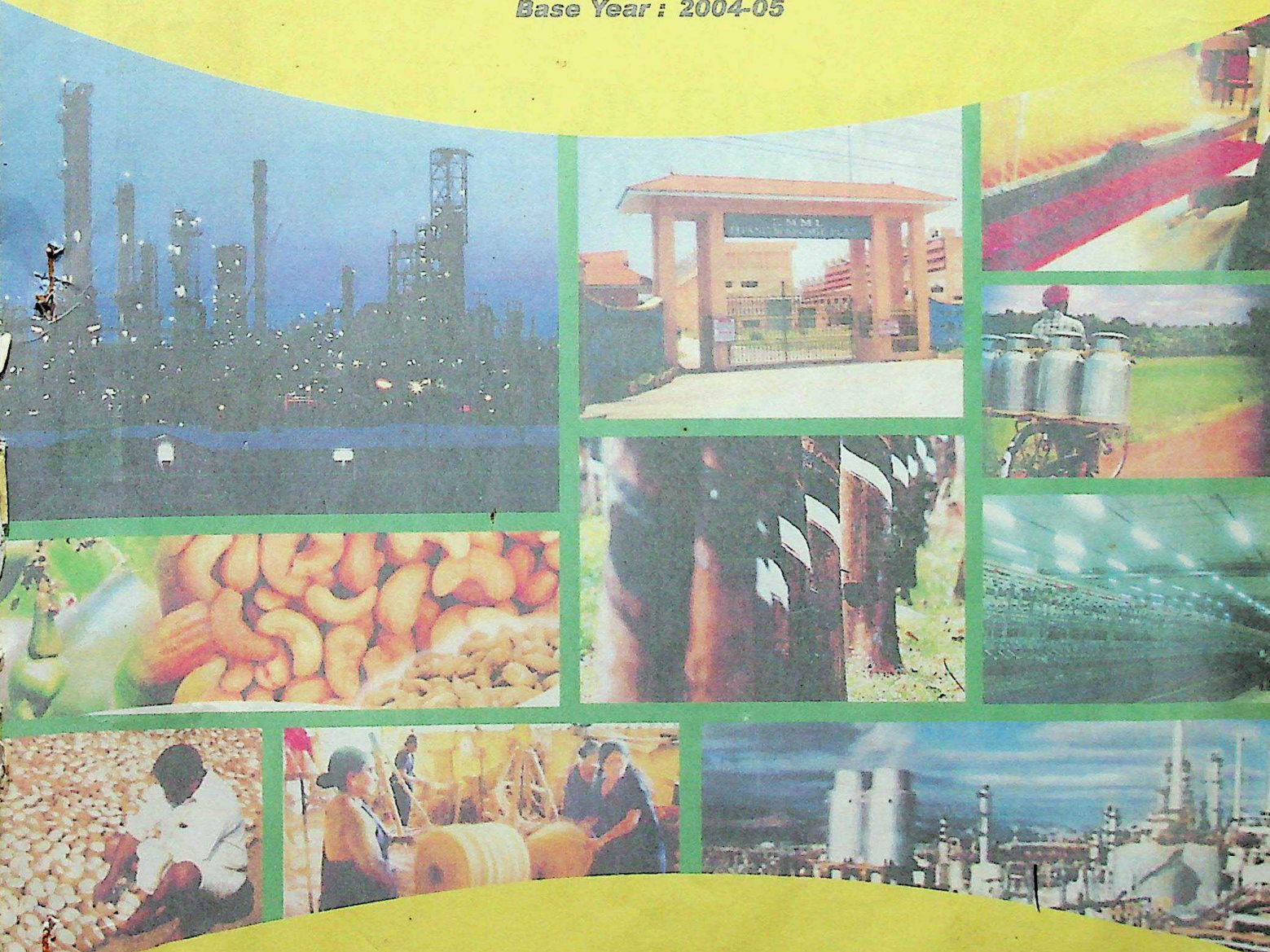


GOVERNMENT OF KERALA

# REPORT ON INDEX OF INDUSTRIAL PRODUCTION - KERALA

2005-06, 2006-07, 2007-08, 2008-09

*Base Year : 2004-05*



Department of Economics & Statistics  
Thiruvananthapuram  
2015





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**Report on**

**Index of Industrial Production -  
Kerala**

**2005-06, 2006-07, 2007-08 & 2008-09**

**Base Year: 2004-05**

**Department of Economics and Statistics  
Government of Kerala**

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## Preface

The Index of Industrial Production (IIP) has been the most well-known and well used indicator to compare the industrial performance of economy in two different time periods. IIP measures volume changes in production of an economy and therefore provides a measurement that is free of influences of price changes. To measure the growth in the general level of industrial activity in the Kerala economy, Department of Economics and Statistics (DES) regularly collects production data from selected industrial units in Kerala and compiles IIP. This report deals with the annual and monthly indices of Kerala for the years 2005 – 06, 2006-07, 2007-08 and 2008-09 with base year 2004-05.

The IIP of State measures the industrial performance in the State with reference to a comparable base year. The base year of the current series of Kerala IIP is 2004-05. It covers Mining and Quarrying, Manufacturing and Electricity sectors in Kerala. The latest series with 2004-05 as base year contains a total of 336 items of manufacturing sector together with 7 items from mining & Quarrying and one for electricity. This report contains two chapters and one Appendix. The fundamental concepts needed to compile IIP and features of Kerala state level IIP are discussed in Chapter 1. Annual and monthly indices at different levels of aggregation are given in chapter 2. Detailed tables are available in the Appendix.

The technical assistance provided by Central Statistical Office, Ministry of Statistics and Programme Implementation, Government of India, and the co-operation extended by the industrial units is acknowledged. The work done by field staff in the district offices, the report writers and all other staff in the directorate who have contributed in diverse way to the preparation of this report are duly acknowledged.

Date:19-11-2014

Thiruvananthapuram



Director General

1872

The first of the year was a very cold one, and the snow lay on the ground for several weeks. The weather was very disagreeable, and the people were much distressed. The crops were all killed, and the stock was very much reduced. The people were obliged to live on their stores, and many of them died of starvation. The winter was a very severe one, and the people were much distressed.

The spring was a very cold one, and the snow lay on the ground for several weeks. The weather was very disagreeable, and the people were much distressed. The crops were all killed, and the stock was very much reduced. The people were obliged to live on their stores, and many of them died of starvation. The winter was a very severe one, and the people were much distressed.

The summer was a very hot one, and the weather was very disagreeable. The crops were all killed, and the stock was very much reduced. The people were obliged to live on their stores, and many of them died of starvation. The winter was a very severe one, and the people were much distressed.

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## Highlights

- The annual IIP for the year 2005-06 with base 2004-05 was 83.3, this increased to 97.6 during 2006-07 and then to 115.1 and 120.1 during 2007-08 and 2008-09 respectively.
- The annual Index of industrial production in Kerala registered a significant decrease from 100 in 2004-05 (base year) to 83.3 in 2005-06 and 97.6 in 2006-07, again it showed an increasing trend after 2006-07.
- The industry sector recorded an annual growth of 4.3 percent in 2008-09 over the previous year as the Index of Industrial Production increased from 115.1 in 2007-08 to 120 in 2008-09.
- In manufacturing sector index registered a growth of 28.64% in 2006-07 over 2005-06, 18.8% in 2007-08 over 2006-07 and 17.77% in 2008-09 over 2007-08.

1918

The first of the year was a very dry one, and the crops were much affected by the drought.

The second of the year was a very wet one, and the crops were much affected by the rain.

The third of the year was a very hot one, and the crops were much affected by the heat.

The fourth of the year was a very cold one, and the crops were much affected by the frost.

## List of Abbreviations Used in this Report

IIP	Index of Industrial Production
CSO	Central Statistical Office
DES	Department of Economics and Statistics
UTs	Union Territories
TAC	Technical Advisory Committee
UNSO	Statistical Office of the United Nations
ISIC	International Standard of Industrial Classification
ASI	Annual Survey of Industries
IBM	Indian Bureau of Mines
NIC	National Industrial Classification
GVA	Gross value added
GVO	Gross Value Output

# The End of the World

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1. The first part of the document

is a general introduction

to the subject matter of the report

and the objectives of the study

are clearly stated

in the following paragraphs

and the methodology used

is described in detail

in the next section of the report

and the results of the study

are presented in the

following tables and figures

and the conclusions are drawn

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and the recommendations are given

in the following paragraphs

and the report is concluded

## **Chapter 1**

# **Introduction**

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# Chapter 1

## Introduction

### 1.1 Introduction

The Department of Economics and Statistics has been compiling the IIP for Kerala, in accordance with the guidelines of CSO. This chapter details the fundamental concepts needed to compile IIP. Historical background of IIP in India and in Kerala is discussed in the section 1.2 and section 1.3 respectively. Having outlined the scope and coverage of IIP in section 1.4, concepts of base year and selection of item basket were discussed in subsequent two sections. In addition, data sources and weighting diagram of IIP were discussed in section 1.7 and section 1.8 respectively. This chapter concludes with a discussion on compilation procedure of IIP.

### 1.2 Historical Background in India

Comparison of economic performance over time is a key factor in economic analysis and a fundamental requirement for policy-making. Short-term indicators play an important role in this context by providing such comparison indicators. Among these short-term indicators, the Index of Industrial Production (IIP) has historically been one of the most well known and well-used indicators.

In India, the Office of the Economic Advisor, Ministry of Commerce and Industry made the first attempt of compilation and release of Index of Industrial Production, with base year 1937. With the establishment of the Central Statistical Office (CSO) in 1951, the responsibility for compilation and publication of the Index of Industrial Production (IIP) was vested with CSO. Since then the all India IIP is being released by the CSO as monthly series.

### 1.3 State Participation in Construction of Index of Industrial Production

The all-India IIP compiled by CSO measures only the macro-level industrial changes. As the structure of industry and its development is unique, the indices compiled at all-India level do not fulfil the requirements of individual states. Hence the need for indices at the state level was keenly felt. In September 1975, a unit of Index of Industrial Production started functioning in DES with the collection of production details for the quarter ending July 1975. Since then the DES has been compiling the Kerala state level IIP, in accordance with the guidelines of CSO.

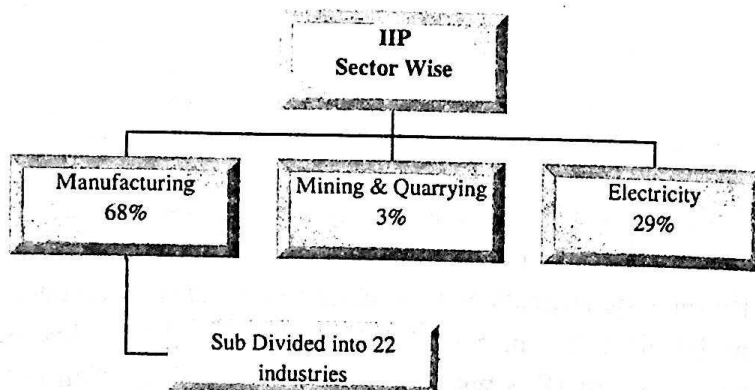
However, the Indices compiled by State/UTs Governments prior to the series with base year 1993-94 lacked comparability due to differences in the choice of base year, item basket, periodicity for releasing indices, methodology, data sources used etc. The need for compilation of comparable State level IIPs has been felt for quite sometime to facilitate comparative studies on performance of various States/UTs in the industrial sector. With above objective in view, a Technical Advisory Committee (TAC) was constituted by the Government which recommended compilation of State level IIPs with common methodology for selection of item basket and preparation of weighting diagram, etc. To begin with, the TAC recommended to adopt 1993-94 as the base year for compilation of comparable State level IIPs. Accordingly, as like other states Kerala has shifted its base year from 1980-81 to 1993-1994 and from, 1993-1994 to 2004-05 by dropping obsolete items and including the new items in the basket.

### 1.4 Scope and Coverage

The IIP compiled in India is an adaptation of the recommendations of the Statistical Office of the United Nations (UNSO). The UNSO recommends that among the major divisions of the International Standard of Industrial Classification (ISIC), 'mining & quarrying', and 'manufacturing', and within the public utilities division, the major groups of 'electricity and gas' be included.

Compilation of IIP in India has been confined to the 'mining & quarrying', 'manufacturing', and 'electricity and gas' sectors. Gas production is included, but distribution of gas & water is not covered in IIP. As there is no production of gas in Kerala, the State level comparable IIP with base 2004-05 cover the three major industrial sectors, viz., 'mining & quarrying', 'manufacturing' (registered) and 'electricity'

Diagram 1.4.1: Break up of components comprising IIP sector wise



### 1.5 Base Year

IIP is a summary measure that measures the changes in the volume of industrial production of a representative basket of industrial products during a particular period with respect to a chosen base period. The IIP for the base period is 100 and that for the study period shows the percentage increase or decrease over the base period. In order to capture the structural changes taking place in the industrial sector in a more meaningful way, the base year of IIP is periodically revised by updating the item basket and revising the weighting diagram. When the index was commenced in India, the base year adopted was 1937 and this was revised successively to 1946, 1951, 1956, 1960, 1970, 1980-81, 1993-94 and 2004-05.

To maintain synchronization and comparability of Kerala state IIP, it has generally been the practice to revise the base year of Kerala state level IIP, whenever CSO revise the base year of all-India level series. Accordingly, the base year of Kerala state level-IIP is now being revised to the year 2004-05.

### 1.6 Selection of Item Basket

It is generally not practicable to include all the economic activities that contribute to industrial production, because data for some activities may not be readily and economically available and some economic activities may not warrant inclusion due to their insignificant contribution. Hence, the items basket means representative basket of items selected by applying judgment and on the basis of their relative importance for compilation of the index. Generally, individual items are included in the index basket according to some minimum contribution of individual item to national product.

✱ In case of 'manufacturing' sector, the base used for selection of items in the item basket for IIP is the item-wise production data of ASI 2004-05 provided by CSO. The item basket for manufacturing sector with base year 2004-05 was identified in such a manner that all the items having at least 0.20% contribution in the total output of respective 2-digit categories is selected. A total of 22 NIC 2 digit level item groups were selected for manufacturing sector. Since the number of items in 'mining & quarrying' sector in Kerala is very few, all the mining items in the item basket were covered. The Electricity sector consists of single item, i.e. total electricity generated in Kerala.

### 1.7 Source of Data

The monthly production data of 'mining & quarrying' and 'electricity' for compiling State level IIP are collected from Indian Bureau of Mines (IBM), Nagpur and Central Electricity Authority respectively. In case of 'manufacturing' sector, after finalisation of item basket (containing selected item groups and items with in the group), item wise list of factories along with their production in the base year has been prepared from out of the list of factories surveyed as part of ASI 2004-05. A total of 644 registered

manufacturing units were selected for data collection and the department collects monthly production data directly from these units through District Statistical Offices.

### 1.7.1 Data Gaps

In the current series of IIP with base 2004-05, it is observed that many industrial units producing selected items in manufacturing sector have been closed and thus badly affecting the IIP. Number of manufacturing units selected and number of manufacturing units from which production data received during 2005-06, 2006-07, 2007-08 and 2008-09 in each 2 digit NIC group is given in Table 1.7.1.1.

Table 1.7.1.1 Details of Data Collected from Manufacturing Sector

NIC - 2 dgt	No. of Factories selected	No. of Manufacturing units from which production data received			
		2005-06	2006-07	2007-08	2008-09
15	121	48	56	64	72
16	4	2	1	2	2
17	51	13	15	19	21
18	4	Nil	Nil	Nil	Nil
19	12	6	6	7	7
20	52	18	19	21	22
21	18	6	7	8	8
22	16	4	5	5	4
23	18	14	14	15	13
24	43	30	28	30	29
25	38	19	20	21	21
26	90	17	18	29	22
27	19	10	9	13	13
28	28	14	14	15	15
29	34	10	12	12	12
30	8	Nil	Nil	4	4
31	33	5	7	11	10
32	19	6	6	7	9
33	10	1	1	2	2
34	6	3	4	4	4
35	5	2	2	2	2
36	15	4	6	6	6
Total	644	232	250	297	298

No data were obtained from the 2 digit NIC group 18 during 2005-06, 2006-07, 2007-08 and 2008-09. In case of NIC 2 digit group 30, none of selected manufacturing units reported production data during 2005-06 and 2006-07. Thus some industries were unrepresentative due to non-reporting of selected units. The index in this report is, therefore compiled on a low response rate in respect of production data from manufacturing units.

## 1.8 Weighting Diagram

The relative importance of various economic activities is different and these differentials need to be reflected while measuring the performance of the entire industrial sector. With a view to achieving this, each item included in the item basket is given appropriate weight. Weight is generally determined on the basis of the gross value added (GVA) from that industrial activity.

Total weight, which is taken as 1000, was apportioned first to three industrial sectors, ie, Manufacturing, Mining & Quarrying and Electricity. The sectoral weight of manufacturing sector was then allocated to its 2, 3 & 4 digit industry groups in proportion to their GVA figures. Finally the weight allocation at item level has been done in proportion to item-wise GVO. In case of mining & quarrying sector the total weight of the sector was apportioned to the items included in the item basket in proportion to their value of out put furnished by IBM.

## 1.9 Compilation Procedure

IIP is generally computed as the weighted average of production relatives of all the industrial activities. Here, Laspeyre's fixed-base formula is used for the calculation of the index, which can be expressed mathematically as follows:

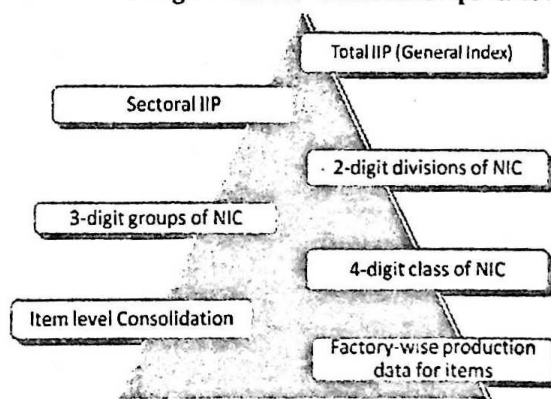
$$I = \frac{\sum W_i R_i}{\sum W_i} \quad i = 1, 2, \dots, N$$

Where  $I$  is the index,  $R_i$  is the production relative of the  $i^{\text{th}}$  item and  $W_i$  is the weight allotted to it.

### 1.9.1 Building IIP from the Lowest Stage

The compilation of IIP commences with the collection of basic production data relating to the items. The basic production data are then combined using weights to produce data for the 4-digit class (NIC). The subsequent upper levels, above the 4-digit class, of IIP are constructed by combining the lower levels using weights. Following diagram demonstrate the working steps of IIP compilation.

Diagram 1.9.1: Different steps in compilation of IIP



1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for the company's financial health and for providing reliable information to stakeholders.

2. The second part of the document outlines the specific procedures for recording transactions. It details the steps from identifying a transaction to entering it into the accounting system, ensuring that all necessary details are captured and verified.

3. The third part of the document discusses the role of the accounting department in monitoring and controlling the company's financial performance. It highlights the importance of regular reviews and the use of financial ratios to assess the company's position.

4. The fourth part of the document addresses the challenges faced by the accounting department and offers strategies to overcome them. It discusses the need for continuous learning and the implementation of new technologies to improve efficiency.

5. The fifth part of the document concludes by summarizing the key points and reiterating the importance of a strong accounting system for the company's long-term success. It encourages the accounting department to stay proactive and adaptable to changing circumstances.

6. The sixth part of the document provides a detailed overview of the company's financial statements, including the balance sheet, income statement, and cash flow statement. It explains how these statements are prepared and what they represent.

7. The seventh part of the document discusses the company's financial ratios and how they are used to evaluate its performance. It provides a breakdown of the ratios and explains their significance in the context of the company's industry.

8. The eighth part of the document offers a final summary and a call to action for the accounting department. It emphasizes the need for accuracy, transparency, and a commitment to excellence in all financial reporting.

## **Chapter 2**

# **Index of Industrial Production – Kerala**

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## Chapter 2

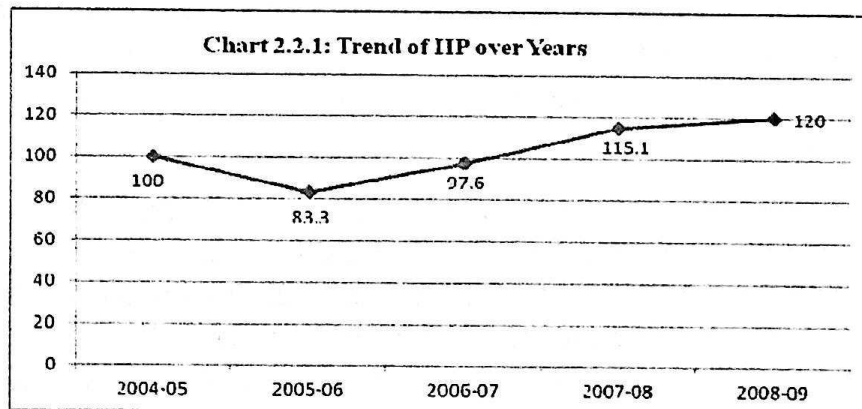
# Index of Industrial Production – Kerala

### 2.1 Introduction

Index of Industrial Production is a statistical instrument which measures changes over time in the volume of production in various sectors of industry. This chapter compress four sections, dealing with comparable state level indices compiled at different aggregate levels for the years form 2005-06 to 2008-09. The section 2.2 aims at providing general Index of industrial production and its trends over the study periods in Kerala. Sector level indices useful in measuring performance of various sectors of industry are provided in section 2.3. In Kerala, the IIP being compiled with 22 two digit industry groups of manufacturing sector. Indices of these two digit industry groups were compiled and are presented in section 2.4.

### 2.2 Annual IIP.

This section presents the State annual indices of Industrial Production for the years 2005-06 to 2008-09 with base year 2004-05. The General Index of Industrial Production for the series with base year 2004-05 is as in Chart 2.2.1.

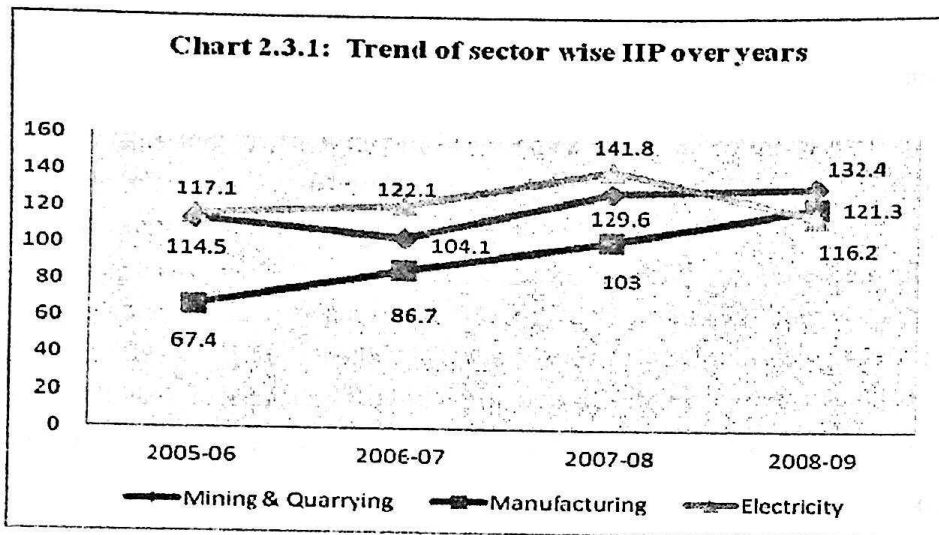


The general Index of industrial production in Kerala registered a significant decrease from 100 in 2004-05 (base year) to 83.3 in 2005-06 and 97.6 in 2006-07, again it showed an increasing trend after 2006-07. The industry sector recorded an annual growth of 4.3 percent in 2008-09 over the previous year as the Index of Industrial Production increased from 115.1 in 2007-08 to 120 in 2008-09. The monthly index for these years is presented in Table 1 of Appendix A.

### 2.3 Annual IIP at Sector Level

Three major industrial sectors covered in the current series of IIP are Mining & Quarrying, Manufacturing and Electricity. The weightage of Manufacturing, Mining & Quarrying and Electricity production in overall Index of Industrial Production (IIP) is 67.76 %, 30.32 % and 29.01 % respectively. The source of data in each sector and the data gap in compiling IIP were explained in Chapter 1. This section provide the sectoral level indices

compiled for the years from 2005-06 to 2008-09, based on the data collected for these periods. The Chart 2.3.1 presents trend of sector wise IIP over these periods.



From the year 2005-06 onwards, index of manufacturing sector showed a steady increase. During 2005-06 index of manufacturing sector was 67.4. This increased to 86.7, 103 and 121.3 during 2006-07, 2007-08 and 2008-09 respectively. Thus in manufacturing sector index registered a growth of 28.64% in 2006-07 over 2005-06, 18.8% in 2007-08 over 2006-07 and 17.77% in 2008-09 over 2007-08. To study the changes in production between month-to-month of manufacturing sector, the month wise indices was compiled and is presented in Table 2 of Appendix.

Compared to manufacturing sector, the electricity sector in State showed a different trend. The Index of Electricity Sector registered a significant increase from 117.1 in 2005-06 to 122.1 in 2006-07 and 141.8 in 2007-08. After 2007-08, it showed a reverse trend, i.e., from 141.8 in 2007-08 index decreased to 116.2 in 2008-09. From Chart 2.3.1, we can see that the production of mining and quarrying sector first decreased from 114.5 in 2005-06 to 104.1 in 2006-07 and then registered a steady increase during 2006-07 to 2008-09. To have a detailed study on the changes in production over different months, monthly indices were presented in Table 2 of Appendix.

#### 2.4 Annual IIP at Group Level of Manufacturing Sector

In Kerala, the IIP being compiled with 22 two digit industry groups of manufacturing sector. A total of 644 registered manufacturing units were selected for data collection from these groups and the department collects monthly production data directly from these units through District Statistical Offices. Even though the Department tried our level best to collect production data, some industries were unrepresentative due to non-reporting of selected units. The index in this report is, therefore compiled on a low response rate in respect of production data from manufacturing units. Details of number of units selected and number of units reporting data in each group is given in section 1.7.1 of Chapter 1.

Table 2.4.1: NIC 2 digit level indices for manufacturing sector

NIC 2 dgt (As per NIC 2004)		2005-06	2006-07	2007-08	2008-09
Code	Description				
15	Food Products & Beverages	35.1	38.6	50.2	71.3
16	Tobacco Products	17	14.5	138	115.9
17	Textiles	68.6	73.8	61.4	59.4
18	Wearing Apparel, Dressing	*	*	*	*
19	Tanning & Dressing of Leather and Products	30.3	37.6	34.9	43.8
20	Wood & Products	132.4	137.4	130.8	35.9
21	Paper & Paper Products	97.4	88.1	90.1	73.4
22	Publishing, Printing and Reproduction of Media	24.2	170.1	215.1	13
23	Coke, Refined Petroleum	69.7	88.4	90.9	65.3
24	Chemicals and Chemical Fertilizers	75.9	84.3	96.5	305.1
25	Rubber and Plastic Products	50.9	75.8	82.7	307.1
26	Other non-metallic minerals	47.4	73.4	86.6	64.8
27	Basic Metals	55.5	73.8	141.7	169.2
28	Fabricated metal products	72.6	75.2	104	126.6
29	Machinery and equipment	81.6	69.1	73.6	89.7
30	Office, accounting and computing machinery	*	*	76.4	65.3
31	Electrical machinery and parts	80.5	147.1	293.5	124.9
32	Radio, television	193.6	239.8	332.4	70.9
33	Medical, Precision and optical	220.2	84.6	88.5	110.5
34	Motor vehicles, trailers	201.7	167.9	463.9	57.7
35	Other transport equipment	87.5	73.3	77.9	90.4
36	Furniture, Manufacturing n.e.c	20.9	36.4	141.6	83.2
Manufacturing		67.3	86.7	103	121.2

\* Could not compile index due to non-response from selected units

Out of the 22 industry groups in the manufacturing sector, four industry groups namely; 20 – wood and products, 32 – radio, television, 33 – medical, precision and optical, 34 – motor vehicles, trailers, had index greater than 100 during 2005-06, as be seen in the Table-2.4.1. A positive growth was recorded in the number of manufacturing groups with annual index greater than 100. During 2006-07 this was five out of twenty two groups. This increased to 8 and 7 during 2007-08 and 2008-09 respectively. To have a month to month comparison in the indices of manufacturing sector at group level, monthly indices of twenty two different groups of manufacturing sector were compiled and presented in Table 3 of Appendix.

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## **Appendix**

# **Detailed Tables**

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**Table 1: General Index of Industrial Production - Month wise**

Month	2005-06	2006-07	2007-08	2008-09
April	74.5	94.5	112.4	112.8
May	77.3	97.1	116.7	126.9
June	77.9	97.2	116.6	127.2
July	84.0	91.8	113.2	116.9
August	85.1	94.5	115.0	117.4
September	83.1	92.0	115.8	111.3
October	88.8	94.7	120.5	122.0
November	86.3	95.3	111.7	129.3
December	84.9	102.1	115.3	119.1
January	84.9	102.1	114.6	120.2
February	84.8	101.7	111.1	117.9
March	88.4	107.8	118.9	120.2
<b>General</b>	<b>83.3</b>	<b>97.6</b>	<b>115.1</b>	<b>120.1</b>

Table 2: Index of Industrial Production Month Wise- Sectoral

Year	Sector	Weight	April	May	June	July	August	September	October	November	December	January	February	March
2005-06	Manufacturing	677.6	54.3	58.5	59.4	68.4	70.0	67.1	75.4	71.7	69.7	69.7	69.5	74.9
	Mining & Quarrying	30.3	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5
	Electricity	292.0	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1	117.1
2005-06	Manufacturing	677.6	82.2	86.0	86.1	78.2	82.1	78.5	82.4	83.4	93.4	93.4	92.8	101.8
	Mining & Quarrying	30.3	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1	104.1
	Electricity	292.0	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1	122.1
2007-08	Manufacturing	677.6	98.9	105.3	105.2	100.2	102.9	104.0	110.8	97.9	103.3	102.3	97.0	108.6
	Mining & Quarrying	30.3	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
	Electricity	292.0	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.8	141.8
2008-09	Manufacturing	677.6	110.5	131.3	131.8	116.6	117.3	108.3	124.0	134.9	119.8	121.4	118.0	121.3
	Mining & Quarrying	30.3	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4	132.4
	Electricity	292.0	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2	116.2



**Table 3 : Index of Industrial Production Month Wise - 2 digit level****Year: 2008-09**

nic 2 dgt	Weight	April	May	June	July	August	September	October	November	December	January	February	March
15	110.48	70.7	71.7	67.1	69.5	76.2	68.9	70.5	67.5	66.0	70.9	85.5	71.5
16	8.94	103.9	123.5	67.3	132.9	132.9	132.6	131.1	131.8	131.1	127.0	51.7	125.3
17	39.66	54.7	59.6	62.5	58.2	57.0	58.5	59.9	59.6	63.6	61.8	57.3	60.8
19	0.88	45.5	51.9	43.8	37.3	36.4	40.6	43.8	41.4	51.3	44.4	42.5	48.0
20	4.77	35.3	32.7	32.0	35.1	39.7	37.0	37.4	38.3	36.4	34.3	34.6	38.5
21	3.56	80.4	76.1	100.8	83.5	60.8	60.3	65.4	59.6	50.7	84.9	76.3	82.3
22	40.95	16.4	15.3	12.3	16.9	19.5	17.0	18.3	14.1	6.9	5.8	4.8	8.9
23	198.63	70.7	71.7	69.5	42.1	40.7	62.2	61.3	68.6	63.6	70.8	91.7	71.9
24	91.42	286.3	380.0	416.8	293.4	314.1	194.0	319.0	354.5	313.5	287.5	231.3	271.9
25	59.33	225.4	290.7	275.1	334.8	339.8	331.6	345.5	350.7	310.4	296.1	299.4	286.3
26	31.24	63.1	66.1	63.3	64.8	61.6	64.0	64.8	68.6	61.4	66.2	64.1	70.0
27	10.84	97.7	113.4	80.1	239.2	73.5	271.3	78.9	281.3	85.9	287.9	74.7	347.3
28	5.25	44.7	99.5	122.3	153.1	165.4	129.6	180.5	229.7	112.1	95.7	84.1	103.4
29	10.20	108.4	105.4	100.2	98.6	89.4	90.7	65.6	64.5	96.2	100.7	83.0	74.8
30	1.30	51.5	44.4	74.4	41.4	45.2	48.3	27.3	57.9	69.0	43.5	92.3	189.3
31	9.32	103.8	112.2	103.8	137.0	134.2	128.7	127.4	124.2	138.3	128.9	128.8	132.1
32	30.67	60.4	69.7	67.5	73.3	71.8	69.8	74.4	74.1	64.0	64.2	78.9	83.8
33	5.43	156.5	155.2	157.8	85.7	54.4	60.4	74.0	79.3	76.6	130.8	138.7	157.2
34	0.11	54.4	65.0	58.3	60.4	48.2	56.8	53.1	52.7	62.2	65.2	56.7	59.7
35	11.60	73.0	85.5	66.9	75.7	76.5	77.8	83.0	103.6	112.9	105.9	105.6	119.0
36	3.06	79.4	93.5	75.6	77.0	73.3	66.3	94.8	111.5	99.0	84.5	66.0	78.5

**Table 3 : Index of Industrial Production Month Wise - 2 digit level****Year: 2007-08**

nic 2 dgt	Weight	April	May	June	July	August	September	October	November	December	January	February	March
15	110.48	45.1	52.5	46.0	41.3	49.8	51.0	64.8	51.3	52.9	48.3	46.8	52.9
16	8.94	13.3	13.8	14.3	14.0	13.6	14.2	13.6	14.6	13.6	14.3	13.4	13.2
17	39.66	56.3	62.3	63.1	59.0	57.7	62.0	70.1	71.7	67.0	59.9	51.1	57.5
19	0.88	31.0	30.1	28.7	32.4	27.3	45.5	33.5	30.2	39.8	50.0	35.4	35.2
20	4.77	140.8	128.3	116.8	115.7	124.8	142.3	126.6	121.7	105.5	175.8	154.7	117.2
21	3.56	87.8	83.6	88.0	89.3	88.0	87.9	86.8	92.8	92.3	94.4	89.1	102.4
22	40.95	219.6	210.7	214.2	216.2	213.4	215.5	214.1	210.5	220.2	211.9	213.2	222.3
23	198.63	88.7	85.5	90.3	73.5	74.8	78.1	93.6	93.1	103.2	104.1	104.1	102.4
24	91.42	75.1	84.8	100.1	104.0	99.6	104.1	97.9	99.8	98.3	99.3	94.7	100.3
25	59.33	64.8	82.8	72.5	82.5	80.1	80.6	82.6	84.2	92.1	95.5	86.4	88.6
26	31.24	83.3	100.7	56.1	90.7	96.1	77.9	79.6	86.5	94.2	92.7	88.2	93.4
27	10.84	115.4	137.7	142.4	135.4	149.8	128.1	145.3	141.6	159.2	154.0	137.0	154.9
28	5.25	98.4	107.2	103.4	98.2	115.8	103.4	89.2	107.0	116.0	102.0	100.6	107.6
29	10.20	85.7	87.8	84.4	27.2	79.7	77.4	81.0	81.3	34.4	82.0	81.1	81.7
30	1.30	946.2	946.2	946.2	946.2	946.2	946.2	946.2	607.5	299.7	287.3	475.6	874.1
31	9.32	270.2	301.5	307.4	287.6	311.7	417.8	329.8	280.7	318.4	328.6	137.8	231.3
32	30.67	380.5	409.7	410.6	397.0	403.4	393.6	414.7	206.6	231.2	201.1	197.9	342.9
33	5.43	91.0	157.4	94.8	112.0	111.5	67.6	72.3	60.6	70.2	107.2	82.6	35.9
34	0.11	478.1	408.9	483.9	473.8	472.4	407.7	468.5	471.8	476.4	474.1	475.6	475.6
35	11.60	100.2	78.4	113.9	95.6	85.4	59.6	75.5	37.9	73.8	52.5	72.1	91.0
36	3.06	93.9	140.6	146.0	125.0	136.5	128.8	143.3	151.3	138.6	160.8	148.3	186.5

**Table 3 : Index of Industrial Production Month Wise - 2 digit level****Year: 2006-07**

2 digit	Weight	April	May	June	July	August	September	October	November	December	January	February	March
15	110.48	34.3	37.7	35.9	36.6	43.0	44.8	36.4	41.2	38.0	38.0	36.8	40.5
16	8.94	13.8	14.9	13.4	14.3	14.4	14.8	13.3	14.7	14.5	15.8	14.8	15.5
17	39.66	76.2	73.5	59.3	67.7	59.5	57.6	89.0	79.7	71.2	86.3	79.2	86.9
19	0.88	69.0	56.9	32.1	26.7	34.9	19.3	38.0	55.2	50.0	28.4	21.4	19.6
20	4.77	145.3	144.3	141.6	129.8	120.1	101.8	135.9	145.0	114.1	126.1	167.4	177.9
21	3.56	87.5	89.4	91.1	90.2	90.6	89.0	84.7	87.9	86.0	89.4	79.1	92.2
22	40.95	169.6	169.8	173.5	172.7	170.0	173.9	171.9	167.4	166.3	165.1	166.6	175.1
23	198.63	91.8	91.8	89.7	66.8	66.2	66.4	75.7	76.4	77.4	120.1	119.5	120.1
24	91.42	66.2	77.8	84.2	81.9	86.6	81.1	89.1	82.8	98.2	78.4	79.8	106.3
25	59.33	58.3	74.5	68.7	76.6	78.4	71.4	73.2	81.7	81.2	81.3	80.4	83.8
26	31.24	55.5	60.5	54.1	59.7	68.5	58.7	68.6	88.3	91.4	98.6	88.2	89.5
27	10.84	72.7	77.5	57.7	73.0	79.0	71.4	76.7	73.6	77.7	75.7	72.9	78.3
28	5.25	77.4	76.0	87.4	75.0	73.6	59.3	66.1	89.7	66.5	69.9	76.8	85.7
29	10.20	63.4	72.1	71.2	67.5	71.0	65.2	68.0	72.9	68.5	65.1	66.1	78.9
31	9.32	73.6	48.2	80.8	82.6	76.7	94.8	71.4	81.1	766.4	61.0	91.5	237.4
32	30.67	229.6	250.2	297.7	247.3	293.8	267.6	249.0	236.3	229.6	191.4	186.8	199.2
33	5.43	266.7	194.8	92.6	82.3	118.8	19.1	19.1	19.1	7.7	41.3	72.9	80.7
34	0.11	154.3	156.7	153.9	160.3	223.3	156.6	181.3	164.2	174.3	167.6	154.9	168.0
35	11.60	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	72.3	74.6
36	3.06	36.5	15.3	40.5	39.1	45.9	41.0	35.4	32.2	30.3	35.7	35.6	50.3

**Table 3 : Index of Industrial Production Month Wise - 2 digit level****Year: 2005-06**

2 digit	Weight	April	May	June	July	August	September	October	November	December	January	February	March
15	110.48	34.4	40.3	38.3	35.6	33.8	32.8	35.4	31.4	34.1	33.1	35.3	37.8
16	8.94	18.1	17.2	16.5	17.9	17.4	15.4	17.3	17.1	18.0	15.2	16.3	17.8
17	39.66	65.5	66.9	66.2	68.3	69.8	68.8	69.9	66.3	71.1	70.2	67.2	73.4
19	0.88	34.5	38.1	30.4	38.8	34.1	25.9	23.0	22.5	19.1	46.0	23.5	28.0
20	4.77	108.5	113.4	128.4	136.0	149.6	130.4	144.3	142.2	147.6	117.8	128.0	143.6
21	3.56	99.0	108.1	114.7	69.4	99.2	103.0	115.5	87.1	89.3	89.6	75.9	119.1
22	40.95	27.0	15.8	22.9	22.2	28.5	19.2	30.0	25.4	23.4	23.6	25.9	27.0
23	198.63	40.1	42.7	44.8	73.7	74.8	74.5	83.1	81.8	77.9	78.9	82.0	82.4
24	91.42	66.5	72.8	72.0	83.1	84.4	72.0	81.9	74.1	67.0	71.7	77.7	88.4
25	59.33	43.3	45.6	50.7	49.9	53.1	48.7	53.5	55.6	55.2	54.6	50.7	50.1
26	31.24	38.0	43.2	41.4	41.0	39.2	39.3	47.1	46.5	61.5	55.1	57.8	58.9
27	10.84	58.9	59.1	50.5	57.1	52.6	43.9	64.8	57.1	43.4	53.1	59.8	66.3
28	5.25	58.5	78.6	77.9	73.1	80.9	70.4	67.4	71.7	73.4	64.5	77.2	78.2
29	10.20	72.4	77.6	84.3	79.9	85.7	77.6	82.2	84.7	77.4	86.2	81.0	90.2
31	9.32	56.0	68.1	71.3	87.2	106.1	71.4	87.9	91.8	89.1	56.3	82.4	98.5
32	30.67	158.5	177.4	172.7	182.5	200.5	203.1	211.7	208.4	210.5	198.7	186.5	213.2
33	5.43	274.7	294.8	295.8	254.6	128.0	208.5	379.9	300.3	167.0	241.1	31.3	67.5
34	0.11	231.5	169.1	224.1	226.2	232.9	175.7	163.5	224.7	165.4	226.6	162.3	218.9
35	11.60	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
36	3.06	18.9	24.0	23.6	12.9	16.9	17.3	17.6	19.9	24.6	23.5	20.3	31.7

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