Numbers has to be restricted to 43 items in manufacturing sector.

4.2 MINING SECTOR :

4.21 In the mining sector 23 items were selected on the basis of importance and availability of production data. For this purpose frame for mining sector was divided in to -

- (i) Metallic mineral ore mining, (major group -12) and
- (ii) Other ore mining (major group- 19)

4.22 Items within each group were arranged in descending order of their sale value at pit mouth. Now all those items were selected where the cumulative total of sale value is equal to or more than 95% of the sale value of group as a whole. Accordingly 5 & 7 items were selected in group 12 and group 19 respectively.

4.23 However, china clay, Barytes, Asbestos, Felspar, Calcite, Quartz, Fire clay, Dolomite, Garnet (Abrasive), Slate stone & Ochre were included in the final list of selected minerals due to huge production and regular availability of production data.

4.24 Thus 23 minerals were selected for the Index Basket.

4.3 ELECTRICITY SECTOR:

4.31 Rajasthan State Electricity Board has been treated as the single establishment. Thus "generation of electricity" is the only item in the sector.

4.32 Rajasthan State Electricity Board provides data of electricity generation. Which includes electricity generated by Board's Local power station ^{and} the share of state in joint ventures with other states.

5. WEIGHTING DIAGRAM:

5.1 The first pre-requisite for construction of index is the determination of relative importance of various constituents viz. weights. Necessary weights in respect of different industry groups and items selected in different industry groups were therefore assigned in the following manner.

5.2 At the state level the general index of industrial production covers (i) Manufacturing sector (ii) Electricity sector ^{and} (iii) Mining sector. The weights have been given to these sectors in proportion to the value added by these sectors to the total value added in 1970-71, which comes to 73.25, 17.11 and 9.64 respectively.

5.3 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.

5.4 WEIGHTS AT ITEM LEVEL:

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. The following example would illustrate this method clearly:-

S.No.	Industry group/ selected items.	Basic Industrial chemicals including fertilizers.	Value of Production in '000Rs.	Percentage to total	Share in the group weight.
1.	Urea		143154	61.27	9.16
2.	P.V.C.Compound		56284	24.09	3.60
3.	P.V.C. Resin		19181	8.20	1.23
4.	Caustic Soda		15042	6.44	0.96
Total:			233661	100.00	14.95

6. METHOD OF CALCULATION:-

6.1 The Index numbers 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 :-

Formula:-

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

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 in base year.

W_{ij} = Weight assigned to the j th Item of i th Industry.

P, n, o & 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 of Industries by using the formula.

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

Where

I_s = denotes sector level Index Number

I_i = Index of i the Industry.

W_i = Weight assigned to i the Industry.

6.4 STATE LEVEL : -

Formula used is -

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

Where I = Index of Industrial production for the state as a whole

I_s & W_s are Index of sector's & weight assigned to sector 's' respectively.

7. SOURCES OF MONTHLY PRODUCTION DATA:

7.1 The index presently compiled is based on the monthly production statistics furnished mainly by individual manufacturing units. Data for cotton cloth and yarn is supplied by textile commissioner Government of India while the Salt superintendent provides production figures for salt.

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

7.3 R.S.E.B. provides data on electricity generation.

8. Limitations: The index numbers for industrial production for

Rajasthan prepared with the above methodology have the following limitations:

- 8.1 The Factories registered under section 2m(i) and 2m(ii) of Indian Factories Act, 1948 have only been covered.
- 8.2 The base year monthly production data has been computed by dividing the gross Annual Production figures in Annual Survey of Industries, 1970 for responding factories by .12.
- 8.3 In case of sugar, being a seasonal item, the monthly average base year production has been arrived at by dividing the gross annual production figures collected under Annual Survey of Industries, 1970, by five i.e. the cane crushing season.
- 8.4 In case of certain items, all the factories selected for preparing the monthly index did not respond. As such, these indices have been worked out on the basis of data received from the responding factories only.
- 8.5 In respect of cotton cloth and cotton yarn the consolidated ^{and} data received from the textile commissioner, Bombay while for salt, the source of production data is superintendent salt, Jodhpur.
- 8.6 The Industries covered by the Index have been classified according to international standard Industrial classification 1958 and not according to National Industrial classification now being followed for A.S.I.

(ii) REVIEW ON GENERAL INDEX

General Index of Industrial Production which was 109.34 in the year 1971 increased to 246.20 in the year 1985, reflecting an increase of 125.17 percent. This Index marginally declined in the 1972, as compared to the preceding year. There after it has been ever rising till 1979, when it raised to a mark of 224.17. This increasing trend got a halt in the year 1980, when this Index went down drastically touching a downward point of 187.39. This decline in 1980 is caused by the decline in the indices of all the three sectors, viz. Electricity, manufacturing and mining. The decline in manufacturing sector is caused by decline in electricity sector as well. This decline in one year was 16.40 percent in the general index. Since 1981 this Index has again continued to increase. There was a marked increase in 1984, as compared to the year 1983. During this one year period, index increased by 17.85 percent. The increase in 1985 is very marginal and for the year 1985 the

Index worked out to 246.00. As per table - 2 the annual growth rate calculated on the basis of exponential curve ($y = a.b.^t$) works out to 5.98 percent during 15 years period for which Index Numbers have been constructed. This exponential growth rate for manufacturing, mining and electricity sectors works out to 3.74 %, 8.00% and 9.46% respectively during the 15 year period 1971-85.

Index Numbers for the three sub-sectors viz. manufacturing, electricity and mining are not in exact commensuration with the general Index Numbers. Production under electricity and mining has increased at a faster rate, as compared to the production of manufacturing sector. Under manufacturing sector, the Index Number has gone up from 99.07 to 171.39 in the period

1971. 85 thereby exhibiting an absolute increase of 73.00 percent. The corresponding increase in electricity is 207.76 percent. The Index Numbers for this sub-sector has increased from 140.83 to 433.42 during this period. The increase in mining sector has also been significant. The Index Number for this sub-sector has gone up from 131.47 to 476.88 (262.73%) in a period of 15 years.

Under manufacturing sector, index number has declined very marginally during 1971 as compared to the base year 1970. It however increased to 107.81 in the year 1972 showing an increase of 8.82 percent in relation to the index of the preceding year. It showed a decline of nearly 4 percent in the succeeding year. From 1974 to 1979 it has shown increasing trends

in varying degrees. There was a sharp decline in 1980, when the Index touched down a low mark of 137.63. In 1981, again there was an increase of 10.94 percent. Next two years 1982 and 1983 have again shown declines. Years 1984 and 1985 have been better and the Index Number in the 1985 touched an all time high or of 171.39.

Indices of electricity sector have shown an increasing trend till 1976, excepting the year 1972, when it declined heavily by 35 percent. Year 1977 witnessed a sharp decline of 19.49 percent. Next year the production showed increases, though the increases could not last long and the index fell down from 375.15 in 1979 to 348.38 in year 1980. There was further

decline in the succeeding year when the index was 343.00 only. However in the years 1982, 1983 and 1984, there was improvement and index numbers for these years rise successively higher. In 1985, again there was decline and index stood at 433.42.

Mining sector shows similar trends. In the year 1973 the index fell down by 8.71 percent. However position continued to improve during the period of 1974 to 1977. In the year 1978 and 1980 the mining sector indices declined by 3.46 and 26.07 percent respectively over the preceding year. Increasing trends have been revealed for the years 1983, 1984 and 1985 and an all time high level of 476.88 was recorded for the year 1985.

Due to significantly higher weightage to manufacturing Index in relation to general Index. It has been observed that trends of general index and manufacturing index are almost identical. Graph attached at the end of this report speak of this relation-ship. For the overall period of 1971 to 1985, the coefficient of correlation between series of manufacturing and general indices work out to 0.96.

Similarly, there is also a marked positive correlation between the indices of electricity and the manufacturing sectors. The coefficient of correlation for the series of these two indices works out to 0.90, meaning thereby that with increase in the generation/ supply of electricity, there have generally been increases in the production of manufacturing sector.

PART - II

STATISTICAL TABLES

SECRET - AIRPORT

INDEX OF INDUSTRIAL PRODUCTION

(Annual Averages, Base = 1970=100)

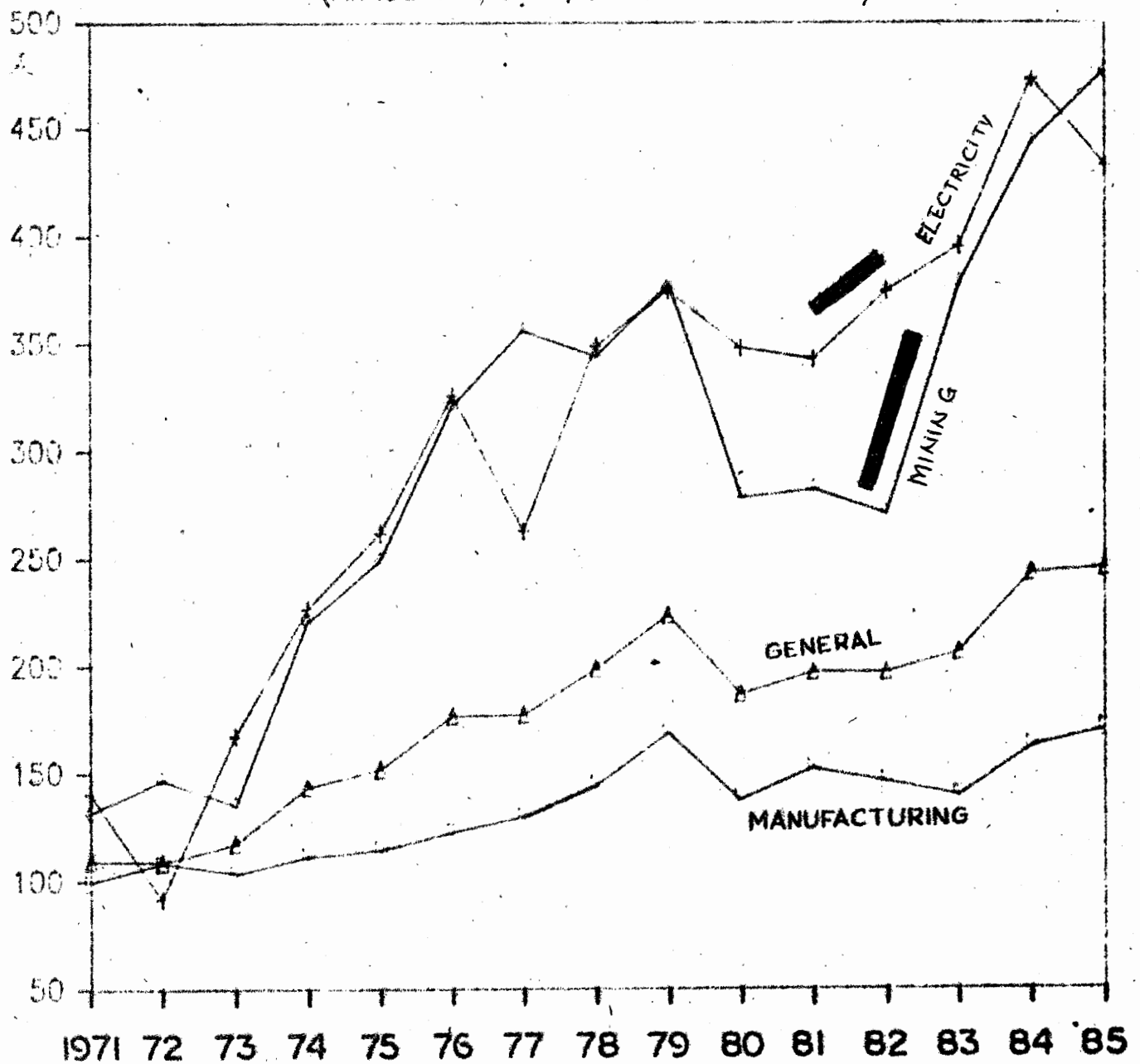


TABLE - 1
GENERAL INDEX OF INDUSTRIAL PRODUCTION (ANNUAL AVERAGES)
(Base 1970=100)

S.No.	Year	S e c t o r s			Average General Index
		Manufacturing	Electricity	Mining	
1.	2.	3.	4.	5.	6.
1.	1971	99.07	140.83	131.47	109.34
2.	1972	107.81	91.62	147.20	108.85
3.	1973	103.41	167.50	135.40	117.43
4.	1974	111.73	227.32	220.71	144.01
5.	1975	115.01	262.10	249.30	152.10
6.	1976	123.05	326.42	320.71	177.08
7.	1977	130.36	262.79	356.18	177.63
8.	1978	145.02	349.26	343.84	199.12
9.	1979	168.86	375.15	376.69	224.17
10.	1980	137.63	348.38	278.50	187.39
11.	1981	152.69	343.00	282.68	197.76
12.	1982	146.62	374.76	270.60	197.60
13.	1983	140.07	395.49	378.77	206.94
14.	1984	163.34	473.40	443.89	243.95
15.	1985(P)	171.39	433.42	476.88	246.20

P Provisional.

TABLE 2

GROWTH RATE OF INDUSTRIAL PRODUCTION INDEX
1971 to 1985

S. No.	Sector	Growth rate * (in percent)
1.	2.	3.
1.	Gn. Index	5.98
2.	Manufacturing	3.74
3.	Mining	8.08
4.	Electricity	9.46

*Formula used is $Y = a.b^t$

T A B L E -- 3

GENERAL INDEX OF INDUSTRIAL PRODUCTION
(MONTHWISE)

(BASE 1970 =100)

MONTH	1971	1972	Year 1973	1974	1975	1976	1977
1.	2.	3.	4.	5.	6.	7.	8.
January	113.68	126.20	100.70	152.23	170.64	183.57	207.87
February	106.95	126.35	103.99	146.52	148.80	173.11	188.57
March	113.62	121.71	103.83	157.40	152.15	165.57	181.20
April	111.25	107.21	109.45	135.41	164.50	155.74	169.71
May	113.24	102.02	114.80	134.47	154.33	176.93	147.54
June	103.28	98.93	116.97	120.56	136.10	170.33	161.43
July	95.97	96.58	121.55	144.36	136.87	176.38	155.05
August	105.53	99.83	120.05	168.07	143.41	175.47	157.91
September	101.80	106.24	112.84	143.87	144.85	167.77	179.47
October	107.01	105.70	130.09	132.41	140.26	185.70	186.24
November	115.35	102.48	133.02	130.40	155.65	195.00	189.44
December	124.36	112.89	141.87	162.47	177.53	199.44	207.16
Average	109.34	108.85	117.43	144.01	152.10	177.08	177.63

(Contd.....)

(Contd...)

T A B L E - - 3

GENERAL INDEX OF INDUSTRIAL PRODUCTION
(MONTH WISE)

(BASE 1970=100)

Month	1978	1979	1980	1981	1982	1983	1984	1985(P)
	9	10	11	12	13	14	15	16
JAN.	199.54	223.64	205.32	150.13	175.99	187.26	254.17	298.30
FEB.	183.19	220.34	151.96	165.69	175.80	163.40	258.10	235.56
MAR.	209.31	235.01	140.53	187.61	199.72	196.06	276.41	242.42
APR.	172.03	212.98	177.73	186.85	177.96	181.00	200.64	243.00
MAY.	207.33	217.09	187.37	204.22	188.96	171.75	211.81	237.92
JUNE.	195.89	234.47	183.08	179.58	170.57	192.94	219.73	231.09
JULY	197.59	224.22	214.20	207.33	191.21	195.60	236.28	235.14
AUG.	194.75	229.70	212.90	205.01	208.11	212.07	240.38	237.31
SEPT.	209.31	234.26	209.05	233.36	237.50	232.10	242.16	268.15
OCT.	201.91	223.78	198.99	221.90	214.88	235.83	259.03	257.75
NOV.	203.03	220.40	191.92	211.47	203.50	248.67	262.68	250.80
DEC.	215.80	211.17	177.63	220.03	227.08	260.70	256.00	256.92
Aver.	199.12	224.17	187.39	197.76	197.60	206.94	243.95	246.20

P = Provisional.

TABLE -- 4

MONTHWISE SECTORAL INDICES (MANUFACTURING)

4.1

Base 1970=100

MON.	1971	1972	1973	Y E A R 1974	1975	1976	1977
1.	2.	3.	4.	5.	6.	7.	8.
JAN.	100.64	107.21	99.83	128.69	139.89	129.81	149.48
FEB.	90.79	109.50	107.76	123.12	117.68	118.71	129.75
MAR.	102.61	97.25	106.46	133.82	115.37	101.84	126.13
APR.	101.56	111.97	94.09	113.12	122.61	113.94	130.91
MAY.	101.92	107.55	99.94	107.39	106.90	129.82	109.99
JUN.	94.61	103.70	106.76	92.67	89.91	130.08	111.65
JUL.	88.41	104.70	102.59	110.76	100.64	133.82	114.51
AUG.	100.95	106.96	103.20	107.54	112.44	126.89	118.18
SEP.	94.05	110.41	98.28	100.07	114.15	111.75	139.75
OCT.	98.09	108.81	105.21	100.50	117.02	121.92	139.89
NOV.	103.94	108.32	103.32	95.76	114.02	128.85	138.81
DEC.	111.29	117.54	113.52	127.35	130.14	132.23	155.23
AVER.	99.07	107.82	103.41	111.73	115.06	123.31	130.36

(Contd.....)

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(Contd....)

TABLE - 4

MONTHWISE SECTORAL INDICES (MANUFACTURING)

4.1

Base 1970=100

MON.	Year							
	1978	1979	1980	1981	1982	1983	1984	1985(P)
9.	10	11	12.	13.	14.	15.	16.	17.
JAN.	156.54	160.59	155.50	100.86	133.46	132.89	147.64	181.03
FEB.	132.81	169.04	103.02	130.32	114.39	109.26	158.64	166.90
MAR.	150.72	172.76	95.97	142.18	170.18	128.78	182.50	179.59
APR.	137.88	176.07	144.19	147.68	139.91	124.33	144.34	181.69
MAY.	150.00	170.57	143.32	161.68	147.33	128.09	152.87	164.21
JUN.	141.30	189.72	148.10	135.73	107.07	140.52	150.32	160.55
JUL.	142.95	153.61	163.93	164.29	135.42	142.04	171.16	166.35
AUG.	136.63	168.86	150.25	155.40	157.55	136.54	175.45	159.88
SEP.	153.24	166.65	142.81	175.36	163.67	155.89	159.36	166.74
OCT.	151.30	164.67	132.05	170.58	155.85	155.53	173.50	184.26
NOV.	141.44	173.97	139.70	167.83	161.20	157.65	167.66	168.73
DEC.	145.38	159.79	131.68	280.36	173.42	169.26	176.66	176.73
AVE.	145.02	168.86	137.62	152.67	146.62	140.07	163.34	171.39

P - Provisional.

TABLE -- 4
MONTHWISE SECTORAL INDICES
4.2 ELECTRICITY SECTOR

BASE 1970 = 100

MON.	Y E A R						
	1971	1972	1973	1974	1975	1976	1977
1.	2.	3.	4.	5.	6.	7.	8.
JAN.	144.34	189.21	80.20	257.76	235.36	351.05	335.24
FEB.	138.21	183.16	62.36	242.46	214.56	315.82	310.45
MAR.	149.92	200.43	69.48	246.48	242.48	338.85	318.26
APR.	136.09	56.91	163.32	207.19	294.50	276.72	254.45
MAY.	148.19	51.85	171.40	222.18	313.26	339.25	216.44
JUN.	126.45	46.73	149.33	182.70	299.52	271.26	292.56
JUL.	120.42	51.30	196.27	220.65	246.31	286.92	234.70
AUG.	128.03	57.29	184.84	241.02	234.24	319.53	249.84
SEP.	131.11	64.52	176.81	261.82	230.66	321.17	263.17
OCT.	142.45	71.24	241.97	205.83	248.43	377.26	284.46
NOV.	159.31	59.96	261.87	197.80	273.12	376.96	294.03
DEC.	165.48	66.88	252.69	241.95	312.72	346.21	299.92
AVER.	140.83	91.62	167.50	227.32	262.10	326.42	262.79

(Contd.....)

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(Contd.....)

TABLE - 4
MONTHWISE SECTORAL INDICES
4.2 ELECTRICITY SECTOR

BASE 1970=100

MON.	1978	1979	1980	1981	1982	1983	1984	1985 (P)
	9.	10.	11.	12.	13.	14.	15.	16.
JAN.	338.05	367.05	346.52	311.17	345.33	347.01	572.43	487.08
FEB.	302.79	323.03	317.11	272.96	398.90	332.28	530.87	389.35
MAR.	335.94	347.60	295.57	328.02	295.36	358.58	523.07	410.36
APR.	289.02	307.68	259.24	290.26	312.45	358.58	344.58	344.28
MAY.	317.59	355.07	312.98	305.89	331.72	286.35	361.54	391.81
JUN.	328.46	392.11	312.50	326.40	340.47	313.84	391.76	389.15
JUL.	329.19	434.68	379.80	365.90	397.62	358.20	441.03	400.52
AUG.	350.06	435.57	425.41	389.03	393.82	450.87	420.02	448.33
SEP.	376.89	438.89	414.02	420.16	481.84	416.23	481.38	546.76
OCT.	385.22	410.54	427.70	380.15	441.98	445.25	519.48	439.55
NOV.	374.14	349.15	349.94	360.47	360.79	521.43	543.88	488.68
DEC.	403.74	340.41	329.75	365.63	396.88	557.22	550.74	465.22
AVER.	349.26	375.15	348.38	343.00	374.76	395.50	473.40	433.42

P = Provisional

TABLE - 4
MONTHWISE SECTORAL INDICES
4.3 MINING SECTOR

BASE = 1970 = 100

MON.	Y E A R						
	1971	1972	1973	1974	1975	1976	1977
1.	2.	3.	4.	5.	6.	7.	8.
JAN.	158.30	158.69	143.75	143.82	289.45	294.82	425.57
FEB.	174.27	153.58	149.32	154.06	268.61	333.22	419.21
MAR.	132.94	167.89	144.91	178.52	271.35	342.29	356.39
APR.	140.80	160.39	130.59	177.43	252.04	258.68	314.19
MAY.	137.32	149.11	130.71	184.66	232.74	246.90	310.62
JUN.	128.12	155.34	137.15	222.23	197.95	297.04	306.98
JUL.	110.11	115.30	133.06	264.22	217.98	303.55	321.80
AUG.	100.44	121.25	133.14	249.31	217.53	288.96	296.72
SEP.	108.67	148.68	109.90	267.30	225.90	321.19	332.82
OCT.	111.90	143.28	120.58	244.60	256.83	337.49	364.13
NOV.	124.03	133.65	130.09	274.01	263.57	374.71	388.60
DEC.	150.71	159.25	161.63	288.31	297.66	449.69	437.18
AVR.	131.47	147.20	135.40	220.71	249.30	320.71	356.18

(Contd....)

26
(Contd.....)

TABLE 4
MONTHWISE SECTORAL INDICES
4.3 MINING SECTOR

BASE 1970 = 100

MONTH	Y E A R							
	1978	1979	1980	1981	1982	1983	1984	1985(I)
JAN.	280.52	448.14	304.93	238.77	198.62	316.82	498.77	439.42
FEB.	353.82	427.95	230.74	243.05	246.54	281.25	529.68	484.30
MAR.	429.80	508.22	203.99	286.76	254.46	418.80	552.24	421.78
APR.	223.90	325.32	270.22	300.95	228.36	296.49	572.93	529.19
MAY.	340.82	325.74	283.15	347.09	251.90	300.10	393.94	524.91
JUNE.	373.36	325.85	219.20	252.20	351.55	376.68	441.81	486.57
JUL.	379.28	389.31	303.02	252.94	248.79	314.01	367.72	464.28
AUG.	360.75	326.58	311.81	255.38	262.77	362.19	414.91	451.08
SEP.	338.01	364.80	348.62	342.31	364.81	484.40	446.71	478.84
OCT.	261.12	341.46	301.68	330.97	260.20	447.34	382.98	493.47
NOV.	367.34	344.65	307.71	279.63	245.71	455.60	485.62	452.21
DEC.	417.41	372.18	255.87	263.13	333.45	491.56	439.42	496.56
AVER.	343.84	376.69	278.50	282.68	270.60	378.77	443.89	476.88

P = Provisional

TABLE 5

AVERAGE INDEX OF INDUSTRIAL PRODUCTION AT THREE DIGIT LEVEL
5.1 (MANUFACTURING SECTOR)

BASE 1970 = 100

S.No.	Group Name of Code Industry No.	1971	1972	1973	1974	1975	1975
1.	2.	3.	4.	5.	6.	7.	8.
Gn. INDEX OF Mfg. SECTOR.		99.07	107.81	103.41	111.73	115.01	123.05
1. 231	Spinning, Weav- ing & Finishing of Textiles.	87.53	103.46	95.88	105.53	113.27	121.47
2. 311	Basic Indu. Chemicals, Inclu- ding fertilisers	123.40	111.10	118.22	91.36	102.85	120.38
3. 382	Manufacture of Rail Road Equipments.	81.97	103.95	80.02	197.86	179.17	170.09
4. 360	Machinery -- except Electrial Machinery.	98.45	101.71	118.13	109.07	114.53	119.83
5. 334	Cement	90.39	104.35	89.68	83.92	80.09	84.35
6. 391	Professional Scientific Instruments.	94.75	105.10	112.86	105.62	104.90	113.83
7. 370	Electrical Machines, apparatus, appliances & supplies.	104.30	104.19	103.91	64.29	96.14	102.87
8. 342	Non-ferrous base metal industries.	136.36	135.03	128.67	130.89	158.99	155.56
9. 341	Iron & Steel basic metal industries.	147.38	140.48	150.45	95.38	129.53	129.65
10. 209	Miscellaneous food preparations.	153.64	160.25	133.81	117.29	110.46	116.99
11. 399	Misc. Mfg. Industri- es not elsewhere classified.	73.74	111.78	87.75	116.42	89.93	96.81
12. 207	Sugar Factor- ies & Refineries.	60.16	54.46	101.91	110.95	112.35	169.88

(Contd.....)

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(Contd.....)

TABLE -- 5
AVERAGE INDEX OF INDUSTRIAL PRODUCTION AT THREE DIGIT LEVEL
5.1 (MANUFACTURING SECTOR)

BASE 1970= 100)

S. Group No. Code No.	1977	1978	1979	1980	1981	1982	1983	1984	1985
	10.	11.	12.	13.	14.	15.	16.	17.	18.
GN. INDEX OF MFG. SECTOR.	130.36	145.02		137.63		146.62	140.07	163.34	171.39
			168.86		152.69				
1.	231.	132.64	142.11	170.95		195.07	159.82	145.91	179.80
				158.17					
2.	311	123.35	125.80	142.35	120.42	116.44	118.30	135.98	145.16
3.	382	117.36	150.52	201.18	122.22	139.28	167.61	95.83	98.71
4.	360	128.02	141.01	151.53	144.20	148.05	140.86	141.00	161.84
5.	334	133.95	133.53	124.37	111.15	138.59	146.40	184.71	193.09
6.	391	110.10	93.02	120.32	114.82	72.43	41.68	31.24	54.18
7.	370	132.06	154.30	113.66	116.92	115.49	122.25	128.97	154.56
8.	342	300.07	396.44	465.32	309.28	199.86	146.88	206.72	327.37
9.	341	135.11	157.75	166.98	176.22	133.17	176.71	221.89	212.47
10.	209	107.76	109.73	118.34	106.77	223.64	306.15	220.01	269.27
11.	399	78.56	68.46	55.57	53.38	47.26	41.34	48.91	41.27
12.	207	116.26	136.93	130.32	53.17	53.75	93.40	99.53	54.70

TABLE 5

AVERAGE INDEX OF INDUSTRIAL PRODUCTION AT THREE DIGIT LEVEL

5.2 (MINING & ELECTRICITY SECTORS)

(BASE 1970=100)

		<u>ELECTRICITY</u>							
Group Name of		1971	1972	1973	1974	1975	1976	1977	
No. Code Industry/	No. Minerals.								
1. 2.	3.	4.	5.	6.	7.	8.	9.	10.	
Electric Light & Power									
* 511	Electricity	140.83	91.62	167.50	227.32	262.10	326.42	262.79	
<u>MINING</u>									
1. 2.	3.	4.	5.	6.	7.	8.	9.	10.	
1.	126 Lead & Zinc	3	100.37	106.23	154.61	194.61	254.97	289.22	296.18
2.	128 Tungsten conc.								
	(Wolfram)	K	68.64	79.56	61.85	73.12	104.37	149.04	161.20
3.	125 Copper ore	2	479.28	1440.03	1861.51	4235.43	5852.37	7449.26	9663.86
4.	124 Silver ore	(	185.50	200.91	170.47	173.03	226.45	278.63	480.39
5.	190 Stone & clay	5	108.52	128.77	109.19	105.74	110.86	128.11	153.73
6.	191 Chem. & Fert.	6	150.00	147.18	93.55	253.12	251.53	339.62	364.34
	Minerals.								
7.	194 Mica (All)	2	174.98	118.10	91.46	87.54	85.01	43.42	39.01
8.	195 Gypsum	4	121.13	130.91	97.60	122.15	94.21	78.63	89.81
9.	199 Other mining	1	115.48	129.00	123.87	158.74	112.15	129.72	124.41
	not elsewhere								
	classified.								
Mining Sector			131.47	147.20	135.40	220.71	249.30	320.71	356.18
Metal ore mining			121.88	190.68	256.07	429.91	595.19	814.14	872.28
Other ore mining			134.14	132.90	101.91	162.37	150.98	183.48	205.58

(Contd.....)

(Contd.....)

TABLE - 5
AVERAGE INDEX OF INDUSTRIAL PRODUCTION AT THREE DIGIT LEVEL
5.2 (MINING & ELECTRICITY SECTORS)

BASE 1970=100

ELECTRICITY

S. Group	1978	1979	1980	1981	1982	1983	1984	1985
No. Code								
No.								

	11.	12.	13.	14.	15.	16.	17.	18.
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1. 511	349.26	375.15	348.38	343.00	374.76	395.49	473.40	433.43
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MINING

1.	2.	11.	12.	13.	14.	15.	16.	17.	18.
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1. 126	388.86	425.62	289.41	248.66	346.54	504.70	525.82	551.73
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2. 128	150.30	156.89	176.36	122.38	204.72	129.99	160.00	127.47
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3. 125	7562.90	9235.95	6922.69	648.72	4979.28	7307.27	10000.54	12112.89
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4. 124	540.94	430.89	478.20	-	-	-	-	182.07
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5. 190	148.18	150.54	124.58	173.83	169.32	233.65	244.11	278.54
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6. 191	367.88	364.31	231.62	256.37	242.42	369.18	421.52	384.61
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7. 194	36.43	43.42	46.64	63.77	56.70	34.52	39.09	40.97
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8. 195	101.33	103.60	100.58	115.16	115.12	120.32	153.25	150.07
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9. 199	167.67	204.44	208.14	198.11	183.80	162.09	230.48	232.86
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	343.84	376.69	278.50	282.68	270.60	378.77	443.89	476.88
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	838.71	973.15	709.87	635.75	635.37	901.96	1089.93	1245.20
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	206.29	210.79	158.89	184.47	173.72	231.75	264.24	263.20
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PART - III

ANNEXTURES

MONTHWISE INDICES OF MANUFACTURING SECTOR

		YEAR 1971 (BASE 1970=100)					
S. Group No.	Industry Group	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
GN. INDEX (Manufacturing Sector)		100.64	90.79	102.61	101.56	101.92	94.61
1. 231	Spinning, Weaving & Finishing of Textiles	95.59	81.45	71.25	89.67	88.08	80.98
2. 311	Basic Industrial Chemicals Including Fertilisers	150.51	128.90	141.00	126.33	104.80	123.47
3. 382	Manufacturing of Rail-road equipment.	61.82	73.08	105.12	48.72	65.38	96.15
4. 360	Manufacturing of Machinery except electrical machinery.	94.95	81.52	99.66	55.16	145.36	101.46
5. 334	Manufacturing of Cement (hydraulic)	96.27	92.42	106.99	81.17	97.44	65.50
6. 391	Manufacture of precision Scientific measuring & controlling instruments.	58.76	51.12	112.87	99.29	97.46	78.10
7. 370	Manufacture of electrical machinery, apparatus, appliances, supplies.	95.66	88.68	115.99	76.12	124.33	75.16
8. 342	Non ferrous basic metal Industries.	120.36	107.60	123.85	131.25	144.51	128.04
9. 341	Iron steel basic Industries.	90.93	146.44	173.00	151.94	146.98	125.16
10. 209	Manufacture of Miscellaneous preparations.	156.91	117.49	167.66	172.82	186.95	178.91
11. 399	Miscellaneous Manufacturing Industries not elsewhere classified.	82.01	72.84	85.30	74.76	48.24	73.20
12. 207	Sugar factory and Refineries.	115.58	130.48	95.08	14.47	0.31	-

(Contd.....)

(Contd.....)

Year 1971

(Contd.....)

1. 2.	10.	11.	12.	13.	14.	15.	Annual Average 16. Index No
	88.41	100.95	94.05	98.09	103.94	111.29	99.07
1. 231	93.83	90.63	89.87	80.19	89.91	98.87	87.53
2. 311	104.24	102.38	118.46	138.81	105.47	136.46	123.40
3. 382	96.15	107.69	55.13	91.03	93.59	89.74	81.97
4. 360	109.46	105.28	84.62	80.70	96.26	126.93	98.45
5. 334	79.14	93.25	84.41	96.68	99.24	92.17	90.39
6. 391	77.78	118.55	83.82	89.34	134.41	124.53	94.75
7. 370	106.80	111.46	98.99	111.07	122.06	124.23	104.30
8. 342	112.61	127.40	131.27	120.85	119.89	143.20	136.36
9. 341	164.69	146.54	157.13	123.54	193.74	138.44	147.38
10. 209	139.24	93.97	158.03	160.21	178.19	133.27	153.64
11. 399	102.79	63.66	65.17	68.63	72.47	75.86	73.74
12. 207	-	-	-	-	-	5.03	60.16

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Year 1972

(Base : 1970=100)

S. Group No, Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE	JULY
1. 2.	3.	4.	5.	6.	7.	8.	9.
1.	107.21	109.50	97.25	111.97	107.55	103.70	104.70
1. 231	100.91	95.04	105.23	100.95	104.02	93.17	103.12
2. 311	130.65	103.94	55.48	129.10	111.85	107.18	195.16
3. 382	74.36	100.00	69.23	137.18	112.82	107.95	119.23
4. 360	90.31	84.69	91.48	94.99	109.79	95.85	86.96
5. 334	94.88	95.96	109.27	128.81	104.20	88.47	108.63
6. 391	125.92	111.81	170.34	32.46	69.94	113.88	102.57
7. 370	135.07	131.39	131.73	127.62	100.59	79.61	103.56
8. 342	147.40	129.45	130.17	141.06	116.14	133.51	140.11
9. 341	143.63	219.11	164.47	133.37	125.70	141.14	66.20
10. 209	131.88	150.70	172.22	153.20	163.19	169.19	160.43
11. 399	88.36	103.99	127.07	141.44	149.06	153.64	119.70
12. 207	107.90	97.55	40.46	4.98			

(Contd....)

(Contd.....)

Year 1972

	AUG.	SEPT.	OCT.	NOVE.	DEC.	ANNUAL AVERAGE INDEX NO.
1. 2.	10.	11.	12.	13.	14.	15

1.	106.96	110.41	109.81	108.32	117.54	107.81
2. 231	105.37	105.44	107.18	105.34	115.78	103.46
3. 311	119.50	123.83	122.62	118.21	114.91	111.10
3. 382	103.85	106.41	84.62	105.13	66.67	103.95
4. 360	113.34	112.66	102.22	104.66	133.60	101.71
5. 334	69.16	94.11	116.98	115.46	126.12	104.35
6. 391	105.95	126.38	86.28	96.71	117.99	105.10
7. 370	90.01	95.68	74.61	90.75	114.61	104.19
8. 342	121.76	129.42	155.21	133.86	142.31	135.03
9. 341	167.06	121.81	133.43	92.12	187.69	140.48
10. 209	108.08	150.78	180.53	153.97	208.82	160.25
11. 399	112.97	121.21	87.13	70.36	71.49	111.78
12. 207	-	-	-	12.03	63.83	54.46

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Year - 1973

(Base 1970=100)

Industry								
S. Group		JAN.	FEB.	MARCH.	APRIL.	MAY.	JUNE	JULY.
No.	No.							
1.	2.	3.	4.	5.	6.	7.	8.	9.
		99.83	107.76	106.46	94.09	99.94	106.76	102.59
1.	231	99.78	93.26	92.00	85.80	83.51	89.40	103.66
2.	311	78.05	104.61	126.31	119.62	108.08	130.95	69.43
3.	382	102.56	110.26	50.00	96.15	137.18	121.79	105.13
4.	360	107.01	116.27	117.86	113.03	116.18	118.68	125.17
5.	334	70.28	74.73	100.16	81.42	89.57	79.60	108.46
6.	391	140.50	167.79	223.09	72.28	66.84	109.02	86.03
7.	370	124.90	102.42	112.66	79.92	116.84	115.84	107.07
8.	342	140.67	104.57	86.68	83.46	96.16	105.60	123.89
9.	341	217.28	191.25	137.25	103.46	123.22	145.14	144.38
10.	209	160.52	171.85	149.88	110.95	128.34	127.63	130.24
11.	399	78.71	99.91	114.53	96.16	64.76	109.03	99.20
12.	207	184.05	162.75	119.22	93.60	27.69	-	-

Contd.....

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(Contd.....)

Year 1973

(Base 1970=100)

S. Industry No. Group No.	AUG.	SEPT	OCT.	NOV.	DEC.	Annual Average Index No.
	10.	11.	12.	13.	14.	15.
	103.20	98.28	105.21	103.32	113.52	103.41
1. 231	96.16	94.24	101.43	102.52	108.75	95.88
2. 311	137.45	127.87	137.49	123.56	155.21	118.22
3. 382	66.67	19.23	37.18	50.00	64.10	80.02
4. 360	125.47	114.44	111.75	120.94	130.80	118.13
5. 334	91.01	96.14	95.59	90.08	99.12	89.68
6. 391	127.73	114.68	111.17	71.44	63.70	112.86
7. 370	82.39	120.63	118.46	82.13	93.18	103.91
8. 342	106.06	147.28	184.49	176.63	188.60	128.67
9. 341	136.39	179.59	140.50	152.96	127.97	150.45
10. 209	83.72	80.53	113.16	170.23	178.65	133.81
11. 399	57.76	37.41	105.29	85.79	104.41	87.75
12. 207	-	-	-	-	24.14	101.91

Year : 1974

(Base 1970=100)

S. Ind. No. Group No.	JAN	FEB.	MAR.	APR.	MAY	JUNE
1. 2.	3.	4.	5.	6.	7.	8.
	128.69	123.13	133.82	113.12	107.39	92.67
1.231	111.79	111.39	94.23	102.32	104.00	107.32
2.311	105.04	118.81	130.41	122.44	21.51	87.98
3.382	320.51	244.87	267.95	206.41	178.21	156.41
4.360	129.38	114.58	116.62	109.33	132.81	31.85
5.334	76.72	84.41	81.12	74.10	66.76	86.88
6.391	73.73	91.92	277.79	65.46	71.53	43.20
7.370	80.75	54.63	54.69	51.37	33.35	27.88
8.342	111.57	145.62	170.29	97.42	119.14	129.19
9.341	53.35	66.63	115.23	123.54	87.80	20.63
10.209	111.62	134.02	135.06	141.50	172.79	122.71
11.399	109.67	113.97	142.83	124.31	118.40	112.16
12.207	156.78	199.43	142.22	62.75	-	-

(Contd.....)

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(Contd.....)
Year 1974

(Base 1970 = 100)

S. Ind. No. Group No.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual average Index No.
1. 2.	9.	10.	11.	12.	13.	14.	15.
	110.76	107.54	100.07	100.50	95.76	127.35	111.73
1. 231	119.13	119.80	102.85	103.46	85.55	104.48	105.53
2. 311	77.71	73.45	35.00	57.13	95.98	100.84	91.36
3. 382	220.51	120.51	155.13	157.69	101.28	244.37	197.86
4. 360	75.78	116.91	121.86	120.02	114.46	125.20	109.07
5. 334	77.05	88.17	78.53	87.02	98.60	107.73	83.92
6. 391	87.01	81.92	130.11	66.63	92.12	186.04	105.62
7. 370	65.70	105.55	70.41	77.83	74.97	74.34	64.29
8. 342	125.05	144.51	149.13	127.01	137.35	114.40	130.89
9. 341	46.33	114.25	117.39	119.33	135.21	144.92	95.38
10. 209	114.31	101.53	87.45	84.61	84.98	116.87	117.29
11. 399	105.17	129.41	99.10	109.64	124.39	107.00	116.42
12. 207					0.31	104.21	110.95

Year 1975

(Base: 1970 = 100)

S. Ind. No. Group Code	JAN.	FEB.	MARCH.	APRIL	MAY	JUNE.
No.	1.	2.	3.	4.	5.	6.
1.	139.89	117.68	115.37	122.61	106.90	89.91
2. 231	124.20	111.82	105.12	120.16	117.79	106.80
2. 311	125.87	105.98	104.43	98.98	90.79	101.73
3. 382	258.97	189.74	138.46	203.85	135.90	206.41
4. 360	133.64	119.78	119.31	111.52	77.19	105.17
5. 334	98.09	91.63	96.51	110.77	109.22	82.84
6. 391	147.68	69.07	171.30	74.73	70.38	98.30
7. 370	69.48	86.62	96.69	107.51	80.21	89.91
8. 342	171.44	160.57	176.04	131.77	163.08	150.20
9. 341	136.29	112.20	99.24	138.01	112.20	106.37
10. 209	110.98	123.39	117.02	117.62	133.00	124.69
11. 399	96.56	114.53	99.43	102.69	95.14	115.80
12. 207	201.14	165.08	159.68	65.65	58.86	6.06

Contd.....

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(Contd....)

Year 1975

(Base 1970 = 100)

S. No.	Ind. Group Code No.	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual Average Index No.
1.	2.	9.	10.	11.	12.	13.	14.	15.
		100.64	112.44	114.15	117.02	114.02	130.14	115.01
1.	231	115.60	115.24	108.31	110.24	110.82	113.13	113.27
2.	311	43.16	92.15	98.74	126.66	117.20	128.49	102.85
3.	382	138.46	164.10	184.62	166.67	141.03	221.09	179.17
4.	360	114.66	107.89	112.22	112.24	114.83	145.83	114.53
5.	334	68.56	71.22	55.37	54.08	60.28	62.48	80.09
6.	391	80.08	91.92	110.87	108.23	130.38	105.85	104.90
7.	370	110.12	73.95	107.01	109.87	106.35	115.97	96.14
8.	342	155.10	165.70	172.38	146.65	150.79	164.18	158.99
9.	341	92.98	165.98	128.73	162.31	132.94	167.06	129.53
10.	209	69.84	89.37	103.17	104.99	110.10	121.29	110.46
11.	399	101.44	107.47	65.46	59.77	51.04	69.83	89.93
12.	207	-	-	-	-	-	129.97	112.35

Year 1976

(Base : 1970=100)

S. Ind. No. Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE
1. 2.	3.	4.	5.	6.	7.	8.
	129.81	118.71	101.84	113.94	129.82	130.08
1. 231	121.44	114.66	115.63	119.19	126.50	125.48
2. 311	136.47	109.65	115.57	50.19	118.58	116.48
3. 382	216.67	161.54	156.41	217.95	210.26	201.28
4. 360	94.08	119.90	143.34	140.05	127.80	138.62
5. 334	61.41	63.44	53.39	49.14	77.29	95.16
6. 391	130.44	116.52	113.74	81.87	109.26	95.71
7. 370	111.46	106.38	122.67	100.03	109.33	106.10
8. 342	156.61	158.87	144.55	101.73	126.51	159.63
9. 341	140.71	142.55	140.82	152.05	151.84	129.91
10. 209	150.13	135.82	119.69	107.60	126.42	119.60
11. 399	77.96	115.50	131.52	98.34	80.74	117.09
12. 207	151.00	208.84	224.99	93.97	-	-

Contd.....

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(Contd.....)
Dec 1976

(Base : 1970=100)

S. Group No. Code No.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual Average Index No.
1. 2.	9.	10.	11.	12.	13.	14.	15.
	133.82	120.89	111.75	121.92	128.85	132.23	123.05
1. 231	124.49	124.52	119.19	117.24	123.51	125.85	121.47
2. 311	125.92	139.02	95.06	138.61	147.24	151.83	130.38
3. 332	208.97	152.56	117.95	134.62	121.79	141.03	170.09
4. 360	132.22	143.31	121.42	126.28	133.41	138.49	119.83
5. 334	103.85	94.49	91.35	101.86	102.85	100.86	84.35
6. 391	94.41	95.45	114.38	126.89	128.04	159.24	113.83
7. 370	146.68	92.69	57.84	85.87	89.66	103.78	102.87
8. 342	195.73	184.15	183.96	163.72	159.13	132.09	155.56
9. 341	107.99	119.22	119.44	115.55	118.03	117.71	129.65
10. 209	98.79	91.48	108.03	101.25	118.60	128.41	116.91
11. 399	127.39	93.21	66.54	93.30	81.14	78.93	96.81
12. 207	-	-	-	-	-	170.50	169.88

YEAR 1977

(Base 1970 = 100)

S. Group Code No. No.		JAN.	FEB.	MAR.	APR.	MAY	JUNE
1.	2.	3.	4.	5.	6.	7.	8.
		149.48	129.75	126.13	130.91	109.99	111.65
1.	231	159.00	144.12	111.39	149.42	134.19	119.31
2.	311	148.16	79.23	139.53	132.79	72.50	120.66
3.	382	143.59	141.03	115.38	76.92	83.33	7.69
4.	360	112.02	111.02	126.20	127.18	138.45	138.82
5.	334	146.67	141.06	145.62	126.65	133.11	112.70
6.	391	133.27	111.61	157.51	102.57	80.28	85.09
7.	370	180.85	156.13	91.47	63.03	143.33	131.28
8.	342	253.25	244.57	262.37	253.94	242.65	284.71
9.	341	119.43	87.14	98.38	136.06	135.31	131.74
10.	209	151.58	138.20	108.71	161.68	150.49	108.29
11.	399	70.21	66.03	89.30	85.63	81.96	89.17
12.	207	260.81	220.81	174.52	47.43	46.29	8.27

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Year 1977

(Base :1970 =100)

S. Group No. Code No.	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual Average Index No.
1. 2.	9.	10.	11.	12.	13.	14.	15.
	114.51	118.18	139.75	129.89	138.81	155.23	130.36
1. 231	125.41	105.31	133.34	137.21	126.14	146.79	132.64
2. 311	123.18	119.03	134.81	123.61	131.40	155.25	123.25
3. 382	-	94.87	153.84	150.00	125.64	198.71	117.36
4. 360	144.29	120.14	97.37	134.76	134.75	151.20	128.02
5. 334	147.68	131.62	120.58	138.38	139.07	124.26	133.95
6. 391	77.27	98.93	96.07	84.94	137.24	156.34	110.10
7. 370	96.26	104.51	140.74	155.53	163.49	158.13	132.06
8. 342	288.87	385.68	358.50	356.77	415.99	253.49	300.07
9. 341	156.80	135.09	143.41	167.60	158.96	151.40	135.11
10. 209	79.01	87.99	109.82	64.71	52.36	80.30	107.76
11. 399	70.77	68.14	66.61	90.21	85.24	79.39	72.56
12. 207	-	-	-	-	3.19	179.27	116.26

Year 1978

(Base : 1970 = 100)

S. Group No. Code No.		JAN.	FEB.	MARCH	APRIL	MAY	JUNE
1.	2.	3.	4.	5.	6.	7.	8.
		156.54	132.81	150.72	137.88	150.00	141.30
1.	231	144.08	130.78	136.92	136.34	135.07	132.93
2.	311	128.86	73.85	138.16	138.62	135.83	124.35
3.	382	207.69	176.92	166.67	121.79	173.08	205.12
4.	360	139.42	132.76	130.46	141.17	143.70	130.57
5.	334	116.62	130.78	159.48	139.29	135.14	112.67
6.	391	126.28	92.70	116.18	73.91	77.86	126.17
7.	370	173.95	152.50	181.49	156.42	164.21	127.79
8.	342	395.69	364.97	416.64	302.53	463.81	393.58
9.	341	156.69	144.81	144.81	144.92	172.89	162.20
10.	209	83.16	72.23	102.77	104.04	136.98	126.52
11.	399	67.04	61.69	94.63	105.94	83.69	102.00
12.	207	249.38	236.16	232.35	181.68	148.52	28.06

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Year 1944

(Base 1970 = 100)

S. No.	Group Code No.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual avg. Index.
		9.	10.	11.	12.	13.	14.	15.
		142.95	136.63	153.24	151.30	141.44	145.38	145.02
1.	231	147.41	151.40	147.68	140.95	137.17	161.46	142.11
2.	311	79.07	117.52	150.60	126.14	138.73	137.89	125.80
3.	382	133.07	55.97	115.33	202.56	160.25	120.76	158.52
4.	360	134.07	130.54	141.77	127.56	157.66	156.45	141.01
5.	334	132.50	130.52	134.34	148.49	134.95	-	133.53
6.	391	125.98	128.12	135.29	54.96	19.55	39.19	93.02
7.	370	136.39	149.45	175.75	135.17	153.80	145.65	154.40
8.	342	424.18	336.20	472.94	472.66	334.02	380.03	396.44
9.	341	151.29	172.89	164.47	162.31	152.69	153.66	157.75
10.	209	92.73	110.05	119.64	121.10	120.45	127.08	109.73
11.	339	79.76	72.20	46.00	28.70	36.31	38.09	68.46
12.	207	0.03	24.25	-	-	-	131.95	136.93

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Year 1979

S. Group No. Code No.		JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		160.59	169.04	172.76	176.07	170.57	189.72
1.	231	172.30	163.64	167.64	178.17	163.91	167.90
2.	311	157.56	140.81	154.80	163.22	155.21	143.06
3.	382	150.00	207.69	220.51	284.63	235.90	183.05
4.	360	147.91	146.69	143.14	150.72	144.03	149.86
5.	334	140.53	137.02	132.63	106.64	123.76	122.44
6.	391	158.29	127.41	147.85	65.16	117.48	105.88
7.	370	84.86	138.35	168.25	84.75	127.18	85.23
8.	342	319.52	566.98	472.75	460.01	460.96	411.06
9.	341	162.20	157.24	133.04	180.56	195.36	168.68
10.	209	119.11	99.35	121.82	152.70	132.27	135.00
11.	339	57.23	41.21	71.21	66.53	65.07	58.50
12.	207	243.86	220.95	163.00	69.22	47.67	-

Contd....

(Base 1970 = 100)

S. Group No. Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual Av. Index.	
1.	2.	3.	4.	5.	6.	7.	8.	
		153.61	166.85	166.65	164.67	173.97	159.79	168.86
1.	231	165.60	177.73	169.24	161.27	190.28	173.69	170.95
2.	311	86.17	150.82	125.72	152.36	134.34	144.29	142.35
3.	382	188.46	203.35	184.62	179.42	173.72	178.27	201.18
4.	360	154.19	145.91	150.55	148.62	172.75	156.95	151.53
5.	334	118.15	120.79	129.71	158.61	104.77	97.40	124.37
6.	391	139.57	123.14	104.19	99.25	137.48	118.14	120.32
7.	370	98.57	113.54	125.21	123.82	124.28	84.82	113.66
8.	342	425.56	452.66	603.81	512.57	443.17	454.81	465.32
9.	341	173.33	162.96	177.43	162.21	164.90	165.81	166.98
10.	209	117.16	93.41	119.27	109.54	154.17	111.13	118.34
11.	399	62.03	63.39	57.43	47.34	34.13	42.29	55.57
12.	207	-	-	-	-	-	30.24	130.32

Year 1980

S. Group No. Code No.		JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		156.50	102.02	95.97	144.19	143.32	143.10
1.	2.31	169.30	125.21	103.73	159.51	151.29	135.28
2.	311	145.32	103.15	90.96	110.92	110.82	115.73
3.	332	170.51	30.77	103.35	135.90	132.05	167.95
4.	360	139.06	127.50	95.27	146.50	161.36	164.54
5.	334	107.61	61.46	46.15	106.32	93.21	98.61
6.	391	128.84	185.59	117.97	91.04	98.36	83.50
7.	370	83.80	47.26	62.29	109.71	99.84	84.29
8.	342	404.78	68.39	73.15	324.39	341.26	231.31
9.	341	163.50	148.49	161.12	163.36	151.29	216.20
10.	209	82.32	67.08	105.31	103.82	145.13	145.88
11.	399	30.20	32.24	60.29	63.03	67.04	75.91
12.	207	149.57	98.33	4.01	17.29	47.67	-

(Contd....)

(Contd.)

Year 1980

(Base 1970 = 100)

S. No.	Group Code No.	JULY. 9.	AUG. 10.	SEPT. 11.	OCT. 12.	NOV. 13.	DEC. 14.	Annual Ave. Index. 15.
		163.83	150.25	142.81	132.05	139.78	131.68	137.63
1.	231	172.65	170.38	167.78	169.03	184.46	159.39	158.17
2.	311	133.08	146.02	67.65	187.29	149.01	145.08	120.42
3.	382	188.46	78.21	92.31	-	-	-	122.22
4.	360	117.38	151.02	165.95	161.04	150.35	150.22	144.20
5.	334	142.43	134.33	126.50	148.52	161.99	106.72	111.15
6.	391	107.71	110.47	93.35	155.16	90.90	115.00	114.82
7.	370	132.91	122.85	125.92	117.39	262.64	134.10	116.92
8.	342	438.71	386.82	426.62	412.00	346.47	257.41	307.28
9.	341	216.31	159.50	247.19	163.82	162.20	156.70	176.22
10.	209	140.98	114.02	105.46	117.79	92.32	60.08	106.77
11.	399	92.47	59.61	53.14	47.23	23.81	35.61	53.38
12.	207	-	-	-	-	-	2.13	53.17

Year 1981

S.No.	Group Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		100.86	130.32	142.13	147.68	161.68	135.73
1.	231	121.50	148.17	145.11	182.56	211.19	179.25
2.	311	128.68	124.76	136.71	142.36	114.77	90.03
3.	382	-	82.05	130.77	115.39	110.26	92.31
4.	360	138.25	138.02	139.25	138.37	158.58	153.24
5.	334	85.54	111.60	134.20	136.47	162.58	105.09
6.	391	92.20	119.39	130.26	52.75	35.53	65.16
7.	370	126.22	87.10	123.63	143.66	146.25	83.80
8.	342	32.16	106.64	225.98	145.31	230.47	131.56
9.	341	118.90	103.78	108.10	80.99	98.70	141.25
10.	209	55.08	206.17	242.04	215.32	284.34	265.55
11.	399	29.54	67.61	47.50	57.87	60.46	62.01
12.	207	138.76	142.00	19.11	15.84	27.18	0.63

(Contd.....)

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(Continued)
Year 1981

(Base 1970 = 100)

S.No.	Group Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual Ave. Index.
1.	2.	9.	10.	11.	12.	13.	14.	15.
		164.29	155.40	175.36	170.58	167.83	180.36	152.69
1.	231	210.95	195.73	221.00	210.00	227.56	287.83	195.07
2.	311	128.91	111.55	118.30	119.57	48.18	133.41	116.44
3.	382	125.64	133.33	175.64	188.46	194.87	183.33	139.28
4.	360	129.87	133.33	158.07	145.75	159.80	185.03	148.05
5.	334	151.10	133.28	166.40	160.42	154.27	162.09	138.59
6.	391	66.59	68.67	58.60	46.24	66.45	67.34	72.43
7.	370	107.21	105.84	105.80	119.72	125.25	121.39	116.49
8.	342	211.29	317.44	300.76	265.06	269.21	162.42	199.86
9.	341	200.00	162.20	151.08	141.25	151.30	140.50	133.17
10.	209	287.66	179.41	231.22	263.59	190.55	262.71	223.64
11.	399	63.70	46.76	48.16	34.00	26.31	23.20	47.26
12.	267	-	-	-	-	-	32.73	53.75

Year 1982

S.No. Group Code No.		JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		133.46	114.39	170.18	139.91	147.33	107.07
1.	231	161.24	132.66	131.44	152.60	159.54	142.13
2.	311	122.90	115.10	165.00	113.22	122.12	21.89
3.	332	150.00	166.67	127.18	160.26	165.38	142.30
4.	360	140.24	123.32	149.08	120.32	133.08	147.67
5.	334	62.03	82.11	124.40	165.18	165.52	125.05
6.	391	39.01	56.62	24.94	31.77	26.93	26.93
7.	370	112.19	137.63	139.71	132.71	145.45	131.56
8.	342	78.03	52.80	118.20	175.62	171.76	25.11
9.	341	117.39	113.07	108.32	119.01	108.21	119.76
10.	209	261.99	244.47	255.94	273.14	346.13	564.97
11.	399	22.76	21.70	56.04	52.44	51.51	61.69
12.	207	137.76	199.86	175.89	71.85	34.46	0.17

(Contd.....)

(Contd.....)

Year 1952

(Base 1970 = 100)

C.No.	Group Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual Aval. Index.
		9.	10.	11.	12.	13.	14.	15.
		135.42	157.55	163.67	155.85	161.20	173.42	146.62
1.	231	147.07	176.16	168.53	175.45	181.98	188.96	159.82
2.	311	104.52	136.03	120.43	121.94	126.22	130.88	118.30
3.	382	155.13	146.15	246.15	164.10	171.62	156.41	167.61
4.	360	153.77	134.16	159.61	132.28	135.57	161.26	140.86
5.	334	142.94	194.42	115.50	170.24	185.02	224.37	146.40
6.	391	38.74	66.48	59.95	42.28	52.73	33.83	41.68
7.	370	107.97	67.18	104.59	140.12	135.90	111.98	122.25
8.	342	88.40	257.46	198.68	140.81	187.63	267.87	146.88
9.	341	131.32	216.20	301.51	259.61	252.48	273.65	176.71
10.	209	370.03	250.11	298.32	296.20	231.74	280.82	306.15
11.	399	52.46	31.64	48.19	34.81	35.46	27.34	41.34
12.	207	--	--	--	--	--	33.84	93.40

Year 1983

S.No.	Group Code/No.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		132.89	109.26	128.78	124.33	128.09	140.52
1.	231	149.67	117.36	129.75	121.13	126.07	130.47
2.	311	116.01	118.94	95.46	40.14	88.28	138.53
3.	382	98.72	85.90	120.52	133.33	141.03	121.79
4.	360	155.95	131.29	151.18	152.39	146.11	163.21
5.	334	109.73	97.70	179.23	201.36	206.68	196.55
6.	391	45.67	19.61	20.40	33.08	28.06	32.28
7.	370	125.68	139.89	139.88	160.66	111.97	166.16
8.	342	184.41	24.55	119.94	167.89	188.47	96.39
9.	341	281.80	192.78	197.04	216.48	165.29	271.08
10.	209	116.73	154.26	269.85	279.72	183.60	256.09
11.	399	37.51	46.97	62.71	63.06	65.47	50.50
12.	207	144.79	205.15	216.04	91.63	38.31	

Contd.)

Year 1942

(Base 1930 = 100)

S. No. Group JUN. AUG. SEPT. OCT. NOV. DEC. Annual Ave.
Code No. Index No.

		9.	10.	11.	12.	13.	14.	15.
		142.04	136.54	155.89	155.53	157.65	169.26	140.07
1.	231	134.67	138.54	170.53	176.80	168.99	186.96	145.91
2.	311	163.12	173.89	166.61	186.90	167.28	176.60	135.98
3.	382	103.85	65.38	82.05	96.15	101.28	117.95	95.83
4.	360	156.01	151.42	145.66	31.49	140.97	166.33	141.00
5.	334	202.44	189.22	203.24	227.96	205.37	197.34	184.71
6.	391	30.48	30.77	27.45	29.71	39.35	37.97	31.24
7.	370	167.55	56.45	91.35	142.24	127.30	117.95	128.97
8.	342	135.61	325.90	302.35	311.60	335.28	286.24	205.72
9.	341	220.89	191.68	242.19	223.97	216.09	243.52	221.89
10.	209	215.80	256.92	265.01	244.33	175.75	221.02	220.01
11.	399	60.74	50.97	44.87	36.99	34.51	32.57	48.91

0.37 99.53

Year 1984

S.No.	Group	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		147.64	158.64	182.50	144.34	152.87	150.32
1.	231	124.85	170.22	202.85	166.04	172.77	170.81
2.	311	163.69	138.97	193.55	130.45	141.15	133.91
3.	382	105.13	106.41	115.38	89.74	85.90	43.59
4.	360	158.95	168.19	170.17	147.04	162.17	158.14
5.	334	205.61	202.13	185.35	179.89	188.92	159.38
6.	391	51.95	9.96	7.55	24.22	47.67	41.46
7.	370	119.18	144.10	120.19	122.43	139.11	145.64
8.	342	472.65	355.77	471.85	150.78	217.90	355.64
9.	341	238.12	259.40	259.61	230.89	209.72	190.39
10.	209	139.37	189.14	240.14	265.72	233.00	344.72
11.	399	22.99	33.99	43.32	50.19	59.22	61.96
12.	207	119.16	224.46	99.00	49.93	40.45	9.53

(Contd.....)

(Contd.....)

Year 1984

(Base 1970 = 100)

S.No.	Group Code No.	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual Ave. Index.
		9.	10.	11.	12.	13.	14.	15.
		171.16	175.45	159.36	173.50	167.66	176.66	163.34
1.	231	201.60	186.84	183.82	182.37	192.06	203.37	179.80
2.	311	137.84	149.59	84.70	167.55	157.14	143.40	145.16
3.	382	89.74	111.54	100.00	94.87	115.38	126.92	98.71
4.	360	152.93	134.43	190.67	160.77	157.82	180.91	161.84
5.	334	224.59	213.92	162.16	199.82	182.39	212.94	193.09
6.	391	27.52	175.46	113.34	69.10	44.31	37.67	54.18
7.	370	158.39	158.41	174.78	192.79	195.93	183.71	154.56
8.	342	337.41	331.55	269.59	398.87	255.58	310.81	327.37
9.	341	227.44	211.99	200.22	181.97	178.30	161.56	212.47
10.	209	304.96	321.19	317.02	350.49	252.13	273.34	269.27
11.	399	58.69	46.67	33.40	34.74	26.86	23.20	41.27
12.	207	-	44.36	-	-	-	69.48	54.70

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Year 1985

S.No.	Group Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		181.03	166.90	179.59	181.69	164.21	160.55
1.	231	208.18	202.76	199.00	207.49	189.75	194.27
2.	311	154.02	137.67	162.96	168.37	164.95	142.48
3.	382	129.49	71.79	65.38	41.02	20.51	14.10
4.	360	150.70	133.60	181.97	149.80	134.35	130.19
5.	334	247.24	208.84	264.89	257.66	225.82	250.90
6.	391	39.79	62.20	47.82	40.58	59.84	44.30
7.	370	127.63	112.83	136.70	252.80	224.03	210.35
8.	342	404.74	426.28	430.80	389.80	329.61	211.58
9.	341	218.79	227.97	227.42	227.75	162.10	151.40
10.	209	266.49	246.94	320.60	325.71	318.71	308.27
11.	399	21.10	28.49	51.89	56.29	74.64	65.14
12.	207	217.71	143.04	76.76	42.38	7.43	-

Contd.,.....

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(Contd....)
Year 1985

(Base 1970 = 100)

S.No.	Group Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	Annual Ave. Index No.
		9.	10.	11.	12.	13.	14.	15.
		166.35	159.88	166.74	184.26	168.73	176.73	171.39
1.	231	199.02	201.84	205.24	197.02	171.60	193.10	197.40
2.	311	151.75	141.06	141.06	159.24	149.21	155.33	152.29
3.	382	28.20	33.33	38.56	70.51	78.20	89.74	56.73
4.	360	130.57	135.52	130.65	146.84	176.49	162.63	146.94
5.	334	283.23	257.33	250.67	303.42	269.22	251.19	255.87
6.	391	26.04	29.64	51.69	79.87	31.42	21.79	45.08
7.	370	190.10	125.32	239.60	306.67	235.22	252.17	201.11
8.	342	338.37	369.46	352.37	458.67	480.93	493.49	404.40
9.	341	151.40	118.90	114.47	113.50	91.90	104.86	159.21
10.	209	242.20	208.25	252.26	249.19	224.35	221.16	265.34
11.	399	40.73	38.54	42.61	43.64	37.74	37.06	44.82
12.	207						70.19	46.46

ANNEXTURE - II

71 - 24070000

= 61 =
ANNEXTURE - II

MONTHWISE INDICES OF MINING AND ELECTRICITY SECTORS

YEAR 1971

S. Group No.	Group No.	Description.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.	9.
		Index of mining sector	158.30	174.27	132.94	140.80	137.32	128.12
		Metal ore mining	102.22	103.51	103.54	117.07	126.71	118.45
1.	126	Lead & Zinc	97.62	102.87	103.48	97.61	111.30	93.55
2.	128	Wol Fram	62.87	63.67	77.62	81.13	88.10	81.38
3.	125	Copper ore	284.66	315.42	292.45	357.77	317.08	396.61
4.	124	Silver ore	-	-	-	178.37	398.00	222.12
		Other ore mining	173.90	192.56	139.72	147.46	140.27	130.81
5.	190	Stone quarrying, clay and sand pits.	127.66	123.37	124.80	117.67	117.79	99.93
6.	191	Chemicals & Fertiliser mineral mining.	143.82	176.42	148.02	178.66	160.02	168.51
7.	194	Mica(all)	192.65	570.59	160.29	165.20	146.57	115.20
8.	195	Gypsum	120.42	124.07	128.68	127.26	140.98	121.36
9.	199	Other mining not elsewhere classified.	171.00	164.15	148.84	141.56	132.23	124.31
		Index of Manufacturing sector.	100.64	90.79	102.61	101.56	101.92	94.61
		Index of electricity sector	144.34	138.21	149.92	136.09	148.19	126.45
		Gen. Index	113.68	106.95	113.62	111.25	113.24	103.28

Contd....

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(Contd....)

YEAR 1971

(Base 1970 = 100)

S. Group No. Code No.	JUL.	AUG.	SEPT	OCT.	NOV.	DEC	Annual Average
	10.	11.	12.	13.	14.	15.	16.
	110.11	100.44	108.67	111.90	124.03	150.71	131.47
	92.00	97.35	135.30	119.71	154.40	182.24	121.88
1. 126	79.28	76.09	112.60	99.82	105.41	124.82	100.37
2. 128	54.94	50.62	68.89	63.52	61.46	69.49	68.64
3. 125	366.24	404.59	503.70	436.53	897.78	1178.54	479.28
4. 124	-	117.79	129.31	119.71	132.69	-	185.50
	115.15	101.30	101.27	109.73	115.58	141.94	134.14
5. 190	71.13	85.07	93.32	96.87	113.92	130.72	108.52
6. 191	177.81	123.37	104.56	134.14	122.60	157.02	150.00
7. 194	118.63	209.00	95.69	90.20	100.93	134.80	174.08
8. 195	99.23	74.05	134.13	120.39	126.46	136.58	121.13
9. 199	60.05	58.85	73.31	74.04	98.01	139.35	115.43
	88.41	100.95	94.05	98.09	103.94	111.29	99.07
	120.42	128.03	131.11	142.45	159.31	165.48	140.83
	95.97	105.53	101.80	107.01	115.35	124.36	109.34

63
 YEAR 1972

S. Group No. Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.
1. 2.	3.	4.	5.	6.	7.	8.
	158.69	153.58	167.89	160.39	149.11	155.34
	198.63	203.22	228.78	218.35	211.12	221.53
1. 126	121.19	95.35	111.10	111.00	102.80	96.55
2. 128	73.40	87.85	96.58	94.37	84.84	80.68
3. 125	1473.81	1799.19	1809.19	1766.94	1764.60	2006.04
4. 124	-	-	304.92	153.18	158.94	164.23
	147.59	139.77	150.96	144.27	115.57	136.93
5. 190	126.21	128.73	135.82	137.71	132.70	127.47
6. 191	169.09	153.24	170.95	159.00	130.63	154.31
7. 194	118.63	98.04	138.24	123.04	122.55	121.57
8. 195	156.32	148.17	147.83	131.92	121.66	135.40
9. 199	152.64	149.87	147.99	153.91	142.03	125.59

	107.21	109.50	97.25	111.97	107.55	103.70
	189.21	183.16	200.43	56.91	51.85	46.73
	126.20	126.35	121.71	107.21	102.02	98.93

Contd.,...

(Contd.....)

YEAR 1972

Base 1970 =100

S. Group	JUL.	AUG.	SEP.	OCT.	MOV.	DEC.	Annual
No. Code No.	9.	10.	11.	12.	13.	14.	Average
							15.
	115.30	121.25	148.68	143.28	133.65	159.25	147.20
	141.19	129.55	185.17	195.92	126.63	228.13	190.68
1. 126	97.68	106.77	102.00	105.76	86.55	138.04	106.23
2. 128	55.24	56.39	68.89	111.63	66.63	78.22	79.56
3. 125	765.38	392.82	1364.19	1450.84	1154.69	1533.49	1440.03
4. 124	174.31	180.07	193.04	170.47	273.23	236.73	200.91
	108.09	118.94	138.53	128.64	125.51	140.10	132.90
5. 190	117.76	112.40	126.20	138.42	126.63	135.18	128.77
6. 191	116.32	132.84	168.70	134.07	136.82	140.24	147.18
7. 194	118.14	142.16	117.65	103.92	93.14	120.10	118.10
8. 195	92.99	112.65	133.65	127.62	115.03	138.47	130.91
9. 199	70.87	82.23	106.42	111.87	132.47	172.02	129.00
	104.70	106.96	110.41	108.81	108.32	117.54	107.82
	51.30	57.29	64.52	71.24	59.96	66.88	91.62
	96.58	99.83	106.24	105.70	102.48	112.89	108.85

YEAR 1973

S. Group No. Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.
1. 2.	3.	4.	5.	6.	7.	8.
	143.75	149.32	144.91	130.59	130.71	137.15
	224.89	240.10	143.02	154.00	194.02	289.74
1. 126	137.46	159.62	143.62	112.47	160.84	183.42
2. 128	68.53	12.54	88.45	75.06	62.97	51.68
3. 125	1568.93	1549.16	160.53	753.89	772.78	1995.91
4. 124	100.84	205.04	194.48	155.10	185.85	177.19
	121.87	124.07	145.43	124.08	113.10	94.70
5. 190	131.15	135.96	123.96	121.05	118.09	116.51
6. 191	131.91	100.34	156.15	108.77	87.21	75.97
7. 194	136.76	112.25	148.53	131.86	120.59	90.20
8. 195	56.70	131.95	149.29	132.35	126.07	90.25
9. 199	150.53	163.84	159.93	158.44	152.37	104.85
	99.83	107.76	106.46	94.09	99.94	106.76
	80.20	62.36	69.48	163.32	171.40	149.33
	100.70	103.99	103.83	109.45	114.90	116.97

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YEAR 1973

(Base 1970 = 100)

S. Group No. Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE.
9.	10.	11.	12.	13.	14.	15.	
	133.06	133.14	109.90	120.58	130.09	161.63	135.40
	331.10	343.57	255.96	284.73	250.00	351.65	256.07
1. 126	186.12	177.47	120.31	148.34	150.17	164.87	154.61
2. 128	58.70	75.51	63.22	-	-	-	61.95
3. 125	2581.87	2865.65	2236.27	2488.42	1720.89	3543.81	1861.51
4. 124	196.40	189.20	190.16	88.84	192.08	-	170.47
	77.98	74.70	69.27	74.93	96.74	106.00	101.91
5. 190	102.74	83.39	77.16	83.78	111.68	104.76	109.19
6. 191	56.85	63.52	48.22	77.34	102.44	113.85	93.55
7. 194	83.82	75.49	66.67	46.57	41.67	43.44	91.46
8. 195	87.00	80.42	92.76	77.01	71.42	75.98	97.60
9. 199	60.68	77.38	82.39	68.50	125.49	182.04	123.87
	102.59	103.20	98.28	105.21	103.32	113.52	103.41
	196.27	184.84	176.81	241.97	261.87	252.09	167.50
	121.55	120.05	112.84	130.09	133.02	141.87	117.43

S. No.	Group Code	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		143.82	154.06	178.52	177.43	184.66	222.23
		225.21	286.32	244.57	266.95	274.70	503.44
1.	126	137.46	165.35	196.32	199.06	179.28	155.40
2.	128	68.53	-	61.76	61.76	76.71	71.65
3.	125	1573.79	2186.15	1135.51	-	1788.16	5681.07
4.	124	148.86	135.89	156.06	139.26	172.87	132.53
		121.19	117.28	160.15	152.33	159.62	140.57
5.	190	131.15	123.07	109.34	100.04	91.58	109.38
6.	291	131.91	110.26	243.74	233.74	265.11	209.73
7.	194	136.76	75.00	76.96	70.59	83.82	77.45
8.	195	45.70	99.57	99.38	87.76	93.37	79.46
9.	199	150.53	184.44	197.71	205.33	176.88	153.70
		128.69	123.13	133.82	113.12	107.39	92.67
		257.76	242.46	246.48	207.19	222.18	182.70
		152.23	146.52	157.40	135.41	134.47	120.56

Contd.....

(Contd.....)

YEAR 1974

(Base 1970 =100)

S. Group No. Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
9.	10.	11.	12.	13.	14.	15.	
	264.22	249.31	267.30	244.60	274.01	288.31	220.71
	607.25	534.79	563.96	523.39	547.53	574.78	429.41
1. 125	217.35	213.87	207.87	215.84	201.65	245.86	194.61
2. 128	68.29	70.14	61.16	73.36	82.13	108.12	73.12
3. 125	6475.15	5422.51	5922.02	5180.20	5700.06	5524.14	4235.43
4. 124	186.31	146.94	199.28	191.60	225.69	241.06	173.03
	158.82	169.92	184.79	167.69	197.41	208.64	162.37
5. 190	75.57	92.55	104.61	95.61	115.95	119.35	105.74
6. 191	335.57	306.59	299.44	229.46	324.13	347.78	253.12
7. 194	84.80	80.88	59.12	91.18	105.39	98.53	87.54
8. 195	82.28	135.56	192.89	222.06	174.52	153.21	111.73
9. 199	104.36	89.31	144.11	156.45	143.61	198.50	158.74
	110.76	107.54	100.07	100.50	95.76	127.35	111.73
	220.65	241.02	261.82	205.83	197.80	241.95	227.32
	144.36	168.07	143.87	132.41	130.40	162.47	144.01

YEAR 1975

S. Group	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
No. Code No.						
1. 2.	3.	4.	5.	6.	7.	8.
	289.45	268.61	271.35	252.04	232.74	197.95
	585.05	535.10	551.31	578.87	640.37	546.93
1. 126	281.64	232.53	200.37	228.17	236.43	238.77
2. 123	114.09	103.06	103.30	119.01	115.09	-
3. 125	5160.83	5075.74	5750.39	5863.51	6694.02	5491.34
4. 124	325.09	242.50	223.77	153.66	187.24	-
Other ore mining	207.24	194.50	167.93	161.14	119.37	100.89
5. 190	133.63	126.02	112.49	134.05	131.26	108.03
6. 191	323.05	324.59	324.42	212.11	115.15	97.21
7. 194	113.73	64.71	99.01	105.39	95.59	85.78
8. 195	167.59	153.44	147.37	148.13	112.29	73.20
9. 199	189.09	156.19	159.07	147.16	132.62	110.30
	139.89	117.68	115.37	122.61	106.90	89.91
	235.36	214.56	242.48	294.50	313.26	299.52
	170.64	148.80	152.15	164.50	154.33	136.18

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YEAR 1975

(Base 1970 =100)

S. Group No. Code No.	JUL.	AUG.	SEPT.	OCT.	NOVE.	DEC.	ANNUAL AVERAGE.
	9.	10.	11.	12.	13.	14.	15.
	217.98	217.53	225.90	256.83	263.57	297.66	249.30
	550.88	609.16	608.97	606.35	596.18	733.11	595.19
1. 125	284.76	274.84	254.99	243.77	273.40	309.92	254.97
2. 128	90.51	89.91	96.13	103.05	94.62	116.30	104.37
3. 125	4886.63	5897.98	6137.85	6230.14	5708.92	7351.05	5852.37
4. 124	-	-	-	-	-	-	226.45
	125.40	108.61	119.36	159.66	171.06	176.56	150.98
5. 190	114.97	96.26	80.87	97.05	86.63	108.98	110.86
6. 191	200.76	176.15	223.05	328.64	363.21	329.98	251.53
7. 194	74.02	77.45	67.16	86.27	79.90	71.08	85.01
8. 195	54.86	46.63	48.45	47.17	51.47	79.94	94.21
9. 199	70.40	51.93	53.12	66.70	89.86	119.41	112.15
	100.64	112.44	114.15	117.02	114.02	130.14	115.06
	246.31	234.24	230.66	248.43	273.12	312.73	262.10
	136.87	143.41	144.85	140.26	155.65	177.53	152.10

YEAR 1976

S. Group	JAN.	FEB.	MAR.	APR.	MAY.	JUN.
No. Code No.						
1. 2.	3.	4.	5.	6.	7.	8.
	294.82	333.22	342.29	258.68	246.90	297.04
	678.26	706.39	782.62	767.32	716.52	815.84
1. 126	281.59	307.51	310.19	299.07	259.55	255.70
2. 128	149.91	147.76	147.71	144.54	137.67	160.75
3. 125	6822.24	6935.55	8079.73	7993.28	7709.60	9275.70
4. 124	-	-	-	-	-	-
	188.17	229.44	219.83	117.22	116.28	152.75
5. 190	113.79	107.52	111.82	107.14	129.58	145.68
6. 191	335.71	461.61	421.88	144.43	134.17	238.33
7. 194	81.86	73.53	63.24	54.41	54.41	52.45
8. 195	106.69	108.30	132.40	93.10	65.03	61.87
9. 199	145.97	156.38	155.36	151.01	153.82	130.27
	129.81	118.71	101.84	113.94	129.82	130.08
	351.05	315.82	338.85	276.72	339.25	271.26
	183.57	173.11	165.57	155.74	176.93	170.33

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YEAR 1976

(Base 1970 = 100)

S. Group No. Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
9.	10.	11.	12.	13.	14.	15.	
	303.55	288.96	321.19	337.49	374.91	449.69	320.71
	924.17	812.23	845.58	779.22	915.52	1026.03	814.14
1. 126	287.25	280.95	252.46	276.99	358.47	300.34	269.22
2. 128	171.64	139.48	101.45	150.56	167.12	169.88	149.04
3. 125	10282.81	8926.30	9849.01	8292.45	9311.23	11739.97	7449.26
4. 124	339.98	-	-	205.52	277.07	291.96	278.63
	130.95	143.43	175.63	214.64	224.31	289.40	183.48
5. 190	129.75	114.81	133.03	140.55	148.77	155.17	128.11
6. 191	189.68	249.34	340.71	456.23	475.59	627.75	339.62
7. 194	35.29	24.02	21.08	18.62	14.71	27.45	43.42
8. 195	81.38	87.68	59.61	44.12	43.58	59.71	78.63
9. 199	113.51	86.22	89.16	94.93	105.53	174.47	129.72
	133.82	126.89	111.75	121.92	128.85	132.21	123.31
	286.92	319.53	321.17	373.26	376.96	346.21	326.42
	176.38	175.47	167.77	185.70	195.00	199.44	177.08

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YEAR 1977
- - - - -

S. Group No.	Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.
1.	2.	3.	4.	5.	6.	7.	8.
		425.57	419.21	356.39	314.19	310.62	306.98
		994.43	894.91	847.62	776.67	768.48	846.68
1.	126	277.89	255.97	271.48	262.50	239.10	262.84
2.	128	156.84	169.43	168.93	168.07	175.20	164.56
3.	125	11362.35	10083.92	9124.32	8346.67	8387.95	9285.73
4.	124	533.49	524.37	563.27	287.15	441.30	482.11
	Other ore mining.	267.36	286.90	219.77	185.56	183.28	156.87
5.	190	172.02	170.88	158.30	160.11	162.22	147.24
6.	191	544.51	572.27	392.30	290.96	287.17	138.84
7.	194	29.90	38.73	38.24	41.67	47.55	47.06
8.	195	76.42	123.22	135.87	129.85	106.42	91.21
9.	199	161.00	181.90	142.91	143.83	155.56	120.70
		149.48	129.75	126.13	130.91	109.99	111.55
		335.24	310.45	318.26	254.45	216.44	292.56
		207.87	188.57	181.20	169.71	147.54	161.43

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(Contd.....)

YEAR 1977

(Base 1970 = 100)

S. Group No.	Coe-dNo.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE.
1.	9.	10.	11.	12.	13.	14.	15.	
		321.80	296.72	332.82	364.13	388.60	437.18	356.18
		917.69	834.26	566.12	935.91	972.98	1111.56	872.28
1.	126	298.03	312.33	332.18	293.68	326.78	421.39	296.18
2.	128	145.10	159.34	149.46	154.93	146.20	176.35	161.20
3.	125	9935.55	8455.80	8799.16	10316.69	10457.36	11412.83	9663.86
4.	124	525.81	507.56	497.48	454.26	491.72	456.18	480.39
Other ore mining		156.07	147.22	183.12	205.10	226.08	249.62	205.58
5.	190	136.27	137.04	137.50	157.05	159.20	146.98	153.73
6.	191	264.41	251.25	354.15	405.35	459.65	511.18	364.34
7.	194	42.65	31.86	43.14	38.73	37.75	30.88	39.01
8.	195	92.41	74.88	66.70	56.30	44.88	79.57	89.81
9.	199	74.86	67.76	76.79	85.92	118.99	162.67	124.41
		114.51	118.18	139.75	139.89	138.81	155.23	130.36
		234.70	249.84	263.17	284.46	294.46	299.92	232.79
		155.05	157.97	159.67	186.24	189.44	207.16	177.63

S. No.	Group Code	JAN.	FEB.	MAR.	APR.	MAY.	JUN.
1.	2.	3.	4.	5.	6.	7.	8.
		280.52	353.82	429.80	223.90	340.82	373.36
		400.40	792.95	950.98	355.69	877.91	945.31
1.	126	387.05	362.32	407.14	370.30	354.30	374.34
2.	128	-	141.99	172.79	148.16	151.21	149.21
3.	125	979.65	7012.56	9080.52	321.46	8629.97	9422.80
4.	124	480.19	759.66	480.19	480.19	488.36	503.24
Other ore mining.		247.18	231.69	284.84	187.25	191.44	215.17
5.	190	149.42	163.14	173.10	170.24	161.35	158.21
6.	191	483.80	428.19	548.97	278.75	319.26	395.74
7.	194	37.25	37.74	23.52	50.49	43.62	41.17
8.	195	87.11	93.70	150.59	113.13	84.35	77.94
9.	199	170.56	185.01	202.09	182.89	167.12	158.50
		156.54	132.81	150.72	137.88	150.00	141.30
		338.05	302.79	335.94	289.02	317.59	328.46
		199.54	183.19	209.31	172.03	207.33	195.69

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(Contd.....)

YEAR 1978

(Base 1970 =100)

S. No.	Group Code	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
9.	10.	11.	12.	13.	14.	15.		
		379.28	360.75	338.01	261.12	367.34	417.41	343.84
		1054.94	981.02	905.78	875.67	966.63	957.27	838.71
1.	126	364.36	418.60	380.39	387.73	401.91	457.86	388.86
2.	128	127.13	127.89	131.30	151.07	175.85	176.70	150.30
3.	125	11289.23	9528.52	8837.22	8147.98	9305.59	8200.25	7562.90
4.	124	480.19	393.76	384.15	529.65	594.00	917.65	540.94
	Other ore mining.	191.36	188.24	180.21	90.20	200.66	267.26	206.29
5.	190	130.08	125.70	121.28	141.09	131.62	152.88	148.18
6.	191	357.26	345.14	324.93	46.70	373.32	512.56	367.88
7.	194	35.29	33.33	39.21	34.80	28.92	31.86	36.43
8.	195	88.56	117.73	106.05	92.03	95.33	109.38	101.33
9.	199	135.49	126.12	129.06	137.33	161.85	255.99	167.67
		142.95	136.63	153.24	151.30	141.44	145.38	145.02
		329.19	350.06	376.89	385.22	374.14	403.74	349.26
		197.59	194.75	209.31	201.91	203.03	215.80	199.12

YEAR 1979

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YEAR 1979

(Base 1970 = 100)

S. Group No.	Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE.
		9.	10.	11.	12.	13.	14.	15.
		389.31	326.58	384.80	341.46	344.65	372.18	376.69
		987.47	911.01	1020.15	999.39	919.19	839.64	973.15
1.	126	492.93	415.38	449.76	375.78	435.87	374.62	426.62
2.	128	122.07	131.35	122.07	132.45	165.52	166.32	156.89
3.	125	8645.35	8423.19	9828.66	10273.66	8245.62	7766.45	8235.95
4.	124	456.18	455.22	283.31	482.59	463.39	481.15	430.89
Other ore mining.		222.95	164.03	208.10	158.48	184.86	242.17	210.79
5.	190	146.23	148.93	122.83	155.94	121.28	162.42	150.54
6.	191	427.90	248.59	392.94	221.80	319.83	430.15	364.31
7.	194	49.51	48.53	43.63	35.78	41.18	46.08	43.42
8.	195	84.12	95.65	93.25	87.24	100.87	105.99	103.60
9.	199	154.77	148.60	180.28	183.80	189.07	247.81	204.44
		153.61	168.86	166.65	164.67	173.97	159.79	168.86
		434.68	435.57	438.89	410.54	349.15	340.41	375.15
		224.22	229.70	234.26	223.78	220.40	211.17	224.17

YEAR 1980

S. Group	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
No. Code No.						
1. 2.	3.	4.	5.	6.	7.	8.
	304.93	230.74	203.99	270.22	283.15	219.20
	601.79	365.11	324.24	795.55	844.83	653.79
1. 126	217.34	71.54	114.00	341.36	290.13	255.56
2. 128	195.12	195.37	352.71	141.48	142.39	166.32
3. 125	5999.71	4174.75	2783.78	7901.91	8956.09	6401.38
4. 124	504.20	482.11	528.21	-	460.02	456.18
Other ore mining.	222.44	193.41	170.59	124.03	126.93	98.33
5. 190	125.87	70.90	55.51	90.48	125.48	128.76
6. 191	385.17	240.10	315.44	170.46	207.64	124.16
7. 194	57.84	59.31	59.31	45.59	12.25	12.25
8. 195	107.62	101.70	128.31	85.74	85.60	81.86
9. 199	287.45	593.99	190.56	193.00	52.23	45.81
	156.50	103.02	95.97	144.19	143.32	148.10
	346.52	317.11	295.57	269.24	312.98	312.50
	203.32	151.96	140.53	177.73	187.37	183.08

Contd.....

(Contd.....)

YEAR 1980

(Base 1970 = 100)

S. Group No.	Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE.
1.	9.	10.	11.	12.	13.	14.	15.	
		303.02	311.81	348.62	301.68	307.71	256.87	278.50
		922.30	992.46	1024.44	720.44	722.89	538.29	708.87
1.	126	482.98	398.84	386.09	399.01	325.63	190.54	289.41
2.	128	172.89	142.49	162.86	158.19	136.67	149.86	176.36
3.	125	7682.24	9890.38	10524.63	5987.83	6976.54	5793.03	6922.69
4.	124	482.59	456.18	456.18	-	-	-	478.20
		130.79	122.50	160.67	185.21	192.23	179.60	158.89
5.	190	140.42	131.40	162.32	165.68	152.93	145.21	124.58
6.	191	164.59	140.70	199.94	262.55	317.90	250.87	231.52
7.	194	46.08	42.16	47.06	56.86	50.00	71.08	46.64
8.	195	89.24	97.94	122.97	106.38	82.14	117.46	100.58
9.	199	138.69	151.50	193.33	227.10	196.17	227.91	208.14
		163.83	150.25	142.81	132.05	132.78	131.68	137.62
		379.80	425.41	414.02	427.70	349.94	329.75	348.38
		214.20	212.90	209.05	198.99	191.72	177.63	187.39

YEAR 1981

S. Group No.	Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		238.77	243.05	286.76	300.95	347.09	252.20
		280.02	440.96	569.03	807.07	1056.61	534.72
1.	126	90.22	244.41	330.82	351.50	443.91	268.75
2.	128	132.75	150.06	190.05	100.24	79.72	101.00
3.	125	3059.09	3599.79	4455.02	8002.63	10742.80	4809.09
4.	124	-	-	-	-	-	-
Other ore mining.		227.33	188.00	208.26	160.19	149.63	173.63
5.	190	135.70	146.93	166.16	184.52	175.24	167.20
6.	191	370.62	269.95	299.93	158.07	154.19	230.03
7.	194	85.29	76.47	73.04	68.63	58.82	65.20
8.	195	155.26	145.14	170.36	140.06	80.76	108.13
9.	199	260.16	207.77	216.89	216.14	211.55	208.51
		100.86	130.32	142.18	147.68	161.68	135.73
		311.17	272.96	328.02	290.26	305.89	326.40
		150.13	165.59	187.61	186.85	204.22	179.58

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(Contd.....)

YEAR 1981

(Base 1970 = 100)

S. Group No. Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
1. 2. 9. 10. 11. 12. 13. 14. 15.							
	252.94	255.38	342.31	330.97	278.63	263.13	282.68
	677.62	595.37	790.02	748.17	601.60	527.79	635.75
1. 126	207.18	177.23	263.08	224.99	178.35	202.70	248.66
2. 128	104.61	77.16	159.45	118.35	134.81	120.41	122.38
3. 125	7803.74	6934.48	8772.29	8660.14	6234.42	5511.10	6548.72
4. 124	-	-	-	-	-	-	-
	134.74	160.82	217.80	214.94	188.81	189.52	184.47
5. 190	143.27	146.23	296.04	167.32	177.50	179.86	273.83
6. 191	158.90	250.37	276.31	378.53	275.93	253.58	256.37
7. 194	58.14	59.31	44.12	42.65	51.96	71.57	63.77
8. 195	93.51	80.58	101.21	96.25	104.77	105.80	115.16
9. 199	156.83	132.47	150.92	167.17	196.07	241.63	173.11
	164.29	155.40	175.36	170.58	167.83	180.36	152.67
	365.90	389.03	420.16	380.15	360.47	365.63	343.00
	207.33	205.01	233.35	221.90	211.47	220.03	197.76

YEAR 1982

 S. Group JAN. FEB. MAR. APR. MAY. JUNE.
 No. Code No.

1. 2. 3. 4. 5. 6. 7. 8.

198.62 246.54 254.46 228.36 251.90 351.55
 394.05 328.16 494.34 636.08 665.53 881.32
 1. 126 192.99 239.79 280.15 292.75 361.66 355.49
 2. 128 150.51 266.41 452.60 153.22 117.50 231.09
 3. 125 3515.77 1765.19 3622.57 6021.42 4097.35 8952.88

4. 124 -----

144.28 223.85 187.70 114.89 164.63 204.10

5. 190 97.81 134.40 141.43 182.34 193.79 172.14

6. 191 180.06 397.08 256.70 112.74 204.79 333.69

7. 194 69.61 72.06 75.00 71.08 57.84 57.84

8. 195 123.02 105.39 174.50 111.92 89.21 81.69

9. 199 250.73 233.71 220.19 207.03 169.68 198.06

133.46 114.39 170.18 139.91 147.33 107.07

345.33 398.90 295.36 312.45 331.72 340.47

175.99 175.80 199.72 177.96 188.96 170.57

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YEAR 1981

(Base 1970 = 100)

S. Group	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
No. Code No.							AMERAGE.
1. 2.	9.	10.	11.	12.	13.	14.	15.
	248.79	262.77	364.81	260.20	245.71	333.45	270.60
	674.73	668.12	789.54	586.63	656.77	749.12	635.37
1. 126	255.85	410.03	470.40	356.07	422.01	521.40	346.54
2. 128	139.33	145.90	218.25	165.57	82.03	334.24	204.72
3. 125	7104.69	5049.55	6091.51	4439.35	4407.90	4683.22	4979.28
4. 124	-	-	-	-	-	-	-
	130.25	149.98	246.42	169.36	131.33	217.79	173.72
5. 190	155.56	165.94	183.25	174.50	191.68	239.92	169.32
6. 191	127.80	200.07	446.30	228.52	119.06	302.19	242.42
7. 194	56.37	59.80	35.78	37.75	44.12	43.14	56.70
8. 195	118.82	103.25	151.15	126.46	85.20	110.87	115.12
9. 199	155.38	106.30	137.31	158.31	155.32	213.60	183.80
	135.42	157.55	163.67	155.85	161.20	173.42	146.62
	397.62	393.82	481.84	441.98	360.79	396.88	374.76
	191.21	208.11	237.50	214.88	203.50	227.08	197.60

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YEAR 1983

S. Group No. Code No.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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1.	2.	3.	4.	5.	6.	7.	8.
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YEAR 1983

(Base 1970=100)

S. # Group No. Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE
9.	10.	11.	12.	13.	14.	15.	
	314.01	362.19	484.40	447.34	455.60	491.56	378.77
	764.38	1090.50	1196.51	1177.63	1107.74	1102.00	901.96
1. 126	510.78	607.69	657.00	535.16	542.10	508.65	504.70
2. 128	52.73	55.59	78.47	142.74	150.67	202.69	129.99
3. 125	5382.69	9233.35	10226.54	11392.62	10209.97	10480.33	7507.27
4. 124	-	-	-	-	-	-	-
	188.76	159.63	286.36	227.03	274.23	321.78	231.75
5. 190	215.48	203.93	238.52	245.55	242.91	255.76	233.65
6. 191	289.26	207.40	549.57	419.21	507.90	598.08	369.18
7. 194	23.53	28.92	24.02	21.08	21.57	30.88	34.52
8. 195	95.73	96.28	105.11	98.34	76.87	122.10	100.32
9. 199	99.32	110.24	112.05	122.51	146.28	194.56	162.09
	142.04	136.54	155.89	155.53	157.65	169.26	140.07
	358.20	450.87	416.23	445.25	521.43	557.22	395.49
	195.60	212.07	232.10	235.83	248.61	266.70	206.94

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(Contd.....)

YEAR:1984

S. No.	Group Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE.
		9.	10.	11.	12.	13.	14.	15.
		367.72	414.91	446.71	382.98	485.62	439.42	443.89
		892.99	1109.44	1151.47	1000.14	1228.58	1229.18	1089.93
1.	126.	501.56	522.67	614.48	441.19	494.92	535.41	526.82
2.	128	175.80	176.15	225.42	107.12	164.41	164.41	160.00
3.	125	7352.80	10450.64	9888.53	9859.81	12791.76	12165.01	10000.54
4.	124	-	-	-	-	-	-	-
		221.63	221.76	250.70	211.34	279.00	219.77	264.24
5.	190	257.69	225.42	181.77	131.66	246.62	247.70	244.11
6.	191	280.20	341.27	475.31	409.24	487.00	296.59	421.52
7.	194	31.37	46.08	46.08	25.00	30.39	34.80	39.09
8.	195	215.67	152.61	116.70	80.21	72.37	109.01	153.25
9.	199	138.96	112.30	127.26	172.47	370.47	412.29	230.48
		171.16	175.45	159.36	173.50	167.66	176.66	163.34
		441.03	420.02	481.38	519.48	543.88	550.74	473.40
		236.28	240.38	242.16	259.03	262.68	266.00	243.95

YEAR 1985

S. Group No. Code No.		JAN.	FEB.	MAR.	APR.	MAY.	JUNE.
1.	2.	3.	4.	5.	6.	7.	8.
		439.42	484.30	421.78	529.19	524.91	486.57
		1229.18	1164.02	1248.53	1253.40	1272.99	1123.71
1.	126	535.41	484.78	521.81	527.31	539.99	502.41
2.	128	164.41	64.67	175.70	119.41	105.16	198.00
3.	125	12165.01	11760.61	12476.73	12568.93	12740.95	10955.51
4.	124	-	192.56	192.56	167.11	153.18	83.07
		219.77	295.26	191.85	327.77	316.86	309.37
5.	190	247.70	259.66	258.85	270.95	252.12	280.36
6.	191	296.59	489.95	213.94	600.73	546.28	499.54
7.	194	34.80	35.78	27.45	41.67	35.78	54.41
8.	195	109.01	148.73	127.49	107.44	183.76	156.10
9.	199	412.29	241.58	192.11	219.73	236.15	257.16
		181.03	166.90	179.59	181.69	164.21	160.55
		487.08	389.39	410.36	344.28	391.81	389.15
		258.30	235.56	242.42	243.00	237.92	231.09

Contd.....

(Contd.....)

YEAR 1985

(Base 1970 = 100)

S. Group No.	Code No.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL AVERAGE.
1.	2.	9.	10.	11.	12.	13.	14.	15.
		464.28	451.08	478.84	493.47	452.21	496.56	476.88
		1310.22	1207.73	1128.03	1311.84	1283.20	1409.64	1245.20
1.	126	526.65	549.10	529.24	650.91	515.81	737.38	551.73
2.	128	138.62	120.71	153.88	132.50	100.34	155.53	127.47
3.	125	13454.63	11521.71	10518.01	11795.07	13108.26	12289.23	12112.89
4.	124	145.02	247.30	216.09	310.20	286.19	191.60	182.07
		229.01	240.65	298.28	265.86	221.10	242.62	263.20
5.	190	279.75	268.00	272.02	305.04	329.29	318.76	278.54
6.	191	283.16	350.33	501.89	354.82	212.06	266.06	384.61
7.	194	44.12	42.65	36.27	51.47	48.53	38.72	40.97
8.	195	151.23	155.68	179.69	191.24	140.27	150.19	150.07
9.	199	212.37	141.44	160.68	198.83	238.44	283.52	232.86
		166.35	159.88	166.74	184.26	168.73	176.73	171.39
		400.52	440.33	546.76	439.55	488.68	465.22	433.42
		235.14	237.31	268.15	257.75	250.80	256.92	246.20

ANNEXTURE - III

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ANNEXURE - III

INDEX OF INDUSTRIAL PRODUCTION

(Base 1970 = 100)

WEIGHTING DIAGRAM

1. Manufacturing Sector

S. Group No. Code No.	Name of the Group	Value added '000Rs.	%age to total
1. 2. 3.		4.	5.
1. 231	Spinning, Weaving & Finishing of Textiles.	170012	36.86
2. 311	Basic Industrial chemicals Inclu- ding Fertilizer	68955	14.95
3. 382	Manufacture of Rail Road Equipments.	53052	11.50
4. 360	Machinery-Except Electrical Machinery.	43857	9.51
5. 334	Cement	34622	7.50
6. 391	Professional Scintific Instruments	25632	5.56
7. 370	Electrical Mach., Apparatus, appliances & Supplies.	20330	4.41
8. 342	Non-Ferrous Basic Metal Indu- stries.	14964	3.24
9. 341	Iron & Steel Basic Industries	13545	2.94
10. 209	Misc. Food Preparations	12099	2.62
11. 399	Misc. Mfg. Industries not elsewhere classified.	3210	0.70
12. 207	Sugar Factories & Refineries.	946	0.21
Total:-		461224	100.00

(Contd....)

(Contd.....)

2. Mining Sector

S. Group No.	Code No.	Name of Mining Group	Sale value at Pit's month 1000s.	%age to total
1.	2.	3.	4.	5.
1.	126	Lead and Zinc	10715.00	17.64
2.	128	Wolfram	1004.00	1.65
3.	125	Copper ore	847.00	1.40
4.	124	Silver ore	649.00	1.07
5.	190	Stone quarrying Clay & sand Pits.	13754.00	22.64
6.	191	Chemicals & Fertiliser mineral mining.	16065.00	26.46
7.	194	Mica	4928.00	8.12
8.	195	Gypsum	7256.00	11.95
9.	199	Other mining not elsewhere classified.	3500.00	9.07
Total:-			60718.00	100.00

3. Electricity, Light & Power

S. Group No.	Code No.	Name of Mining Group	Sale value at Pit's month 1000s.	%age to total
1.	2.	3.	4.	5.
1.	511	Electricity	107722.00	100.00

(Contd.....)

(Contd....)

S. No.	SECTOR	Value added ('000Rs.)	%age to total value added.
1.	2.	3.	4.
1.	Manufacturing	461224	73.25
2.	Mining	60718	9.64
3.	Electricity	107722	17.11
Total;		629624	100.00

639664

ANNEXTURE IV

ANNEXTURE - IV

LIST OF SELECTED ITEMS (MANUFACTURING SECTOR)

S. No.	Industry Group No.	Industry group/item
1.	2.	3.
1.	231	Spinning, Weaving and finishing of textiles. 1.Cotton Yarn 2.Cotton Cloth 3.Nylon Yarn 4.Double Yarn 5.H.T.Tyre cord.
2.	311	Basic Industrial Chemicals Including fertilizers. 1.Urea 2.P.V.C.Compound 3.P.V.C. Resin 4.Caustic Soda
3.	382	Mfg. of Rail Road equipment 1.Railway Wagon(All Type)
4.	360	Mfg. of machinery except electrical. 1.Ball Bearings 2.Axle Boxes 3.Tapper Roller bearings
5.	334	Manufacture of Cement(Hydraulic) 1.Cement
6.	391	Manufacture of professional scientific, measuring and controlling instruments. 1.Ferro Dynamic instrument. 2.Control Panel and Desks 3.Pneumatic instruments. 4.Controllers 5.Water Meters 6.Transmitters 7.Electronic instruments.

contd.....

1. 2. 3.

7. 370 Manufacture of electrical machinery, apparatus
appliances and supplies.
1. A.C.S.R. Conductors
 2. Electric Meters
 3. P.V.C. wares and Cables.
 4. Paper insulates cables.

8. 342 Non-Ferrous basic metal industries.
1. Zinc Ingots.
 2. Super Phosphate
 3. Barass Rods and bars.
 4. Brass Tubes
 5. Aluminium Conductors.
 6. Copper Tubes
 7. Copper Rods
 8. Sulphuric Acid
 9. Cadmium

9. 341 Iron Steel basic industries
1. Transmission Towers.

10. (309) 209 Manufacture of miscellaneous food preparation.
1. Vegetable Ghee
 2. Edible oil
 3. Salt

11. 399 Miscellaneous manufacturing industries not
elsewhere classified.

1. Crushed Bone
2. Bone Meal
3. Sinews
4. Ice

12. 207 Sugar Factories & Refineries
1. Sugar

LIST OF SELECTED ITEMS (MINING SECTOR)

S.No.	Group No.	Items
1.	2.	3.
1.	(12)	<u>METAL ORE MINING.</u>
		Lead and Zinc.
	(i)	Zinc Conc.
	(ii)	Lead Conc.
2.	123	Wolfram
3.	125	Copper ore
4.	124	Silver ore
	19	<u>OTHER ORE MINING</u>
5.	190	Stone Quarrying
		Clay & Sand Pits
	(i)	Line Stone
	(ii)	China Clay (Ail)
	(iii)	Dolomite
	(iv)	Fire Clay
	(v)	Sillica sand
	(vi)	Felspar
	(vii)	Quartz.
	(viii)	Slate stone

1. 2. 3.

6. 191 Chemical Fert
minarel mining.

(i) Rock -Phosphate

(ii) Floursper

7. 194 Mica(All.)

8. 195 Gypsum

9. 199 Other mining not
elsewhere classified

(i) Steatite

(ii) Asbestos

(iii) Barytes

(iv) Calcite

(v) Garnet(4bl.)

(vi) Ochra