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L. G. Burange
Rucha R. Ranadive

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INTER-STATE ANALYSIS OF THE ORGANISED MANUFACTURING SECTOR IN INDIA

L.G. Burange[1]
Rucha R. Ranadive[2]

Abstract

The manufacturing sector of a country is generally considered an engine of growth. In India, the performance of the manufacturing sector has become a central issue during the post-reform period that needs to be empirically assessed. The share of employment, output, gross value added and capital of the industrially developed states such as Maharashtra, Gujarat and Tamil Nadu was high. Nevertheless, their growth rates were quite low compared to that of the other small states such as Uttarakhand, Jammu and Kashmir and Himachal Pradesh. The higher growth rates of these states could be due to the narrow industrial base which has enabled the State Governments to focus on a few industries. Due to their targeted policies, these states have encouraged many industries to set up their plants. Industrially developed states showcased less concentration of industries in their manufacturing sector, whereas industrially less developed states such as Odisha, Jharkhand, Chhattisgarh and Goa registered high concentration over the period. Moreover, it is observed that industrially developed states have more localised industries whereas Andhra Pradesh, Chhattisgarh, Kerala and Odisha have a few localised industries. The assessment of the factor intensity of the states/union territories (UTs) reveals that the industrially developed states largely used capital-intensive techniques. Over the period of the study, the states have exhibited shifts in their factor intensities used in the production process. Uttarakhand, Chhattisgarh and Jammu and Kashmir have registered higher number of workers per factory unit. This study concludes that a high potential still exists in the manufacturing sector of the states/UTs that needs to be exploited through concrete policy actions over the coming years.

Keywords: Manufacturing, Inter-state, Growth Rates, Shares, Concentration, Factor Intensities, Localization

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[1]Professor, Department of Economics (Autonomous), University of Mumbai, Mumbai 400 098.
E-mail: lgburange@hotmail.com

[2]Research Scholar, Department of Economics (Autonomous), University of Mumbai, Mumbai 400 098.
E-mail: rucha.ranadive@gmail.com

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1 INTRODUCTION

The structure of the Indian economy has undergone a remarkable change after the introduction of the New Economic Policy of 1991. It is being transformed from an agriculture-based economy to a manufacturing-based economy. Balanced regional development has always been one of the major objectives of the national policy in India. However, economic liberalisation reduced the role of the central government in curbing regional imbalances through controls and regulations and enhanced inter-state competition. One of the main components of the economic reform packages has been the deregulation and relicensing in the manufacturing sector.

The impact of economic reforms in India on the performance of the manufacturing sector of the states has become an important area of research. These impacts have been under scrutiny both at the economy level as well as at more disaggregated levels, such as at sectoral and regional levels. The question of whether and whom the economic reforms have benefitted, is being repeatedly raised in various academic fora. The contribution of reforms to the sustainable and persistent growth of the manufacturing sector in various states/Union Territories (UTs), however, remains questionable. Thus, it would be appropriate to examine the contribution of reforms towards the better performance of the Indian manufacturing sector.

The objective of this paper is to assess and analyse the growth of the organised manufacturing sector in India at the state/UTs level at an aggregated as well as disaggregated industrial level. An industry-specific analysis would explain the industrial composition and concentration in the manufacturing sector in various states. Moreover, it would demystify the performance of the manufacturing sector of these states/Uts, enabling us to make the inter-state comparison of the sector in India.

The literature on an inter-state analysis of the Indian manufacturing sector mostly comprises studies on total factor productivity (TFP) of an industry and of the states for different periods. However, this study assesses the performance of industries within the manufacturing sector of the states in the country. Nevertheless, few studies have focused on different aspects of the manufacturing sector. Burange (2002) analysed the performance of 16 states with respect to employment and output in the organised manufacturing sector of India from 1980–81 to 1997–98. He found wide regional variations in the growth rate of employment within the sector. During the 1980s and1990s, industrially underdeveloped states recorded higher growth rates in employment than industrially developed states. However, the acceleration of growth was quite high in industrially developed states than underdeveloped states. These results were confirmed by Kumar and Managi (2009) who encountered widespread regional variations in productivity. Although the annual rate of productivity growth improved from 1993–94 to 2004–05 on an average, some states actually experienced a slowdown during the liberalization era. Maharashtra, Tamil Nadu, Gujarat, Karnataka and Andhra Pradesh were more reform-oriented than other states. In fact, Bihar and Uttar Pradesh lagged in immediate implementation of the economic reforms, thereby leading to regional variations. Venkataramaiah and Burange (2003) addressed the effect of economic liberalization on industry in the context of Andhra Pradesh by analysing growth, composition and performance of the factory sector in pre- and post-liberalization period. The state registered low share in the national manufacturing sector. The growth rates of output, value added and employment of Andhra Pradesh from 1980–81 to 1997–98 at the two-digit industry level revealed that the growth rate of output was high but employment had a low growth rate. The study concluded that liberalization positively affected the growth parameters of the manufacturing sector at the national as well as state levels. Though Andhra Pradesh developed, it was not at its full potential level. Similarly, Trivedi (2004) computed the share and growth rate of states in the Indian manufacturing sector on the basis of employment, value of output and value added, covering 10 major states in India. This study also confirmed inter-state differences in productivity levels and the growth rates of states in the manufacturing sector. Gujarat, Karnataka, Maharashtra and Tamil Nadu enjoyed higher growth rates with respect to output and employment, whereas Bihar, Uttar Pradesh and West Bengal were amongst the worst performing states post reforms.

Papola *et al.* (2011) assessed the contribution of the industry to the inter-state variations in the growth rates over 1980–81 to 2006–07. They reiterated differences in the industrial structure and productivity among states, covering the organised as well as the unorganised sector. Most of the states experienced a shift from agriculture to the other sectors. Especially, Gujarat, Rajasthan and Odisha underwent a major shift in favour of the manufacturing sector during the period of the study. This study also indicated a well-diversified production structure of Gujarat, Maharashtra, Madhya Pradesh, Punjab and Uttar Pradesh, whereas Maharashtra, Haryana, Delhi and Chandigarh had a wide industrial base. Kumar and Kavita (2012) estimated the industrial growth rate of the Indian manufacturing sector in the major industrial states of southern India since 1984–85 to 2004–05 *viz.,* Andhra Pradesh, Karnataka, Kerala and Tamil Nadu. They observed noticeable changes during the reform period in the sector of these states. In addition, the manufacturing sector of India experienced a substantial decline in the share of employment, gross value added and capital stock during the post-reform period compared to the pre-reform period.

There has now been a gap of a few years in the existing literature as the data for recent years have been published by Central Statistical Organisation (CSO). Thus, it would be worthwhile to assess the performance of the states and UTs. The paper is organised as follows. The data sources, coverage and methodology have been dealt with in Section *Two*. Section *Three* delves into the performance of the manufacturing sector of the states/UTs at aggregated and disaggregated levels. Major findings are drawn in Section *Four* and the last Section concludes the paper.

2 DATA COVERAGE AND METHODOLOGY

This study examines the performance of the Indian manufacturing sector from 1998–99 to 2011–12 at the state level. Moreover, it employs five variables *i.e.* the number of factories, number of workers, value of output, gross value added and capital across industries at the two-digit level of industrial classification to analyse the overall performance. Table 1 presents the classification of industries in the manufacturing sector with their industrial codes based on the National Industrial Classification 2004 (NIC-2004). The data for all variables for all states/UTs have been compiled from the Annual Survey of Industries (ASI) for the factory sector at the two-digit industry division for the sector. As the data reported in the ASI covers only the organized manufacturing sector, this study has been confined to the organised manufacturing sector of India. The necessary adjustments have been made in the data for the years from 2008–09 to 2011–12 to make it compatible with the ASI data with NIC-2004 classification from 1998–99 to 2007–08.

The states/UTs were chosen on the basis of their manufacturing industrial base, which encompasses 23 Indian states/UTs *viz.,* Andhra Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Goa, Gujarat, Haryana, Himachal Pradesh, Jharkhand, Jammu and Kashmir, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh, Uttarakhand, West Bengal and the Other States/UTs. The Other States/UTs include Andaman and Nicobar Island, Chandigarh, Dadra and Nagar Haveli, Daman and Diu, Manipur, Meghalaya, Nagaland, Puducherry and Tripura. These states/UTs had a small number of industries located in the region, and therefore were merged under the heading of the Other States/UTs. The data for India was the aggregation of the data of all states/UTs at the two-digit industrial classification level.

In order to deflate the values of output, gross value added and capital, the Wholesale Price Index (WPI) of India with base 1993–94 for the manufacturing sector has been used as the WPI for states is unavailable. The WPI series for all industries have been constructed using the Index Numbers of Wholesale Prices in India (1993–94 = 100) which is published by the Office of the Economic Adviser. As the index is not in concurrence with the two-digit industrial division, this study has used proxies for a few industries and adjusted the data as per the NIC-2004 classification for the construction of WPI series. Column 3 of Table 1 provides the details of items used for the construction of WPI. The weighted average of these items with corresponding weights is used for the construction of WPI for each industry and it is used for deflating the values of respective industries.

The data for number of factories, number of workers and value of output are given in the ASI. Gross value added is the sum of the net value added and depreciation. For the measurement of capital, the method suggested by Goldar (1986) has been applied. Here, we use the gross fixed capital stock as a measure of capital input. We assume that the value of finished equipment of balanced age composition would be exactly half the value of equipment when it was new to construct the time series of gross fixed capital stock. Hence, we have taken twice the book value of

Table 1: Classification of Industries Included in the Manufacturing Sector

Industry Code	NIC-04 Description	WPI Items (Deflators)
15	Food products and beverages	Food Products Wine Industries Malt Liquor Soft drinks and carbonated Water
16	Tobacco products	Bidi, Cigarettes, Tobacco and Zarda
17	Textiles	Textiles
18	Wearing apparel; dressing and dyeing of fur	Textiles
19	Luggage, handbags, saddlery, harness & footwear; tanning and dressing of leather products	Leather and Leather Products
20	Wood and products of wood & cork except furniture; articles of straw & plating materials	Wood & Wood Products
21	Paper and paper products	Paper & Pulp Manufacture of Board
22	Publishing, printing & reproduction of recorded media	Printing & Publishing of Newspapers, Periodicals, *etc.*
23	Coke, refined petroleum products & nuclear fuel	Coal mining, mineral oils
24	Chemicals and chemical products	Chemicals & Chemical Products
25	Rubber and plastics products	Rubber & Plastic Products
26	Other non-metallic mineral products	Non-Metallic Mineral Products
27	Basic metals	Basic metal and alloy, non-ferrous metals
28	Fabricated metal products, except machinery & equipment	Metal Products
29	Machinery and equipment n.e.c.	Non-Electrical Machinery & Parts
30	Office, accounting & computing machinery	Computer and Computer based systems
31	Electrical machinery & apparatus n.e.c.	Electrical Machinery
32	Radio, TV and communication equipment & apparatus	Telephone instruments, Electronic Equipment's, TV sets, Picture Tubes
33	Medical, precision & optical instruments, watches and clocks	Non-Electrical Machinery & Parts
34	Motor vehicles, trailers & semi-trailers	Truck chassis(diesel) Car chassis assembled Bus chassis(diesel) Body manufactured for trucks, vans, *etc.* Body manufactured for Buses Trekker Jeeps Motorcycles Scooters Mopeds Auto-rickshaws
35	Other transport equipment	Locomotives Railway Wagon and parts Broad Gauge Passenger Carriage Broad Gauge Other Coaching Vehicles Broad gauge diesel locomotives Bicycles Springs Crank Shafts Other automobile spare parts 2/3 Wheeler Parts/Components Motor Cycle Parts Automobile Cables
36	Furniture; manufacturing n.e.c.	Manufactured Products n.e.c.

the base years as a rough estimate of the replacement value of fixed capital. According to Goldar (1986), 'even if it is assumed that fixed assets comprising that stock have a balanced age distribution, the fact that life of machines exceeds what would be inferred from the depreciation practices of firms and that price of capital goods were rising over time imply that the ratio of replacement value to book value should significantly exceed two'. Despite this limitation, we followed this method because gross/net ratios suggested by Hashim and Dadi (1973) are unavailable for state level data. Therefore, doubling the book value of capital has been considered as an approximate method for arriving at replacement value of the fixed capital for benchmark year for the state level data (Burange, 2003, P. 3). The data for fixed capital for all states/UTs across industries is available in ASI. We have used the WPI series to estimate the constant prices series of fixed capital. Capital has been deflated using the weighted average of WPI items pertaining to construction materials of buildings, furniture, fixtures, machinery and equipment and transport equipments which are in accordance with the concept of capital as per ASI. Thereafter, we have used the following equation to estimate capital at constant prices with the base year 1993–94.

$$K_t = K_{t-1} + I_t - dK_{t-1} \qquad \text{.............................} (1)$$

where,

K_t = gross fixed capital at constant prices of the year t,

K_{t-1} = gross fixed capital of the previous year at constant prices,

I_t = gross real investment in fixed capital at constant prices of the year t,

d = annual rate of discard of capital

Following the method suggested by Goldar (1986), we have considered a two percent annual rate of discard of capital. The depreciation accounts for the provision made over the lifespan of the capital to facilitate the replacement of capital in future, whereas the discard of capital asset means it is no longer used in the production process. Therefore, it is necessary to consider discard of capital which is over and above the depreciation. Therefore, such rate of discard of capital has been assumed to be two percent per annum. Gross real investment I is computed using the following formula:

$$I_t = (B_t - B_{t-1} + D_t) / P_t \qquad \text{........................ (2)}$$

where,

B_t = Book value of fixed capital in the year t

D_t = Depreciation in the year t

P_t = Price index of construction materials of buildings, furniture, fixtures, machinery and equipment and transport equipment's (1993–94=100).

The performance of all states/UTs has been assessed by computing the annual compound growth rate (ACGR) for all industries comprising the manufacturing sector in all states/UTs, using the semi-log method. The ACGR was computed for the value of output, gross value added and capital, at constant prices. The estimates of each variable for the manufacturing sector, as a whole, are obtained by aggregating each variable at constant prices across industries. Furthermore, the location quotient, Hirschman–Herfindahl Index (HHI) and Lary's index has been employed to examine localisation, industrial structure and industrial concentration in the manufacturing sector of the states/UTs.

3 INTER-STATE ANALYSIS OF THE MANUFACTURING SECTOR

This section analyses the shares of the states, growth rates, concentration of industries, localisation of industries and the factor intensities of the manufacturing sector for all states/UTs at aggregate and industry levels.

3.1 Share:

The share of the number of workers in the Indian manufacturing sector for states has been estimated from 1998–99 to 2011–12. In 1998–99, the share in employment of Tamil Nadu, Maharashtra, Andhra Pradesh, Gujarat and West Bengal was the highest in the manufacturing sector of India, with respect to the total number of workers in manufacturing sector in India. However, the shares of these states have deteriorated over the decade, excluding those of Tamil Nadu and of Himachal Pradesh, Odisha, Punjab and Rajasthan with very small percentages. However, Tamil Nadu continued to remain at the top in the year 2011–12 (Table 2, Figure 1). This increase in the share of Tamil Nadu can be attributed to the manufacture of textiles (17), wearing apparel, dressing and dyeing of fur (18), luggage, handbags, saddlery, harness and footwear, tanning and dressing of leather products (19), publishing, printing and reproduction of recorded media (22), office, accounting and computing machinery (30) and motor vehicles, trailers and semi-trailers (34). Similarly, in Himachal Pradesh, paper and paper products (21), chemicals and chemical products (24), office, accounting and computing machinery (30), electrical machinery and apparatus n.e.c. (31), radio, TV and communication equipment and apparatus (32) and medical, precision and optical instruments, watches and clocks (33), in Odisha, coke, refined petroleum products and nuclear fuel (23), basic metals (27) and furniture, manufacturing n.e.c. (36), in Punjab, textiles (17), wearing apparel; dressing and dyeing of fur (18), paper and paper products (21), other non-metallic mineral products (26), medical, precision and optical instruments, watches and clocks (33) and other transport equipment (35), in Rajasthan, tobacco products (16), wood and products of wood and cork except furniture, articles of straw and plating materials (20), chemicals and chemical products (24), fabricated metal products, except machinery and equipment (28), electrical machinery and apparatus n.e.c. (31) and medical, precision and optical instruments, watches and clocks (33) contributed to increase the share of the manufacturing sector over the period. Gujarat maintained its share due to increase in the share of textiles (17), wood and products of wood and cork except furniture, articles of straw and plating materials (20), paper and paper products (21), coke, refined petroleum products and nuclear fuel (23), machinery and equipment n.e.c. (29) and furniture, manufacturing n.e.c. (36). The fall in the share was significant for Andhra Pradesh due to the sharp decline in the share of tobacco products (16), which was the frontrunner amongst the contributing industries to the sector within the state. Delhi, Goa, Jammu and Kashmir and Bihar continued to experience the lowest share for all the years. However, Odisha, Punjab, Rajasthan, Uttarakhand and Other States/UTs depicted improvement in terms of the share in employment in the Indian manufacturing sector over the period of 14 years. In contrast, West Bengal, Uttar Pradesh, Madhya Pradesh, Kerala and Jharkhand showcased a drastic decline in their shares. Uttarakhand exhibited a sharp increase in its

Table 2: The Share of Workers of States/UTs in the Organised Manufacturing Sector of India

(Percent)

State/UT	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Andhra Pradesh	11.10	12.14	12.31	12.38	13.89	11.74	11.59	11.25	10.34	10.28	10.13	10.04	10.17	10.39
Assam	1.51	1.56	1.54	1.60	1.54	1.60	1.57	1.57	1.49	1.40	1.46	1.40	1.45	1.47
Bihar	0.80	0.88	0.80	0.86	0.72	0.77	0.78	0.80	0.70	0.76	0.70	0.80	0.92	1.05
Chhattisgarh	1.18	1.30	1.10	1.10	1.05	1.20	1.20	1.21	1.35	1.45	1.46	1.26	1.37	1.33
Delhi	1.33	1.35	1.33	1.31	1.38	1.29	1.22	1.21	1.11	1.06	0.97	0.87	0.73	0.68
Goa	0.30	0.34	0.35	0.35	0.41	0.42	0.43	0.42	0.40	0.47	0.47	0.42	0.36	0.43
Gujarat	9.43	9.55	8.93	8.70	8.43	8.70	9.01	9.12	9.37	9.61	9.80	9.64	9.95	10.16
Haryana	4.43	3.49	3.59	3.57	3.69	3.94	4.15	4.38	4.32	4.99	4.40	5.20	4.40	4.30
Himachal Pradesh	0.41	0.51	0.50	0.46	0.42	0.46	0.52	0.61	0.68	0.89	0.97	1.10	1.24	1.13
Jammu and Kashmir	0.29	0.32	0.30	0.33	0.32	0.37	0.38	0.46	0.48	0.51	0.52	0.49	0.45	0.52
Jharkhand	2.48	2.63	2.22	2.05	2.00	1.84	1.82	1.62	1.47	1.46	1.43	1.14	1.27	1.24
Karnataka	6.49	5.87	5.82	6.16	6.04	6.40	6.56	7.01	7.02	6.93	6.81	6.39	6.18	6.77
Kerala	3.71	4.22	4.38	4.42	3.76	4.56	4.24	4.13	3.82	3.78	3.79	3.46	3.32	3.18
Madhya Pradesh	3.15	2.90	2.91	2.46	2.36	2.44	2.39	2.22	2.16	2.25	2.21	2.15	2.31	2.22
Maharashtra	12.67	13.38	13.20	13.52	13.37	12.65	12.28	12.27	12.69	11.51	11.63	11.49	12.06	12.45
Odisha	1.53	1.63	1.65	1.53	1.53	1.65	1.80	1.57	1.62	1.80	2.03	2.09	2.33	2.18
Punjab	4.02	4.29	4.59	4.63	4.57	4.37	4.75	4.95	5.12	5.36	4.97	5.04	4.98	4.69
Rajasthan	2.76	2.84	2.88	3.02	3.13	3.18	3.19	3.23	3.08	3.44	3.18	3.37	3.43	3.46
Tamil Nadu	14.40	14.29	15.21	15.20	15.02	15.71	16.01	15.83	17.35	15.84	16.79	17.07	16.30	15.44
Uttar Pradesh	7.21	6.89	6.57	6.47	6.66	7.20	6.88	7.04	6.76	7.22	6.56	6.48	6.37	6.47
Uttarakhand	0.58	0.44	0.47	0.47	0.46	0.45	0.54	0.76	0.92	1.21	2.02	2.11	2.44	2.69
West Bengal	8.76	7.44	7.49	7.28	6.96	6.74	6.34	5.89	5.16	5.17	5.16	5.11	5.21	5.17
Other States/UTs	1.46	1.74	1.85	2.14	2.29	2.32	2.35	2.45	2.59	2.61	2.54	2.88	2.76	2.58
India	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
All India (No. of Workers in Lakh)	**61.84**	**60.72**	**59.57**	**57.82**	**59.83**	**59.11**	**63.92**	**69.13**	**76.26**	**79.51**	**84.70**	**88.45**	**95.41**	**100.38**

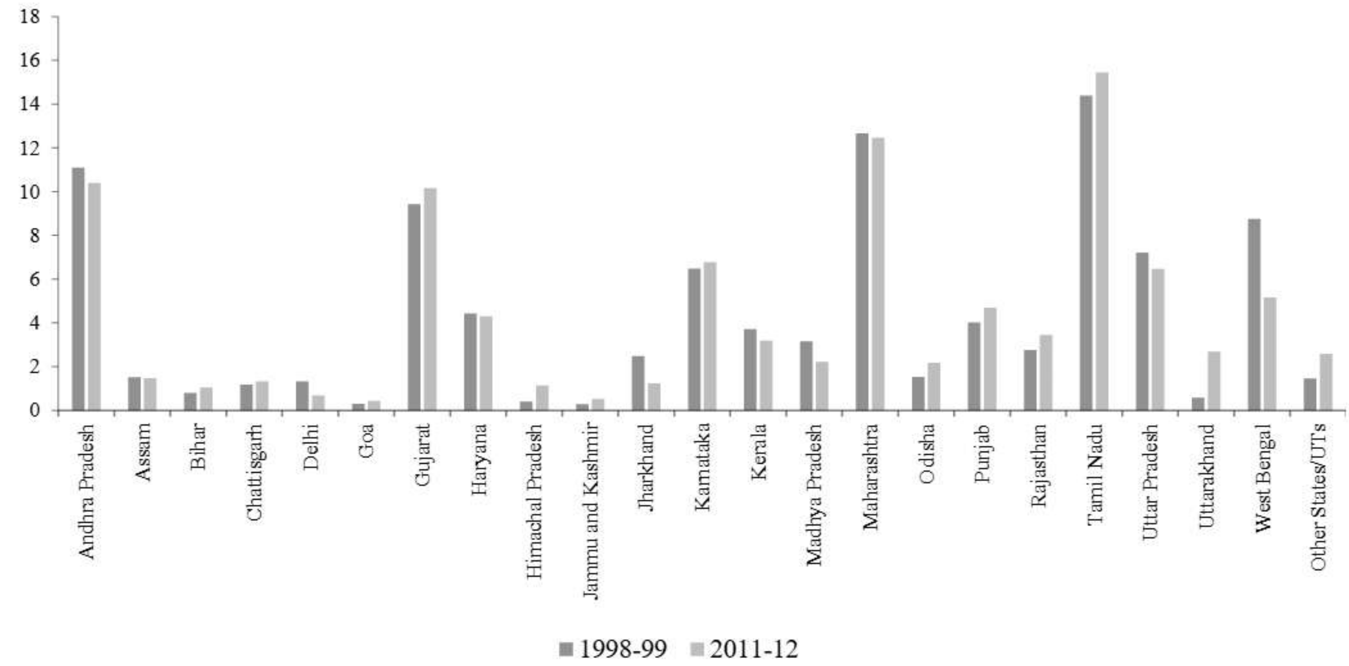

Figure 1: Percentage Share of Number of Workers of States/UTs in the Organised Manufactuirng Sector of India

share *i.e.,* from 0.58 percent to 2.69 percent as the share of many industries increased, thereby increasing the overall share of the state. West Bengal exhibited sharpest decline in the share as many industries experienced declining shares of number of workers within the state such as textiles (17), wood and products of wood and cork except furniture, articles of straw and plating materials (20), rubber and plastic products (25), basic metals (27), electrical machinery and apparatus n.e.c. (31), radio, TV and communication equipment and apparatus (32), motor vehicles, trailers and semi-trailers (34) and other transport equipment (35). If we consider four major states, Andhra Pradesh, Gujarat, Maharashtra and Tamil Nadu, their total share in employment is approximately 47.60 in 1998–99 which marginally increased to 48.44 percent in 2011–12. It is mainly due to increase in the share of Gujarat and Tamil Nadu, whereas the other two states registered marginal decrease in the share of employment in the organised manufacturing sector in India.

With respect to the value of output, the highest share in the Indian manufacturing sector was recorded by Maharashtra followed by Gujarat and Tamil Nadu (Table 3, Figure 2). Collectively, these three states constituted a 44.33 percent share in 1998–99 in India, which decreased to 43.57 percent in 2011–12. Though Maharashtra had the largest share in 1998–99 it declined over the period. In contrast, Gujarat and Tamil Nadu continued to maintain their position. Maharashtra, however, still maintained its topmost position in the share of value of output of the manufacturing sector in India. Publishing, printing and reproduction of recorded media (22), rubber and plastic products (25), basic metals (27), office, accounting and computing machinery (30), medical, precision and optical instruments, watches and clocks (33), motor vehicles, trailers and semi-trailers (34) and other transport equipment (35) contributed for sustaining its largest share. In Gujarat, wood and products of wood and cork except furniture, articles of straw and plating materials(20), paper and paper products (21), coke, refined petroleum products and nuclear fuel (23), fabricated metal products, except machinery and equipment (28) and machinery and equipment n.e.c. (29), whereas in Tamil Nadu, wearing apparel, dressing and dyeing of fur (18), publishing, printing and reproduction of recorded media (22),fabricated metal products, except machinery and equipment (28), machinery and equipment n.e.c. (29), office, accounting and computing machinery (30) and motor vehicles, trailers and semi-trailers (34) led to the gain in the shares.

Table 3: The Share of Output of States/UTs in the Organised Manufacturing Sector of India

(Percent)

State/UT	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Andhra Pradesh	5.95	6.23	6.30	6.41	7.00	6.17	5.73	5.96	6.27	6.37	6.43	5.35	6.79	6.60
Assam	0.85	0.80	0.83	0.72	0.89	0.98	0.98	0.95	0.88	0.79	0.76	0.67	0.69	0.70
Bihar	0.50	0.63	0.63	0.56	0.55	0.52	0.50	0.57	0.51	0.51	0.52	0.49	0.52	0.51
Chhattisgarh	1.54	1.49	1.36	1.36	1.34	1.56	1.49	1.36	1.53	1.72	1.73	1.52	1.79	1.68
Delhi	1.82	1.87	1.65	1.64	1.65	1.37	1.17	1.24	1.06	1.08	0.89	0.89	0.95	0.69
Goa	0.71	0.82	0.93	0.93	0.82	0.98	1.02	0.93	0.88	0.78	1.09	0.86	0.79	0.83
Gujarat	13.86	12.65	13.27	13.95	14.22	14.23	13.56	13.85	13.19	13.96	14.22	14.19	14.49	14.22
Haryana	4.46	5.24	5.11	5.11	5.04	5.40	5.08	5.10	4.83	5.12	4.91	5.77	5.24	5.02
Himachal Pradesh	0.61	0.66	0.79	0.73	0.62	0.75	0.65	1.12	1.10	1.26	1.55	1.53	1.75	1.61
Jammu and Kashmir	0.16	0.17	0.15	0.16	0.14	0.14	0.22	0.36	0.47	0.56	0.48	0.36	0.42	0.40
Jharkhand	2.98	2.51	2.02	1.91	2.16	2.04	1.99	1.84	1.65	1.88	1.40	1.58	2.01	1.78
Karnataka	6.09	4.78	5.09	5.69	5.64	6.29	6.27	6.82	6.55	6.55	6.20	6.14	6.13	6.91
Kerala	2.65	2.49	2.69	2.36	2.12	2.17	1.92	2.04	1.82	1.68	1.80	4.06	1.54	1.55
Madhya Pradesh	3.53	4.27	3.73	3.88	3.28	3.33	2.99	2.69	2.83	2.89	2.81	2.22	2.62	2.82
Maharashtra	20.69	20.59	19.71	18.55	19.12	18.36	22.02	19.47	19.91	18.71	18.37	16.85	17.12	17.77
Odisha	1.38	1.29	1.45	1.41	1.33	1.42	1.29	1.34	1.35	1.51	1.81	1.53	2.07	2.05
Punjab	3.93	4.30	3.87	4.05	3.85	3.48	3.31	3.25	3.37	3.71	3.40	3.38	3.47	3.40
Rajasthan	3.07	3.47	3.36	3.42	3.13	3.06	2.84	3.10	3.03	3.08	3.18	3.29	3.39	3.54
Tamil Nadu	10.08	10.83	11.28	10.03	9.96	10.54	10.09	10.59	11.68	10.32	10.20	11.76	10.96	11.58
Uttar Pradesh	7.60	6.92	7.49	7.68	8.23	8.39	7.86	7.68	7.72	7.95	6.81	6.91	6.82	6.14
Uttarakhand	0.41	0.37	0.56	0.57	0.56	0.56	0.66	0.86	0.97	1.32	3.49	2.69	2.61	2.96
West Bengal	4.31	3.98	4.21	4.49	4.21	3.95	3.98	3.82	3.87	3.83	3.95	3.98	4.40	3.99
Other States/UTs	2.82	3.64	3.52	4.39	4.14	4.31	4.38	5.06	4.53	4.42	4.00	3.98	3.43	3.25
India	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
All India (Output Rs. Crore)	**574839**	**635561**	**627579**	**635678**	**724448**	**772365**	**935240**	**1024450**	**1229048**	**1358946**	**1589817**	**1696025**	**1881235**	**2127443**

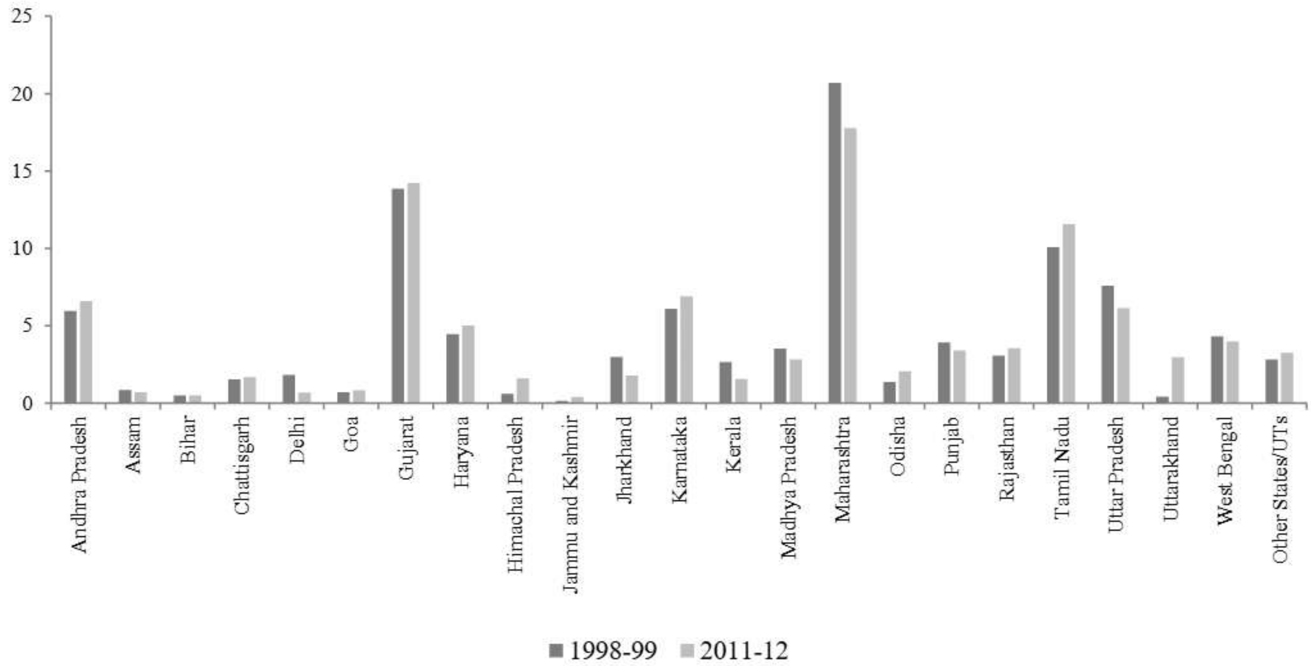

Figure 2: Percentage Share of Value of Output of States/UTs in the Organised Manufacturing Sector of India

Assam, Bihar, Jammu and Kashmir and Delhi recorded lower shares. From 1998–99 to 2011–12, the manufacturing sector of Haryana, Himachal Pradesh, Jammu and Kashmir, Uttarakhand and the Other States/UTs improved their shares with Uttarakhand registering the highest rise in the share. The shares of Delhi, Jharkhand, Madhya Pradesh, Punjab and Uttar Pradesh declined over the period 1998–99 to 2011–12. West Bengal sustained its share in the value of output against a sharp decline in labour share, indicating a shift in the technology for the production process.

Even with respect to gross value added and capital, Maharashtra, Gujarat and Tamil Nadu continued to enjoy higher shares in the manufacturing sector (Table 4, Table 5). Considering both these indicators, chemicals and chemical products (24), rubber and plastic products (25), machinery and equipment n.e.c. (29), other transport equipment (35) and furniture, manufacturing n.e.c. (36) had large shares, whereas coke, refined petroleum products and nuclear fuel (23), chemicals and chemical products (24) and furniture, manufacturing n.e.c. (36) constituted the same in Gujarat. Textiles (17), wearing apparel, dressing and dyeing of fur (18), luggage, handbags, saddlery, harness and footwear, tanning and dressing of leather products (19), office, accounting and computing machinery (30) and motor vehicles, trailers and semi-trailers (34) helped Tamil Nadu to maintain its higher share in the manufacturing sector. Assam, Bihar, Goa and Jammu and Kashmir had lower shares compared to the remaining states/UTs in the sector (Table 4, Figure 3).

In the case of capital, again Maharashtra, Gujarat and Tamil Nadu together constituted approximately 40 plus percent of the total capital in 1998–99 in the manufacturing sector of India. Over the period, these states together maintained their share with increasing share of Tamil Nadu but other two states could maintain their shares more or less the same in 2011–12. However, Andhra Pradesh, Odisha, Uttarakhand, Haryana and West Bengal showed increase in capital over the period. The states such as Uttar Pradesh, Madhya Pradesh, Kerala registered decrease in the share of capital over the period. This decrease in capital stock is more pronounced in Uttar Pradesh during 1998–99 to 2011–12 (Table 5, Figure 4).

Table 4: The Share of Gross Value Added of States/UTs in Organised Manufacturing Sector of India

(Percent)

State/UT	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Andhra Pradesh	5.58	5.75	6.09	6.89	6.53	6.50	6.11	5.72	6.69	6.46	7.18	5.79	6.55	7.13
Assam	0.92	0.92	0.76	0.61	1.23	1.29	1.08	0.84	0.75	0.62	0.58	0.65	0.74	0.72
Bihar	0.41	0.55	0.41	0.36	0.39	0.27	0.30	0.19	0.15	0.23	0.35	0.30	0.42	0.37
Chhattisgarh	2.15	1.66	1.73	1.68	1.99	2.34	2.65	1.82	2.42	2.44	2.15	1.86	1.97	1.61
Delhi	1.58	1.74	1.36	1.44	1.42	1.01	1.01	0.92	0.86	0.85	0.72	0.72	0.70	0.56
Goa	0.80	0.82	0.98	1.05	1.02	1.12	1.16	1.12	0.94	0.87	1.05	0.88	0.89	1.40
Gujarat	12.78	13.09	12.35	12.52	13.15	13.60	13.17	13.69	11.76	12.49	11.94	14.09	12.39	10.90
Haryana	3.84	4.41	4.25	4.76	4.80	5.10	5.09	4.92	4.45	4.43	4.50	5.93	4.02	4.21
Himachal Pradesh	0.65	0.78	0.94	0.95	0.90	0.81	0.92	1.81	1.86	2.03	2.59	2.10	2.53	2.49
Jammu and Kashmir	0.10	0.14	0.10	0.12	0.11	0.09	0.23	0.31	0.43	0.53	0.70	0.42	0.43	0.51
Jharkhand	5.09	4.47	2.79	2.40	3.69	3.54	5.10	3.06	2.17	3.27	1.87	1.96	2.64	1.83
Karnataka	6.80	5.31	5.88	6.63	6.83	7.00	7.65	7.08	7.72	7.56	6.95	6.09	6.09	11.92
Kerala	2.68	2.12	2.33	2.17	1.91	1.80	1.49	1.48	1.10	1.22	1.40	1.17	1.23	1.13
Madhya Pradesh	3.21	3.57	3.91	3.81	2.96	2.64	2.45	2.31	2.89	2.84	2.89	2.37	2.64	2.36
Maharashtra	20.71	21.61	20.60	19.09	18.92	19.40	19.30	21.84	21.58	20.95	19.40	18.97	19.74	17.58
Odisha	1.66	1.78	1.75	1.53	1.66	1.74	2.10	1.81	1.92	2.37	2.41	2.23	2.68	2.36
Punjab	3.38	3.67	3.06	3.71	3.31	2.76	2.47	2.42	2.87	3.31	2.60	2.70	3.20	4.16
Rajasthan	2.69	3.74	3.75	3.60	3.09	2.88	2.88	2.90	3.53	2.93	3.42	3.83	2.89	4.55
Tamil Nadu	9.63	9.82	11.59	10.15	9.45	10.19	9.50	10.14	11.10	9.67	8.99	12.03	11.27	10.31
Uttar Pradesh	7.65	6.75	7.25	7.58	7.71	7.37	6.64	6.25	6.55	6.01	5.14	5.97	6.96	4.85
Uttarakhand	0.39	0.36	0.64	0.57	0.76	0.75	0.80	1.11	1.26	1.77	6.88	3.29	3.95	3.81
West Bengal	4.54	3.81	4.04	4.30	4.17	3.86	3.94	3.07	2.89	3.01	2.73	3.06	3.09	2.62
Other States/UTs	2.76	3.13	3.44	4.08	4.00	3.94	3.96	5.19	4.11	4.14	3.56	3.60	2.98	2.62
India	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
All India (GVA Rs. Crore)	**129342**	**136550**	**123545**	**123173**	**139108**	**151218**	**174689**	**201071**	**239791**	**271054**	**305952**	**322304**	**338785**	**377855**

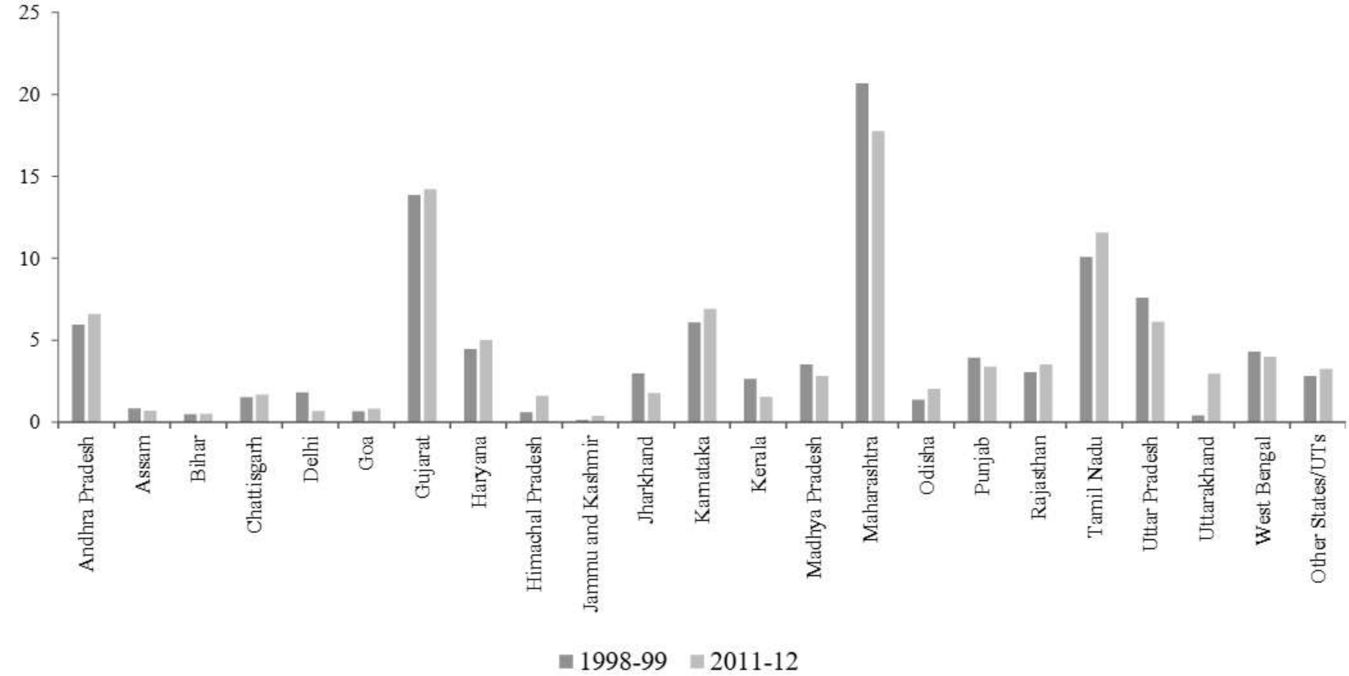

Figure 3: Percentage Share of Gross Value Added of States/UTs in the Organised Manufactuirng Sector

Table 5: The Share of Capital of States/UTs in the Organised Manufacturing Sector of India

(Percent)

State/UT	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Andhra Pradesh	6.76	6.87	6.80	7.09	7.35	7.11	7.09	6.69	7.23	7.72	7.41	6.98	7.83	11.10
Assam	0.67	0.74	1.39	0.94	1.37	1.48	1.45	1.31	1.20	1.11	0.98	0.86	0.81	0.86
Bihar	0.39	0.46	0.49	0.57	0.79	0.75	0.74	0.57	0.50	0.44	0.37	0.41	0.38	0.42
Chhattisgarh	1.70	2.10	1.58	2.72	1.55	1.78	2.25	2.44	2.61	2.55	2.60	2.46	2.14	2.51
Delhi	0.62	0.71	0.65	0.64	0.73	0.60	0.61	0.57	0.51	0.47	0.39	0.36	0.38	0.33
Goa	0.52	0.61	0.69	0.70	0.77	0.79	0.82	0.67	0.61	0.57	0.58	0.63	0.47	0.53
Gujarat	16.25	15.55	16.78	19.03	17.60	17.39	16.40	18.33	17.39	16.52	16.17	18.25	17.42	16.37
Haryana	3.08	3.58	3.68	3.50	3.38	3.49	3.49	3.32	3.44	3.80	4.03	3.45	3.77	3.39
Himachal Pradesh	0.71	0.76	0.82	0.91	0.78	0.79	0.79	1.04	0.87	1.27	1.30	1.25	1.60	1.44
Jammu and Kashmir	0.08	0.09	0.10	0.10	0.10	0.10	0.17	0.21	0.26	0.32	0.26	0.25	0.25	0.26
Jharkhand	3.76	3.11	3.49	3.24	3.03	2.89	2.74	2.68	2.56	2.41	2.64	2.26	3.38	3.16
Karnataka	8.87	6.58	6.38	6.83	6.98	7.12	6.87	7.12	6.47	6.64	6.93	6.79	6.51	6.51
Kerala	1.75	1.61	1.73	1.71	1.55	1.52	1.56	1.49	1.30	1.28	1.24	1.14	1.14	0.97
Madhya Pradesh	4.30	4.05	3.38	3.05	2.98	2.97	2.78	2.55	2.61	2.62	2.49	2.17	2.87	2.79
Maharashtra	15.48	18.20	17.78	16.86	18.46	18.34	19.37	17.60	17.92	16.19	16.66	15.08	14.89	14.19
Odisha	2.70	2.26	2.69	2.55	2.26	3.13	2.89	3.52	3.73	4.63	4.89	6.41	6.59	7.04
Punjab	2.52	2.99	2.51	2.36	2.88	2.37	2.50	2.62	3.01	3.08	3.05	2.48	2.71	2.40
Rajasthan	2.94	4.56	3.31	3.21	2.96	2.92	2.88	2.70	2.68	2.73	2.89	2.74	2.90	2.65
Tamil Nadu	9.25	9.49	9.63	8.49	9.51	9.78	9.81	10.11	10.47	9.89	9.73	10.63	9.91	9.45
Uttar Pradesh	12.67	9.33	8.94	7.50	7.06	7.08	6.95	6.89	7.10	7.94	6.79	5.94	5.51	5.11
Uttarakhand	0.45	0.37	0.57	0.57	0.56	0.58	0.68	0.80	1.14	1.43	2.20	2.47	2.33	2.32
West Bengal	2.95	4.31	4.34	5.34	5.14	4.78	4.74	4.32	3.99	3.96	4.06	4.58	3.98	4.01
Other States/UTs	1.58	1.67	2.27	2.09	2.21	2.24	2.42	2.45	2.40	2.43	2.34	2.41	2.23	2.19
India	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
All India (Capital Rs. Crore)	**752062**	**784032**	**744931**	**757083**	**783686**	**795652**	**800648**	**900521**	**1014957**	**1125249**	**1261654**	**1587907**	**1781303**	**1967907**

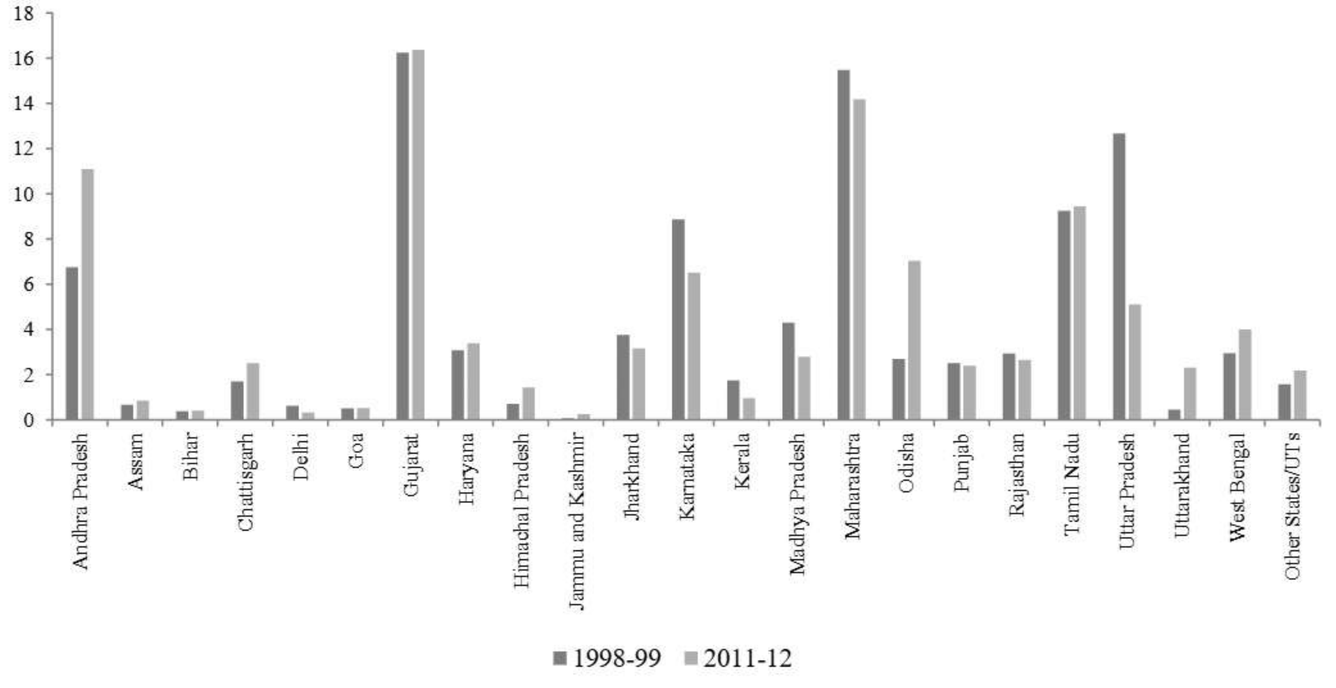

Figure 4: Percentage Share of Capital of States/UTs in the Organised Manufacturing Sector

3.2 Growth Rates:

This study employed the semi-log method to estimate ACGR from 1998–99 to 2011–12 for the manufacturing sector as well as for all the industries in India and in all the states with respect to number of factories, number of workers, value of output, gross value added and capital.

3.2.1 Factories:

Table 6 reports the ACGR of number of factories for all states/UTs from 1998–99 to 2011–12 for the aggregate and industry levels. Results reveal that Himachal Pradesh, Uttarakhand and Jammu and Kashmir dominated all remaining states/UTs in the growth rate of number of factories. It implies that these states encountered setting up of many factories over the period. The high growth rate of factories is registered by paper and paper products (21), chemicals and chemical products (24), office, accounting and computing machinery (30), electrical machinery and apparatus n.e.c. (31) and motor vehicles, trailers and semi-trailers (34) in Himachal Pradesh whereas, in Uttarakhand, chemicals and chemical products (24), rubber and plastic products (25), basic metals (27), fabricated metal products (28) and electrical machinery and apparatus n.e.c. (31) showcased the same. In spite of the existence of a very few industries, Jammu and Kashmir experienced the emergence of many factory units in chemicals and chemical products (24) with the growth rate of 20.49 percent. Delhi, Goa and West Bengal had the lowest growth rate among all states/UTs in the Indian manufacturing sector as many industries in these states registered negative growth rates indicating shutting down or shifting of factories. Gujarat, Haryana, Karnataka, Kerala, Madhya Pradesh, Maharashtra and Uttar Pradesh, known as industrially developed states, exhibited the ACGR below the national average. In these states, radio, TV and communication equipment and apparatus (32), medical, precision and optical instruments, watches and clocks (33) and other transport equipment (35) demonstrated negative growth rates, thereby leading to low growth rate of the manufacturing sector. In fact, even the national manufacturing sector has showed negative growth rate in these industries. Thus, it could be inferred that the number of factories in these industries declined due to technological up-gradation.

Table 6: ACGR of Factories in the Organized Manufacturing Sector during 1998–99 to 2011–12

(Percent)

State/Industry Code	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Manufacturing
Andhra Pradesh	3.35	-1.00*	3.17	9.54	2.49*	4.62	8.59	5.91	5.45	5.37	7.40	6.82	6.33	5.97	1.67*	26.49	7.17	-7.74	-1.50*	0.92*	-0.42*	4.53	**4.63**
Assam	2.52	N.A.	4.62	N.A.	N.A.	-0.46*	22.44	0.28*	15.31	10.47	17.92	11.04	4.01	3.07	-8.33	N.A.	8.16	N.A.	N.A.	1.47*	N.A.	N.A.	**5.32**
Bihar	6.41	-4.34	-2.06*	N.A.	-2.71*	-0.73*	-0.14*	-4.54*	8.33	-1.09*	4.14*	9.11	1.23*	2.81*	-8.02	N.A.	1.57*	N.A.	N.A.	N.A.	2.72*	1.45*	**4.83**
Chhattisgarh	4.79	4.76	-2.94	N.A.	N.A.	0.77*	3.73	4.67	7.28	4.66	6.57	4.70	8.84	6.11	5.25	N.A.	2.75*	N.A.	N.A.	N.A.	-0.24*	8.21	**5.42**
Delhi	0.61*	1.32*	0.03*	-0.55*	1.78*	-1.53*	2.27	2.52	N.A.	-1.53*	-1.19*	-5.45	-0.74*	0.77*	-3.27	12.28	0.22*	-5.00	-4.75	-2.18	-5.65	0.46*	**-0.63***
Goa	2.73	N.A.	-5.99	N.A.	N.A.	N.A.	1.36*	4.23	2.92*	1.16	0.26*	-1.34*	3.48	0.67*	1.28*	10.85	6.77	-16.78	-5.67	-2.99	6.65	3.49*	**0.97**
Gujarat	3.03	-0.62*	1.09*	8.36	-6.92	5.55	5.79	0.32*	4.26	1.20*	2.67	2.25*	2.97	4.75	1.55	N.A.	2.84	-10.73	-5.00	3.84	-10.29	7.05	**2.31**
Haryana	-0.36*	3.76	3.31	12.84	6.71	5.62	0.99*	6.93	6.78*	2.10	1.59*	2.39	-1.66*	1.53*	-1.17*	2.89*	5.12	-4.25	-1.00*	5.76	0.35*	7.95	**2.40**
Himachal Pradesh	7.49	-1.93*	6.07	N.A.	19.91	5.57	20.11	11.17	N.A.	22.41	10.17	8.57	13.62	10.13	4.59	23.27	30.51	7.62	9.47	20.07	N.A.	N.A.	**14.29**
Jammu and Kashmir	3.71	N.A.	-3.05	N.A.	N.A.	4.11	12.72	9.62	N.A.	20.49	12.50	8.52	12.19	10.62	-10.13	N.A.	7.89	N.A.	N.A.	N.A.	N.A.	4.53	**7.93**
Jharkhand	5.06	-5.25	-2.67*	N.A.	N.A.	-5.16	2.62*	2.75*	2.86	3.24	-2.18*	7.65	5.90	2.00*	-1.24*	N.A.	5.72*	N.A.	N.A.	0.89*	N.A.	N.A.	**4.05**
Karnataka	3.23	-0.03*	-2.34*	0.91*	-1.26*	0.94*	4.01	3.99	6.82	3.71	4.04	2.51	5.79	6.66	3.07	20.59	3.68	-12.74	-3.93	5.62	0.00*	9.90	**3.12**
Kerala	3.51	28.09	0.53*	0.20*	4.05	-1.45*	3.23	-0.33*	3.89	2.20	2.60	0.24*	2.34	0.27*	-3.65	N.A.	-1.80	N.A.	-3.30*	9.42	0.46*	3.86	**2.52**
Madhya Pradesh	2.65	0.67*	-1.20*	13.42	0.15*	0.73*	4.28	1.35*	5.27	3.79	3.66	-0.98*	1.77*	1.83*	2.71	N.A.	0.68*	-6.94	-1.59*	1.46*	8.24	6.77	**1.80**
Maharashtra	1.95	-0.23*	1.71*	2.78*	-0.88*	2.53	1.79	0.86*	4.33	2.17	2.18	-0.34*	2.35	4.75	0.74*	10.51	3.72	-11.55	-3.75	4.78	0.44*	5.49	**2.26**
Odisha	5.71	6.33	-5.61	N.A.	N.A.	-5.08	3.24	-3.66	5.56	-1.35*	0.16*	5.62	10.17	0.23*	-4.13	N.A.	-0.79*	N.A.	N.A.	-0.94*	N.A.	-5.75	**3.46**
Punjab	5.60	N.A.	-2.24	42.48	-2.85*	5.11	6.20	0.82*	1.32*	3.70	3.13	31.67	5.27	1.51	1.06*	N.A.	5.08	-6.02	-11.40	2.34*	3.04	3.16	**5.20**
Rajasthan	3.37	16.84	0.68*	6.66	3.65	8.66	6.78	-0.75*	-0.75*	2.99	6.32	4.99	4.35	5.94	1.56*	N.A.	6.98	-4.85	-4.63	4.43	1.37*	9.72	**4.01**
Tamil Nadu	2.45	-2.59*	3.48	12.87	3.74	2.13	7.07	2.52	6.88	1.67	6.13	5.91	3.53*	9.00	3.23	23.33	4.61	-11.41	-0.21*	8.35	-1.16*	6.15	**4.44**
Uttar Pradesh	-0.37*	-5.09	2.83	11.57	7.21	3.42	2.67	2.50*	-1.55*	0.12*	2.75	5.72	1.13*	5.57	0.58*	12.84	3.59	-4.00	-5.25	2.71*	-0.62*	2.59*	**2.21**
Uttarakhand	1.27*	N.A.	15.54	N.A.	N.A.	N.A.	14.62	N.A.	N.A.	24.00	25.58	5.84	18.64	18.63	N.A.	N.A.	21.52	9.04	8.66	N.A.	N.A.	14.60	**13.64**
West Bengal	2.76	5.96	1.34*	9.09	6.61	-1.01*	2.42	-1.74	0.69*	0.08*	2.40	1.79	1.76*	0.85*	-1.71	N.A.	1.89*	-4.81	-7.74	-3.17*	0.60*	2.34*	**1.68**
Other States/UTs	1.66	7.41	2.68	4.62*	0.82*	-3.98	1.91*	-0.39*	16.00	4.01	5.96	7.31	5.71	2.88	-2.74	1.86*	4.16	-12.17	-6.81	6.56	-1.32*	6.05	**3.70**
India	2.91	2.79	1.89	8.02	3.63	1.42	4.82	1.90	4.07	2.79	4.25	5.57	3.74	4.71	1.08*	15.07	4.34	-7.38	-3.24	4.95	0.53*	5.40	**3.44**

* Statistically insignificant at 5 percent level of significance.

Note: Please refer Table1 for description of the industry

3.2.2 Employment:

The ACGR of employment (number of workers) for all states/UTs for the manufacturing sector from 1998–99 to 2011–12 at an aggregated and disaggregated level of industrial classification are estimated (Table 7). Uttarakhand ranked at the top registering the highest employment growth rate over the period, followed by Himachal Pradesh and Jammu and Kashmir. In Uttarakhand, the manufacture of fabricated metal products (28) recorded the highest growth rate, thus contributing to the growth of manufacturing sector in the state. Chemicals and chemical products (24), rubber and plastic products (25), basic metals (27) and electrical machinery and apparatus n.e.c. (31) were the best performing industries in these three topmost states. However, showcasing higher ACGR is due to very narrow industrial base of the manufacturing sector in these states. West Bengal, Jharkhand, Delhi and Madhya Pradesh were amongst the poorest performing states/UTs in terms of employment growth. In fact, Jharkhand (-1.77 percent) and Delhi (-0.73 percent) demonstrated negative growth rate, implying jobless growth. These states experienced depletion in the employment generation in most of the industries, and many industries registered a decline in employment or even negative employment growth rates. The growth rates of Andhra Pradesh, Assam, Bihar, Kerala, Maharashtra and Uttar Pradesh were below the national average. Maharashtra, the leading state for two decades, experienced a fall in the growth rate of employment.

3.2.3 Value of Output:

Though the share of the value of output was higher for Maharashtra, Gujarat and Tamil Nadu compared to the remaining states/UTs, the growth rates of the same for Uttarakhand, Jammu and Kashmir and Himachal Pradesh were the highest among all states/UTs (Table 8). In all these three states, paper and paper products (21), chemical and chemical products (24), rubber and plastic products (25), basic metals (27), fabricated metal products (28) and electrical machinery and apparatus n.e.c. (31) commonly showcased higher improvement in terms of the ACGR of the value of output compared to other industries in the sector. In Uttarakhand, 9 out of 12 industries in the manufacturing sector showed a growth rate of more than 20 percent

Table 7: ACGR of Workers in the Organized Manufacturing Sector during 1998–99 to 2011–12

(Percent)

State/Industry Code	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Manufacturing
Andhra Pradesh	3.22	-1.93	5.03	20.59	17.08	0.69*	5.79	4.88	13.16	8.22	9.92	5.49*	4.17	9.10	2.67	31.73	8.97	-4.17*	-3.41*	2.46	1.62*	8.60	**2.62**
Assam	0.74*	N.A.	-4.85	N.A.	N.A.	17.79	2.40	2.71	4.14	11.93	17.90	12.79	7.27	5.14*	-7.85	N.A.	4.22*	N.A.	N.A.	0.66*	N.A.	N.A.	**3.64**
Bihar	3.73	-1.14*	-2.18*	N.A.	-6.49	-1.85*	9.06	-11.88	0.00*	-6.94	-1.05*	9.36	3.31*	0.89*	2.06*	N.A.	-2.04*	N.A.	N.A.	N.A.	-5.80	9.27	**5.03**
Chhattisgarh	4.90	22.60	-7.16	N.A.	N.A.	-1.46*	0.30*	10.20	27.14	3.06*	2.76*	0.51*	6.64	15.77	9.76	N.A.	3.99*	N.A.	N.A.	N.A.	11.43	14.63	**6.13**
Delhi	2.47	-2.75*	1.24*	1.49*	1.68*	-10.97*	0.53*	-0.39*	N.A.	-5.15	-4.44	-8.80	-3.81*	-0.18*	-4.30	30.81	0.20*	-7.94	-7.39	-1.95*	-9.81	-0.49*	**-0.73***
Goa	5.97	N.A.	-2.73	N.A.	N.A.	N.A.	3.38*	6.00	2.32*	8.54	7.02	3.86	5.06	8.53	5.36	15.68	18.25	-11.36	-3.45*	8.52	7.09	7.73	**6.63**
Gujarat	3.07	-1.56*	3.67	7.01	-1.51*	8.45	5.52	2.05*	18.32	2.21	7.00	8.41	9.68	9.24	5.26	N.A.	6.61	1.09*	1.17*	6.13	1.19*	14.75	**5.32**
Haryana	0.38*	1.95*	5.52	19.52	8.41	11.27	0.26*	4.22	5.16*	5.83	2.47*	-2.58	4.79	6.16	1.75*	0.98*	6.90	4.91*	-7.45*	14.40	5.40*	16.11	**6.47**
Himachal Pradesh	11.96	-5.30*	2.46	N.A.	22.55	23.88	15.56	22.33	N.A.	38.51	16.28	3.54*	20.71	7.69	8.13	35.74	44.22	0.37*	2.94*	24.73	N.A.	N.A.	**14.13**
Jammu and Kashmir	3.82	N.A.	0.92*	N.A.	N.A.	2.36*	17.02	15.53	N.A.	35.12	21.77	7.77	13.78	15.65	-9.27	N.A.	13.45	N.A.	N.A.	N.A.	N.A.	5.89	**9.69**
Jharkhand	5.08	-12.33	-8.18	N.A.	N.A.	-0.82*	0.73*	9.51	-2.09	-4.20	-2.76*	1.89	-3.40	3.07*	0.32*	N.A.	-4.53*	N.A.	N.A.	1.33*	N.A.	N.A.	**-1.77**
Karnataka	3.59	-0.98*	-4.46	8.54	0.44*	5.02	1.96	3.69	10.83	4.54	6.31	0.85*	7.98	8.60	6.20	28.62	5.04	-12.42	-3.84	6.42	6.24	16.42	**5.30**
Kerala	2.40	22.86	-2.70	11.03	9.23	-0.95*	-1.87*	-2.86*	5.24*	-2.14	2.96	-0.31*	2.42*	2.76*	2.04*	N.A.	-0.77*	N.A.	-4.99	15.04	3.83	4.05*	**2.53**
Madhya Pradesh	4.46	-2.50*	-4.25	17.32	4.33	3.45*	-0.38*	9.07	8.37	3.71	8.38	1.39*	6.22	5.42	6.11	N.A.	2.03*	-18.98	-0.91*	6.70	6.87	5.92	**1.89***
Maharashtra	2.29	-4.38*	-0.99*	8.03	4.53	6.41	0.37*	2.97	0.47*	1.93	5.67	0.97*	7.40	8.36	3.56	13.31	7.15	-4.24	-3.04	10.92	5.08	4.77	**3.43**
Odisha	4.12	15.22	-10.59	N.A.	N.A.	-1.19*	-2.10*	0.68*	16.30	-0.03*	0.36*	5.69	13.53	-0.77*	-5.12	N.A.	4.94	N.A.	N.A.	0.95*	N.A.	-3.76*	**7.51**
Punjab	1.59	N.A.	3.58	38.92	-2.21	4.86	4.56	2.27*	2.61*	3.08	0.48*	40.55	5.71	6.90	5.39	N.A.	5.36	-12.06	1.05*	3.50	3.08	6.21	**5.89**
Rajasthan	6.97	8.34	2.52	17.73	11.88	22.45	8.10	1.31*	-4.58*	5.72	5.16	7.49	5.91	11.30	2.29*	N.A.	14.17	-0.60*	2.72*	17.26	-2.35*	7.35	**6.10**
Tamil Nadu	2.09	-4.17	3.06	9.72	6.84	4.75	5.89	3.55	4.79*	-0.84	10.23	5.75	6.25	12.06	6.77	44.08	8.05	1.49*	-1.15*	13.06	1.81*	8.55	**5.51**
Uttar Pradesh	0.08*	0.29*	-2.75	20.22	12.85	5.91	2.67	6.06	8.92	0.22*	3.29*	9.01	0.23*	12.33	2.03*	26.50	4.91	-2.31*	-7.02*	7.39	-0.78*	1.83*	**3.96**
Uttarakhand	8.54	N.A.	20.27	N.A.	N.A.	N.A.	9.57	N.A.	N.A.	42.14	32.95	6.19*	31.12	43.18	N.A.	N.A.	28.58	11.00*	9.18	N.A.	N.A.	29.49	**21.79**
West Bengal	2.78	2.94*	-1.84	14.23	10.30	3.31	0.57*	-1.29*	2.75	-2.30	2.19*	0.49*	2.01*	5.29	-5.55*	N.A.	1.37*	-8.77	-8.47	-9.72	-1.97*	8.98	**0.17***
Other States/UTs	3.59	12.60	8.32	14.24	-3.43	-4.22*	5.62	-3.13*	10.13	6.73	9.96	14.50	11.23	7.01	1.24*	12.53	16.54	-9.76	-0.47*	13.89	-7.32	16.03	**8.84**
India	2.43	-0.98	1.40	10.89	8.09	4.29	3.64	2.94	5.51	3.28	6.78	6.64	5.52	8.92	3.79	21.39	7.46	-2.92*	-2.06*	10.10	2.67*	8.70	**4.44**

* Statistically insignificant at 5 percent level of significance.

Note: Please refer Table1 for description of the industry

Table 8: ACGR of Output in the Organized Manufacturing Sector during 1998–99 to 2011–12
(@ Constant Prices 1993–94 = 100)

(Percent)

State/Industry Code	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Manufacturing
Andhra Pradesh	8.91	4.08	9.03	24.50	9.22	8.95	9.92	6.60	11.08	13.92	14.84	12.90	11.45	18.94	8.97	31.95	12.04	12.49	16.71	8.44	11.71	27.28	**11.52**
Assam	3.56	N.A.	1.68*	N.A.	N.A.	33.40	1.58*	20.07	13.02	29.74	26.39	16.03	21.94	7.03*	1.47*	N.A.	8.69	N.A.	N.A.	10.79	N.A.	N.A.	**9.76**
Bihar	7.54	7.24	3.59*	N.A.	-6.55	1.10*	20.08	-4.96*	12.85	4.54*	5.78*	9.68	9.44	4.62*	9.50*	N.A.	16.40	N.A.	N.A.	N.A.	-9.10	20.82	**10.01**
Chhattisgarh	7.08	10.83	-1.32*	N.A.	N.A.	3.81*	5.65	27.82	31.99	6.21	10.98*	6.12	15.06	27.85	15.76	N.A.	13.19	N.A.	N.A.	N.A.	12.09	17.08	**13.07**
Delhi	9.30	2.40*	5.49*	-1.61*	5.07	2.01*	1.08*	3.26*	N.A.	4.25*	4.74*	-6.36	1.35*	3.57*	1.83*	25.71	6.31	-0.66*	-6.92	0.59*	-10.95	6.98	**3.63**
Goa	8.06	N.A.	10.18	N.A.	N.A.	N.A.	12.78	11.53	2.91*	12.41	12.51	11.35	13.38	6.12	10.15	1.99*	18.06	-1.23*	4.10*	15.59	19.15	14.53	**11.68**
Gujarat	10.79	-0.30*	6.82	8.55	2.77*	21.09	10.83	6.76	22.70	7.20	8.40	13.30	14.79	20.95	14.27	N.A.	12.34	6.56	3.71*	19.17	8.63	32.32	**11.91**
Haryana	11.25	5.69*	9.51	17.45	10.40	21.15	4.28*	17.23	5.25*	10.73	5.89	6.33	8.42	9.30	8.54	2.25*	12.27	-3.13*	-5.32*	15.49	14.71	18.14	**11.86**
Himachal Pradesh	10.72	-10.62	8.44	N.A.	38.17	41.22	29.73	30.74	N.A.	36.58	18.99	8.77	32.82	15.25	19.76	N.A.	49.95	3.35*	19.22	29.07	N.A.	N.A.	**21.52**
Jammu & Kashmir	7.22	N.A.	9.08	N.A.	N.A.	9.51	29.47	46.74	N.A.	57.75	46.48	13.77	22.58	17.01	19.92	N.A.	37.88	N.A.	N.A.	N.A.	N.A.	7.91	**23.99**
Jharkhand	10.16	-5.41*	0.64*	N.A.	N.A.	10.41	5.70*	20.57	2.77*	3.60*	5.02*	8.78	5.47	17.96	18.20	N.A.	-7.05*	N.A.	N.A.	16.00	N.A.	N.A.	**7.76**
Karnataka	12.07	-1.49*	1.87*	9.32	7.53	9.46	8.06	14.08	17.36	11.94	11.94	8.68	19.95	9.38	14.08	17.95	11.42	-1.80*	4.00*	15.10	15.92	46.47	**13.24**
Kerala	4.79	1.08*	2.01*	18.92	6.44*	9.57	1.23*	2.49*	8.04	2.54*	12.61*	7.33	6.90	5.54	3.71	N.A.	2.84*	N.A.	8.13	22.87	12.23	28.22	**8.44**
Madhya Pradesh	8.85	-3.63*	2.59	40.69	3.86	12.08	4.12	10.60	8.81	6.16	9.14	5.96	10.06	6.26	17.05	N.A.	6.98	-16.35	-0.17*	13.15	1.70*	14.86	**7.38**
Maharashtra	6.74	0.03*	6.37	10.80	8.95	15.63	4.88	9.53	9.62	7.24	12.25	8.13	16.06	13.34	10.08	15.95	14.17	6.75	4.92	16.81	11.34	7.70	**10.03**
Odisha	7.03	6.18	3.31	N.A.	N.A.	3.40	7.26	20.68	13.54	15.27	6.41	10.51	17.66	8.29	-0.88*	N.A.	16.51	N.A.	N.A.	12.35*	N.A.	3.56*	**14.63**
Punjab	6.07	N.A.	10.43	44.57	4.01*	10.35	13.83	12.73	13.29	11.13	6.35	29.04	10.68	9.49	10.13	N.A.	14.14	-7.90	-2.72*	12.31	6.51	7.32	**9.66**
Rajasthan	11.12	13.79	6.48	10.90	14.96	30.86	16.17	4.25*	-1.61*	10.00	11.45	9.56	11.68	18.77	7.79	N.A.	24.87	25.11	8.84	31.26	9.39	10.76	**11.58**
Tamil Nadu	8.12	4.48*	5.47	14.40	7.73	17.33	9.33	9.89	9.95	4.82	12.16	9.91	14.10	16.33	15.30	60.11	14.18	7.42	6.58	21.99	5.23	27.32	**12.08**
Uttar Pradesh	8.99	7.68	3.86	13.47	16.16	7.56	11.63	10.07	32.29	5.77	8.42	10.39	8.85	8.83	11.82	15.01	12.10	13.28	-3.38*	14.71	1.50*	5.13	**10.16**
Uttarakhand	15.46	N.A.	59.37	N.A.	N.A.	N.A.	16.40	N.A.	N.A.	54.20	25.90	17.50	39.36	68.87	N.A.	N.A.	30.82	33.23	30.60	N.A.	N.A.	45.97	**32.84**
West Bengal	12.10	0.70*	3.47	17.35	11.80	19.04	9.24	-2.44*	0.84	14.63	11.71	10.56	15.92	7.06	7.89	N.A.	7.47	-8.19	-3.51*	-8.86	9.57	14.48	**10.90**
Other States/UTs	8.10	10.65	14.33	19.22	-3.11*	9.38	7.98	2.32*	10.15	10.21	11.44	17.46	14.77	10.46	5.20	7.39*	15.76	0.32*	-5.62*	20.34	-5.65*	13.22	**11.87**
India	8.79	3.17	7.01	11.56	9.73	15.48	9.03	8.41	14.33	9.30	11.26	10.16	13.42	13.70	12.02	17.63	13.46	8.49	4.78	17.57	10.95	17.83	**11.36**

* Statistically insignificant at 5 percent level of significance.
Note: Please refer Table 1 for description of the industry

from 1998–99 to 2011–12. The higher growth rates in these industries could be attributed to the narrow base in the initial years. Andhra Pradesh, Assam, Bihar, Kerala, Punjab, Rajasthan, Uttar Pradesh and West Bengal had growth rate below the national average. In fact, Maharashtra with highest share, also registered the growth rate below the national average. Delhi, Jharkhand and Madhya Pradesh were at the bottom as per the ACGR of the value of output.

3.2.4 Gross Value Added:

As seen in Table 9, even with respect to gross value added, the manufacturing sector of Uttarakhand, Jammu and Kashmir and Himachal Pradesh indicated the highest growth rate compared to all the remaining states/UTs. Again, it is due to the narrow base of the manufacturing sector of these states. Chemical and chemical products (24), rubber and plastic products (25), other non-metallic mineral products (26), fabricated metal products (28) and electrical machinery and apparatus n.e.c. (31) contributed to the high performance of these states. Delhi and Jharkhand were accompanied by Kerala and Bihar to form a poor performing bracket of the states. Assam, Gujarat, Madhya Pradesh, Maharashtra, Punjab, Rajasthan, Uttar Pradesh and West Bengal continued to underperform with regard to the growth rate of the Indian manufacturing sector compared to the ACGR of national manufacturing sector.

3.2.5 Capital:

The ascendance of Uttarakhand and Jammu and Kashmir was reinstated by the growth rate experienced by these states in terms of capital with Odisha ranking third highest by the growth rate of capital (Table 10). The scenario of the growth rate of capital does not significantly differ from the one indicated by the other three variables. At the disaggregated level of the topmost states, similar industries continued to reign in the manufacturing sector of the respective states. Uttarakhand had 6 industries out of 12 with the ACGR of more than 50 percent such as textiles (17), luggage, handbags, saddlery, harness and footwear, tanning and dressing of leather products (19), wood and products of wood and cork except furniture, articles of straw and plating materials (20), machinery and equipment n.e.c. (29), motor

Table 9: ACGR of Gross Value Added in the Organized Manufacturing Sector during 1998–99 to 2011–12 (@ Constant Prices 1993–94 = 100)

(Percent)

State/Industry Code	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Manufacturing
Andhra Pradesh	8.61	0.21*	9.20	28.47	5.03	3.92*	N.A.	0.02*	7.93*	13.17	16.79	13.86	12.17	11.32	8.45	37.65	8.08	N.A.	21.25	9.17	10.55	22.07	**11.18**
Assam	3.18*	N.A.	2.33*	N.A.	N.A.	28.75	N.A.	24.25	1.54*	36.95	28.72	15.97	19.20	4.00*	-2.37*	N.A.	5.40*	N.A.	N.A.	15.98	N.A.	N.A.	**7.12**
Bihar	1.75*	9.54	6.86	N.A.	5.50	4.53*	25.71	-10.55*	N.A.	N.A.	14.98*	15.16	N.A.	N.A.	13.21*	N.A.	N.A.	N.A.	N.A.	N.A.	-18.82	12.14*	**7.11**
Chhattisgarh	11.35	12.87	-3.77*	N.A.	N.A.	3.79*	14.93	17.89	N.A.	2.99*	N.A.	10.59	10.58	25.40	15.20	N.A.	13.25*	N.A.	N.A.	N.A.	14.20	16.61	**10.41**
Delhi	8.70	N.A.	1.80*	-2.94	1.59	-0.96*	-1.01*	1.15*	N.A.	4.45*	2.82*	-6.45	3.56*	0.69*	2.34*	N.A.	3.17*	-1.66*	-7.01*	2.54*	-12.60	1.33*	**1.44***
Goa	7.67	N.A.	12.05	N.A.	N.A.	N.A.	11.06	6.69	2.51*	11.44	12.90	16.37	12.64*	5.15	9.28	N.A.	10.40	-2.01*	11.00	17.48	9.68	15.97	**11.57**
Gujarat	10.67	-2.28*	5.88	5.47	5.81	19.25	10.35	8.20*	17.58	5.88	12.50	12.02	11.83	19.86	12.99	N.A.	10.60	4.30*	6.44*	21.73	24.61	21.14	**9.51**
Haryana	9.67	6.88	10.24	17.41	2.36*	18.04	6.96	10.68	-2.36*	13.13	5.49	5.40	1.19*	11.47	6.28	1.53*	12.26	-2.33*	-7.87*	13.77	13.53	24.93	**10.57**
Himachal Pradesh	21.76	-12.41	2.72*	N.A.	4.12*	N.A.	24.99	21.34*	N.A.	41.71	33.98	7.17	N.A.	N.A.	19.00	N.A.	41.81	2.24*	19.82	20.72	N.A.	N.A.	**23.40**
Jammu & Kashmir	9.87	N.A.	7.26	N.A.	N.A.	8.01	N.A.	N.A.	N.A.	69.55	46.22	11.59	31.40	17.51	0.40*	N.A.	45.86	N.A.	N.A.	N.A.	N.A.	4.69*	**28.32**
Jharkhand	11.26	-10.82	2.27*	N.A.	N.A.	N.A.	4.72*	N.A.	14.63	4.58*	2.38*	11.38	0.82*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	13.03	N.A.	N.A.	**3.84***
Karnataka	10.76	-7.71*	-0.30*	10.91	4.90	N.A.	6.74	14.92	15.88	12.23	N.A.	10.61	25.20	8.75	13.50	18.54	8.39	-4.17*	4.25*	11.89	9.43	23.58	**12.59**
Kerala	1.40*	13.55	-4.65*	18.57	6.45	6.47	1.10*	4.47*	N.A.	2.69*	6.66	6.26	-1.30*	6.64*	1.90*	N.A.	4.12*	N.A.	7.03	24.45	11.73	N.A.	**3.02**
Madhya Pradesh	11.20	-5.22*	0.04*	36.93	2.47	12.59	2.07*	N.A.	N.A.	7.75	8.19	7.86	0.98*	2.98*	17.03	N.A.	7.14	-17.05	1.54*	12.87	-9.69*	9.78	**6.81**
Maharashtra	3.46	1.82*	3.93	12.38	3.33	13.61	5.64	8.41	16.96	5.71	12.01	9.71	15.47	12.84	9.66	21.12	13.54	8.22	5.26	10.99	9.83	5.28	**9.43**
Odisha	16.79	13.91	-3.09*	N.A.	N.A.	6.80	9.63	19.22	23.32	N.A.	N.A.	12.81	14.48	4.07*	-8.07*	N.A.	12.29	N.A.	N.A.	N.A.	N.A.	3.86*	**14.13**
Punjab	2.26*	N.A.	9.98	46.48	2.25	7.51	11.46	N.A.	9.44*	11.11	4.72	40.19	10.10	8.07	7.49	N.A.	9.27	-14.76	0.84*	9.62	5.01	4.71*	**9.54**
Rajasthan	13.46	8.93	4.72	7.65	1.79*	N.A.	18.14	N.A.	N.A.	4.73*	7.97	13.55	13.08	17.55	8.95	N.A.	17.94	11.12	8.66	33.02	N.A.	9.17	**11.12**
Tamil Nadu	6.00	9.83*	5.28	11.83	1.64	N.A.	6.38	9.69	1.32*	1.10*	9.16	9.62	13.67	17.80	15.99	51.22	13.45	6.80*	3.52*	17.51	8.64	20.98	**10.67**
Uttar Pradesh	4.23	10.22	0.69*	13.40	1.27*	1.25*	8.19	10.50	N.A.	3.93	5.95	12.55	2.44*	8.32	9.88	15.55*	9.80	7.46*	-0.64*	12.60	-2.80*	4.52*	**7.31**
Uttarakhand	24.20	N.A.	N.A.	N.A.	N.A.	N.A.	14.40	N.A.	N.A.	60.47	21.21	21.95	N.A.	60.81	N.A.	N.A.	24.16	33.52	N.A.	N.A.	N.A.	34.64	**35.50**
West Bengal	11.60	-5.90*	0.20*	18.41	1.98*	19.85	8.56	-3.77*	9.39*	7.22	6.82	9.39	8.66	6.74	5.98	N.A.	6.89	-9.02*	-0.95*	-15.16	5.26	11.48	**5.86**
Other states	8.72	11.27*	13.33	17.44	1.59*	8.21	8.65	0.45*	0.81*	7.09	7.26	18.72	12.32*	6.65	5.94	12.88	12.96	3.90*	-5.18*	23.07	-5.99*	12.03	**9.83**
India	8.71	4.86	6.72	12.21	11.98	13.46	8.60	9.32	14.73	9.64	11.43	12.71	12.21	15.03	13.20	19.12	12.34	8.63	7.31	16.86	12.62	11.87	**11.38**

* Statistically insignificant at 5 percent level of significance.
Note: Please refer Table 1 for description of the industry.

Table 10: ACGR of Capital in the Organized Manufacturing Sector during 1998–99 to 2011–12 (@ Constant Prices 1993–94 = 100)

(Percent)

State/Industry Code	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Manufacturing
Andhra Pradesh	8.65	3.30*	9.15	2.56*	18.34	7.53	9.10	4.86	12.45	10.09	4.74	12.75	12.86	3.26*	10.22	11.17	13.34	9.72	6.25	2.13*	4.37	11.84	9.97
Assam	4.18	-4.09*	1.39*	-14.17	N.A.	18.85	1.99*	0.41*	10.82	4.27*	17.23	24.47	19.03	14.28	17.25	20.90*	13.21	N.A.	N.A.	6.78	N.A.	N.A.	7.51
Bihar	6.79	1.71*	6.14	-2.00*	-6.69	-2.73*	11.59	-3.50*	8.93	-3.08*	-7.04	-1.01*	-0.44*	6.73*	16.73	N.A.	5.42*	N.A.	N.A.	N.A.	-3.93*	2.86*	5.53
Chhattisgarh	5.75*	1.03*	-7.14	N.A.	N.A.	3.44*	2.62	3.66	27.66	7.19	8.09*	1.65*	13.22	4.35*	14.25	7.68*	15.62	N.A.	N.A.	N.A.	16.37	16.65	10.93
Delhi	6.71	-4.69*	3.27*	-0.43*	-3.11*	-2.69*	4.12	3.59*	-8.07*	7.32	5.38	-2.82*	2.49*	2.85*	0.54*	1.94*	7.24	-4.83	-10.56	-2.35*	-9.84	-1.03*	1.78
Goa	5.43	N.A.	0.06*	N.A.	N.A.	N.A.	12.71	11.07	2.78*	9.92	6.40	0.52*	2.89	-1.91*	6.42	3.75	8.53	-1.35*	-2.88*	-0.20*	11.93	6.64*	6.23
Gujarat	7.76	-0.09*	5.47	-4.87*	1.16*	17.91	9.66	4.78*	27.23	6.54	-2.81*	9.91	9.59	6.59	13.07	2.66*	11.36	6.00	0.98*	9.20	22.26	28.45	8.07
Haryana	12.84	-0.20*	9.71	13.02	7.59	5.39	1.82*	5.95	13.96	8.74	5.16	4.85	7.54	6.03	5.58	-3.74*	10.69	-3.15*	-9.47	11.39	8.25	7.54	8.54
Himachal Pradesh	12.88	-0.57*	2.79*	-8.02*	28.59	40.94	31.54	22.91	25.18	28.08	18.97	11.63	10.18	18.27	11.86	16.09	43.16	6.09*	-0.47*	27.49	39.87	N.A.	14.44
Jammu and Kashmir	5.82	N.A.	10.19	-0.88*	N.A.	13.34	44.70	45.24	N.A.	41.85	48.50	25.35	29.59	22.27	9.19	4.37	32.04	12.94	N.A.	N.A.	N.A.	10.28	20.29
Jharkhand	9.50	-3.58*	1.34*	N.A.	N.A.	6.00*	4.20*	29.92	3.38*	1.66*	-8.11*	10.46	6.95	-2.59*	19.35	7.74*	-3.02*	N.A.	N.A.	11.57	-4.49*	-6.88*	5.96
Karnataka	IN.A.	2.97*	3.64	7.42	4.18*	6.51	9.61	11.47	3.97*	2.66	9.18	5.38*	9.07	2.03*	9.11	6.36	10.16	3.26*	3.17*	8.70	7.21	16.75	6.96
Kerala	4.28	-10.67*	2.69*	-0.02*	7.73*	4.19	-1.82*	-0.19*	8.97	0.22*	-0.61*	3.68	6.55	3.81	4.47	20.07	6.47*	-9.94	-8.66	-0.27*	6.22	6.61	3.48
Madhya Pradesh	9.21	-3.33*	1.42*	-7.86*	16.11	5.96	4.36*	4.78	32.58	2.40*	0.19*	4.33	1.21*	-1.29	8.60	4.57*	4.27	-17.15	-20.56	8.20	2.24*	7.59	4.19
Maharashtra	5.32	-0.48*	4.83	-1.32*	6.13*	10.14	2.14*	4.07	10.11	5.79	2.81	5.23	11.89	9.15	7.70	1.94	10.22	2.37*	-1.09*	11.58	5.46	7.15	6.55
Odisha	7.29	-2.46*	1.71*	-8.99*	N.A.	-1.13*	1.25*	-9.65*	19.66	5.79	2.78*	9.11	23.45	10.84*	-6.23	N.A.	10.17	N.A.	N.A.	15.65*	N.A.	1.20*	18.06
Punjab	6.57	N.A.	9.48	6.03*	14.45	2.72*	13.00	2.88*	0.57*	10.84	3.46*	13.53	14.39	11.37	11.43	0.80*	5.12	-13.04	-15.88	10.36	7.26	4.05*	8.15
Rajasthan	8.30	-0.15*	6.14	0.70*	11.15	19.78	17.23	11.13	0.08*	1.12*	0.81*	6.77	2.13*	10.06	9.62	3.55*	19.07	8.34	1.51*	25.15	16.20	10.59	5.66
Tamil Nadu	7.01	-4.70*	8.59	6.69	7.78	3.43*	9.31	5.17	10.07	2.59	3.35	12.19	8.40	8.54	13.54	9.23	12.36	4.27*	3.81	15.98	8.95	12.04	8.62
Uttar Pradesh	9.25	0.76*	1.36*	0.83*	10.26	8.54	9.42	7.31	5.46*	-1.27*	-1.14*	5.04*	1.15*	-1.69*	7.89	11.16	9.51	1.66*	-10.29	-0.66*	-6.30	-0.90*	2.94*
Uttarakhand	16.07	N.A.	55.39	39.50	56.56	74.84	14.66	2.52*	N.A.	46.38	29.30	23.12	31.91	40.42	52.98	N.A.	30.17	24.32	14.29	74.39	N.A.	65.76	26.11
West Bengal	11.71	4.82*	1.73*	-3.27*	12.53	11.74	10.12	-5.08*	11.22	10.41	5.86*	9.38	11.83	1.97*	4.32*	4.64*	5.38*	-8.17*	-12.23	-5.36	4.00	3.98	7.83
Other states	5.90	2.58*	16.46	6.67*	2.12*	3.29*	6.76	-1.38*	7.38	6.74	6.48	9.18	14.27	7.74	3.51	2.97	17.24	5.19*	-10.13	2.04*	-3.06*	11.65	10.14
India	8.01	0.73*	6.83	2.89*	8.57	9.29	7.76	4.81	12.66	5.98	2.43	7.81	11.20	6.31	9.99	5.72	11.55	2.86	-1.67*	11.26	7.39	10.33	7.90

* Statistically insignificant at 5 percent level of significance.
Note: Please refer Table 1 for description of the industry.

vehicles, trailers and semi-trailers (34) and furniture, manufacturing n.e.c. (36). In the case of Odisha, coke, refined petroleum products and nuclear fuel (23), basic metals (27) and motor vehicles, trailers and semi-trailers (34) industries are the major contributor to the capital stock of the state's manufacturing sector. The ACGR of Assam, Bihar, Goa, Gujarat, Jharkhand, Karnataka, Maharashtra, Rajasthan and West Bengal were low, whereas Delhi, Kerala, Madhya Pradesh and Uttar Pradesh reached the bottom in the group of all states/UTs.

3.3 Industrial Location:

The location quotient (Florence, 1948) is used to measure the localisation of industry in any defined geographical area. The ratio of the percentage shares of a given industry in terms of total workers employed in the manufacturing sector of a given state to the percentage share of that particular industry at the national level to the total number of workers in the national manufacturing sector is called the 'location quotient'. The location quotient is a popular and widely used economic analysis technique to identify areas of industrial specialization relative to the nation. Symbolically,

$$\text{Location Quotient} = \frac{(ES_i/ES_m)\times 100}{(EN_i/EN_m)\times 100} \qquad \text{.............................} \quad (3)$$

where,

ES_i = Employment in the i^{th} industry of the state

ES_m = Employment in the manufacturing sector of the state

EN_i = Employment in the i^{th} industry in the national manufacturing sector

EN_m = Employment in the national manufacturing sector

If the location quotient of a given state with respect to a particular industry is more than unity, it means that the state has a large share in the distribution of that industry in the nation. It implies that the state has a greater share of employment in that particular industry than that in any other state in the nation. On the other hand, if the location quotient of a particular industry is less than unity in a given state, it implies that the state has a small share in the distribution of that industry. It reflects the changes in the relative importance of the state with respect to that industry. In other words, the location quotient explains the localisation of the particular industry in a given state. It also suggests that more industrialised states would have a wider industrial base in terms of having a larger number of industries with the value of location quotient greater than one.

Location quotients have been estimated from 1998–99 to 2011–12 for all states/UTs based on the number of workers. Table 11 represents codes of the industries located, dislocated or newly localised in any state/UTs from 1998–99 to 2011–12(See *Annexure A* for location quotients of the state for all the industries for all the years of the study). In the table, industries maintaining the location quotient

Table 11: Industry Location Quotients of the States/UTs Based on Number of Workers

States/Uts	Localized Industries*	Dislocated Industries*	Newly Localized*
Andhra Pradesh	15, 16	---	21, 24, 26, 31
Assam	15, 21, 23, 26	---	---
Bihar	20, 23, 26	19, 22	---
Chhattisgarh	27	20, 26	23, 28
Delhi	18, 19, 22, 28, 31, 32, 33	34, 35	---
Goa	24, 25, 27, 30, 32, 33, 34, 36	---	15, 22, 23,31
Gujarat	17, 24, 26, 29, 36	25, 30, 31	20, 23
Haryana	18,19, 29, 34, 35	26, 28, 30, 31, 33	20, 32
Himachal Pradesh	21, 32, 33	17, 26, 28, 29	24, 31
Jammu and Kashmir	17, 20, 27, 36	15, 26, 29	21, 24, 25
Jharkhand	23, 26, 27, 34	---	---
Karnataka	18, 21, 22, 31, 33	25, 28	30
Kerala	15, 20, 25	22, 26, 32	16, 23, 30
Madhya Pradesh	17, 21, 24, 25, 26, 31, 34	32	16
Maharashtra	22, 24, 25, 28, 29, 30, 31, 32, 34,35, 36	21, 23	27
Odisha	21, 26, 27	20, 25	16, 23
Punjab	15, 17, 28, 29, 35	25, 34	18, 26
Rajasthan	17, 26, 33, 36	25, 27	20
Tamil Nadu	17, 18, 19, 22, 34	24	28, 30
Uttar Pradesh	15, 19, 22, 30, 31, 32	25, 36	18, 26, 28
Uttarakhand	20, 21, 25, 31, 32, 33	15, 26	24, 30, 34, 35
West Bengal	17, 20, 23, 27	---	19
Other States/Uts	20, 21, 24, 25, 26, 30, 31, 36	22, 29, 33	17

*Please refer Table 1 for description of the industry.

greater than one for all the years are categorised as localised industries. Industries with location quotient less than one for later years have been categorised as dislocated industries, whereas industries with location quotient greater than one in subsequent years are called as newly localised. It was found that Delhi, Goa and Maharashtra had more localised industries for all the years. Delhi's industrial structure mostly comprised leather products, publishing printing and reproduction of recorded media, metal and machinery whereas in Goa petroleum products, chemicals, metals, instruments and automobile-related industries were located. Industries localised in Maharashtra were those related to paper, metal, chemicals, rubber and plastic products, machinery, instruments and automobiles. Recently, Andhra Pradesh, Haryana, Jammu and Kashmir, Kerala, Uttar Pradesh and Uttarakhand displayed higher localisation of industries related to chemicals, electronic machinery and automobiles whereas large number of industries were dislocated from Haryana, Gujarat, Himachal Pradesh, Kerala, Uttar Pradesh and Jammu and Kashmir. Thus, it could be inferred that these states experienced a change in their industrial structure over these years.

3.4 Concentration of Industries in the State:

The Hirschman–Herfindahl Index (HHI) has been constructed for the manufacturing sector to examine the concentration of industries at the two-digit level of classification of industries in all states/UTs. HHI is the measure of the size of the industries in relation to the manufacturing sector and indicates the degree of competition among industries as it entails the market position of a firm. It is calculated by squaring the percentage share of each industry in the manufacturing sector of the state and then summing the resultant numbers across industries.

$$\mathrm{HHI} = \frac{\sum_{i=1}^{n} P_i^2}{100} \qquad \text{......................... (4)}$$

where,

P_i = Percentage share of i^{th} industry in the manufacturing sector of the state.

A higher value of HHI implies that industry is enjoying a near monopoly position *i.e.,* the sector has a very few large industries, whereas a lower value suggests competition among the industries. The highest value of HHI is 100 which implies that there is only one industry in the state *i.e.,* monopoly. Any decrease in the value of the index implies that there is a rise in the competition among industries in the state. The HHI indicates whether the manufacturing sector of the state is concentrated within a few industries or it has a broad base of different industries. The HHI has been constructed using the data for number of workers, value of output and gross value added for all industries in the manufacturing sector of all states/UTs over the period from 1998–99 to 2011–12. Generally, the size of the industry is measured in terms of employment but, with rising capital intensity, we preferred to use other additional variables such as value of output, gross value added and capital (Table 12). Maharashtra, Tamil Nadu and Uttar Pradesh manifested the least level of concentration of industries, implying a broad industrial base for all the years in the manufacturing sector. On the contrary, Assam, Bihar, Chhattisgarh, Jharkhand and Odisha exhibited a high degree of concentration with respect to all variables. From 1998–99 to 2011–12, Uttarakhand experienced drastic depletion in the concentration of industries, considering all variables in the sector. In addition, Assam, Gujarat, Uttar Pradesh, Punjab and Rajasthan also moved towards a broad industrial base. Andhra Pradesh, Bihar, Chhattisgarh, Goa, Haryana, Jammu and Kashmir and Jharkhand exhibited differential results wherein the concentration of industries was increasing with respect to value of output and capital, whereas decreasing with respect to number of workers and gross value added. Delhi and Himachal Pradesh did not indicate major shifts in their industrial concentration over the period, though indicating increasing trend for some variables. Odisha and Other States/UTs are the only states which registered increase in the HHI, implying diminution in the industrial base of these states.

3.5 Factor Intensities:

According to Lary (1968), the ratio of value added to the number of workers is a composite index of the amount of human and physical capital embodied in the production of a good. The use of this measure contrasts with the usual reliance on the

Table 12: HHI of the Organised Manufacturing Sector with respect to No. of Workers (NW), Value of Output (VO) and Gross Value Added (GVA) and Capital

States/UTs	VARIABLE	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Andhra Pradesh	NW	26.86	26.29	24.79	21.99	20.24	23.39	20.72	18.45	17.62	16.02	16.30	15.27	13.31	13.76
	VO	14.19	14.25	12.56	13.41	18.63	13.03	13.74	11.92	13.40	11.12	12.35	10.96	12.91	13.21
	GVA	10.95	11.53	9.46	11.09	10.17	10.09	10.96	9.60	10.87	10.51	14.59	11.49	10.68	13.60
	Capital	10.50	9.86	9.55	9.40	10.15	9.33	9.80	9.16	9.22	9.07	9.85	10.09	9.71	23.08
Assam	NW	51.36	51.18	51.14	45.01	43.69	41.75	39.53	38.70	36.72	33.98	33.92	35.89	34.94	33.32
	VO	38.93	40.36	39.26	35.71	30.45	32.42	33.53	36.32	32.97	34.41	31.40	30.54	26.06	23.36
	GVA	37.66	36.53	32.40	29.70	26.88	32.48	24.20	25.20	20.66	20.18	24.42	21.94	22.62	18.57
	Capital	20.55	22.61	27.09	19.64	25.14	26.32	25.30	24.38	22.35	20.40	18.07	21.36	18.12	32.42
Bihar	NW	20.46	19.51	21.12	23.26	22.26	25.51	29.29	31.65	33.00	34.49	32.13	35.30	43.31	42.52
	VO	22.71	31.52	29.14	30.69	34.93	37.76	48.33	46.57	46.95	47.83	50.63	36.25	36.37	34.22
	GVA	30.31	22.61	20.72	21.11	20.24	17.45	20.40	32.41	33.78	24.01	20.78	16.01	24.51	18.26
	Capital	16.32	15.20	18.58	20.55	28.76	27.54	30.61	25.82	24.52	23.81	21.92	20.05	20.13	33.15
Chattisgarh	NW	33.97	33.84	35.14	35.48	33.79	32.17	28.27	30.02	33.58	39.16	32.69	38.57	33.68	37.11
	VO	45.34	38.61	48.15	46.70	51.03	54.60	53.12	58.14	60.71	59.21	50.71	57.90	60.22	62.07
	GVA	70.01	53.83	57.11	72.67	75.41	76.49	78.19	73.27	71.15	66.97	58.36	60.89	69.18	69.49
	Capital	33.48	32.74	32.32	29.92	32.89	32.90	36.35	40.24	39.98	38.51	38.43	41.48	38.69	65.17
Delhi	NW	9.18	9.43	10.80	12.99	14.44	15.43	16.23	15.61	14.95	13.72	16.11	13.05	14.75	13.03
	VO	13.65	14.76	13.82	14.11	15.86	13.35	12.39	13.59	11.05	12.32	13.96	12.61	15.81	18.19
	GVA	17.90	16.99	17.02	14.52	13.85	13.41	11.69	14.51	11.38	13.20	14.30	12.85	13.75	15.73
	Capital	8.60	9.63	8.35	8.82	9.20	8.56	8.31	8.05	7.58	7.72	7.99	8.79	10.83	14.87
Goa	NW	10.29	10.84	12.72	12.22	12.67	12.54	14.75	12.00	12.18	12.60	12.20	14.08	12.50	16.33
	VO	17.19	19.45	18.47	19.11	19.28	18.82	19.80	18.33	18.55	17.25	27.10	17.05	20.55	24.61
	GVA	18.18	20.07	17.40	23.55	25.32	20.81	25.96	18.63	20.25	19.34	32.54	21.40	20.58	25.51
	Capital	9.47	10.22	10.29	10.46	10.93	11.99	13.49	11.33	12.43	11.90	12.62	12.34	10.96	25.54
Gujarat	NW	13.18	14.37	14.96	13.10	12.81	12.85	12.35	11.53	11.25	10.98	10.57	10.85	11.39	10.96
	VO	18.57	18.72	19.93	17.15	15.93	16.97	15.42	14.36	13.43	13.08	15.45	13.43	14.80	14.84
	GVA	33.20	25.58	25.64	19.88	18.62	20.77	18.56	18.87	16.77	15.07	19.69	13.16	16.86	17.12
	Capital	15.00	15.14	16.19	17.26	16.22	15.66	14.23	15.22	14.06	12.70	12.31	15.02	13.27	18.33
Haryana	NW	17.90	8.59	8.73	8.36	8.49	8.68	9.77	10.41	9.95	11.27	10.67	10.70	11.51	10.83
	VO	11.08	11.25	10.44	11.12	10.46	12.70	13.91	13.75	13.03	13.90	14.85	14.65	16.21	14.55
	GVA	11.40	9.99	9.54	10.93	10.67	13.10	13.26	14.03	14.09	13.96	13.42	14.34	10.84	12.68
	Capital	7.30	7.92	8.18	7.89	7.27	7.56	7.85	8.00	7.71	8.98	9.70	9.07	9.34	12.03
Himachal Pradesh	NW	17.03	19.45	20.18	19.57	17.50	16.88	14.13	12.61	13.39	13.51	13.00	13.25	14.16	12.49
	VO	12.48	12.79	13.84	14.08	14.51	14.67	11.70	14.74	14.98	15.88	21.72	12.52	17.65	18.78
	GVA	14.78	18.25	19.39	16.26	16.50	15.40	13.76	25.39	25.50	27.65	39.22	19.50	27.60	39.11
	Capital	11.23	10.72	10.89	11.96	10.12	10.15	9.19	11.54	10.80	11.01	14.11	10.34	10.19	17.06
Jammu and Kashmir	NW	20.43	20.51	19.57	15.42	15.27	18.18	12.02	12.55	12.87	13.30	12.71	12.99	14.32	17.77
	VO	26.46	23.25	20.76	17.44	17.15	16.71	13.27	19.77	22.15	24.32	37.87	18.56	26.69	24.61
	GVA	23.52	22.35	18.30	14.85	14.24	14.37	19.96	21.26	26.83	32.65	59.41	30.94	37.13	39.69
	Capital	15.75	16.72	15.35	13.98	14.05	14.19	11.48	11.22	11.80	11.83	11.14	10.51	12.47	19.50
Jharkhand	NW	29.55	32.62	29.18	26.93	28.63	29.68	27.93	30.99	31.77	31.94	28.24	24.20	24.21	21.42
	VO	49.61	47.26	46.16	43.22	45.32	41.08	40.91	39.88	37.08	38.36	33.16	33.14	40.59	33.16
	GVA	68.18	67.82	74.11	51.51	67.74	57.82	48.76	59.80	47.17	62.68	50.75	32.34	63.07	28.84
	Capital	35.58	32.95	34.11	34.01	33.31	33.53	32.92	33.13	33.59	31.22	28.50	32.65	31.30	57.70
Karnataka	NW	10.79	11.40	12.29	12.85	13.67	15.18	15.55	16.77	17.21	16.48	16.84	16.04	14.15	17.75
	VO	7.49	7.67	7.28	7.33	7.59	7.09	6.89	7.57	7.24	7.25	7.51	7.64	8.76	12.81
	GVA	8.09	7.39	6.78	7.01	7.30	6.97	7.25	8.03	8.88	8.00	7.65	7.52	8.72	36.46
	Capital	12.81	8.85	8.41	8.19	8.15	7.76	7.49	7.65	7.54	8.55	9.03	11.12	8.58	14.19

Table 12: (Contd...)

States/UTs	VARIABLE	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Kerala	NW	26.75	29.07	31.10	29.78	27.08	30.69	29.67	29.53	28.00	29.67	27.60	27.77	26.57	30.60
	VO	13.89	15.16	15.42	14.21	15.40	15.51	15.86	14.36	14.35	16.18	14.05	40.07	14.44	16.42
	GVA	10.35	12.85	11.80	11.03	11.12	11.08	10.96	9.97	12.13	9.10	10.89	17.53	11.08	12.58
	Capital	10.88	11.69	11.63	10.62	11.50	10.78	11.06	10.89	10.73	12.22	10.04	12.45	11.87	17.39
Madhya Pradesh	NW	19.66	11.34	11.10	10.38	10.71	9.83	9.37	8.88	9.44	9.03	9.30	8.19	8.75	9.07
	VO	12.80	13.06	14.07	15.49	14.19	14.99	12.95	12.35	15.18	16.65	15.79	11.92	13.58	16.50
	GVA	11.94	11.42	13.12	12.03	12.27	11.61	12.33	12.82	13.68	14.53	14.22	12.72	11.76	13.04
	Capital	10.34	9.10	9.18	9.33	9.58	9.68	9.65	9.33	9.91	9.57	10.15	9.90	9.80	13.42
Maharashtra	NW	8.94	8.37	8.88	8.79	8.69	8.16	7.70	7.84	7.44	7.94	7.59	7.66	7.75	7.84
	VO	10.02	8.30	9.06	8.94	8.64	8.13	10.31	8.26	7.75	7.77	8.61	7.34	8.34	9.04
	GVA	13.26	9.60	9.75	9.13	8.63	8.75	8.27	9.88	8.56	8.75	9.93	7.44	8.42	10.24
	Capital	7.42	6.78	7.47	7.65	7.50	7.86	7.36	7.65	7.20	7.13	7.28	6.97	7.33	9.57
Odisha	NW	16.13	17.86	19.39	20.64	19.46	19.29	19.34	23.00	25.13	30.73	36.44	39.47	41.91	39.89
	VO	27.66	28.96	26.92	27.52	30.60	32.45	35.02	32.85	37.06	38.83	31.63	38.79	50.34	50.55
	GVA	53.48	51.92	45.71	38.05	50.85	54.43	66.63	59.29	69.61	56.33	46.67	40.08	58.30	57.17
	Capital	25.88	24.96	19.37	21.60	26.58	24.99	26.55	28.27	30.89	34.69	35.56	41.03	42.52	80.34
Punjab	NW	15.65	14.21	14.73	15.00	13.95	13.92	14.15	12.54	12.94	13.10	11.43	11.19	11.35	11.45
	VO	15.87	15.30	14.94	13.55	12.27	12.82	13.13	12.95	13.39	15.30	12.85	11.42	13.00	13.08
	GVA	14.64	15.10	16.21	15.00	13.62	14.80	13.37	13.54	16.10	21.32	14.15	10.17	17.94	26.55
	Capital	11.93	12.42	10.17	10.48	9.05	10.37	9.96	9.67	10.70	10.96	10.81	9.97	11.01	15.30
Rajasthan	NW	16.93	19.10	16.64	17.04	16.75	17.04	15.94	14.76	14.85	13.78	14.05	13.07	12.83	11.83
	VO	12.88	15.73	13.96	13.39	13.23	12.56	12.12	11.96	11.61	11.64	10.82	9.94	10.78	11.02
	GVA	11.72	17.73	14.81	14.85	13.24	12.02	13.44	12.55	13.46	14.34	16.58	11.24	12.18	14.61
	Capital	10.45	16.77	11.47	10.80	10.74	10.52	10.39	9.97	10.81	10.46	9.73	9.08	10.17	12.41
Tamil Nadu	NW	12.75	13.50	13.45	13.09	13.38	14.32	13.96	13.99	17.53	12.22	11.75	10.87	10.36	9.91
	VO	10.71	11.36	10.52	10.30	10.69	10.50	10.62	10.31	12.03	10.20	8.87	8.95	9.36	10.15
	GVA	9.99	10.58	9.95	9.34	10.65	10.20	10.80	10.91	11.97	9.91	9.12	9.32	9.91	9.83
	Capital	7.39	7.51	6.94	6.72	6.79	7.08	7.21	7.51	8.67	7.07	6.76	6.69	6.77	9.43
Uttar Pradesh	NW	12.51	12.96	12.24	12.32	12.17	11.74	11.01	10.45	9.78	10.05	9.51	9.26	8.63	8.60
	VO	10.26	10.48	10.62	10.96	10.50	10.43	10.90	11.34	9.38	9.85	8.96	8.76	9.93	10.73
	GVA	9.95	9.50	9.04	9.10	9.16	8.53	8.08	8.94	8.48	7.16	8.21	7.01	8.87	7.61
	Capital	10.72	8.12	8.55	9.00	9.34	9.08	9.08	9.57	11.14	11.36	10.95	11.37	11.54	14.03
Uttarakhand	NW	18.94	17.49	13.65	12.91	15.23	15.49	12.93	11.23	11.62	10.56	11.16	9.89	9.52	10.04
	VO	22.56	18.53	14.28	14.99	15.77	15.64	13.14	11.68	12.12	8.89	16.95	8.93	8.71	10.04
	GVA	19.30	17.99	15.70	12.83	14.74	15.43	16.71	13.07	16.63	10.30	23.84	10.26	10.72	10.65
	Capital	13.93	14.27	11.11	11.51	11.84	11.91	10.81	9.60	8.56	6.85	7.37	7.16	7.12	9.51
West Bengal	NW	18.45	19.38	22.86	20.67	21.90	21.66	22.68	21.18	19.26	22.10	17.48	16.10	15.90	15.29
	VO	8.78	10.79	10.87	12.91	11.72	11.18	12.50	12.20	12.43	12.25	13.34	12.30	15.84	16.09
	GVA	10.15	13.07	12.22	13.34	12.66	12.89	13.57	11.01	11.03	13.62	12.12	12.26	10.02	14.29
	Capital	7.17	9.70	10.09	12.18	11.61	11.24	11.02	11.16	11.95	11.89	12.45	12.25	10.16	17.47
Other states	NW	8.92	9.07	9.94	11.56	10.62	10.38	10.54	10.19	10.51	10.57	10.48	10.92	11.26	11.27
	VO	10.49	11.90	13.65	12.02	12.03	11.87	13.37	12.74	13.26	13.04	12.59	13.10	13.63	14.24
	GVA	10.64	11.27	12.43	13.06	14.42	11.72	13.02	17.65	11.59	13.83	11.09	12.18	11.18	11.30
	Capital	8.86	7.82	11.42	9.75	9.35	8.93	9.03	8.69	9.76	9.90	10.29	10.63	11.70	18.82
India	NW	9.37	9.51	9.62	9.44	9.19	9.23	8.96	8.69	8.71	8.21	8.00	7.78	7.63	7.63
	VO	9.17	9.03	9.12	8.79	8.64	8.32	8.19	7.85	7.89	7.80	8.30	7.05	8.59	9.12
	GVA	9.59	9.31	8.77	8.25	8.17	8.11	8.50	7.68	7.72	7.75	8.57	7.06	8.10	10.02
	Capital	8.23	7.77	7.88	8.10	7.86	8.01	7.86	7.99	7.86	7.73	7.76	7.90	8.02	11.89

Note: NW = Number of Workers, VO = Value of Output and GVA = Gross Value Added.

stock of capital as a measure of capital intensity. The value added per employee index for factor intensity simply implies that labour productivity is a composite index of the contributions of capital and labour (Burange, 1999). Lary's method is based upon two assumptions:

1. The inter-industry differences in wages are assumed to reflect differences in their requirements of skilled labour.
2. The inter-industry differences in the non-wage value added per employee are assumed to reflect differences in respect of capital invested.

Though affected by various market imperfections, there are two advantages of value added per employee as a criterion of capital intensity:

1. Being a flow rather than a stock, it appropriately applies to the notion of factor inputs into production, and, therefore, it is more relevant to the theory of the production function.
2. It bypasses the difficulty of measuring the stock of capital.

Therefore, the value added per employee can be used as a reasonably good measure of the factor intensity of different industries. Industries can be classified into labour intensive and capital intensive depending on whether the ratio is lower or higher than the average of the manufacturing sector of the state. A higher value indicates a higher capital intensity of the industry, whereas lower value depicts labour intensity for the industry. Following this criterion, value added per employee has been computed as the ratio of gross value added to the number of workers for the manufacturing sector of all states/UTs for 1998–99 to 2011–12 (Table 13). There are some industries in some states where the net value added is negative, resulting into negative gross value added for some years. For such industries, Lary index has been ignored for these states (Annexure B).

As shown in Table 13, Andhra Pradesh, Kerala, Tamil Nadu and West Bengal demonstrated use of capital-intensive techniques in a larger number of industries in 1998–99. These states were joined by Karnataka in 2004–05 in which many industries adopted capital-intensive techniques and continued to do so in 2011–12. Andhra Pradesh, a state with a relatively higher share with respect to employment showed a large number of capital-intensive industries in 1998–99 and 2004–05. However, a few

Table 13: Capital Intensive Industries based on Lary's Index (Industrial Codes)

States/UTs	1998-99	2004-05	2011-12
Andhra Pradesh	17, 19, 21, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35	21, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35	21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33, 35, 36
Assam	21, 23, 27, 31	16, 21, 23, 24, 25, 31, 32	16, 20, 22, 23, 24, 27, 31, 36
Bihar	15, 16, 22, 23, 25, 35	15, 16, 21, 23, 25, 31	16, 18, 21, 23, 24, 25, 29, 31, 36
Chhattisgarh	27, 36	27	24, 26, 27, 29, 30, 31, 36
Delhi	15, 18, 21, 22, 32	15, 21, 22, 24, 30, 31, 32, 35, 36	15, 24, 30, 32, 34
Goa	22, 24, 25, 30, 31	17, 23, 24, 25, 30	25, 27
Gujarat	19, 23, 24, 30, 32	23, 24, 27, 32	15, 19, 23, 24, 29, 32, 35
Haryana	23, 24, 25, 27, 29, 30, 31, 32, 33, 34	24, 25, 27, 30, 32, 34, 35, 36	21, 24, 27, 29, 30, 31, 32, 34, 35
Himachal Pradesh	16, 24, 25, 26, 29, 30, 31	22, 24, 25, 26, 30, 31, 32, 35	24, 30, 35
Jammu and Kashmir	15, 26, 28	18, 24, 25, 31	24, 31
Jharkhand	27, 31	27, 34	15, 23, 24, 27, 28, 29, 30, 34
Karnataka	16, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33	16, 23, 24, 26, 27, 29, 30, 31, 32, 33, 34, 35	23, 27, 32, 33
Kerala	19, 21, 22, 23, 24, 25, 27, 28, 29, 31, 32, 33, 35	17, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 35	19, 21, 22, 23, 24, 25, 26, 27, 30, 31, 32, 33, 34, 35, 36
Madhya Pradesh	15, 19, 23, 24, 25, 26, 28, 31, 32, 35	17, 24, 25, 26, 31, 32, 34	15, 24, 26, 29, 30, 31, 34
Maharashtra	23, 24, 29, 30, 32, 33, 34, 35	23, 24, 25, 27, 29, 30, 31, 32, 34, 35	23, 24, 29, 31, 32, 33, 35
Odisha	18, 25, 26, 27, 31	27, 32	22, 23, 24, 27
Punjab	15, 21, 24, 29, 32, 36	17, 21, 24, 27, 28, 29, 32, 34	22, 24, 29
Rajasthan	18, 23 24, 25, 27, 28, 29, 30, 32, 33, 35	20, 24, 25, 26, 27, 29, 30, 32, 33, 34, 35	22, 24, 32, 34, 35
Tamil Nadu	21, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35	21, 23, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35	23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36
Uttar Pradesh	16, 24, 27, 30, 31, 32, 34, 35	16, 24, 25, 26, 27, 30, 31, 32, 33, 34	16, 22, 23, 24, 25, 27, 29, 32, 33, 34
Uttarakhand	24, 25, 31, 36	17, 19, 24, 25, 29, 31, 32	15, 24, 27, 29, 32, 33, 35
West Bengal	16, 19, 22, 23, 24, 25, 26, 28, 31, 32, 33, 35, 36	16, 18, 22, 23, 24, 26, 27, 28, 30, 31, 32, 33, 35, 36	18, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33
Other States/UTs	16, 17, 23, 24, 29, 30, 31, 32, 33	23, 24, 27, 30, 31, 32	15, 23, 24, 27, 29, 30, 31, 32
All India	22, 23, 24, 25, 27, 29, 30, 31, 32, 33, 34	23, 24, 25, 27, 29, 30, 31, 32, 33, 34, 35	23, 24, 27, 29, 30, 31, 32, 33, 34, 35

Notes: (1) Please see Annexure B for state-wise Lary's Index for all industries for all the years of the study
(2) Please refer Table 1 for description of the industry.

industries shifted to labour-intensive technologies in 2011–12. On the other hand, Chhattisgarh, Jharkhand and Jammu and Kashmir indicated the use of labour-intensive techniques over the years. Uttarakhand experienced a plunge in labour-intensive industries from 2004–05 onwards and a surge in capital-intensive industries. Assam, Delhi, Gujarat, Maharashtra, Punjab, Uttar Pradesh and Tamil Nadu showed an increasing trend in capital-intensive industries, whereas industries in Madhya Pradesh, Odisha and Punjab employed labour-intensive techniques for the production process.

When the Lary's index for the manufacturing sector of all states was compared to the Indian manufacturing sector it is revealed that Chhattisgarh, Goa, Gujarat, Himachal Pradesh, Jharkhand, Madhya Pradesh, Maharashtra, Odisha and Other States/UTs were more capital-intensive than the national manufacturing sector for all the years (Table 14). In Uttarakhand, the factor intensity of the manufacturing sector shifted to capital-intensive techniques only from 2000–01. Jharkhand and Goa had higher values of indices among all the states. Thus, the sector within these states was

Table 14: Lary's Index of the Manufacturing Sector of States/UTs

State/UTs	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Andhra Pradesh	1.05	1.07	1.03	1.18	1.09	1.42	1.44	1.48	2.04	2.14	2.56	2.10	2.29	2.58
Assam	1.26	1.32	1.03	0.81	1.86	2.04	1.89	1.56	1.58	1.52	1.43	1.71	1.82	1.84
Bihar	1.05	1.41	1.08	0.89	1.28	0.93	1.04	0.71	0.66	1.02	1.77	1.37	1.61	1.34
Chattisgarh	3.80	2.86	3.28	3.26	4.40	4.99	6.02	4.39	5.60	5.72	5.34	5.35	5.10	4.57
Delhi	2.48	2.89	2.12	2.35	2.39	2.01	2.26	2.19	2.40	2.68	2.68	2.97	3.42	3.11
Goa	5.60	5.38	5.73	6.30	5.83	6.86	7.34	7.76	7.17	6.39	8.14	7.58	8.76	12.35
Gujarat	2.84	3.08	2.87	3.06	3.63	4.00	3.99	4.36	3.95	4.43	4.40	5.33	4.42	4.04
Haryana	1.81	2.84	2.45	2.84	3.02	3.31	3.35	3.28	3.24	3.03	3.69	4.15	3.24	3.69
Himachal Pradesh	3.34	3.42	3.91	4.44	4.96	4.47	4.83	8.65	8.66	7.76	9.68	6.95	7.27	8.26
Jammu and Kashmir	0.74	0.97	0.79	0.80	0.81	0.66	1.64	1.97	2.79	3.53	4.87	3.12	3.34	3.69
Jharkhand	4.30	3.82	2.60	2.49	4.28	4.91	7.68	5.47	4.65	7.64	4.71	6.25	7.34	5.56
Karnataka	2.19	2.04	2.10	2.29	2.63	2.80	3.19	2.94	3.46	3.72	3.68	3.47	3.50	6.62
Kerala	1.51	1.14	1.10	1.04	1.18	1.01	0.96	1.04	0.91	1.10	1.34	1.23	1.31	1.34
Madhya Pradesh	2.14	2.77	2.78	3.29	2.92	2.76	2.80	3.03	4.21	4.31	4.72	4.00	4.06	4.00
Maharashtra	3.42	3.63	3.24	3.01	3.29	3.92	4.30	5.17	5.35	6.21	6.03	6.02	5.81	5.31
Odisha	2.27	2.45	2.20	2.13	2.53	2.71	3.17	3.35	3.74	4.48	4.29	3.88	4.09	4.08
Punjab	1.76	1.93	1.38	1.71	1.69	1.61	1.42	1.42	1.76	2.11	1.89	1.96	2.29	3.33
Rajasthan	2.04	2.97	2.70	2.54	2.30	2.32	2.47	2.61	3.60	2.90	3.88	4.14	3.00	4.96
Tamil Nadu	1.40	1.55	1.58	1.42	1.46	1.66	1.62	1.86	2.01	2.08	1.93	2.57	2.46	2.51
Uttar Pradesh	2.22	2.20	2.29	2.49	2.69	2.62	2.64	2.58	3.05	2.84	2.83	3.36	3.88	2.82
Uttarakhand	1.40	1.85	2.78	2.62	3.86	4.21	4.06	4.25	4.33	4.98	12.31	5.67	5.75	5.33
West Bengal	1.08	1.15	1.12	1.26	1.39	1.47	1.70	1.52	1.76	1.99	1.91	2.18	2.11	1.90

Other States/UTs	3.97	4.05	3.86	4.06	4.06	4.35	4.61	6.16	5.00	5.42	5.05	4.56	3.83	3.82
All India	**2.09**	**2.25**	**2.07**	**2.13**	**2.33**	**2.56**	**2.73**	**2.91**	**3.14**	**3.41**	**3.61**	**3.64**	**3.55**	**3.76**

more capital-intensive. In the case of Jharkhand, this fact is justified by the negative growth rate of employment in the manufacturing sector of the state. The manufacture of basic metals (27) was responsible for the highest capital intensity of Jharkhand. In all these states, the manufacture of chemicals and chemical products (24), rubber and plastic products (25), other non-metallic mineral products (26), basic metals (27) and electrical machinery and apparatus n.e.c (31) are capital-intensive over the years compared to India. Surprisingly, food products and beverages (15) applied capital-intensive technology for the production in Goa. Maharashtra has 10 industries using capital-intensive techniques pertaining to petroleum products, chemicals, rubber and plastic products, machinery and automobiles. This has been clearly depicted in the growth rate of employment, which is below the national average. It is mainly due to the adoption of more capital-intensive production techniques in the manufacturing sector. In the case of Tamil Nadu, capital-intensity of the manufacturing sector is lower than the national average, and thus the employment growth in Tamil Nadu is higher compared to other states such as Maharashtra, Gujarat and Karnataka.

3.6 Workers per Factory Unit Scenario:

We estimated the number of workers per factory unit in each industry for all states/UTs for all the years as well as for the national manufacturing sector to assess the size of the factory unit in the industry. It gives an idea regarding the size of the factory in the industry. The number of workers per factory unit is the ratio of number of workers and number of factories for each industry in the manufacturing sector (Table 15). Bihar, Delhi, Gujarat, Maharashtra, Punjab, Rajasthan and Other States/UTs registered the number of workers per factory unit below the national average. Although Gujarat and Maharashtra are below the national average, the number of workers per factory unit increased over the years due to a decline in the number of factories within these states. In Gujarat, the number of workers per factory unit has increased in textiles (17), coke, refined petroleum products and nuclear fuel (23), radio, TV and communication equipment and apparatus (32), other transport equipment (35), furniture; manufacturing n.e.c. (36), whereas tobacco products (16), radio, TV and communication equipment and apparatus (32), motor vehicles, trailers and semi-trailers (34) and other transport equipment (35) showed similar trend in

Table 15: Number of Workers per factory Unit in the Manufacturing Sector

State/UTs	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12
Andhra Pradesh	55.67	61.11	56.64	54.83	61.73	50.77	51.99	53.89	54.54	53.55	55.85	57.03	40.25	41.07
Assam	67.95	59.5	65.92	67.41	62.2	62.76	60.76	60.74	60.7	62.26	58.97	57.99	51.96	51.39
Bihar	35.67	38.19	34.89	37.46	33.68	33.93	32.34	36.43	36.53	37.5	37.82	40.21	34.33	35.19
Chhattisgarh	59.98	58.85	52.91	51.1	51.71	56.23	58.78	57.75	60.15	64.19	67.22	58.69	57.62	56.31
Delhi	23.82	23.96	23.68	23.42	25.49	25.27	26.11	26.93	27.81	27.98	29.65	29.39	19.45	19.59
Goa	44.23	44.31	40.7	41.11	45.22	46.01	55.01	55.36	63.28	73.55	79.11	76.32	62.43	78.09
Gujarat	39.51	41.88	40.33	38.4	40.44	42.81	45.23	47.98	53.23	54.39	60.43	58.97	47.99	49.51
Haryana	74.79	50.68	49.67	47.86	51.56	56.14	62.94	72.18	77.13	87.52	86.23	101.74	72.45	72.08
Himachal Pradesh	60.04	61.87	59.28	53.26	50.25	52.58	52.14	53.74	62.4	62.57	65.52	64.89	54.49	47.03
Jammu and Kashmir	54.48	51.68	51.17	57.03	57.6	65.11	58.46	63.05	60.84	62.4	69.84	70.86	56.02	62.82
Jharkhand	110.65	117.5	94.51	89.63	89.79	79.79	76.2	74.06	74.55	76.75	69.77	53.83	52.36	53.37
Karnataka	57.77	54.82	53.47	54.6	55.42	57.9	59.35	67.12	74.13	70.83	74.36	72.46	59.97	64.96
Kerala	50.22	54.21	55.22	54.75	49.38	50.73	51.01	52.5	54.72	56.61	58.36	55.08	49.16	49.33
Madhya Pradesh	70.17	62.93	61.74	54.55	54.86	56.12	58.08	59.63	61.55	65.75	64.15	63.5	61.83	60.20
Maharashtra	42.96	45.59	45.15	46.79	48.28	45.4	44.2	48.37	55.59	53.45	51.99	56.32	44.72	48.10
Odisha	64.33	64.39	61.04	53.77	56.99	60.14	68.76	61.07	67.6	82.17	93.76	94.38	92.29	85.30
Punjab	37.05	39.21	39.84	38.19	40.56	39.22	41.42	42.49	43.64	43.32	43.49	44.76	38.39	38.75
Rajasthan	37.35	35.82	35.34	34.56	36.06	36.22	36.84	38.68	40.52	44.76	44.21	45.8	41.86	42.99
Tamil Nadu	46.38	45.47	46.56	49.33	49.04	48.79	51.71	54.58	59.29	63.51	58.16	59.75	44.84	44.57
Uttar Pradesh	45.84	43.86	44.17	44.66	48.46	50.82	50.59	50.97	52.95	58.9	56.49	57.73	48.73	51.13
Uttarakhand	53.49	44.86	40.06	40.25	40.39	42.04	47.9	62.08	63.55	67.4	93.25	81.99	87.05	97.64
West Bengal	98.03	74.84	77.46	72.14	73.02	71.7	71.21	71.99	71.29	74.3	76.11	71.76	65.16	66.50
Other States/UTs	31.85	33.67	32.39	34.36	38.1	37.61	36.86	42.07	48.71	51.77	53.36	62.85	51.31	50.19
All India	**49.88**	**49.06**	**48.23**	**47.86**	**49.68**	**48.75**	**49.93**	**52.59**	**56.24**	**58.02**	**58.63**	**59.73**	**48.35**	**49.58**

Maharashtra (Annexure C). The results indicate that the average has declined for Andhra Pradesh, Jharkhand, Kerala, Tamil Nadu and West Bengal, which exhibited lower number of workers per unit due to more increase in the factory units than workers, except for West Bengal where employment has decreased and factories have increased especially in textiles (17), basic metals (27), machinery and equipment n.e.c. (29), radio, TV and communication equipment and apparatus (32), motor vehicles, trailers and semi-trailers (34) and other transport equipment (35). It implies that the average size of factory unit in the industries in the manufacturing sector of these states has decreased. Similarly, Chhattisgarh, Jammu and Kashmir, Madhya Pradesh, Odisha and Other States/UTs experienced increase in the average of number of workers per factory unit. It explains that the average size of the factory unit is increasing in the industries of the manufacturing sector of these states. Uttarakhand demonstrated rising average number of workers, especially for the later years in the manufacture of textiles (17), chemicals and chemical products (24), rubber and plastics products (25), basic metals (27), electrical machinery and apparatus n.e.c. (31), motor vehicles, trailers and semi-trailers (34) and other transport equipment (35). From the overall results, it could be envisaged that the increase in average number of workers per factory unit must not necessarily be from new factories, however, it may be due to the expansion of existing industries.

At the disaggregated level of two-digit industrial classification, it is found that a few industries within the organised manufacturing sector of the states indicated higher number of workers per factory unit than the national average (Annexure C), especially, industries such as textiles (17), wearing apparel, dressing and dyeing of fur (18), coke, refined petroleum products and nuclear fuel (23), basic metals (27), radio, TV and communication equipment and apparatus (32), motor vehicles, trailers and semi-trailers (34) and other transport equipment (35). The nature of these industries is capital intensive, according to Lary index (Table 13). However, the employment growth rate is positive for such industries in the organised manufacturing sector of some of the states. For instance, in Gujarat, coke, refined petroleum products and nuclear fuel (23), which depicts greater number of workers per factory unit than the national average, is capital-intensive in nature and the growth rate of employment is 18.32 percent (Table 7). Similar scenario has been observed for Odisha, Tamil Nadu, Uttar Pradesh and West Bengal. In Odisha and West Bengal, basic metals (27) indicated high number of workers per factory unit. However, basic metals (27) is using capital-intensive technique as per the Lary index but the growth rate of employment of this industry is 13.53 and 2.01 percent in Odisha and West Bengal, respectively. Same is the case of motor vehicles, trailers and semi-trailers (34) in Tamil Nadu and Uttar Pradesh, which recorded employment growth rate of 13.06 and 7.39 percent, respectively, and have used capital-intensive techniques. It, thus, does not imply that the size of the factories in these industries is large, but one may think that there is a change in working of factories from single shift to two shifts or from two to three shifts.

4 MAJOR FINDINGS

a) Tamil Nadu had the largest share in the manufacturing sector of India followed by Maharashtra and Andhra Pradesh in terms of number of workers. The share of Maharashtra and Andhra Pradesh declined from 1998–99 to 2011–12, whereas Tamil Nadu registered a rise in the share. This increase could be attributed to the successful implementation of the industrial policy of Tamil Nadu from 2007, which aimed at generating 2 million jobs by 2011 (Govt. of Tamil Nadu, 2007). Also, strong steps were undertaken to build industrial infrastructure. In contrast, Maharashtra and Andhra Pradesh experienced a downfall in the employment rate over this period.

b) The highest share in the value of output at constant prices (1993–94 = 100) was enjoyed by Maharashtra, while Gujarat and Tamil Nadu attained the second and third positions, respectively. However, Maharashtra registered a decline in the share of the value of output by 2.92 percentage points from 1998–99 to 2011–12. On the other hand, the share of Gujarat and Tamil Nadu increased by 0.36 and 1.50 percentage points, respectively. Thus, it could be envisaged that in the coming years, Gujarat or Tamil Nadu may overtake Maharashtra in the share of value of output. A few other upcoming states such as Uttarakhand and Himachal Pradesh showcased an impressive rise in the share in the value of output, but their shares are too small.

c) An enhanced performance of Tamil Nadu is due to the industrial policy adopted by the state in 2007. Through this policy, the government of Tamil Nadu focused on stimulating industrial development, attracting investment and facilitating new manufacturing capacity and enabling global manufacturing competence and competitiveness of local industry. The policy also aimed at developing an efficient and dependable industrial infrastructure, sanctioned 10,000 acres of land for industrial parks, especially in the backward regions of the state, establishing nano-technology parks, various incentives such as power tariff subsidy, exemption from electricity tax to all new industrial units and concentration on specific industry categories such as leather and electronic machinery industries by allotting special economic zones (SEZs) to these industries in the state (Govt. of Tamil Nadu, 2007).

d) While the policy of Tamil Nadu focused on developing internal facilities for the manufacturing sector, Gujarat focused on making it an attractive investment destination globally as well. A comprehensive policy was formulated to generate technically competent manpower, facilitating investment through global channels, creating adequate provisions for upgrading and improving the infrastructure and ensuring balanced regional development. Furthermore, special efforts envisaged to track the latest technology and innovation and ushering next generation of investment and talent were made. Special measures were undertaken to promote and develop textiles and apparels and the gems and jewellery sectors. However, the benefits of this policy are yet to be realised by the state (Govt. of Gujarat, 2009a).

e) We observe that, over the period, performance of small states has improved as far as the growth rate in the manufacturing sector is concerned. The growth rates with respect to factories, employment, value of output, gross value added and capital were consistently higher for Uttarakhand, Himachal Pradesh and Jammu and Kashmir. The narrow industrial base of these states has enabled the state governments to concentrate more on the growth of selected industries and attain the desired levels of growth in these industries. Various measures were undertaken by these states to stimulate industrial growth and attract new ventures in the state. The central government granted a special concessional package for Uttarakhand and Himachal Pradesh. Under this package, new initiatives were undertaken to provide incentives as well as an enabling environment for industrial development, improve the availability of capital and increase market access to provide a fillip to the private investment in these states. New industrial units were entitled to 100 percent excise duty and income tax exemptions along with a capital subsidy of 15 percent. These measures helped to uplift the existing industries in the manufacturing sector and also establish new industries in these states (Govt. of Uttarakhand, 2001).

f) From 1998–99 to 2011–12, the small states have changed their industrial structure as they have a wide scope for enlarging their existing industries and also to expand the industrial base. Other industrially developed states such as Tamil Nadu, Gujarat, Maharashtra, Karnataka and West Bengal varied in the performance and growth in their manufacturing sectors. Tamil Nadu performed much better over the period despite a broad industrial base, whereas the performance of the manufacturing sector in Maharashtra had clearly deteriorated over the period. It implies that Maharashtra has failed to tap the benefits of the broad industrial base for the growth of the manufacturing sector.

g) During the last decade, Maharashtra encountered a downfall in the sector due to concentration of industries only in the Mumbai–Pune–Nasik–Aurangabad quadrangle, elevated land prices, political indecisiveness and bureaucratic delays due to the coalition government, scarce power resources, lack of infrastructural facilities and the cut-throat competition from other states in attracting industries. Also, the industries in Maharashtra are relatively more capital-intensive in nature which constrains the expansion of such industries in the state. The measures undertaken by the government of Maharashtra for the dispersal of industries to other districts resulted in the dislocation of various industries to some other states. As the agricultural sector in the state is not predominant, Maharashtra's potential lies in the manufacturing sector, and, thus, the state cannot afford to neglect industrial growth in the coming years.

h) Most of the industrially developed states inclined towards the use of capital-intensive technologies. One of the interesting facts observed is that a few states have recorded high growth rates despite employing labour-intensive techniques. There has also been a shift in the factor intensities used in the production process over the period. While some states used more capital-intensive techniques, other states are employing more labour-intensive techniques in the production process.

i) The average number of workers per factory unit indicated declining trend in many industrially developed states such as Gujarat and Maharashtra. It has also been observed that a few of other states employed less workers per factory unit even though factories have increased in the manufacturing sector of these states. It implies that the size of factories for industrially developed states has declined, whereas it increased for other upcoming states such as Uttarakhand.

5 CONCLUSIONS

Inter-regional disparity in levels of development and incomes is a major issue of economic, social and political significance in India. A wide disparity across states is a major concern that needs to be addressed through public policy. Industry is expected to play a major role in creating as well as mitigating disparities among different regions, and thus, policy mechanisms and instruments were devised to inhibit these disparities. India must develop indigenous technological capabilities that can match international standards to cope with the rate of growth of fast-growing economies.

The share of the industrially developed states has remained high though the growth rates are quite low. Some small states are performing better as they have realised the need for the development of the manufacturing sector for overall attainment of growth. The enhanced performance over such a short span is due to effective and timely implementation of the policy measures. Uttarakhand exhibited substantial improvement in its performance over the period. This achievement could be attributed to the liberal industrial policy and industry promotional incentives adopted by the policy makers in 2003. Jammu and Kashmir and Himachal Pradesh endeavoured to uplift their manufacturing sectors in the coming years, which has paid off in the form of the higher growth rates of these states over the period. Thus, the regional imbalance in the organised manufacturing sector among states seems to be declining as the small states are improving period after period, whereas the industrially developed states are unable to maintain their momentum of growth.

The liberalisation era that the country is now witnessing has spurred intense, inter-state competition to attract industrial investments. A thrust on manufacturing is integral to the inclusive agenda of the government. Nevertheless, the share of the manufacturing sector in India's GDP has stagnated at approximately 15 percent since 1980. Inadequate physical infrastructure, a complex regulatory environment and inadequate availability of skilled manpower have constrained the growth of manufacturing in some of the states in India. Furthermore, land has emerged as a major constraint for industrial growth in recent years. The contribution of the manufacturing sector in India is much below its potential. This calls for the state to play an increasing proactive role to facilitate industrial development and lead the country on the path of growth to compete globally.

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Annexure A: Location Quotients Based on Number of Workers

Table A1: Location Quotients: Andhra Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	1.08	6.78	0.32	0.13	0.14	0.31	0.84	0.59	0.19	0.53	0.56	0.89	0.59	0.45	0.39	0.16	0.78	0.46	0.61	0.26	0.26	0.26
1999-00	1.10	6.26	0.30	0.03	0.08	0.47	0.77	0.55	0.21	0.57	0.51	0.99	0.60	0.42	0.46	0.13	0.67	0.48	0.17	0.43	0.37	0.15
2000-01	1.04	5.90	0.31	0.07	0.14	0.59	0.86	0.72	0.23	0.63	0.57	1.04	0.51	0.74	0.47	0.35	0.92	0.54	0.40	0.27	0.32	0.28
2001-02	1.09	5.06	0.51	0.08	0.09	0.38	0.85	0.71	0.12	0.59	0.56	1.15	0.49	0.63	0.53	0.95	0.82	0.48	0.28	0.30	0.37	0.33
2002-03	0.97	4.40	0.33	0.08	0.10	0.47	0.74	1.05	0.17	0.56	0.49	2.69	0.44	0.40	0.39	0.44	0.76	0.47	0.25	0.28	0.33	0.26
2003-04	1.06	5.60	0.40	0.09	0.08	0.66	0.94	0.87	0.18	0.66	0.64	1.08	0.49	0.49	0.47	0.45	0.81	0.50	0.26	0.34	0.60	0.30
2004-05	1.16	5.53	0.46	0.07	0.11	0.52	1.01	0.86	0.23	0.73	0.67	1.01	0.62	0.57	0.47	0.08	0.85	0.49	0.31	0.32	0.54	0.28
2005-06	1.12	5.60	0.51	0.09	0.06	0.47	1.05	0.90	0.39	0.80	0.75	1.01	0.57	0.80	0.55	0.16	0.95	1.12	0.20	0.28	0.49	0.34
2006-07	1.31	6.12	0.44	0.16	0.08	0.68	1.13	0.91	0.34	0.92	0.83	1.22	0.47	0.56	0.50	0.26	1.01	0.74	0.22	0.26	0.43	0.24
2007-08	1.29	6.31	0.57	0.15	0.23	0.44	1.02	1.04	0.25	0.95	0.74	1.04	0.52	0.67	0.49	0.19	1.05	1.35	0.21	0.19	0.51	0.24
2008-09	1.32	6.25	0.56	0.17	0.26	0.39	1.06	0.92	0.60	1.04	0.85	1.11	0.49	0.65	0.48	0.73	0.82	0.60	0.45	0.24	0.24	0.25
2009-10	1.42	6.41	0.53	0.16	0.26	0.36	1.08	0.70	0.29	1.06	0.78	1.26	0.63	0.63	0.52	0.49	1.09	0.14	0.27	0.17	0.36	0.34
2010-11	1.30	6.44	0.55	0.20	0.34	0.41	1.42	1.04	0.43	1.06	1.08	1.29	0.54	0.67	0.50	0.69	1.16	0.30	0.46	0.17	0.46	0.30
2011-12	1.40	6.25	0.63	0.25	0.34	0.26	1.22	1.08	0.59	1.13	0.78	1.12	0.62	0.50	0.40	1.68	1.10	1.02	0.36	0.16	0.30	0.28

Note: Please refer Table 1 for description of the industry.

Table A2: Location Quotients: Assam

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	4.26	0.00	0.20	0.00	0.00	0.84	1.84	0.50	5.46	0.27	0.15	1.66	0.22	0.09	0.32	0.00	0.05	0.00	0.00	0.04	0.00	0.00
1999-00	4.09	0.00	0.18	0.00	0.00	0.09	1.36	0.45	6.05	0.25	0.06	2.02	0.11	0.19	0.28	0.00	0.06	0.00	0.00	0.03	0.00	0.02
2000-01	4.12	0.11	0.19	0.00	0.00	0.44	1.44	0.48	7.24	0.25	0.12	1.44	0.17	0.19	0.30	0.00	0.23	0.00	0.00	0.05	0.00	0.04
2001-02	3.72	0.05	0.22	0.00	0.00	0.31	1.66	0.42	5.59	0.33	0.08	2.24	0.13	0.17	0.28	0.00	0.22	0.00	0.00	0.04	0.00	0.05
2002-03	3.79	0.15	0.16	0.00	0.00	0.31	1.87	0.43	5.46	0.44	0.09	1.75	0.11	0.28	0.25	0.00	0.20	0.08	0.00	0.03	0.00	0.03
2003-04	3.64	0.10	0.13	0.00	0.00	0.39	1.93	0.42	5.67	0.51	0.20	2.61	0.14	0.19	0.25	0.00	0.19	0.09	0.00	0.02	0.00	0.06
2004-05	3.62	0.11	0.10	0.00	0.00	0.46	1.87	0.56	5.58	0.60	0.39	2.63	0.18	0.09	0.31	0.00	0.20	0.07	0.00	0.03	0.00	0.06
2005-06	3.70	0.13	0.10	0.00	0.00	0.63	1.82	0.48	6.07	0.68	0.36	2.79	0.08	0.14	0.20	0.00	0.17	0.04	0.00	0.02	0.00	0.03
2006-07	3.79	0.14	0.13	0.00	0.00	0.57	1.73	0.39	6.61	0.76	0.28	2.63	0.17	0.25	0.20	0.00	0.21	0.15	0.00	0.02	0.00	0.04
2007-08	3.55	0.18	0.11	0.00	0.00	0.60	1.40	0.42	6.19	0.74	0.34	3.33	0.14	0.13	0.13	0.00	0.23	0.12	0.00	0.03	0.00	0.10
2008-09	3.59	0.14	0.12	0.01	0.00	1.46	2.01	0.67	6.34	0.59	0.31	3.25	0.13	0.13	0.10	0.07	0.09	0.00	0.00	0.02	0.00	0.03
2009-10	3.79	0.20	0.13	0.00	0.00	0.57	1.73	0.55	6.01	0.54	0.17	3.25	0.20	0.20	0.10	0.00	0.07	0.00	0.00	0.02	0.00	0.07
2010-11	3.77	0.13	0.11	0.00	0.00	0.98	1.43	0.60	5.18	0.73	0.22	3.65	0.18	0.06	0.10	0.20	0.12	0.00	0.00	0.01	0.00	0.03
2011-12	3.67	0.31	0.10	0.00	0.00	2.61	1.38	0.35	5.01	0.75	0.47	3.39	0.27	0.13	0.08	0.29	0.05	0.00	0.00	0.02	0.00	0.08

Note: Please refer Table 1 for description of the industry.

Table A3: Location Quotients: Bihar

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	1.03	0.48	0.56	0.00	2.00	6.59	0.30	1.36	5.39	0.65	0.31	6.89	0.62	0.41	0.20	0.00	0.07	0.00	0.00	0.00	0.67	0.02
1999-00	0.97	0.65	0.49	0.00	2.03	6.79	0.35	1.02	3.93	0.61	0.18	6.44	0.64	0.59	0.53	0.00	0.08	0.00	0.00	0.00	0.99	0.04
2000-01	0.98	0.56	0.53	0.00	1.80	5.57	0.15	1.15	5.09	0.62	0.15	6.91	0.51	0.34	0.37	0.00	0.34	0.08	0.00	0.00	1.08	0.08
2001-02	1.05	0.58	0.45	0.00	1.49	4.68	0.42	1.11	4.79	0.51	0.14	6.61	0.42	0.29	0.46	0.00	0.06	0.00	0.00	0.00	1.05	0.06
2002-03	1.09	0.63	0.49	0.00	1.73	5.67	0.82	0.62	6.25	0.31	0.15	4.90	0.52	0.23	0.47	0.00	0.06	0.00	0.20	0.00	0.98	0.05
2003-04	1.12	0.54	0.37	0.00	1.54	4.96	0.72	0.70	4.95	0.26	0.13	7.41	0.69	0.25	0.41	0.00	0.06	0.00	0.00	0.00	0.65	0.03
2004-05	1.03	0.51	0.41	0.00	1.24	3.64	0.69	0.80	5.72	0.25	0.18	7.58	0.48	0.18	0.38	0.00	0.07	0.00	0.00	0.00	0.60	0.02
2005-06	1.07	0.64	0.41	0.00	0.94	4.21	0.73	0.63	3.51	0.19	0.09	7.71	0.55	0.19	0.33	0.00	0.04	0.00	0.00	0.00	0.52	0.02
2006-07	1.20	0.58	0.37	0.00	1.02	3.28	0.69	0.64	4.50	0.26	0.11	7.49	0.43	0.20	0.15	0.00	0.04	0.00	0.00	0.00	0.45	0.02
2007-08	1.11	0.64	0.37	0.00	0.67	3.57	0.48	0.71	4.56	0.23	0.07	7.99	0.43	0.16	0.17	0.00	0.03	0.00	0.00	0.00	0.47	0.03
2008-09	0.86	0.63	0.36	0.00	0.60	3.87	0.48	0.47	4.06	0.14	0.12	7.11	1.39	0.27	0.14	0.00	0.03	0.00	0.00	0.01	0.48	0.09
2009-10	1.07	0.53	0.32	0.00	0.54	3.03	0.52	0.07	3.44	0.50	0.11	7.72	0.67	0.14	0.20	0.00	0.22	0.00	0.00	0.00	0.53	0.10
2010-11	1.00	0.64	0.40	0.00	0.34	3.89	0.60	0.25	2.24	0.18	0.12	8.24	0.39	0.17	0.19	0.00	0.02	0.00	0.00	0.01	0.31	0.02
2011-12	1.31	0.36	0.28	0.00	0.28	2.27	0.45	0.17	1.87	0.10	0.05	8.14	0.19	0.15	1.23	0.00	0.02	0.00	0.00	0.01	0.26	0.05

Note: Please refer Table 1 for description of the industry.

Table A4: Location Quotients: Chhattisgarh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	1.14	0.12	0.29	0.09	0.03	1.33	0.66	0.09	0.24	0.33	0.09	1.64	7.12	0.67	0.46	0.00	0.08	0.00	0.00	0.00	0.18	0.02
1999-00	0.84	0.06	0.19	0.00	0.00	0.93	0.58	0.10	0.15	0.17	0.45	2.86	6.78	0.64	0.39	0.00	0.27	0.00	0.00	0.00	0.45	0.13
2000-01	0.84	0.11	0.17	0.00	0.08	1.40	1.05	0.45	0.63	0.20	0.39	1.84	7.95	0.57	0.62	0.00	0.51	0.00	0.00	0.00	0.24	0.22
2001-02	0.80	0.15	0.18	0.00	0.06	1.80	0.89	0.48	0.21	0.25	0.46	1.50	8.18	0.70	0.59	0.00	0.41	0.00	0.00	0.00	0.41	0.13
2002-03	0.97	0.16	0.11	0.00	0.52	1.61	0.95	0.46	0.64	0.22	0.46	1.14	8.17	0.88	0.47	0.00	0.36	0.00	0.00	0.00	0.58	0.10
2003-04	1.02	0.47	0.09	0.00	0.06	1.21	0.81	0.45	1.32	0.20	0.46	1.40	7.81	0.90	0.60	0.00	0.37	0.00	0.00	0.00	0.52	0.09
2004-05	1.04	0.76	0.09	0.00	0.04	0.92	0.64	0.47	1.60	0.18	1.20	1.17	7.24	0.85	0.74	0.00	0.50	0.00	0.00	0.00	0.60	0.07
2005-06	0.97	0.80	0.08	0.00	0.02	1.16	0.86	0.34	1.81	0.40	0.18	1.08	7.26	0.93	0.99	0.00	0.38	0.00	0.00	0.00	0.53	0.09
2006-07	1.14	0.76	0.10	0.00	0.01	0.64	0.56	0.26	1.97	0.34	0.10	1.07	7.02	0.69	0.65	0.00	0.38	0.00	0.00	0.00	0.37	0.08
2007-08	0.96	0.83	0.06	0.00	0.01	0.85	0.49	0.35	2.67	0.20	0.10	0.78	7.63	0.64	0.60	0.00	0.12	0.00	0.00	0.00	0.57	0.07
2008-09	1.02	0.73	0.10	0.00	0.01	0.62	0.50	0.36	3.56	0.31	0.34	0.98	6.59	0.93	0.55	0.08	0.17	0.00	0.00	0.05	0.52	0.11
2009-10	0.87	0.72	0.07	0.00	0.01	0.55	0.46	0.40	0.96	0.24	0.29	0.94	7.61	1.08	0.70	0.22	0.21	0.00	0.00	0.00	0.41	0.22
2010-11	1.02	0.81	0.06	0.00	0.01	0.39	0.51	0.29	1.11	0.16	0.12	0.87	6.85	1.19	0.76	0.15	0.19	0.00	0.00	0.00	2.03	0.08
2011-12	1.06	0.77	0.06	0.00	0.01	1.08	0.44	0.35	1.43	0.13	0.17	0.80	7.09	1.26	0.87	0.12	0.09	0.00	0.00	0.00	0.34	0.14

Note: Please refer Table 1 for description of the industry.

Table A5: Location Quotients: Delhi

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.33	0.07	0.12	5.65	2.40	0.76	0.49	5.66	0.00	0.52	1.81	0.16	0.51	2.12	1.48	0.15	1.86	3.27	1.37	2.12	1.29	2.18
1999-00	0.35	0.08	0.31	5.48	2.94	0.47	0.70	4.06	0.00	0.72	1.83	0.14	0.52	2.33	1.49	0.43	2.26	2.64	1.67	1.77	1.03	0.94
2000-01	0.35	0.10	0.13	5.52	3.27	0.54	0.67	5.46	0.04	0.45	1.56	0.14	0.46	2.13	1.45	0.32	2.67	2.20	2.16	1.93	1.13	1.40
2001-02	0.40	0.07	0.15	6.54	2.48	0.35	0.55	6.44	0.03	0.47	0.99	0.15	0.27	2.18	0.97	0.31	2.55	2.43	2.35	1.66	1.46	1.70
2002-03	0.38	0.07	0.15	6.95	2.22	0.35	0.43	6.37	0.03	0.49	1.19	0.08	0.25	1.96	1.68	0.36	1.64	2.39	1.56	1.58	1.05	1.78
2003-04	0.40	0.06	0.24	6.38	2.27	0.35	0.61	5.51	0.03	0.46	1.07	0.13	0.30	1.92	1.06	0.34	1.75	2.14	2.06	1.20	1.32	1.41
2004-05	0.28	0.02	0.32	6.02	2.56	0.08	0.57	5.84	0.03	0.41	0.96	0.09	0.30	1.75	1.23	0.80	1.90	2.35	1.94	1.20	1.02	1.21
2005-06	0.36	0.13	0.35	5.23	2.50	0.07	0.38	6.17	0.06	0.43	0.86	0.07	0.32	1.58	1.04	0.49	1.76	2.08	1.66	1.12	0.95	1.23
2006-07	0.35	0.03	0.24	5.29	2.22	0.05	0.46	5.86	0.06	0.52	1.06	0.04	0.27	1.72	1.17	0.78	1.85	2.23	2.34	1.53	0.66	1.50
2007-08	0.40	0.13	0.30	4.77	2.28	0.06	0.71	7.52	0.05	0.44	1.05	0.05	0.23	1.65	1.23	0.48	1.88	1.19	1.83	1.05	0.93	0.97
2008-09	0.50	0.10	0.26	4.50	1.87	0.07	0.88	6.94	0.04	0.41	0.82	0.07	0.40	1.36	0.86	1.07	2.03	3.36	0.93	0.88	1.00	0.99
2009-10	0.51	0.08	0.24	3.58	2.39	0.36	0.93	7.04	0.02	0.31	1.11	0.07	0.22	2.05	1.05	1.15	1.55	1.84	1.67	1.27	0.63	1.01
2010-11	0.59	0.17	0.27	4.26	3.13	0.24	0.71	5.50	0.05	0.29	0.82	0.04	0.26	1.33	1.25	1.03	1.82	2.55	1.79	0.67	0.38	1.07
2011-12	0.85	0.09	0.28	3.75	2.27	0.31	0.55	6.06	0.06	0.46	0.65	0.04	0.30	1.39	0.88	0.92	1.77	3.86	1.96	1.04	0.43	1.11

Note: Please refer Table 1 for description of the industry.

Table A6: Location Quotients: Goa

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.99	0.00	0.24	0.30	0.00	0.00	0.82	0.78	2.10	2.26	2.53	0.70	1.71	0.56	0.35	8.41	0.86	3.98	3.99	1.59	0.86	2.82
1999-00	0.72	0.00	0.23	0.23	0.00	0.00	2.02	1.33	1.77	2.64	2.70	0.51	1.30	0.67	0.48	5.84	0.57	5.81	3.99	1.12	1.77	2.12
2000-01	0.98	0.00	0.17	0.16	0.00	0.00	1.03	1.19	1.98	2.94	1.93	0.46	1.41	0.63	0.69	4.58	0.68	4.58	5.03	1.30	1.47	2.36
2001-02	0.91	0.00	0.17	0.00	0.00	0.00	1.25	1.10	1.55	2.94	2.12	0.42	1.56	0.63	0.60	7.09	1.51	3.82	5.64	1.04	1.63	2.28
2002-03	0.90	0.00	0.15	0.00	0.00	0.00	1.53	1.47	1.22	3.14	2.42	0.25	1.70	0.60	0.89	9.59	1.02	3.59	5.62	1.09	0.96	2.01
2003-04	0.74	0.00	0.12	0.00	0.00	0.00	1.45	1.03	1.39	3.29	2.13	0.54	1.77	0.57	0.78	11.18	1.31	3.19	5.56	1.15	1.27	1.59
2004-05	0.76	0.00	0.10	0.00	0.00	0.00	0.91	1.09	0.84	3.83	2.06	0.38	1.62	0.49	0.70	10.95	1.32	3.59	6.61	1.12	1.13	1.23
2005-06	0.77	0.00	0.10	0.00	0.00	0.00	1.13	1.20	1.33	3.19	2.22	0.39	1.84	0.49	0.77	12.08	1.18	2.37	7.56	1.74	1.13	1.44
2006-07	0.87	0.00	0.10	0.00	0.00	0.00	1.61	0.94	1.47	3.45	1.48	0.41	1.43	0.46	0.72	9.14	1.04	3.34	6.99	1.94	1.69	1.09
2007-08	0.65	0.00	0.11	0.00	0.00	0.00	0.72	0.94	1.30	3.82	1.38	0.44	1.17	1.15	0.54	9.20	1.39	1.88	5.93	1.46	2.41	2.26
2008-09	0.92	0.00	0.08	0.00	0.00	0.00	1.32	1.24	0.91	3.45	1.70	0.40	1.28	0.44	0.44	3.21	1.58	8.53	4.87	1.31	1.79	2.44
2009-10	1.03	0.00	0.13	0.00	0.00	0.00	1.00	1.20	0.38	3.83	1.20	0.46	1.29	0.74	0.47	4.02	2.22	0.60	4.86	1.13	0.93	1.53
2010-11	1.24	0.00	0.11	0.00	0.00	0.00	0.78	1.03	1.23	2.94	2.43	0.27	1.55	0.30	0.50	2.27	2.24	1.42	2.34	1.01	1.24	2.15
2011-12	1.04	0.00	0.11	0.00	0.00	0.00	1.04	1.46	1.85	4.04	3.02	0.20	0.86	0.41	0.51	2.98	1.51	0.91	1.88	0.38	2.11	1.32

Note: Please refer Table 1 for description of the industry.

Table A7: Location Quotients: Gujarat

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.69	0.12	1.35	0.34	0.15	0.60	0.82	0.57	0.62	2.34	0.98	1.36	0.67	0.95	1.21	1.41	1.00	0.41	1.32	0.82	0.62	1.76
1999-00	0.55	0.08	1.43	0.28	0.04	0.52	0.95	0.67	0.60	2.46	0.88	1.20	0.56	1.37	1.67	0.64	1.15	0.41	0.91	0.18	0.80	1.61
2000-01	0.51	0.10	1.43	0.22	0.10	0.74	1.12	0.58	0.55	2.54	0.99	1.36	0.58	1.12	1.57	0.17	0.77	0.59	1.15	0.22	0.86	1.73
2001-02	0.53	0.08	1.30	0.30	0.04	1.34	1.26	0.44	1.94	2.51	1.14	1.41	0.61	0.86	1.72	0.00	1.13	0.78	0.76	0.29	0.62	1.87
2002-03	0.56	0.13	1.37	0.26	0.05	0.91	1.19	0.42	1.69	2.44	1.17	0.96	0.66	0.90	1.93	0.00	0.93	0.79	0.75	0.40	0.69	2.36
2003-04	0.54	0.07	1.29	0.31	0.04	0.86	1.02	0.47	1.88	2.61	1.01	1.29	0.79	0.95	1.66	0.00	0.97	0.51	0.85	0.34	0.72	2.39
2004-05	0.59	0.11	1.33	0.27	0.04	1.28	1.19	0.44	1.78	2.38	1.02	1.22	0.68	1.07	1.73	0.00	0.88	0.46	0.90	0.31	0.44	2.68
2005-06	0.55	0.09	1.27	0.20	0.04	1.18	1.14	0.54	2.48	2.35	1.04	1.44	0.74	1.14	1.66	0.00	0.84	0.56	1.35	0.32	0.42	2.81
2006-07	0.54	0.10	1.28	0.20	0.03	1.04	1.20	0.55	3.12	2.17	0.84	1.15	0.89	1.06	1.56	0.11	1.05	0.84	1.13	0.37	0.38	3.11
2007-08	0.52	0.08	1.36	0.25	0.03	0.81	0.92	0.46	3.78	2.24	0.90	1.21	0.81	1.09	1.57	0.00	0.93	0.63	1.00	0.25	0.59	2.81
2008-09	0.63	0.08	1.41	0.18	0.03	0.73	1.17	0.64	2.86	2.05	0.85	1.43	0.92	1.05	1.44	0.15	0.96	1.10	2.08	0.23	0.54	2.54
2009-10	0.60	0.09	1.59	0.20	0.06	0.87	1.19	0.44	3.10	2.04	1.06	1.45	0.80	0.88	1.61	0.28	0.80	0.41	1.20	0.22	0.59	2.70
2010-11	0.58	0.09	1.69	0.17	0.02	1.33	1.15	0.40	1.84	2.11	0.96	1.36	0.72	0.88	1.77	0.16	0.79	0.80	0.92	0.17	0.62	2.77
2011-12	0.51	0.08	1.69	0.18	0.02	1.00	1.04	0.43	1.53	1.94	0.94	1.42	0.91	1.09	1.67	0.24	0.81	0.74	1.40	0.23	0.59	3.02

Note: Please refer Table 1 for description of the industry.

Table A8: Location Quotients: Haryana

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.57	0.01	0.35	0.55	1.39	0.60	0.58	0.40	0.00	0.27	0.84	0.99	0.46	1.22	1.61	2.02	1.06	0.32	1.29	1.99	10.42	0.47
1999-00	0.92	0.01	0.45	1.18	2.13	0.73	0.83	0.76	0.05	0.35	1.29	1.21	0.50	1.57	2.53	2.86	1.94	0.89	1.68	3.69	2.82	0.60
2000-01	0.89	0.02	0.56	2.00	1.48	0.94	1.06	0.41	0.10	0.38	0.92	1.23	0.52	1.25	2.13	2.15	1.37	0.93	2.11	4.05	2.95	0.29
2001-02	0.81	0.02	0.53	2.27	2.07	1.56	0.93	0.40	0.08	0.36	0.80	1.02	0.72	1.35	2.19	1.66	1.38	0.93	2.63	3.90	2.75	0.34
2002-03	0.87	0.02	0.60	2.16	2.12	1.27	0.90	0.43	0.09	0.33	0.83	0.82	0.49	1.33	2.15	2.71	1.36	0.86	2.50	3.28	4.01	0.37
2003-04	0.74	0.02	0.68	2.24	1.33	1.77	0.93	0.44	0.06	0.38	0.68	0.87	0.53	1.10	1.90	1.14	1.49	0.70	2.83	3.52	3.84	0.69
2004-05	0.74	0.02	0.57	2.80	1.12	1.61	0.70	0.40	0.03	0.33	0.63	0.74	0.47	1.14	2.05	0.86	1.21	0.47	3.15	3.53	3.69	0.32
2005-06	0.71	0.02	0.62	3.02	1.11	1.27	0.73	0.44	0.01	0.27	0.62	0.58	0.57	0.88	1.57	0.68	1.38	0.22	3.51	3.24	4.15	0.26
2006-07	0.59	0.02	0.59	2.86	1.34	1.93	0.56	0.38	0.04	0.32	0.61	0.61	0.41	0.99	1.56	0.27	1.47	0.27	3.07	3.12	4.94	0.33
2007-08	0.54	0.02	0.68	2.87	1.18	1.25	0.28	0.30	0.02	0.33	0.50	0.48	0.62	0.73	1.53	0.79	0.95	0.36	2.67	4.27	4.03	0.27
2008-09	0.69	0.02	0.51	2.04	1.39	1.57	0.64	0.46	0.02	0.36	0.87	0.38	0.35	0.97	1.31	0.46	1.39	0.42	0.61	4.44	4.58	0.81
2009-10	0.46	0.01	0.51	2.27	1.45	1.23	0.50	0.48	0.02	0.45	0.39	0.37	0.30	0.82	1.33	0.30	0.85	8.11	0.56	3.55	4.26	0.78
2010-11	0.59	0.01	0.55	2.06	1.65	1.54	0.56	0.47	0.03	0.35	0.41	0.32	0.36	0.84	1.44	0.34	1.05	1.01	0.51	3.99	4.38	0.88
2011-12	0.46	0.02	0.65	1.96	1.52	1.30	0.47	0.46	0.05	0.30	0.57	0.35	0.51	0.90	1.46	0.18	1.18	1.39	1.30	3.46	5.04	0.74

Note: Please refer Table 1 for description of the industry.

Table A9: Location Quotients: Himachal Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.50	0.25	1.95	0.18	0.88	0.40	1.20	0.36	0.00	0.45	1.07	2.41	0.50	1.39	1.19	6.92	0.28	3.65	4.17	0.54	0.00	0.00
1999-00	0.49	0.21	2.12	0.00	0.74	0.41	1.19	0.26	0.00	0.27	1.31	2.96	0.44	1.17	0.98	0.63	0.32	5.15	4.19	0.23	0.00	0.00
2000-01	0.51	0.15	2.21	0.00	0.54	0.16	1.55	0.21	0.00	0.76	0.72	1.64	0.20	1.91	1.23	0.72	0.75	4.25	4.78	0.24	0.00	0.07
2001-02	0.57	0.22	2.32	0.00	0.56	0.16	1.64	0.93	0.00	0.57	0.86	1.38	0.36	1.55	1.14	3.78	0.70	3.73	6.22	0.36	0.00	0.06
2002-03	0.62	0.26	2.22	0.22	0.68	0.24	1.80	0.26	0.00	0.81	0.79	1.04	0.32	0.96	1.18	3.63	0.69	4.78	6.56	0.45	0.00	0.19
2003-04	0.56	0.26	2.07	0.36	0.64	0.17	1.41	0.37	0.00	0.91	0.67	1.63	0.25	1.32	1.52	3.39	0.59	4.14	5.83	0.22	0.00	0.20
2004-05	0.49	0.27	1.86	0.24	1.05	0.17	1.56	0.39	0.00	1.32	0.45	1.23	0.23	1.34	1.80	5.08	1.41	4.33	5.82	0.35	0.11	0.14
2005-06	0.62	0.24	1.58	0.08	0.95	0.20	1.60	1.02	0.00	1.99	0.91	1.01	0.38	0.65	1.94	7.01	1.78	3.03	5.02	0.29	0.00	0.08
2006-07	0.41	0.17	1.41	0.00	1.08	0.08	1.37	1.06	0.00	2.81	1.36	0.95	0.44	0.56	1.86	2.99	2.12	2.86	3.98	0.46	0.07	0.04
2007-08	0.64	0.04	1.18	0.19	0.86	0.12	1.00	1.00	0.00	3.49	1.01	0.79	0.52	0.42	1.59	1.93	2.33	1.69	2.36	0.44	0.32	0.40
2008-09	0.48	0.10	1.03	0.11	1.44	0.39	1.41	2.02	0.00	3.58	0.87	0.64	0.61	0.43	0.66	3.67	3.75	2.16	3.11	0.28	0.77	0.68
2009-10	0.40	0.07	1.08	0.02	0.97	0.50	1.69	0.64	0.08	3.44	0.85	0.66	0.57	0.63	0.59	1.72	4.18	4.84	2.76	0.48	0.29	0.41
2010-11	0.56	0.04	0.93	0.20	0.60	1.16	2.01	0.56	0.00	3.93	0.79	0.59	0.55	0.60	0.64	3.33	2.97	1.89	2.50	0.65	0.32	0.46
2011-12	0.61	0.06	0.91	0.19	1.24	1.29	1.99	0.46	0.16	3.42	0.94	0.55	0.51	0.56	0.61	2.71	3.18	2.52	5.75	0.48	0.97	0.48

Note: Please refer Table 1 for description of the industry.

Table A10: Location Quotients: Jammu and Kashmir

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	1.25	0.03	2.05	0.00	0.14	2.31	0.80	0.16	0.00	0.51	0.49	1.19	0.73	1.06	0.80	0.00	0.83	0.71	0.00	0.00	0.00	5.62
1999-00	1.18	0.02	2.13	0.00	0.08	4.21	0.87	0.12	1.76	0.52	0.84	0.84	1.09	0.60	1.19	0.00	0.79	0.00	0.00	0.00	0.00	2.32
2000-01	0.86	0.01	2.09	0.00	0.09	5.64	0.91	0.18	2.38	0.24	0.61	1.12	1.40	0.78	1.05	0.00	0.76	0.96	0.00	0.00	0.00	4.86
2001-02	0.93	0.00	1.75	0.00	0.08	4.53	0.69	0.15	2.65	0.49	0.54	1.13	1.60	0.89	1.34	0.00	0.79	0.93	0.00	0.00	0.00	5.41
2002-03	1.02	0.00	1.81	0.00	0.29	4.38	0.55	0.13	2.63	0.43	0.61	0.85	1.71	0.66	1.15	0.00	0.79	0.84	5.21	0.00	0.00	4.08
2003-04	0.93	0.00	2.05	0.00	0.36	4.17	0.44	0.12	1.66	0.36	0.38	1.00	1.78	0.75	1.11	0.00	0.81	0.64	4.26	0.00	0.00	3.26
2004-05	0.92	0.00	1.39	0.10	0.06	4.34	1.44	0.11	1.34	1.28	0.84	1.15	1.63	1.25	0.55	0.00	1.19	2.89	0.00	0.09	0.00	3.41
2005-06	0.87	0.00	1.24	0.13	0.00	2.92	1.05	0.23	1.06	2.17	1.62	1.03	2.00	0.76	0.64	0.00	0.98	1.79	0.00	0.11	0.00	1.80
2006-07	0.84	0.00	1.06	0.13	0.08	4.39	1.09	0.28	0.93	2.76	0.68	0.94	1.80	1.07	0.75	1.05	0.76	0.46	0.00	0.11	0.00	2.60
2007-08	0.73	0.00	1.06	0.11	0.00	4.23	0.98	0.23	0.45	2.99	1.18	0.76	2.15	0.83	0.47	4.44	0.99	0.36	0.00	0.06	0.00	2.36
2008-09	0.93	0.00	1.04	0.10	0.10	1.67	3.25	0.23	1.83	3.02	0.65	0.49	1.60	1.01	0.14	1.60	1.02	1.62	0.00	0.00	0.36	2.60
2009-10	0.68	0.00	1.30	0.09	0.09	1.89	1.73	0.36	1.23	3.12	1.50	0.65	1.42	1.66	0.19	0.30	0.71	0.35	0.00	0.00	0.27	2.70
2010-11	0.66	0.00	1.30	0.10	0.18	2.01	1.80	0.26	0.03	3.40	1.61	0.71	1.77	0.88	0.10	0.97	0.86	0.00	0.00	0.00	0.19	1.84
2011-12	0.81	0.00	1.25	0.11	0.00	1.51	1.01	0.27	0.00	4.23	1.60	0.88	1.08	0.54	0.18	1.19	0.79	0.46	0.00	0.03	0.27	1.49

Note: Please refer Table 1 for description of the industry.

Table A11: Location Quotients: Jharkhand

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.07	0.51	0.04	0.00	0.07	0.28	0.02	0.08	11.60	0.54	0.43	1.95	6.73	0.53	0.62	0.00	0.53	0.00	0.00	3.01	0.04	0.00
1999-00	0.04	0.65	0.05	0.00	0.00	0.22	0.01	0.23	10.60	0.40	0.29	1.54	6.87	0.51	0.65	0.00	0.42	0.00	0.00	2.88	0.07	0.00
2000-01	0.08	0.66	0.04	0.00	0.00	0.33	0.02	0.17	12.61	0.42	0.22	2.27	7.08	0.28	0.82	0.00	0.29	0.00	0.00	2.85	0.06	0.00
2001-02	0.08	0.67	0.05	0.00	0.00	0.39	0.02	0.19	12.41	0.47	0.19	2.13	6.80	0.25	0.82	0.00	0.18	0.00	0.17	3.13	0.05	0.01
2002-03	0.07	1.01	0.04	0.00	0.00	0.19	0.02	0.21	11.05	0.32	0.19	1.56	7.37	0.29	0.89	0.00	0.13	0.10	0.00	2.73	0.04	0.02
2003-04	0.07	0.52	0.04	0.00	0.00	0.33	0.03	0.35	12.06	0.30	0.15	2.15	7.41	0.38	0.77	0.00	0.06	0.10	0.00	2.93	0.10	0.03
2004-05	0.07	0.47	0.04	0.00	0.00	0.24	0.02	0.37	12.08	0.30	0.18	2.56	7.04	0.40	0.89	0.00	0.06	0.00	0.13	2.32	0.11	0.03
2005-06	0.10	0.39	0.03	0.00	0.00	0.19	0.03	0.38	11.79	0.39	0.15	1.89	7.33	0.38	0.73	0.00	0.05	0.00	0.00	2.46	0.08	0.03
2006-07	0.09	0.38	0.04	0.00	0.00	0.22	0.02	0.35	11.51	0.23	0.18	2.28	6.71	0.26	0.69	0.00	0.05	0.00	0.00	2.21	0.07	0.03
2007-08	0.14	0.33	0.04	0.00	0.00	0.19	0.01	0.33	8.44	0.40	0.18	2.22	6.67	0.38	0.87	0.00	0.05	0.00	0.00	1.68	0.12	0.03
2008-09	0.10	0.30	0.03	0.00	0.00	0.27	0.02	0.89	8.94	0.38	0.37	2.29	5.86	0.44	0.90	0.37	0.21	0.00	0.00	1.91	0.00	0.00
2009-10	0.14	0.31	0.02	0.00	0.00	0.45	0.03	0.68	8.25	0.34	0.23	2.39	5.40	0.46	0.93	0.84	0.18	0.00	0.25	2.52	0.03	0.53
2010-11	0.16	0.27	0.04	0.00	0.00	0.40	0.02	0.24	11.66	0.37	0.19	1.99	5.32	0.51	0.99	0.35	0.37	0.00	0.00	2.35	0.04	0.01
2011-12	0.17	0.56	0.03	0.00	0.00	0.27	0.02	0.82	12.05	0.43	0.14	2.23	4.49	0.34	1.04	0.26	0.15	0.00	0.00	3.06	0.07	0.03

Note: Please refer Table 1 for description of the industry.

Table A12: Location Quotients: Karnataka

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.73	0.23	0.47	6.45	0.40	0.90	1.35	1.74	0.22	0.57	0.99	1.00	0.52	1.18	1.11	1.49	1.87	2.25	2.78	1.36	0.46	0.28
1999-00	0.97	0.21	0.52	5.78	0.65	1.05	1.28	1.02	0.40	0.54	0.78	0.98	0.52	1.19	1.21	0.72	1.57	1.79	2.92	1.47	0.31	0.20
2000-01	0.91	0.19	0.43	5.75	0.55	1.13	1.28	1.27	0.32	0.56	1.07	0.91	0.54	0.79	0.93	0.83	1.59	3.04	2.28	1.53	0.46	0.50
2001-02	0.94	0.17	0.40	5.94	0.33	0.68	1.43	1.22	0.27	0.60	0.79	0.86	0.67	0.86	1.06	0.83	1.49	2.80	2.60	1.40	0.43	0.48
2002-03	0.96	0.18	0.39	6.24	0.32	0.98	1.13	1.00	0.34	0.55	1.01	0.60	0.62	0.77	1.08	0.86	1.61	2.67	2.65	1.48	0.43	0.47
2003-04	0.85	0.18	0.33	6.02	0.33	0.70	1.30	1.11	0.38	0.52	1.02	0.74	0.51	0.73	1.28	0.74	1.58	2.63	2.07	1.24	0.41	0.53
2004-05	0.85	0.18	0.31	5.63	0.31	0.81	1.21	1.13	0.38	0.49	0.85	0.73	0.63	0.73	1.16	1.41	1.41	2.32	2.22	1.35	0.53	0.55
2005-06	0.87	0.20	0.37	5.33	0.22	1.25	1.24	1.01	0.33	0.57	0.78	0.54	0.59	0.76	1.16	1.25	1.42	1.58	1.65	1.15	0.46	0.50
2006-07	0.78	0.18	0.27	5.77	0.29	1.03	1.13	1.09	0.35	0.59	0.79	0.51	0.64	1.00	1.12	1.01	1.32	2.09	1.54	1.27	0.37	0.49
2007-08	0.82	0.15	0.28	5.44	0.17	0.93	0.78	1.51	0.22	0.48	0.69	0.54	0.61	0.91	1.04	0.54	1.36	3.53	2.80	0.97	0.45	0.51
2008-09	0.86	0.17	0.28	4.53	0.12	0.73	1.15	1.18	0.31	0.60	0.73	0.52	0.66	0.67	1.53	1.54	1.44	1.18	1.65	0.86	0.63	0.78
2009-10	0.97	0.18	0.25	4.15	0.17	1.25	1.05	1.47	0.36	0.57	0.87	0.42	0.59	1.02	1.18	2.01	1.29	0.43	1.86	0.98	0.58	0.75
2010-11	0.99	0.18	0.22	4.06	0.25	0.92	1.01	1.32	0.55	0.60	0.95	0.54	0.61	0.92	1.35	1.82	1.07	1.13	2.60	1.11	0.56	0.68
2011-12	0.88	0.22	0.19	4.79	0.27	0.77	1.08	1.08	0.73	0.60	0.80	0.45	0.69	0.83	1.24	1.69	1.14	0.41	1.91	0.82	0.49	0.49

Note: Please refer Table 1 for description of the industry.

Table A13: Location Quotients: Kerala

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	2.96	0.19	0.56	0.27	0.55	5.48	0.95	1.01	0.85	0.79	1.83	1.28	0.26	0.41	0.17	1.45	0.64	0.97	0.67	0.00	0.39	0.41
1999-00	3.00	0.16	0.62	0.22	0.23	4.95	0.99	1.27	2.69	0.62	1.47	1.03	0.20	0.28	0.16	0.76	0.54	1.45	0.56	0.03	0.36	0.47
2000-01	3.13	0.15	0.59	0.23	0.19	4.40	0.77	1.50	1.18	0.59	1.47	1.01	0.29	0.26	0.22	0.82	0.57	1.41	0.50	0.01	0.54	0.39
2001-02	3.00	0.87	0.53	0.20	0.26	3.56	0.69	1.17	0.97	0.62	1.29	0.80	0.25	0.23	0.18	0.00	0.58	1.33	0.92	0.01	0.52	0.30
2002-03	2.94	0.80	0.56	0.25	0.22	4.98	0.62	1.26	1.09	0.63	1.50	0.75	0.26	0.27	0.20	0.83	0.68	1.81	0.54	0.00	0.58	0.18
2003-04	3.12	1.32	0.45	0.22	0.15	3.81	0.48	1.31	0.90	0.50	1.31	0.75	0.26	0.25	0.15	0.55	0.54	1.30	0.38	0.01	0.46	0.21
2004-05	3.16	1.40	0.46	0.23	0.11	3.24	0.50	1.39	1.10	0.49	1.26	0.76	0.29	0.23	0.20	0.49	0.49	1.88	0.48	0.01	0.48	0.33
2005-06	3.27	1.95	0.39	0.19	0.23	3.57	0.60	0.94	0.97	0.53	1.22	0.65	0.30	0.22	0.15	0.63	0.37	1.71	0.52	0.01	0.53	0.26
2006-07	3.32	2.62	0.31	0.27	0.31	2.95	0.68	1.08	0.95	0.49	1.19	0.66	0.36	0.16	0.17	0.56	0.40	1.99	0.57	0.02	0.62	0.22
2007-08	3.49	2.79	0.33	0.34	0.18	2.89	0.30	1.14	0.92	0.50	1.38	0.55	0.26	0.27	0.15	0.73	0.41	0.85	0.66	0.01	0.80	0.16
2008-09	3.42	2.59	0.41	0.28	0.32	4.25	0.63	0.58	1.17	0.49	1.40	0.55	0.40	0.14	0.21	1.03	0.33	0.31	0.26	0.02	0.67	0.25
2009-10	3.47	3.04	0.44	0.26	0.41	3.63	0.57	0.84	1.91	0.44	1.32	0.60	0.18	0.21	0.12	1.19	0.28	0.22	0.79	0.02	0.63	0.32
2010-11	3.59	2.62	0.59	0.30	0.56	2.88	0.57	0.75	1.78	0.50	1.24	0.73	0.22	0.17	0.14	1.92	0.33	0.00	0.54	0.02	0.60	0.36
2011-12	3.84	2.38	0.49	0.27	0.33	3.67	0.66	0.97	1.45	0.42	1.23	0.63	0.16	0.26	0.30	0.93	0.34	0.47	0.55	0.01	0.46	0.28

Note: Please refer Table 1 for description of the industry.

Table A14: Location Quotients: Madhya Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.56	0.69	2.20	0.05	0.57	0.65	1.21	0.45	0.40	0.63	1.37	1.62	0.39	0.87	0.38	0.00	2.70	0.93	0.41	0.92	0.15	0.42
1999-00	0.58	0.78	1.39	0.04	0.61	0.99	1.66	0.35	0.43	1.02	1.35	1.52	0.84	0.93	0.55	0.00	3.68	1.13	0.70	1.30	0.34	0.40
2000-01	0.62	1.68	1.23	0.07	0.54	0.68	1.52	0.41	0.38	1.08	1.39	1.48	0.59	0.91	0.48	0.00	2.97	1.00	0.46	1.31	0.38	0.42
2001-02	0.67	0.75	1.24	0.12	0.63	0.63	1.93	0.53	0.39	1.00	1.45	1.79	0.62	0.98	0.54	0.00	3.32	1.17	0.51	1.65	0.44	0.58
2002-03	0.80	0.76	1.30	0.11	0.66	0.60	1.16	0.54	0.69	1.15	1.74	1.19	0.55	0.88	0.57	0.00	3.27	1.33	0.47	1.55	0.50	0.51
2003-04	0.86	0.76	1.09	0.10	0.58	0.76	1.45	0.49	0.49	1.18	1.92	1.48	0.66	0.98	0.59	0.00	3.02	1.38	0.50	1.42	0.60	0.70
2004-05	0.88	1.00	1.03	0.09	0.52	0.86	1.06	0.54	0.59	1.09	1.70	1.37	0.78	0.97	0.63	0.00	3.38	1.73	0.64	1.30	0.97	0.39
2005-06	0.75	1.31	1.00	0.17	0.62	0.71	1.53	0.67	0.44	1.24	2.02	1.31	0.58	1.06	0.68	0.00	3.06	1.45	0.57	1.34	0.50	0.40
2006-07	1.04	0.92	0.96	0.24	0.59	0.67	1.41	0.61	0.56	1.27	1.96	1.25	0.55	1.00	0.67	0.29	3.38	0.50	0.88	1.15	0.63	0.44
2007-08	0.98	0.91	1.04	0.29	0.52	0.79	1.33	0.67	0.48	1.21	1.92	1.40	0.60	0.98	0.69	0.29	2.77	0.35	0.67	1.15	0.86	0.43
2008-09	1.00	0.88	1.15	0.14	0.59	0.52	1.36	0.71	0.51	1.10	2.07	1.41	0.79	0.75	0.83	0.00	2.62	0.76	0.48	1.05	0.58	0.48
2009-10	0.85	1.28	0.97	0.14	0.61	1.24	1.16	1.40	0.70	1.11	2.22	1.13	1.02	1.00	0.95	0.00	2.47	0.37	1.22	1.07	0.38	0.46
2010-11	0.89	1.03	1.16	0.22	0.47	0.83	0.96	0.88	1.09	1.21	2.12	1.40	0.76	0.72	0.69	0.08	2.06	0.53	0.51	1.20	0.81	0.46
2011-12	1.08	0.73	1.12	0.06	0.49	0.93	1.55	1.15	0.69	1.33	2.09	0.94	0.78	0.84	0.73	0.16	2.30	0.04	0.79	1.33	0.51	0.44

Note: Please refer Table 1 for description of the industry.

Table A15: Location Quotients: Maharashtra

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.76	0.89	0.96	0.34	0.20	0.34	1.24	1.31	1.20	1.41	1.15	0.54	0.77	1.58	1.56	2.38	1.24	1.02	0.96	1.52	0.60	2.82
1999-00	0.81	0.63	0.94	0.49	0.27	0.59	1.22	1.42	0.95	1.07	1.38	0.54	0.79	1.70	1.58	3.35	1.14	1.63	1.47	1.60	1.45	2.22
2000-01	0.94	0.82	0.88	0.37	0.12	0.57	1.06	1.47	1.10	1.16	1.37	0.53	0.79	1.46	1.61	4.40	1.18	1.29	1.05	1.47	1.19	2.62
2001-02	0.86	1.49	0.82	0.33	0.09	0.53	1.08	1.37	0.98	1.19	1.27	0.46	0.80	1.40	1.44	2.67	1.18	1.00	0.95	1.55	1.20	2.38
2002-03	0.88	1.61	0.80	0.31	0.08	0.67	0.92	1.22	1.31	1.25	1.15	0.35	0.85	1.43	1.47	1.85	1.36	1.13	1.33	1.52	1.17	2.29
2003-04	0.86	1.09	0.77	0.30	0.14	0.63	1.00	1.23	1.06	1.27	1.34	0.47	0.88	1.54	1.66	1.81	1.37	1.36	1.27	1.63	1.30	2.19
2004-05	0.76	0.91	0.74	0.32	0.17	0.63	1.06	1.53	1.03	1.32	1.36	0.41	0.95	1.56	1.68	2.43	1.38	1.28	1.27	1.94	1.33	2.29
2005-06	0.83	0.84	0.79	0.29	0.14	0.49	0.95	1.42	1.08	1.28	1.29	0.39	0.99	1.43	1.63	1.83	1.43	1.35	0.96	2.09	1.40	2.31
2006-07	0.84	0.79	0.66	0.31	0.15	0.69	1.00	1.59	0.95	1.15	1.34	0.36	1.12	1.47	1.51	2.64	1.24	1.46	1.19	2.06	2.24	2.22
2007-08	0.97	0.72	0.73	0.25	0.11	0.76	0.79	1.27	0.70	1.14	1.28	0.37	1.00	1.31	1.82	2.40	1.57	1.18	0.82	2.02	1.46	2.34
2008-09	0.87	0.67	0.81	0.33	0.14	0.50	0.91	1.61	0.50	1.22	1.36	0.38	1.05	1.48	1.66	1.57	1.36	1.24	1.21	1.76	1.67	2.29
2009-10	0.90	0.76	0.84	0.30	0.16	0.75	0.91	1.64	0.64	1.20	1.27	0.28	1.06	1.66	1.64	1.61	1.28	0.91	1.44	1.75	1.45	1.99
2010-11	0.92	0.75	0.80	0.39	0.11	0.57	0.91	1.46	0.81	1.15	1.19	0.29	0.96	1.64	1.76	1.40	1.21	1.30	1.24	1.76	1.31	1.85
2011-12	0.91	0.77	0.75	0.29	0.10	0.81	0.94	1.44	0.94	1.20	1.24	0.34	1.05	1.78	1.59	1.42	1.28	1.17	0.97	1.79	1.22	1.56

Note: Please refer Table 1 for description of the industry.

Table A16: Location Quotients: Odisha

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.79	0.18	0.56	0.03	0.00	1.84	3.64	0.36	0.62	0.83	1.31	2.26	4.20	1.50	0.35	0.00	0.36	0.34	0.00	0.01	0.00	0.76
1999-00	0.66	1.10	0.41	0.01	0.00	1.64	2.74	0.24	0.79	1.00	0.85	1.71	4.55	0.76	0.42	0.00	0.27	0.07	0.18	0.08	0.00	0.61
2000-01	0.90	0.18	0.51	0.00	0.00	1.61	2.98	0.20	0.47	0.96	1.41	1.70	5.22	0.51	0.31	0.00	0.32	0.04	0.00	0.06	0.00	0.56
2001-02	1.01	0.19	0.29	0.00	0.00	1.88	2.68	0.20	0.79	0.73	1.36	1.94	5.49	0.69	0.32	0.00	0.39	0.00	0.00	0.05	0.00	0.27
2002-03	1.15	0.55	0.23	0.02	0.00	1.60	2.93	0.19	0.81	0.91	1.08	1.42	5.32	0.55	0.32	0.00	0.34	0.12	0.00	0.03	0.00	0.25
2003-04	0.98	1.00	0.20	0.01	0.00	1.20	2.42	0.19	1.21	0.86	0.97	1.96	5.39	0.57	0.33	0.00	0.30	0.09	0.00	0.03	0.00	0.39
2004-05	0.80	2.61	0.13	0.01	0.00	1.32	1.36	0.22	2.85	0.61	0.83	1.92	5.14	0.46	0.30	0.00	0.22	0.17	0.00	0.01	0.00	0.15
2005-06	1.08	1.17	0.15	0.00	0.00	1.22	2.46	0.18	0.91	0.62	0.72	1.85	5.88	0.49	0.31	0.00	0.19	0.00	0.00	0.02	0.00	0.17
2006-07	0.95	1.29	0.13	0.00	0.00	1.01	2.27	0.17	0.81	0.71	0.80	1.71	5.83	0.30	0.39	0.00	0.30	0.00	0.00	0.01	0.00	0.18
2007-08	0.74	1.27	0.12	0.00	0.00	0.93	1.50	0.13	0.71	0.68	0.67	1.57	6.62	0.31	0.36	0.00	0.24	0.00	0.00	0.01	0.00	0.20
2008-09	0.69	1.29	0.08	0.00	0.00	0.78	1.66	0.15	1.24	0.53	0.37	1.34	7.05	0.29	0.11	0.00	0.24	0.00	0.00	0.01	0.00	0.15
2009-10	0.86	0.66	0.10	0.00	0.00	0.70	1.53	0.17	0.76	0.48	0.49	1.43	7.66	0.17	0.08	0.00	0.18	0.00	0.00	0.01	0.00	0.11
2010-11	0.78	1.17	0.07	0.00	0.00	0.62	1.12	0.14	1.08	0.41	0.45	1.16	7.81	0.28	0.07	0.00	0.15	0.00	0.00	0.01	0.00	0.13
2011-12	0.65	1.34	0.09	0.00	0.00	0.85	0.98	0.15	3.71	0.46	0.49	1.14	7.49	0.23	0.11	0.00	0.20	0.00	0.00	0.02	0.00	0.08

Note: Please refer Table 1 for description of the industry.

Table A17: Location Quotients: Punjab

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	1.71	0.00	1.23	0.40	1.03	0.60	0.82	0.14	0.04	0.40	1.56	0.08	0.70	1.73	1.00	0.00	0.60	0.86	0.31	1.29	2.61	0.53
1999-00	1.48	0.00	1.23	0.05	0.90	0.44	0.84	0.29	0.13	0.41	1.86	0.11	0.96	1.73	1.14	0.00	0.48	1.38	0.41	1.35	4.11	0.95
2000-01	1.44	0.00	1.31	0.02	1.02	0.54	0.81	0.75	0.05	0.44	1.65	0.29	0.92	1.43	1.28	0.00	0.55	0.52	0.25	1.20	4.55	0.64
2001-02	1.52	0.00	1.31	0.14	0.69	0.74	0.81	0.41	0.07	0.38	1.44	0.32	0.92	1.39	1.31	0.42	0.52	1.04	0.34	1.16	4.76	0.68
2002-03	1.54	0.00	1.23	0.12	0.72	0.66	2.43	0.35	0.04	0.42	1.38	0.26	0.90	1.43	1.28	0.00	0.49	0.74	0.50	1.22	4.80	0.54
2003-04	1.44	0.00	1.29	0.15	0.78	0.64	1.33	0.41	0.10	0.37	1.44	0.49	0.80	1.79	1.28	0.00	0.64	0.66	0.24	1.08	4.57	0.59
2004-05	1.54	0.00	1.28	0.05	0.70	0.83	1.20	0.29	0.05	0.40	1.12	1.33	0.81	1.28	1.34	0.00	0.55	0.44	0.23	0.73	4.11	0.44
2005-06	1.29	0.00	1.26	0.13	0.44	0.62	1.11	0.27	0.05	0.34	1.27	1.78	0.82	1.53	1.35	0.00	0.50	0.51	0.32	0.76	4.41	0.49
2006-07	1.36	0.00	1.21	0.13	0.48	0.60	1.06	0.25	0.04	0.35	0.95	2.09	0.75	1.52	1.40	0.00	0.36	0.38	0.45	0.77	2.95	0.64
2007-08	1.32	0.00	1.48	0.10	0.36	0.46	0.92	0.43	0.04	0.42	1.09	1.92	0.80	1.41	1.25	0.00	0.61	0.28	0.41	0.69	2.98	0.34
2008-09	1.28	0.00	1.20	1.11	0.29	0.65	1.04	0.14	0.02	0.41	0.72	2.06	0.78	1.22	0.91	0.12	0.43	0.52	0.38	0.78	3.78	0.35
2009-10	1.25	0.00	1.25	0.97	0.31	0.51	0.84	0.32	0.09	0.40	0.97	2.17	0.79	1.18	1.22	0.23	0.35	0.21	0.35	0.67	3.58	0.37
2010-11	1.37	0.00	1.28	1.31	0.24	0.43	0.83	0.27	0.04	0.28	0.69	1.82	0.81	1.15	1.17	0.11	0.35	0.32	0.38	0.50	3.54	0.53
2011-12	1.11	0.00	1.57	1.04	0.32	0.60	0.91	0.25	0.04	0.33	0.66	2.12	0.69	0.98	1.29	0.20	0.39	0.26	0.41	0.53	3.72	0.57

Note: Please refer Table 1 for description of the industry.

Table A18: Location Quotients: Rajasthan

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.50	0.21	1.87	0.30	0.34	0.47	0.31	0.42	0.66	0.66	1.30	2.98	1.15	0.88	0.69	0.81	0.77	0.95	1.06	0.30	0.43	1.94
1999-00	0.45	0.25	2.10	0.46	0.48	0.58	0.29	0.46	0.51	0.59	0.86	2.99	0.89	0.57	0.96	0.36	0.46	1.03	1.25	0.35	0.26	1.97
2000-01	0.42	0.22	1.85	0.36	0.48	0.55	0.38	0.49	0.39	0.84	1.03	2.83	1.00	0.47	1.14	0.32	0.87	0.98	1.54	0.20	0.71	2.60
2001-02	0.48	0.21	1.95	0.46	0.66	0.41	0.33	0.44	0.47	0.65	0.94	2.85	0.90	0.77	0.92	0.26	0.59	1.08	1.31	0.56	0.44	2.09
2002-03	0.49	0.23	1.90	0.37	0.60	0.42	0.34	0.31	0.20	0.80	1.10	2.50	0.85	0.59	0.82	0.36	0.78	0.95	1.25	0.38	0.25	2.69
2003-04	0.42	0.20	1.84	0.23	0.75	0.54	0.34	0.38	0.42	0.76	0.99	3.59	0.85	0.49	0.84	0.30	0.64	1.07	1.31	0.36	0.20	3.08
2004-05	0.45	0.22	1.83	0.45	0.64	0.58	0.37	0.30	0.30	0.91	0.94	3.06	0.76	0.57	0.67	0.24	0.51	1.00	1.55	0.37	0.28	3.34
2005-06	0.47	0.50	1.75	0.60	0.64	0.98	0.49	0.41	0.37	0.76	0.85	3.00	0.82	0.39	0.72	0.27	0.75	0.63	1.56	0.62	0.22	2.44
2006-07	0.50	0.56	1.67	0.60	0.69	0.66	0.43	0.28	0.10	0.77	0.82	2.83	1.10	0.37	0.69	0.00	0.83	0.65	1.70	0.47	0.21	2.01
2007-08	0.50	0.51	1.74	0.99	0.47	0.77	0.48	0.27	0.07	0.74	0.96	2.87	0.78	0.37	0.64	0.00	0.97	0.55	1.61	0.54	0.30	2.30
2008-09	0.57	0.61	1.93	0.47	0.46	2.66	0.47	0.32	0.16	0.76	0.70	2.73	0.91	0.66	0.55	0.37	0.99	0.53	1.93	0.47	0.11	1.65
2009-10	0.63	0.42	1.94	0.50	0.66	2.62	0.51	0.28	0.27	0.75	0.70	2.66	0.91	0.70	0.60	0.20	1.08	1.11	1.86	0.49	0.11	1.69
2010-11	0.63	0.34	1.87	0.57	0.58	2.24	0.25	0.37	0.23	0.68	0.69	2.67	0.93	0.84	0.66	0.53	1.07	2.12	1.45	0.38	0.21	1.77
2011-12	0.66	0.43	1.79	0.50	0.62	2.13	0.50	0.32	0.10	0.79	0.90	2.67	0.74	0.83	0.78	0.36	0.98	1.32	1.73	0.68	0.37	1.45

Note: Please refer Table 1 for description of the industry.

Table A19: Location Quotients: Tamil Nadu

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.89	0.10	1.42	2.05	3.47	0.77	0.91	1.03	0.50	1.61	0.66	0.61	0.51	1.11	0.72	0.43	0.46	0.57	0.82	1.47	0.32	0.64
1999-00	0.74	0.07	1.55	2.54	3.22	0.47	0.85	1.63	0.38	1.59	0.65	0.44	0.33	0.95	0.80	0.27	0.41	0.45	1.04	1.32	0.67	0.74
2000-01	0.70	0.06	1.52	2.42	3.08	0.40	0.88	1.24	0.46	1.44	0.63	0.55	0.39	0.98	0.91	0.03	0.51	0.42	0.92	1.40	0.53	0.70
2001-02	0.70	0.08	1.58	2.04	3.31	0.60	0.78	1.40	0.39	1.51	0.64	0.60	0.33	0.95	0.91	0.39	0.56	0.55	0.94	1.34	0.56	0.90
2002-03	0.74	0.08	1.70	1.91	2.80	0.53	0.79	1.36	0.35	1.49	0.76	0.41	0.48	0.99	0.88	0.27	0.53	0.44	0.77	1.66	0.51	0.72
2003-04	0.69	0.03	1.76	1.73	2.68	0.65	0.87	1.33	0.30	1.40	0.70	0.51	0.45	0.90	0.86	0.44	0.46	0.54	0.88	1.60	0.47	0.69
2004-05	0.69	0.05	1.78	1.68	2.69	0.64	0.78	1.21	0.26	1.38	0.77	0.55	0.41	0.96	0.77	0.55	0.61	0.54	0.63	1.48	0.48	0.68
2005-06	0.70	0.04	1.85	1.56	2.61	0.68	0.81	1.36	0.19	1.21	0.78	0.47	0.48	0.94	0.86	0.66	0.45	0.37	0.61	1.56	0.62	0.64
2006-07	0.67	0.04	2.16	1.22	2.38	0.48	0.75	1.12	0.13	1.08	0.75	0.49	0.44	0.85	0.98	0.34	0.43	0.36	0.75	1.47	0.27	0.59
2007-08	0.63	0.05	1.77	1.29	3.15	0.65	1.96	1.32	0.23	1.13	0.85	0.46	0.33	1.17	0.94	0.56	0.28	0.32	0.70	1.50	0.42	0.81
2008-09	0.64	0.05	1.76	1.82	2.71	0.53	0.88	1.23	0.21	1.01	0.89	0.49	0.35	1.26	0.84	1.08	0.38	0.83	0.89	1.67	0.40	0.58
2009-10	0.67	0.05	1.61	1.96	2.36	0.43	0.95	1.30	0.52	0.93	0.86	0.46	0.44	1.08	1.10	1.24	0.35	0.56	0.89	1.63	0.47	0.60
2010-11	0.65	0.04	1.54	1.98	2.59	0.58	0.86	1.26	0.44	0.87	0.72	0.39	0.38	1.38	0.90	1.42	0.58	0.85	0.94	1.79	0.35	0.63
2011-12	0.72	0.05	1.50	1.91	2.56	0.52	0.87	1.19	0.46	0.91	0.81	0.43	0.41	1.16	1.06	1.06	0.61	0.91	0.97	1.71	0.44	0.68

Note: Please refer Table 1 for description of the industry.

Table A20: Location Quotients: Uttar Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	1.79	0.30	0.67	0.52	1.68	0.74	1.14	2.20	0.86	0.79	1.53	0.80	0.64	0.85	0.87	1.41	1.35	2.28	1.06	0.86	0.70	1.47
1999-00	1.79	0.30	0.53	0.57	1.90	0.90	1.09	1.02	0.45	0.93	1.30	0.91	0.72	0.63	0.82	1.29	1.48	1.90	0.67	0.89	1.27	2.62
2000-01	1.72	0.35	0.50	0.59	2.78	0.84	0.88	0.84	0.40	0.87	0.85	0.90	0.64	1.76	0.84	1.06	1.49	2.48	1.05	1.03	1.18	1.31
2001-02	1.70	0.30	0.49	0.51	2.57	0.98	1.04	1.35	0.21	0.88	0.90	0.78	0.73	2.23	0.74	3.06	1.29	2.28	1.13	0.87	1.39	0.98
2002-03	1.72	0.28	0.53	0.57	3.75	0.87	0.85	1.33	0.42	0.78	1.00	0.51	0.66	2.69	0.74	4.38	1.20	2.38	0.97	0.68	1.26	0.99
2003-04	1.65	0.30	0.58	0.76	3.82	1.06	1.07	1.33	0.49	0.73	0.76	0.68	0.59	2.36	0.70	4.12	1.22	2.25	1.11	0.75	1.17	0.68
2004-05	1.63	0.42	0.47	0.84	3.90	1.08	1.19	1.47	0.35	0.69	0.72	0.69	0.68	2.30	0.68	4.18	1.17	2.46	1.12	0.80	1.29	0.61
2005-06	1.60	0.32	0.41	1.00	4.36	1.15	0.95	1.43	0.28	0.77	0.76	0.80	0.59	2.10	0.75	4.63	1.11	2.87	1.21	0.77	0.77	0.65
2006-07	1.55	0.33	0.42	0.95	4.44	1.47	0.91	1.60	0.35	0.76	0.85	1.15	0.53	2.03	0.72	4.05	1.14	2.59	1.01	0.74	0.89	0.61
2007-08	1.61	0.26	0.35	1.12	3.37	1.53	0.74	1.34	0.89	0.56	0.91	1.06	0.54	2.21	0.67	4.34	1.02	2.34	1.07	0.72	1.05	0.71
2008-09	1.52	0.29	0.41	1.11	3.81	0.97	0.97	1.51	0.83	0.63	0.78	1.03	0.44	2.05	0.77	3.37	1.01	2.20	0.25	0.87	0.64	0.89
2009-10	1.50	0.41	0.40	1.20	3.58	1.06	0.93	1.48	0.85	0.64	0.75	1.01	0.35	1.85	0.68	2.59	1.41	1.36	0.41	0.74	1.01	0.84
2010-11	1.41	0.27	0.39	1.45	3.66	1.03	1.05	1.92	1.06	0.68	0.93	0.99	0.45	1.42	0.72	2.28	1.22	3.38	1.26	0.59	0.76	0.89
2011-12	1.39	0.55	0.39	1.37	3.46	0.84	1.09	2.60	0.34	0.70	0.89	0.99	0.42	1.66	0.72	2.22	1.03	3.04	0.50	0.73	0.77	0.73

Note: Please refer Table 1 for description of the industry.

Table A21: Location Quotients: Uttarakhand

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	1.96	0.00	0.21	0.23	0.14	0.00	6.32	0.00	0.00	0.27	1.18	1.88	0.04	0.53	0.00	0.00	1.72	13.24	3.44	0.06	0.08	0.36
1999-00	1.69	0.00	0.23	0.00	0.28	2.23	7.93	1.90	0.00	0.63	0.82	3.58	0.06	0.01	0.12	0.00	2.54	2.20	4.58	0.00	0.00	0.48
2000-01	1.60	0.00	0.19	0.07	0.00	1.41	5.91	0.68	0.00	0.47	1.21	1.22	0.71	0.92	3.13	0.00	2.82	1.87	5.95	0.00	0.08	0.64
2001-02	1.48	0.00	0.17	0.08	0.04	3.08	6.02	0.82	0.00	0.58	1.23	1.16	0.69	0.89	3.10	0.00	2.99	2.03	5.54	0.00	0.08	0.63
2002-03	1.83	0.00	0.04	0.08	0.04	2.75	6.08	0.88	0.00	0.66	1.24	0.89	0.70	0.74	3.00	0.00	2.61	1.85	4.54	0.07	0.00	0.64
2003-04	1.83	0.00	0.05	0.07	0.00	2.54	6.22	0.90	0.00	0.64	1.13	1.11	0.62	0.94	3.08	0.00	2.80	1.74	3.72	0.05	0.00	0.53
2004-05	1.60	0.00	0.07	0.36	0.12	2.70	5.87	0.44	0.00	0.89	1.16	0.96	0.81	0.86	2.77	0.00	3.48	2.55	3.34	0.07	0.00	0.48
2005-06	1.23	0.00	0.10	0.08	0.36	2.17	4.78	0.73	0.00	2.03	1.48	1.33	0.42	1.74	2.05	0.00	3.65	1.80	2.69	0.06	0.07	0.30
2006-07	1.08	0.00	0.11	0.13	0.95	2.33	4.77	0.63	0.12	2.70	1.33	0.57	0.31	2.13	1.67	0.00	4.34	2.50	1.87	0.11	0.29	0.26
2007-08	0.91	0.00	0.13	0.06	0.89	3.09	2.54	0.64	0.08	2.68	1.09	0.72	0.44	1.25	2.18	0.46	4.03	2.13	1.62	0.99	0.64	0.18
2008-09	0.72	0.04	0.19	0.04	0.81	1.33	2.22	0.36	0.00	1.96	1.88	0.46	0.38	0.69	4.72	1.57	2.93	3.38	3.01	1.18	1.35	0.55
2009-10	0.69	0.00	0.23	0.04	0.79	1.30	3.24	0.69	0.31	2.52	2.13	0.32	0.37	0.89	1.06	1.82	2.76	2.00	4.45	2.55	1.14	0.78
2010-11	0.64	0.00	0.19	0.09	1.03	1.77	2.17	1.27	0.04	2.14	2.46	0.28	0.32	0.55	0.99	1.46	3.25	3.17	3.27	2.37	2.98	0.66
2011-12	0.62	0.00	0.19	0.04	0.88	1.38	2.39	0.46	0.00	1.99	2.45	0.33	0.26	0.80	0.95	1.20	2.69	3.16	2.84	2.89	2.65	1.09

Note: Please refer Table 1 for description of the industry.

Table A22: Location Quotients: West Bengal

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.55	0.15	1.99	0.11	0.81	1.35	0.55	0.76	1.36	0.47	0.38	0.37	1.95	0.72	2.07	0.00	1.09	0.95	1.02	0.56	0.92	0.18
1999-00	0.62	0.33	2.16	0.10	1.12	1.31	0.52	0.97	1.23	0.55	0.53	0.49	1.96	0.79	0.76	0.24	0.91	0.75	1.00	0.48	1.77	0.22
2000-01	0.55	0.31	2.36	0.05	0.80	1.35	0.48	1.00	1.44	0.43	0.46	0.47	2.16	0.76	0.65	0.40	0.95	0.37	0.95	0.52	1.70	0.18
2001-02	0.61	0.44	2.31	0.08	0.87	1.64	0.51	0.77	1.28	0.51	0.49	0.40	2.27	0.71	0.69	0.22	0.94	0.52	0.80	0.46	1.65	0.19
2002-03	0.64	0.39	2.52	0.06	0.84	1.71	0.65	0.82	1.44	0.51	0.48	0.33	2.23	0.66	0.65	0.21	0.92	0.52	0.80	0.38	1.44	0.26
2003-04	0.68	0.51	2.41	0.08	0.89	1.27	0.53	1.09	1.38	0.42	0.44	0.50	2.10	0.70	0.62	0.17	0.96	0.50	0.74	0.40	1.22	0.22
2004-05	0.75	0.40	2.56	0.04	1.00	1.46	0.61	0.91	1.28	0.45	0.45	0.42	2.02	0.69	0.58	0.12	0.82	0.45	0.58	0.35	1.44	0.18
2005-06	0.83	0.73	2.47	0.05	1.04	1.21	0.58	0.82	1.43	0.44	0.53	0.41	2.03	0.63	0.57	0.12	0.74	0.51	0.61	0.06	1.23	0.31
2006-07	0.88	0.61	2.13	0.11	0.91	1.46	0.57	1.20	1.25	0.46	0.41	0.35	2.30	0.96	0.66	0.28	0.78	0.55	0.68	0.06	1.18	0.12
2007-08	0.84	0.54	2.63	0.06	0.70	2.10	0.40	0.81	0.95	0.43	0.51	0.34	2.23	0.52	0.48	0.35	0.73	0.40	0.54	0.20	1.43	0.14
2008-09	0.88	1.02	2.46	0.20	1.25	2.36	0.54	0.86	1.50	0.52	0.43	0.34	2.04	0.61	0.46	0.16	0.79	0.70	0.68	0.13	1.48	0.20
2009-10	0.94	0.57	2.38	0.25	1.98	1.95	0.58	0.74	1.37	0.38	0.40	0.38	2.29	0.81	0.75	0.33	0.85	0.35	0.84	0.10	1.41	0.22
2010-11	0.92	0.68	2.42	0.18	1.56	1.78	0.64	1.12	1.94	0.43	0.38	0.39	2.30	0.91	0.63	0.21	0.83	0.59	0.76	0.10	1.17	0.35
2011-12	0.91	0.46	2.45	0.15	2.47	1.87	0.71	0.76	1.77	0.40	0.56	0.33	2.22	0.90	0.48	0.22	0.90	0.53	0.73	0.12	1.36	0.69

Note: Please refer Table 1 for description of the industry.

Table A23: Location Quotients: Other States/UTs

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
1998-99	0.33	0.02	0.84	0.78	1.55	7.05	2.33	2.46	0.45	1.45	4.76	1.60	0.54	1.20	1.08	4.58	1.12	0.70	1.24	0.14	0.29	1.66
1999-00	0.33	0.02	0.97	0.65	1.27	5.20	2.49	1.81	0.38	1.32	4.31	1.28	0.54	0.95	1.05	6.75	2.13	1.25	1.05	0.19	0.47	1.53
2000-01	0.30	0.02	1.00	0.44	0.92	4.54	2.88	1.18	0.61	1.38	5.06	1.44	0.58	0.81	1.03	3.33	1.68	1.23	1.70	0.18	0.56	1.54
2001-02	0.25	0.03	0.97	0.25	0.85	1.77	1.75	0.93	0.62	1.36	6.48	1.43	0.62	1.00	1.17	2.92	1.74	0.95	1.24	0.24	0.54	1.75
2002-03	0.25	0.03	1.07	0.51	0.69	1.70	1.79	0.89	0.32	1.73	4.95	1.25	0.53	1.12	1.09	3.97	2.37	0.74	1.42	0.11	0.56	1.74
2003-04	0.24	0.04	0.93	0.38	0.62	1.46	1.82	1.07	0.35	1.50	5.15	1.84	0.70	0.67	1.19	6.37	2.38	0.81	1.42	0.17	0.42	2.05
2004-05	0.22	0.04	0.84	0.34	0.63	1.49	2.25	0.93	0.43	1.45	5.56	1.81	0.74	0.69	1.04	2.90	2.69	0.75	1.60	0.15	0.42	1.78
2005-06	0.23	0.06	0.93	0.34	0.57	1.60	1.63	0.89	0.46	1.42	4.93	1.86	0.82	0.61	0.93	2.82	3.03	0.91	1.88	0.13	0.37	2.06
2006-07	0.24	0.05	0.80	0.55	0.49	1.96	1.96	0.54	0.41	1.54	5.72	1.77	0.64	0.79	0.77	3.84	2.43	0.89	1.28	0.12	0.29	1.91
2007-08	0.24	0.04	1.01	0.44	0.36	1.29	1.65	0.76	0.30	1.36	5.25	1.96	0.70	0.56	0.77	3.05	2.69	0.86	1.53	0.12	0.34	1.58
2008-09	0.25	0.07	1.09	0.43	0.31	1.18	1.67	0.61	0.42	1.21	4.53	1.90	0.69	0.78	0.54	1.09	2.76	1.07	1.77	0.15	0.18	2.27
2009-10	0.18	0.04	1.21	0.40	0.35	1.28	1.69	0.91	0.58	1.44	4.16	1.80	0.57	0.54	0.63	1.42	3.01	0.39	0.94	0.16	0.10	2.09
2010-11	0.22	0.04	1.20	0.50	0.13	0.85	2.18	0.50	0.53	1.54	4.35	1.92	0.61	0.46	0.53	1.28	2.25	0.27	0.88	0.13	0.08	1.89
2011-12	0.24	0.07	1.45	0.51	0.22	1.21	1.83	0.39	0.45	1.07	4.14	1.99	0.63	0.55	0.52	1.19	2.12	0.09	0.72	0.22	0.07	2.36

Note: Please refer Table 1 for description of the industry.

Annexure B: Lary's Index

Table B1: Lary's Index: Andhra Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.84	0.14	1.14	0.43	1.50	0.42	1.88	3.10	14.38	4.92	2.00	2.31	2.05	1.02	2.17	7.06	4.97	2.69	0.63	0.39	1.39	0.44	**1.05**
1999-00	0.84	0.14	1.00	0.37	0.29	0.67	1.69	3.20	4.58	4.60	1.81	1.68	2.80	2.69	1.81	10.37	4.83	4.68	1.09	1.28	0.75	0.56	**1.07**
2000-01	0.81	0.17	1.00	0.17	0.75	0.46	2.15	1.41	11.34	2.68	1.66	2.15	3.12	1.05	2.48	7.70	3.54	5.25	0.87	1.53	1.49	1.06	**1.03**
2001-02	1.14	0.12	0.82	0.73	0.46	0.92	1.97	1.50	25.23	4.42	2.56	1.42	3.93	1.18	1.67	3.76	4.64	7.76	1.05	1.26	1.26	0.82	**1.18**
2002-03	1.06	0.15	1.00	0.73	0.41	0.63	2.50	0.99	35.33	3.72	2.49	0.47	5.71	1.64	1.53	7.65	3.34	11.23	1.22	1.47	1.91	0.78	**1.09**
2003-04	0.93	0.14	1.05	0.61	0.32	0.54	2.29	2.01	51.32	3.76	2.15	1.58	8.19	1.41	1.64	7.45	6.20	13.58	1.86	2.06	1.36	0.78	**1.42**
2004-05	1.23	0.14	1.00	0.47	0.53	0.79	2.12	1.86	32.52	3.16	2.72	1.57	7.05	1.42	2.10	11.16	4.01	11.52	2.09	1.39	1.46	0.36	**1.44**
2005-06	1.34	0.14	1.01	0.57	0.50	1.15	2.37	1.82	15.09	3.42	1.64	1.71	4.75	2.28	1.93	20.27	5.08	7.30	2.82	0.72	1.70	0.94	**1.48**
2006-07	1.48	0.16	1.09	0.39	0.52	1.03	2.30	3.63	28.48	5.74	2.14	2.49	7.51	2.01	2.86	12.00	5.17	20.07	2.36	1.46	1.55	1.16	**2.04**
2007-08	1.10	0.15	1.31	0.54	0.42	1.19	2.22	3.02	33.57	4.25	3.91	5.56	7.75	2.27	2.96	10.70	3.42	7.25	3.77	2.32	1.62	1.28	**2.14**
2008-09	1.25	0.31	1.31	1.19	0.32	0.68	1.02	2.05	4.61	9.83	6.42	3.68	4.96	1.25	2.72	32.86	4.61	11.99	7.88	1.17	5.55	0.52	**2.56**
2009-10	1.24	0.03	2.82	0.94	0.63	1.38	--	0.69	14.78	4.97	6.59	2.93	5.44	2.00	1.62	21.47	3.96	1.67	18.51	1.83	2.66	2.07	**2.10**
2010-11	1.57	0.31	1.65	0.79	0.35	0.89	3.29	1.42	10.11	5.49	2.30	2.76	7.14	1.67	6.82	8.01	3.11	--	13.27	2.35	1.60	2.27	**2.29**
2011-12	1.84	0.29	0.98	0.60	0.31	0.36	3.70	0.93	3.61	7.38	2.81	3.66	6.93	1.51	3.40	4.71	5.09	6.08	5.30	1.89	4.27	4.59	**2.58**

Note: Please refer Table 1 for description of the industry.

Table B2: Lary's Index: Assam

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.98	--	0.31	--	--	0.52	2.58	1.03	7.13	0.18	0.99	0.90	1.31	0.42	0.64	--	1.61	--	--	0.02	--	--	**1.26**
1999-00	0.95	--	0.43	--	--	0.60	3.88	0.99	7.95	0.97	1.42	0.39	0.67	1.41	0.38	--	0.96	--	--	0.76	--	0.39	**1.32**
2000-01	0.70	0.30	0.47	--	--	0.23	3.22	0.80	5.22	1.22	1.03	0.26	1.43	0.68	0.88	--	3.47	--	--	0.51	--	0.46	**1.03**
2001-02	0.62	5.74	0.40	--	--	0.48	3.33	0.98	2.24	1.75	2.02	0.25	0.91	0.64	0.74	--	2.25	--	--	0.41	--	0.54	**0.81**
2002-03	0.58	11.95	0.33	--	--	0.30	3.78	0.99	17.56	6.35	1.08	0.41	0.64	0.66	1.48	--	2.71	2.50	--	0.45	--	1.84	**1.86**
2003-04	0.50	10.05	0.32	--	--	0.27	3.33	1.24	20.23	7.31	1.87	0.30	1.07	1.07	1.75	--	2.87	4.62	--	0.63	--	0.55	**2.04**
2004-05	0.56	8.54	0.67	--	--	0.22	3.34	1.03	14.45	7.61	2.50	0.57	0.27	0.78	1.46	--	3.01	21.91	--	0.53	--	1.76	**1.89**
2005-06	0.59	5.73	0.77	--	--	0.27	4.05	1.37	11.27	3.78	2.82	0.39	0.72	0.58	0.75	--	3.29	--	--	0.41	--	0.60	**1.56**
2006-07	0.62	4.93	0.56	--	--	0.38	3.54	1.55	8.28	5.68	2.82	0.48	4.49	0.62	0.86	--	1.85	2.84	--	0.72	--	0.51	**1.58**
2007-08	0.66	1.54	0.79	--	--	0.64	4.76	1.49	5.27	7.33	3.14	0.41	2.08	0.70	0.95	--	1.52	3.42	--	0.45	--	0.73	**1.52**
2008-09	1.10	14.22	1.03	1.62	--	0.91	3.00	1.98	0.74	7.94	2.76	0.35	2.84	1.09	1.06	5.14	2.20	--	--	1.56	--	1.67	**1.43**
2009-10	1.01	5.43	0.76	1.21	--	0.57	2.47	1.77	5.89	9.72	3.62	0.54	1.73	0.74	1.88	--	3.23	--	--	0.66	--	2.16	**1.71**
2010-11	0.97	5.84	0.37	0.86	--	0.92	0.41	4.81	13.02	4.89	4.24	0.82	4.32	0.88	1.25	1.42	1.21	--	--	0.92	--	3.65	**1.82**
2011-12	1.13	5.59	1.19	0.83	--	2.12	-0.48	65.95	6.45	6.04	1.79	0.58	2.17	0.34	1.25	1.38	2.85	--	--	1.19	--	16.68	**1.84**

Note: Please refer Table 1 for description of the industry.

Table B3: Lary's Index: Bihar

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.47	10.00	0.15	--	0.05	0.26	0.54	2.68	8.61	--	1.98	0.15	0.49	0.59	0.45	--	0.10	--	--	--	1.19	0.44	**1.05**
1999-00	1.29	5.87	0.25	--	0.96	0.18	0.40	2.68	16.12	0.08	1.06	0.18	1.50	1.44	0.64	--	0.50	--	--	--	2.57	1.48	**1.41**
2000-01	1.94	4.59	0.25	--	0.64	0.21	0.37	1.74	7.31	0.04	0.98	0.21	--	0.89	2.10	--	0.66	0.38	--	--	1.96	1.54	**1.08**
2001-02	1.81	3.93	0.36	--	0.61	0.28	0.60	3.89	2.96	0.10	1.20	0.13	0.83	0.29	0.42	--	--	--	--	4.30	1.75	1.14	**0.89**
2002-03	1.53	4.60	0.31	--	0.66	0.17	4.41	1.49	7.97	1.28	2.79	0.15	1.13	0.42	0.64	--	0.78	--	1.49	--	1.06	1.01	**1.28**
2003-04	1.33	5.02	0.14	--	1.12	0.19	6.38	1.46	3.49	1.10	0.90	0.13	0.72	0.42	0.64	--	0.63	--	--	--	0.27	1.70	**0.93**
2004-05	1.10	4.68	0.43	--	0.84	0.18	8.13	0.46	6.87	0.24	2.69	0.16	0.70	0.28	0.48	--	1.11	--	--	--	0.17	0.67	**1.04**
2005-06	1.72	5.20	0.30	--	0.50	0.15	8.32	0.82	--	0.77	2.77	0.13	0.68	1.05	0.51	--	0.28	--	--	--	0.10	0.92	**0.71**
2006-07	1.49	5.65	0.60	--	1.50	0.40	7.95	1.80	--	0.84	1.30	0.14	0.98	1.21	1.39	--	0.67	--	--	--	0.22	0.73	**0.66**
2007-08	1.55	12.98	0.69	--	0.74	0.39	4.37	2.94	0.49	0.91	1.73	0.15	1.75	1.79	1.14	--	0.85	--	--	--	0.34	0.95	**1.02**
2008-09	2.16	14.78	0.43	--	0.59	0.38	1.04	4.94	12.69	1.83	41.89	0.22	0.44	1.26	1.30	--	0.81	--	--	0.88	0.16	1.11	**1.77**
2009-10	1.22	14.67	0.73	--	0.61	0.35	2.99	1.30	3.41	1.09	18.22	0.23	5.85	--	1.26	--	5.21	--	--	--	0.19	1.05	**1.37**
2010-11	0.80	14.85	0.63	--	0.67	0.41	2.06	18.66	32.63	1.27	5.03	0.29	2.24	0.82	1.89	--	1.05	--	--	0.02	0.98	1.20	**1.61**
2011-12	1.32	23.50	0.36	6.60	0.66	0.46	3.28	0.66	11.51	2.31	2.19	0.43	0.96	0.43	3.56	--	1.37	--	--	1.26	0.45	2.09	**1.34**

Note: Please refer Table 1 for description of the industry.

Table B4: Lary's Index: Chhattisgarh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.64	1.02	1.48	0.36	0.53	0.83	0.03	0.48	0.77	3.09	0.56	2.80	5.87	0.68	1.49	--	0.10	--	--	--	0.99	19.32	**3.80**
1999-00	0.85	0.62	0.25	--	--	0.26	0.81	0.45	0.86	3.16	1.72	3.14	3.79	1.02	1.76	--	1.33	--	--	--	1.53	0.24	**2.86**
2000-01	0.54	0.77	1.18	--	0.36	0.32	0.53	0.68	0.71	2.19	1.24	5.69	4.27	0.40	0.78	--	2.22	--	--	--	1.02	0.28	**3.28**
2001-02	0.90	0.41	0.56	--	0.38	0.51	0.52	0.77	1.05	0.78	1.11	2.08	4.88	0.97	1.17	--	1.87	--	--	--	0.84	0.21	**3.26**
2002-03	0.58	0.71	1.65	--	0.45	0.71	0.69	0.77	5.72	1.19	1.30	2.97	6.96	0.71	1.05	--	0.99	--	--	--	0.89	1.03	**4.40**
2003-04	0.45	0.37	1.12	--	0.28	0.47	1.05	0.82	3.31	1.31	3.62	3.63	8.22	0.55	0.88	--	1.37	--	--	--	1.08	1.08	**4.99**
2004-05	0.19	0.29	1.63	--	0.34	0.90	1.40	0.84	2.80	2.03	0.56	5.29	10.86	0.71	1.33	--	1.97	--	--	--	0.71	1.11	**6.02**
2005-06	0.61	0.25	1.32	--	0.36	0.43	1.42	0.90	2.26	0.54	1.20	3.11	7.31	2.79	1.12	--	1.39	--	--	--	1.31	0.87	**4.39**
2006-07	0.78	0.26	1.16	--	0.44	0.53	1.75	1.16	1.98	1.32	1.56	6.42	8.64	2.68	1.39	--	1.18	--	--	--	0.94	0.74	**5.60**
2007-08	1.69	0.24	2.06	--	0.44	0.45	1.51	0.23	1.78	0.88	1.14	11.23	7.69	1.20	1.86	--	2.01	--	--	--	0.94	0.64	**5.72**
2008-09	1.22	0.24	1.83	--	0.86	0.43	1.31	1.24	4.07	3.42	0.84	8.76	7.43	1.95	1.93	10.22	5.18	--	--	1.13	1.49	0.96	**5.34**
2009-10	0.92	0.29	0.27	--	0.82	0.62	1.18	1.72	0.48	1.66	1.38	11.71	6.82	2.29	2.16	18.86	1.47	--	--	--	1.06	1.59	**5.35**
2010-11	1.12	0.37	1.34	--	0.70	0.85	0.96	3.30	--	2.96	--	6.18	7.65	1.18	1.99	5.79	0.71	--	--	--	2.49	0.76	**5.10**
2011-12	1.29	0.38	1.73	--	0.84	1.61	0.74	0.56	-6.56	2.16	1.52	6.86	6.49	1.02	2.00	1.65	2.20	--	--	--	1.07	2.33	**4.57**

Note: Please refer Table 1 for description of the industry.

Table B5: Lary's Index: Delhi

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	5.20	2.30	1.66	4.27	1.27	0.91	2.92	2.70	--	1.99	1.67	0.65	1.06	1.37	1.00	2.43	1.92	3.47	2.19	1.35	0.95	2.02	**2.48**
1999-00	2.46	2.53	1.60	4.01	2.10	0.57	1.72	1.86	--	9.93	1.08	0.88	1.00	1.01	1.43	1.36	2.06	7.75	1.56	1.67	1.66	1.39	**2.89**
2000-01	3.48	1.55	2.73	3.01	1.30	0.48	3.51	1.81	0.26	2.27	1.27	0.71	0.81	1.52	1.00	--	1.50	4.37	1.56	1.61	1.64	1.22	**2.12**
2001-02	3.81	1.39	3.01	2.42	1.33	0.90	1.78	1.61	3.31	4.07	1.10	0.72	0.97	1.65	1.30	7.47	1.98	9.88	3.39	1.19	1.64	1.71	**2.35**
2002-03	5.06	2.65	3.37	2.16	1.65	0.42	1.02	2.37	2.02	5.15	1.59	0.80	0.83	1.74	1.44	--	2.30	5.99	4.79	1.15	2.33	0.72	**2.39**
2003-04	3.13	0.48	2.87	1.73	1.41	0.33	1.49	1.84	1.80	4.36	1.16	1.25	1.33	2.10	1.32	--	2.22	4.81	1.96	1.64	2.24	1.30	**2.01**
2004-05	3.88	0.63	1.79	1.66	1.83	0.96	2.66	3.42	1.97	5.69	1.54	0.75	0.79	1.70	1.45	7.64	2.69	7.41	1.65	1.41	3.52	2.26	**2.26**
2005-06	3.95	1.62	2.15	2.01	1.36	1.56	3.79	2.34	0.90	6.25	1.89	0.74	0.97	1.73	1.32	10.03	1.56	2.68	4.94	1.39	2.31	1.57	**2.19**
2006-07	3.40	1.67	3.36	1.72	1.65	1.94	2.10	2.81	1.41	8.54	1.81	1.09	0.89	2.40	1.47	29.85	2.05	6.84	1.33	1.39	1.52	1.69	**2.40**
2007-08	4.36	0.98	1.89	2.40	1.54	2.29	1.69	2.59	1.44	10.59	2.26	1.18	1.66	2.55	0.88	19.54	2.59	9.82	2.32	1.65	1.44	1.47	**2.68**
2008-09	3.46	--	2.12	2.29	2.16	0.51	2.03	1.37	4.21	11.75	2.12	0.94	2.14	2.28	1.56	7.02	2.03	13.65	5.01	1.65	1.13	1.60	**2.68**
2009-10	6.11	2.12	3.45	2.74	1.79	1.82	1.01	1.93	2.81	7.88	3.84	0.92	2.34	1.49	1.84	5.39	1.92	14.27	3.59	2.34	0.83	1.60	**2.97**
2010-11	10.75	3.30	2.17	2.06	0.72	2.08	2.32	3.99	1.36	15.20	3.26	0.72	1.82	1.19	4.03	5.26	4.20	10.70	0.77	1.83	1.05	1.50	**3.42**
2011-12	8.71	2.96	1.89	1.64	1.84	2.32	2.16	2.28	2.39	6.24	2.15	1.21	2.18	1.14	3.06	3.87	2.48	8.11	2.77	3.50	1.24	2.26	**3.11**

Note: Please refer Table 1 for description of the industry.

Table B6: Lary's Index: Goa

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	5.57	--	4.16	2.04	--	--	1.09	8.36	3.71	10.25	7.66	0.53	2.12	5.03	5.50	64.07	10.20	1.82	1.02	0.86	2.39	1.45	**5.60**
1999-00	4.54	--	1.97	0.13	--	--	1.69	4.08	3.42	8.38	10.82	3.01	4.23	2.43	5.30	45.39	5.21	1.90	0.84	1.04	1.23	1.54	**5.38**
2000-01	4.83	--	9.71	--	--	--	0.19	3.43	5.30	7.31	13.61	3.15	2.28	4.28	3.81	54.01	15.01	2.07	2.59	0.53	2.86	2.71	**5.73**
2001-02	5.35	--	7.70	--	--	--	0.95	3.24	2.77	10.64	5.24	3.21	2.97	3.46	4.49	52.17	7.65	1.92	1.74	0.64	3.21	1.01	**6.30**
2002-03	4.90	--	10.20	--	--	--	0.76	1.81	4.79	10.12	3.65	4.64	2.46	5.04	2.35	34.24	9.08	1.89	2.15	1.21	4.48	1.31	**5.83**
2003-04	4.68	--	12.20	--	--	--	1.59	3.48	9.19	10.22	7.99	2.78	4.05	5.51	3.85	30.18	12.48	1.62	4.25	1.44	2.47	2.17	**6.86**
2004-05	3.58	--	13.87	--	--	--	1.63	2.94	33.54	10.95	8.03	4.58	4.84	5.81	3.88	28.81	6.04	1.92	4.12	1.73	1.54	1.41	**7.34**
2005-06	5.34	--	19.55	--	--	--	1.76	3.43	1.57	11.00	7.41	3.80	6.68	4.83	5.93	42.25	16.86	2.31	2.70	1.48	1.45	1.13	**7.76**
2006-07	6.77	--	13.73	--	--	--	2.02	3.53	2.64	10.55	9.71	4.65	7.28	4.35	4.78	32.71	6.78	3.87	2.84	1.43	1.44	1.24	**7.17**
2007-08	7.84	--	18.74	--	--	--	1.52	2.56	7.13	8.47	8.64	4.58	4.29	1.74	2.99	33.60	9.28	3.01	4.14	1.46	0.82	1.55	**6.39**
2008-09	3.82	--	23.42	--	--	--	1.64	3.00	14.77	16.52	15.62	4.10	3.02	3.66	5.27	--	4.36	11.97	6.55	1.39	3.05	2.65	**8.14**
2009-10	5.13	--	17.72	--	--	--	1.89	6.26	1.99	10.49	16.52	5.64	9.20	3.02	8.30	3.50	4.83	26.42	1.56	0.88	4.27	4.85	**7.58**
2010-11	6.01	--	104.04	--	--	--	1.35	6.20	7.66	14.18	11.81	4.55	0.27	3.84	8.39	11.12	3.94	2.28	9.94	2.21	6.94	4.63	**8.76**
2011-12	6.57	--	5.57	--	--	--	1.78	4.35	2.32	10.79	15.53	10.71	64.56	2.25	6.02	3.07	3.66	2.25	10.12	3.20	2.17	3.25	**12.35**

Note: Please refer Table 1 for description of the industry.

Table B7: Lary's Index: Gujarat

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.90	1.13	1.26	1.93	3.49	0.56	1.14	0.85	37.18	7.97	0.69	1.21	2.69	1.05	1.91	12.17	1.62	7.63	1.79	0.19	0.66	0.59	**2.84**
1999-00	1.43	3.01	1.35	0.97	0.28	0.44	1.67	3.07	30.59	6.56	3.81	1.63	4.24	1.28	1.79	14.78	3.26	13.60	1.01	0.97	1.44	1.10	**3.08**
2000-01	1.54	1.85	1.47	1.21	0.70	0.77	1.60	2.36	18.95	5.83	2.35	2.09	4.85	1.28	1.87	11.14	3.23	8.39	0.93	0.91	0.64	1.51	**2.87**
2001-02	1.49	2.08	1.71	1.43	1.14	0.37	1.56	1.65	19.87	5.47	2.96	2.10	2.75	2.04	1.93	--	2.57	12.37	2.10	1.25	1.37	1.00	**3.06**
2002-03	1.92	1.20	1.59	1.35	1.46	0.56	1.59	4.34	42.97	6.30	2.57	2.46	5.33	2.43	1.62	--	2.54	11.84	2.17	1.09	2.23	1.33	**3.63**
2003-04	1.69	2.18	1.66	1.26	1.21	1.05	1.95	2.14	39.81	7.23	2.99	2.59	4.04	2.87	1.98	--	2.85	20.37	3.13	1.87	1.90	1.32	**4.00**
2004-05	1.55	2.31	1.59	1.09	1.17	0.62	2.01	1.32	41.72	7.28	2.52	2.71	6.37	2.63	2.32	--	2.64	22.04	1.27	2.57	3.72	1.67	**3.99**
2005-06	1.67	1.81	2.18	1.16	1.10	2.22	2.00	3.39	37.63	8.11	2.60	2.74	3.84	3.24	2.14	--	2.86	13.99	2.10	3.62	3.62	1.39	**4.36**
2006-07	1.79	2.27	1.74	1.76	1.46	0.81	2.01	1.61	21.84	7.98	2.84	2.52	3.98	4.16	3.08	7.64	2.95	6.85	3.80	2.55	3.71	1.56	**3.95**
2007-08	1.81	2.65	2.16	1.46	1.51	0.80	2.07	4.86	16.48	7.96	3.23	3.44	5.33	5.29	2.94	--	4.40	10.96	1.63	4.23	4.81	1.41	**4.43**
2008-09	2.09	1.85	1.79	1.45	1.96	1.46	3.24	2.16	18.83	11.03	3.17	2.01	1.81	4.97	3.34	15.24	3.88	17.40	1.31	1.67	11.24	1.23	**4.40**
2009-10	2.42	1.04	1.97	1.26	1.74	1.73	2.46	1.64	22.59	9.49	3.87	2.64	8.65	6.77	3.85	13.91	4.16	40.56	2.37	4.26	16.34	3.09	**5.33**
2010-11	1.88	1.15	1.61	1.31	2.42	1.10	2.17	6.89	46.43	8.95	3.31	1.97	6.62	2.76	3.34	4.17	3.17	11.17	3.44	2.14	10.50	1.37	**4.42**
2011-12	5.30	2.34	1.55	0.78	4.58	1.65	1.97	3.52	31.94	9.12	2.85	2.49	3.19	1.84	4.36	3.50	3.22	10.34	2.60	1.85	3.95	1.70	**4.04**

Note: Please refer Table 1 for description of the industry.

Table B8: Lary's Index: Haryana

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.36	0.96	1.04	1.63	1.61	0.68	1.65	0.67	8.86	3.92	2.95	0.87	4.54	1.22	3.36	7.88	2.99	14.70	2.18	6.17	0.40	0.81	**1.81**
1999-00	1.96	1.03	1.48	2.55	1.52	0.47	1.42	1.26	4.34	3.49	2.15	0.97	6.27	1.56	2.92	31.56	2.13	5.58	2.47	4.70	4.20	1.24	**2.84**
2000-01	1.64	1.22	1.17	1.69	1.21	0.93	1.97	1.99	3.34	2.16	3.09	0.95	4.29	1.52	3.88	6.11	2.06	11.04	3.12	2.57	5.52	0.53	**2.45**
2001-02	1.34	1.20	1.55	1.35	1.37	0.90	1.56	3.44	34.52	2.39	1.90	1.01	4.55	2.26	3.27	8.14	2.98	7.81	2.92	4.48	9.06	0.99	**2.84**
2002-03	1.26	1.56	1.71	1.32	1.27	1.00	1.79	3.20	42.08	5.16	2.28	0.94	6.82	2.39	2.32	10.71	3.49	13.11	2.91	5.05	7.27	1.41	**3.02**
2003-04	1.68	1.07	1.55	1.13	2.29	0.93	2.02	1.68	5.46	3.52	3.08	1.09	7.06	2.58	2.44	21.21	2.64	13.96	2.63	6.62	7.89	0.90	**3.31**
2004-05	1.41	1.17	1.71	1.18	1.04	1.04	2.46	1.48	1.72	4.21	5.84	1.10	9.39	2.00	2.15	24.80	2.99	10.20	2.72	6.01	8.41	7.59	**3.35**
2005-06	1.57	1.44	2.47	1.24	1.57	0.92	2.31	1.60	1.62	3.49	2.66	1.25	4.10	2.77	3.56	33.44	3.48	8.79	1.49	6.46	7.70	1.38	**3.28**
2006-07	2.31	1.75	1.73	1.39	1.59	0.24	2.43	2.07	1.59	5.66	2.88	0.91	5.05	2.57	2.35	6.55	5.27	7.91	1.70	6.50	5.53	0.94	**3.24**
2007-08	2.48	1.89	1.41	1.41	1.68	0.95	2.98	2.33	2.66	4.67	2.35	1.11	2.95	3.07	4.12	18.08	2.60	3.32	2.40	4.11	7.13	0.84	**3.03**
2008-09	2.92	1.15	2.75	2.19	1.81	1.35	2.78	2.65	6.16	10.03	1.88	1.74	1.59	3.51	3.85	7.96	3.56	10.32	2.25	4.73	6.90	1.69	**3.69**
2009-10	2.81	0.88	2.11	1.52	1.97	1.61	3.29	1.99	15.44	5.15	3.85	2.27	5.12	2.97	3.97	11.65	3.41	7.03	2.84	6.12	7.87	2.19	**4.15**
2010-11	3.92	2.20	1.74	1.13	1.55	1.84	2.51	3.16	5.26	6.32	5.08	2.52	4.81	2.70	5.46	16.78	4.59	2.47	3.38	2.75	5.76	2.83	**3.24**
2011-12	5.36	2.75	2.10	1.33	2.83	1.31	3.99	3.11	1.91	5.84	3.62	2.42	4.14	1.86	6.39	11.02	5.24	5.53	2.19	4.61	4.14	2.03	**3.69**

Note: Please refer Table 1 for description of the industry.

Table B9: Lary's Index: Himachal Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.05	13.10	2.47	--	1.13	0.52	0.80	3.21	--	9.10	3.69	5.34	1.44	1.67	3.35	26.19	11.67	1.85	1.31	2.66	--	--	**3.34**
1999-00	1.37	11.72	2.78	--	1.25	0.31	1.69	0.17	--	13.08	0.37	4.87	1.69	3.45	3.22	--	6.52	5.06	1.75	5.67	--	--	**3.42**
2000-01	3.28	3.44	1.89	--	1.35	0.52	1.30	4.77	--	9.32	2.14	13.32	0.69	1.24	0.83	0.39	3.68	9.02	1.14	5.99	--	0.82	**3.91**
2001-02	2.35	2.67	2.39	--	1.20	0.49	1.15	2.33	--	19.34	2.93	10.77	--	1.30	2.30	15.76	3.95	13.12	3.22	4.83	--	2.08	**4.44**
2002-03	2.10	3.36	2.94	24.20	1.42	0.43	1.26	7.04	--	16.34	1.65	12.64	1.43	2.53	1.60	4.22	6.95	7.35	1.78	4.25	--	12.20	**4.96**
2003-04	2.43	5.36	2.06	4.83	1.33	1.00	1.46	9.53	--	14.17	3.80	9.98	1.17	1.74	2.32	6.79	6.33	10.34	1.92	3.17	--	9.96	**4.47**
2004-05	2.05	1.02	2.05	3.75	2.75	0.93	0.88	5.45	--	8.50	5.59	9.83	1.49	1.88	2.84	14.97	6.11	21.91	2.90	4.32	14.14	2.18	**4.83**
2005-06	1.79	1.32	2.80	8.63	2.90	0.38	2.41	10.55	--	25.23	2.56	9.38	8.64	2.56	3.85	61.34	9.47	10.99	5.80	1.04	--	4.76	**8.65**
2006-07	3.06	4.36	2.99	--	4.33	1.45	5.72	4.62	--	18.62	2.27	10.38	2.28	2.94	2.85	84.28	5.97	32.69	8.34	1.56	1.65	4.32	**8.66**
2007-08	1.31	2.31	3.29	8.84	4.46	0.59	3.04	4.00	--	14.41	6.14	14.52	5.88	--	3.74	21.20	6.19	20.60	13.40	1.43	10.93	2.54	**7.76**
2008-09	3.13	4.23	3.14	4.67	4.23	6.91	3.09	2.58	--	21.34	7.10	16.20	3.15	1.52	1.96	13.61	5.09	12.17	7.54	2.12	6.79	3.09	**9.68**
2009-10	3.93	3.09	2.59	19.59	3.51	1.63	2.28	3.77	1.72	10.30	8.08	16.05	6.56	3.92	6.11	38.73	4.20	4.22	9.23	4.21	8.42	2.87	**6.95**
2010-11	3.57	4.53	2.46	1.37	1.67	--	1.49	0.12	--	11.64	7.74	16.12	1.84	3.14	17.80	7.81	5.73	3.14	5.92	3.90	6.16	9.83	**7.27**
2011-12	7.68	1.90	1.78	2.95	2.36	-2.91	2.67	5.15	-3.12	17.92	7.09	4.32	3.33	-3.60	4.13	15.99	5.88	5.08	4.38	4.63	8.57	-1.38	**8.26**

Note: Please refer Table 1 for description of the industry.

Table B10: Lary's Index: Jammu and Kashmir

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.00	0.17	0.74	--	0.04	0.33	0.63	0.25	--	0.64	0.59	1.04	0.70	0.81	0.39	--	0.49	0.13	--	--	--	0.44	**0.74**
1999-00	0.89	0.47	0.86	--	0.17	0.34	0.44	0.22	0.43	0.41	0.64	5.09	0.55	0.66	0.72	--	0.72	--	--	--	--	0.68	**0.97**
2000-01	0.82	0.31	0.73	--	0.18	0.25	0.43	0.30	0.98	1.55	0.41	1.16	0.69	0.57	0.70	--	0.62	1.60	--	--	--	1.17	**0.79**
2001-02	0.88	--	0.74	--	0.22	0.36	0.50	0.24	0.72	1.30	0.76	1.02	0.48	1.08	0.69	--	1.06	1.30	--	--	--	0.88	**0.80**
2002-03	0.81	--	0.76	--	0.82	0.52	0.63	0.21	1.61	1.61	0.57	1.06	0.40	0.78	0.81	--	0.73	0.13	1.39	--	--	0.80	**0.81**
2003-04	0.47	--	0.52	--	0.97	0.49	0.61	0.28	1.31	2.41	0.67	1.46	0.55	0.63	0.86	--	0.89	--	--	--	--	0.75	**0.66**
2004-05	0.44	--	0.99	1.97	1.31	0.42	0.50	0.29	--	5.74	7.21	1.48	1.45	1.50	1.45	--	1.81	0.44	--	0.63	--	0.51	**1.64**
2005-06	0.97	--	1.13	1.39	--	0.47	1.47	--	--	4.44	2.55	1.47	2.17	1.29	1.11	--	3.58	1.32	--	1.35	--	0.84	**1.97**
2006-07	1.16	--	1.33	1.45	2.77	0.34	1.63	--	--	6.14	2.14	1.84	3.23	1.33	0.90	20.25	10.35	3.09	--	1.60	--	0.40	**2.79**
2007-08	1.43	--	1.20	1.59	--	0.31	1.30	--	--	8.12	2.75	2.16	3.86	1.07	1.53	6.73	7.53	2.34	--	1.58	--	0.34	**3.53**
2008-09	1.01	--	1.10	1.60	1.70	0.52	1.14	1.38	0.15	15.91	2.41	4.07	1.16	1.15	0.86	2.80	5.93	0.38	--	--	0.25	1.11	**4.87**
2009-10	1.22	--	1.61	1.61	1.98	0.94	2.26	1.13	--	6.82	3.77	3.69	1.40	0.59	1.97	11.85	10.09	--	--	--	1.02	0.61	**3.12**
2010-11	1.31	--	1.55	1.40	0.62	0.57	--	1.78	0.99	7.29	4.93	1.63	2.20	0.67	2.03	1.35	4.79	--	--	--	1.23	0.56	**3.34**
2011-12	2.26	--	1.19	1.84	--	0.60	0.67	1.17	--	6.49	3.32	1.42	3.42	1.01	1.95	0.92	8.13	0.62	--	1.13	1.82	0.75	**3.69**

Note: Please refer Table 1 for description of the industry.

Table B11: Lary's Index: Jharkhand

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.50	0.17	0.52	--	0.49	0.37	0.80	2.04	1.15	3.17	1.00	0.76	6.95	1.42	1.34	--	5.63	--	--	2.24	2.40	--	**4.30**
1999-00	1.37	0.80	0.50	--	--	0.21	1.24	0.71	0.88	2.81	0.70	1.16	5.77	2.22	1.63	--	3.73	--	--	2.04	1.88	0.32	**3.82**
2000-01	2.03	0.12	0.62	--	--	0.44	0.96	2.14	0.20	1.15	0.87	0.46	4.46	1.09	1.66	--	5.31	--	--	0.82	1.48	0.24	**2.60**
2001-02	2.32	0.14	0.63	--	--	0.59	0.67	1.66	0.74	2.18	2.14	1.07	3.72	1.29	1.52	--	0.29	--	2.83	2.85	1.06	0.40	**2.49**
2002-03	2.25	0.39	0.18	--	--	0.35	0.51	1.21	0.73	2.00	1.33	1.07	7.12	2.40	3.97	--	--	5.97	--	2.76	0.90	0.31	**4.28**
2003-04	1.62	0.14	0.54	--	--	0.51	0.55	0.75	0.42	3.75	3.51	1.22	7.30	2.54	5.64	--	4.25	7.09	--	6.12	0.69	0.79	**4.91**
2004-05	1.96	0.14	0.65	--	--	0.53	0.55	1.13	2.11	3.01	1.44	1.88	10.62	2.80	3.36	--	1.17	--	2.77	19.14	0.96	0.25	**7.68**
2005-06	3.59	0.28	0.86	--	--	0.79	0.64	1.16	2.49	2.71	1.21	1.35	8.11	3.05	5.81	--	1.70	--	--	4.17	2.20	0.73	**5.47**
2006-07	2.47	0.34	0.83	--	--	1.30	1.57	2.03	1.92	8.43	1.13	1.08	5.96	3.17	6.56	--	2.07	--	--	7.65	2.16	0.29	**4.65**
2007-08	4.05	0.20	0.52	--	--	0.76	1.41	0.74	2.44	2.93	5.73	1.27	11.40	4.47	6.94	--	1.94	--	--	8.00	1.46	0.33	**7.64**
2008-09	2.52	0.39	2.05	--	--	0.70	0.37	2.21	2.19	5.61	1.34	0.93	6.88	4.80	7.59	24.83	2.19	--	--	2.91	--	0.60	**4.71**
2009-10	1.13	1.04	5.65	0.92	--	--	1.07	0.17	2.50	5.18	2.80	5.01	7.60	5.85	8.24	12.84	2.43	--	12.05	8.05	0.43	1.44	**6.25**
2010-11	2.49	0.57	1.20	--	--	0.82	1.99	2.48	2.24	4.47	1.83	2.33	13.45	14.03	--	--	0.96	--	--	4.28	0.63	0.42	**7.34**
2011-12	6.62	0.06	0.73	--	1.11	0.66	1.42	-0.67	5.57	7.06	1.16	1.95	6.73	-0.16	5.91	7.59	4.68	--	--	7.89	1.89	1.33	**5.56**

Note: Please refer Table 1 for description of the industry.

Table B12: Lary's Index: Karnataka

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.49	6.67	1.33	0.62	0.77	0.57	1.41	1.33	52.11	2.46	2.33	1.72	3.29	2.65	2.41	11.10	7.78	4.39	2.62	2.01	1.95	0.78	**2.19**
1999-00	1.56	11.79	1.08	0.73	0.67	1.68	1.65	1.23	3.29	3.38	2.47	2.60	3.24	2.12	2.61	7.34	4.01	4.43	1.97	2.66	1.75	1.71	**2.04**
2000-01	1.69	9.85	1.46	0.64	0.93	1.13	2.19	1.59	10.91	3.68	1.42	2.01	3.95	2.50	2.84	33.21	3.53	3.67	3.03	2.77	2.49	3.55	**2.10**
2001-02	1.75	11.58	1.61	0.72	0.10	0.72	2.04	0.85	15.87	3.19	2.22	2.08	4.37	1.50	4.06	44.41	3.33	5.50	3.86	2.82	3.38	2.97	**2.29**
2002-03	1.82	12.27	1.86	0.76	1.43	0.77	2.53	1.37	14.34	5.61	2.29	1.86	7.41	2.21	3.81	37.66	3.64	6.34	2.53	3.63	5.70	1.96	**2.63**
2003-04	1.84	11.22	1.71	0.63	0.97	1.42	1.99	1.64	21.71	4.94	2.99	2.11	9.76	2.11	4.11	53.21	3.35	7.61	6.16	5.65	6.84	0.80	**2.80**
2004-05	1.96	12.39	1.95	0.76	1.19	0.69	2.33	1.91	43.95	9.85	2.06	3.30	9.06	2.37	3.37	30.95	4.46	8.32	9.63	4.31	3.26	0.69	**3.19**
2005-06	2.32	11.51	2.09	0.59	1.10	1.18	2.16	1.96	19.60	5.13	2.28	2.19	11.67	1.47	3.79	49.33	5.45	13.95	2.31	2.82	9.23	1.46	**2.94**
2006-07	4.13	13.80	2.42	0.91	2.26	1.14	2.29	2.60	23.34	4.65	--	4.14	11.72	3.35	5.21	55.97	6.52	9.78	3.04	4.03	3.89	0.56	**3.46**
2007-08	2.34	15.62	2.51	1.09	0.89	2.35	2.63	4.28	35.50	5.29	4.75	4.16	10.92	3.54	4.76	3.73	5.59	11.64	4.93	5.15	3.39	6.24	**3.72**
2008-09	2.94	16.47	2.02	0.89	3.76	1.15	2.39	0.77	41.91	9.33	5.29	5.77	7.89	2.92	4.42	20.05	6.29	4.29	3.37	4.44	4.23	3.80	**3.68**
2009-10	2.50	0.69	2.88	0.82	2.93	--	2.47	4.93	29.58	5.62	0.39	6.13	9.61	4.71	6.40	9.60	6.33	35.32	7.88	4.63	4.16	2.95	**3.47**
2010-11	3.47	10.02	1.25	0.72	1.44	1.21	3.76	3.41	20.29	8.92	2.34	3.42	10.36	1.43	5.24	6.84	6.52	11.93	8.19	4.37	2.69	1.58	**3.50**
2011-12	3.41	2.96	2.36	0.82	1.51	1.13	2.82	5.73	11.67	5.92	2.62	5.96	69.62	1.37	6.40	5.69	5.26	7.59	7.45	4.08	3.06	4.45	**6.62**

Note: Please refer Table 1 for description of the industry.

Table B13: Lary's Index: Kerala

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.54	0.15	1.05	0.40	3.92	0.35	2.07	6.62	25.40	3.95	2.31	0.76	2.64	1.52	3.16	1.23	2.20	8.03	1.64	0.70	3.27	0.82	**1.51**
1999-00	0.41	0.31	0.77	0.63	0.89	0.32	1.20	2.18	3.96	5.01	1.80	0.74	3.18	0.77	1.91	2.11	1.13	5.93	2.90	0.55	4.07	0.93	**1.14**
2000-01	0.41	0.27	0.97	0.40	5.72	0.24	1.43	1.82	7.12	3.69	3.30	0.78	3.05	0.61	1.41	1.69	1.15	4.48	1.30	0.42	2.40	0.46	**1.10**
2001-02	0.40	0.09	0.98	0.56	4.33	0.37	1.46	1.92	11.00	2.84	3.05	0.79	2.28	0.82	1.58	--	2.11	6.63	1.93	0.30	1.73	0.57	**1.04**
2002-03	0.44	0.13	0.99	0.69	1.02	0.56	1.44	2.61	17.76	3.02	3.14	0.66	1.83	0.89	2.31	3.19	1.23	5.38	2.26	0.48	2.72	0.45	**1.18**
2003-04	0.32	0.16	0.84	0.50	3.25	0.41	1.97	2.26	22.43	2.84	2.54	0.85	1.01	1.62	1.75	4.50	1.20	7.31	1.94	1.27	3.05	0.81	**1.01**
2004-05	0.29	0.11	0.96	0.64	0.69	0.31	2.10	2.18	16.57	3.11	2.49	1.01	0.67	1.14	1.59	6.07	1.36	4.72	2.51	0.42	1.92	0.65	**0.96**
2005-06	0.33	0.10	1.28	1.07	3.15	0.51	2.62	3.44	5.68	3.34	3.04	1.32	1.28	0.98	2.17	6.23	1.62	7.72	3.23	0.34	3.15	1.12	**1.04**
2006-07	0.37	0.08	1.26	0.90	1.99	0.40	2.45	3.27	--	3.55	2.47	1.30	1.08	1.12	1.75	6.00	1.83	7.42	3.30	0.50	2.74	1.63	**0.91**
2007-08	0.34	0.07	1.05	0.81	1.17	0.48	1.78	6.04	14.69	2.98	2.10	1.03	1.98	2.84	1.98	7.38	1.89	11.41	2.14	0.70	4.22	1.87	**1.10**
2008-09	0.42	0.08	0.06	0.95	1.95	0.65	2.78	3.92	11.63	4.77	4.18	1.19	1.31	0.97	2.55	20.43	3.84	4.65	7.88	0.88	6.52	1.69	**1.34**
2009-10	0.41	0.07	1.15	1.16	1.82	0.58	1.54	5.09	8.15	5.19	4.50	1.46	2.22	2.13	2.56	14.80	3.21	7.64	6.60	1.23	7.94	--	**1.23**
2010-11	0.29	0.10	1.29	0.79	1.80	0.76	2.53	7.50	5.00	8.11	3.13	1.26	1.97	1.09	2.62	3.68	2.07	--	7.44	1.16	7.59	1.69	**1.31**
2011-12	0.52	0.10	1.22	0.94	1.48	0.87	1.82	6.40	2.19	8.04	3.93	1.76	1.67	1.13	1.22	8.31	1.92	9.41	6.42	1.69	4.49	1.58	**1.34**

Note: Please refer Table 1 for description of the industry.

Table B14: Lary's Index: Madhya Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	3.03	0.36	0.91	0.23	3.30	1.00	0.68	1.02	19.02	5.80	2.73	3.75	1.84	3.73	0.95	--	3.65	2.61	1.35	1.77	3.23	0.63	**2.14**
1999-00	2.86	0.38	1.94	0.86	2.23	0.30	0.87	1.32	3.12	4.18	5.52	4.48	2.50	1.80	1.88	--	3.63	5.16	1.12	2.55	4.44	0.63	**2.77**
2000-01	1.90	0.88	2.70	0.77	1.18	0.56	1.30	1.40	2.12	4.81	3.93	5.37	3.89	0.98	1.60	--	3.61	3.44	1.24	1.76	3.30	0.71	**2.78**
2001-02	3.93	0.47	2.38	0.82	1.69	0.67	0.80	1.41	6.29	5.12	4.23	5.31	3.94	1.13	3.16	--	4.31	7.29	1.70	2.13	3.74	0.86	**3.29**
2002-03	2.23	0.29	2.94	1.12	2.23	0.68	1.75	0.99	2.94	4.53	3.94	3.89	1.66	2.17	3.62	--	3.53	5.83	2.47	2.50	2.36	0.89	**2.92**
2003-04	1.92	0.36	2.74	1.07	1.97	0.92	1.14	1.72	--	4.39	3.55	3.74	2.21	2.30	2.73	--	4.58	5.27	1.91	2.45	1.33	0.52	**2.76**
2004-05	1.49	0.28	2.96	1.13	2.43	1.14	1.17	2.14	--	5.40	3.62	4.67	1.48	2.18	2.60	--	4.06	3.30	1.76	3.13	0.97	0.63	**2.80**
2005-06	2.62	0.23	3.88	0.94	2.02	1.35	1.63	1.28	3.24	4.58	2.65	5.00	1.65	1.71	2.96	--	4.91	1.86	2.44	2.23	1.30	0.79	**3.03**
2006-07	6.02	0.33	3.92	2.42	2.83	1.11	1.68	1.37	--	5.19	2.99	8.11	1.44	3.55	3.88	18.11	4.86	6.29	1.65	3.79	0.09	0.58	**4.21**
2007-08	5.23	0.21	3.88	1.27	3.17	0.97	1.40	1.06	--	6.85	2.35	10.43	2.25	1.53	3.99	10.50	5.28	5.31	2.33	2.82	2.56	0.44	**4.31**
2008-09	3.51	0.24	3.24	2.58	1.84	1.67	2.65	0.26	3.14	12.29	7.63	8.76	1.19	2.08	3.02	--	5.47	3.10	2.29	2.76	0.81	1.06	**4.72**
2009-10	4.09	0.21	2.33	4.97	2.77	1.47	0.80	1.46	1.44	6.72	4.07	10.21	0.33	1.62	4.57	--	6.90	15.41	1.44	3.51	0.90	0.91	**4.00**
2010-11	4.60	0.57	3.00	3.63	0.95	1.39	0.99	--	--	7.32	3.96	5.66	3.58	1.14	5.36	4.97	6.34	9.81	1.64	3.91	0.73	1.63	**4.06**
2011-12	5.97	0.43	2.21	1.79	1.46	1.37	1.02	1.81	-2.76	5.66	3.14	7.48	2.37	1.29	5.24	5.29	5.88	2.02	1.81	4.21	0.40	0.93	**4.00**

Note: Please refer Table 1 for description of the industry.

Table B15: Lary's Index: Maharashtra

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	2.42	0.29	1.47	2.48	2.20	1.03	1.96	3.11	16.09	8.76	2.92	1.80	2.57	2.78	3.78	3.72	3.39	6.80	4.35	4.32	4.12	2.55	**3.42**
1999-00	2.66	0.41	1.48	2.45	1.23	0.56	1.37	2.98	20.72	8.18	3.28	2.19	2.50	2.18	4.83	2.44	3.53	7.55	5.33	4.69	6.67	5.33	**3.63**
2000-01	2.16	0.29	1.73	1.68	0.58	1.09	1.94	2.61	31.79	6.50	2.58	2.93	1.83	2.31	4.88	5.81	4.16	8.42	3.96	3.75	3.28	2.53	**3.24**
2001-02	2.28	0.21	1.42	1.48	1.39	1.06	2.25	2.87	26.49	5.86	3.14	2.86	1.78	2.81	4.35	6.97	3.71	5.82	4.94	3.27	5.78	4.03	**3.01**
2002-03	2.15	0.22	1.51	2.02	2.07	1.30	2.45	2.55	35.94	5.57	4.06	2.84	2.79	3.10	3.60	2.34	4.65	12.48	3.52	3.86	6.24	2.45	**3.29**
2003-04	1.87	0.26	1.65	1.43	1.51	1.11	2.58	3.31	54.30	6.61	3.48	3.89	4.47	3.59	4.19	4.05	4.71	10.79	4.26	4.94	6.26	2.93	**3.92**
2004-05	1.98	0.29	1.60	1.43	1.12	1.28	2.65	3.31	51.23	6.35	4.58	3.44	5.57	3.53	4.46	6.47	5.29	11.71	4.27	5.18	9.35	2.77	**4.30**
2005-06	2.31	0.29	1.72	1.94	1.56	1.05	3.06	4.65	71.41	7.47	3.46	3.69	3.45	4.29	4.82	5.52	5.41	13.31	5.95	11.29	8.09	2.90	**5.17**
2006-07	3.05	0.33	2.57	2.04	1.90	1.05	2.43	3.79	102.90	6.77	3.53	3.94	5.12	4.32	5.39	2.32	6.89	15.11	4.80	6.69	6.40	3.41	**5.35**
2007-08	2.60	0.48	2.22	2.81	2.07	1.61	3.21	4.93	137.58	8.31	4.37	6.55	8.07	4.67	5.30	7.53	5.75	22.09	9.81	7.28	8.64	3.48	**6.21**
2008-09	2.33	0.39	2.31	3.75	3.20	1.48	2.74	4.26	194.66	12.70	4.05	5.99	3.05	5.10	5.49	11.77	6.87	53.27	6.71	5.51	5.09	2.16	**6.03**
2009-10	2.50	0.41	2.87	4.67	2.18	1.39	3.70	3.98	114.71	8.64	6.33	7.47	4.34	3.56	7.32	21.39	7.43	25.32	13.23	4.43	9.44	3.66	**6.02**
2010-11	2.79	0.36	2.23	2.59	2.45	1.70	3.41	6.85	95.08	10.23	8.67	4.33	5.63	3.79	7.36	4.47	7.40	21.29	7.14	3.91	8.86	3.95	**5.81**
2011-12	2.53	1.13	2.38	2.24	2.45	2.66	2.83	4.14	63.80	11.83	4.57	4.67	4.47	3.13	10.55	5.17	5.57	21.30	14.16	2.38	6.95	3.56	**5.31**

Note: Please refer Table 1 for description of the industry.

Table B16: Lary's Index: Odisha

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.47	0.37	0.17	4.68	--	0.21	0.57	0.20	0.46	--	3.46	2.33	5.10	0.49	0.72	--	2.67	0.62	--	0.68	--	1.22	**2.27**
1999-00	0.64	0.08	0.20	--	--	0.43	1.40	0.62	1.36	0.66	3.78	2.81	4.83	1.04	1.28	--	0.98	1.69	1.62	0.20	--	0.64	**2.45**
2000-01	0.68	0.22	0.22	--	--	1.19	1.70	1.12	3.02	1.17	2.16	2.03	3.94	1.14	1.82	--	1.55	1.24	--	0.83	--	0.64	**2.20**
2001-02	0.49	0.19	0.31	--	--	0.73	2.13	0.92	2.48	4.91	1.97	1.06	3.29	0.84	1.51	--	1.75	--	--	0.00	--	1.55	**2.13**
2002-03	0.63	0.14	0.39	0.84	--	0.74	1.91	1.79	1.42	0.95	3.49	1.47	4.99	0.81	1.90	--	2.51	3.57	--	0.45	--	2.56	**2.53**
2003-04	0.67	0.11	0.38	0.57	--	0.97	2.42	1.37	1.28	0.87	3.44	1.45	5.42	0.66	2.11	--	2.44	5.57	--	0.92	--	1.39	**2.71**
2004-05	0.48	0.11	0.86	0.30	--	0.85	1.59	2.15	0.52	1.53	2.87	1.46	7.43	0.72	2.58	--	1.67	3.84	--	0.60	--	2.27	**3.17**
2005-06	0.72	0.10	0.64	--	--	0.98	2.81	2.05	2.63	0.80	3.44	1.96	6.16	0.80	2.31	--	4.84	--	--	0.48	--	5.43	**3.35**
2006-07	0.75	0.10	0.66	--	--	1.76	2.64	1.84	1.46	--	2.31	1.98	6.87	0.93	2.15	--	3.30	--	--	0.36	--	2.53	**3.74**
2007-08	0.75	0.13	0.73	--	--	1.28	3.08	0.99	1.73	6.34	8.68	2.55	6.36	0.88	2.21	--	4.28	--	--	0.65	--	2.05	**4.48**
2008-09	1.57	0.12	0.86	--	--	1.38	3.51	0.85	0.93	14.66	0.83	4.44	4.88	1.49	1.07	--	6.19	--	--	--	--	1.89	**4.29**
2009-10	1.02	0.19	0.26	--	--	1.17	3.69	3.28	1.79	7.53	2.69	9.25	3.70	1.94	1.48	--	1.89	--	--	56.92	--	3.54	**3.88**
2010-11	1.94	0.17	0.36	--	--	0.75	4.96	5.51	2.41	9.52	2.58	2.52	4.91	0.78	0.20	--	3.92	--	--	2.77	--	3.67	**4.09**
2011-12	3.64	0.19	0.67	0.77	--	0.98	3.60	6.88	4.22	4.80	-0.62	2.98	4.96	1.50	1.49	--	2.74	--	--	2.54	--	0.99	**4.08**

Note: Please refer Table 1 for description of the industry.

Table B17: Lary's Index: Punjab

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.77	0.91	1.35	0.71	1.11	0.60	2.01	0.95	0.50	4.48	0.94	0.45	1.34	1.43	3.23	--	1.51	5.19	0.78	1.51	1.55	3.57	**1.76**
1999-00	1.48	--	2.38	0.80	1.74	0.53	1.16	0.49	0.43	7.89	1.34	0.45	1.43	1.41	2.27	--	1.48	4.61	0.83	1.31	1.10	1.35	**1.93**
2000-01	1.45	--	1.46	1.65	0.88	0.63	1.62	--	0.73	3.99	0.86	0.86	0.74	1.12	2.01	--	2.09	2.79	1.02	1.36	0.68	0.71	**1.38**
2001-02	1.76	--	1.46	0.52	0.76	0.51	1.34	--	0.36	4.38	1.00	1.03	1.83	1.38	2.12	3.38	1.99	2.40	1.30	1.57	2.00	1.22	**1.71**
2002-03	1.46	--	1.68	0.50	1.12	0.67	2.89	--	0.31	6.77	1.11	1.15	1.08	1.30	1.55	--	1.95	3.21	1.26	1.54	1.11	0.93	**1.69**
2003-04	1.73	--	1.57	0.78	1.01	0.58	1.76	--	0.34	5.60	0.91	1.28	1.27	1.39	1.72	--	1.64	2.02	1.11	1.63	1.22	1.05	**1.61**
2004-05	1.10	--	1.63	0.74	1.04	0.63	2.01	0.46	0.35	4.18	0.93	0.76	1.63	1.58	1.65	--	1.18	1.70	0.81	2.09	1.14	1.08	**1.42**
2005-06	1.23	--	1.86	1.02	0.97	0.52	2.61	1.02	0.37	3.49	1.00	0.71	1.20	1.27	1.44	--	1.67	3.59	0.67	1.78	1.23	1.05	**1.42**
2006-07	2.35	--	2.13	1.06	1.07	0.66	2.48	1.79	2.99	4.47	1.37	0.71	1.12	1.31	2.03	--	1.62	4.23	0.97	1.66	1.23	1.09	**1.76**
2007-08	4.04	--	2.20	2.14	1.02	0.67	2.20	6.21	0.69	3.65	1.29	0.39	1.23	1.42	1.52	--	1.62	3.88	0.94	2.14	1.36	1.06	**2.11**
2008-09	2.88	--	2.07	1.36	1.81	0.54	3.19	0.84	0.40	4.48	1.32	0.61	1.34	1.72	2.12	2.51	1.91	4.41	0.80	2.27	1.39	1.54	**1.89**
2009-10	1.01	--	2.46	1.52	3.02	0.86	3.60	--	0.32	5.75	1.75	0.72	3.79	2.11	2.86	4.80	3.25	3.80	0.92	2.54	1.64	1.39	**1.96**
2010-11	1.40	--	5.12	1.06	1.20	0.92	3.19	0.88	2.70	8.76	1.54	0.72	1.84	1.45	3.14	1.55	2.50	1.60	1.16	2.77	1.64	1.37	**2.29**
2011-12	1.44	--	2.77	1.16	1.56	0.69	2.89	6.38	0.74	58.82	1.59	0.73	1.72	1.16	3.76	2.01	2.73	1.84	0.90	2.82	1.29	1.13	**3.33**

Note: Please refer Table 1 for description of the industry.

Table B18: Lary's Index: Rajasthan

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.70	0.46	1.33	3.57	1.16	0.18	1.16	2.00	3.16	6.54	3.02	1.11	2.15	4.74	2.30	13.65	1.03	3.25	2.17	1.81	6.22	1.49	**2.04**
1999-00	1.64	0.26	1.34	1.62	0.67	0.61	0.73	4.92	10.41	10.24	7.16	5.34	2.51	1.16	1.85	17.04	2.19	4.79	2.63	5.21	1.32	1.07	**2.97**
2000-01	1.80	0.40	1.38	3.74	1.15	0.65	1.16	1.52	0.80	8.56	5.31	3.28	3.21	4.29	1.87	7.80	1.98	6.85	2.62	2.26	--	1.18	**2.70**
2001-02	1.64	0.19	1.58	1.68	1.01	0.56	1.42	1.42	4.96	5.63	4.17	3.74	1.44	3.02	2.34	27.69	3.03	11.32	2.62	2.72	3.20	1.67	**2.54**
2002-03	2.32	0.21	1.44	3.60	1.23	3.61	1.21	0.38	3.67	4.42	4.47	2.54	1.79	1.33	2.25	14.52	1.94	12.12	2.65	2.38	3.51	1.67	**2.30**
2003-04	2.57	0.30	1.30	2.16	1.02	1.60	0.43	1.82	7.80	5.21	4.09	2.24	3.06	1.73	2.40	18.17	2.49	7.47	3.51	7.45	4.37	1.22	**2.32**
2004-05	2.23	0.70	1.50	1.10	0.94	2.63	1.22	0.33	1.99	4.63	4.71	2.98	3.34	1.42	3.41	21.17	1.68	6.67	2.79	6.48	2.74	1.30	**2.47**
2005-06	2.95	0.35	1.68	1.38	0.95	1.63	1.08	4.35	4.47	3.72	5.01	3.08	3.82	2.20	2.38	11.81	4.25	14.88	2.37	4.36	3.23	1.30	**2.61**
2006-07	4.19	0.34	2.28	1.52	0.84	--	0.56	--	--	5.25	5.46	4.30	4.07	2.18	3.52	--	6.07	63.60	3.65	4.70	3.35	1.74	**3.60**
2007-08	1.69	0.35	2.32	0.49	0.97	--	0.86	3.47	--	3.38	4.47	3.75	5.14	3.09	5.51	--	2.85	17.06	2.64	4.62	5.34	1.49	**2.90**
2008-09	4.12	0.16	1.59	1.20	1.27	--	4.55	6.44	--	9.84	7.18	6.32	2.64	5.34	1.66	22.18	4.73	57.98	4.04	4.40	--	1.51	**3.88**
2009-10	3.61	0.26	1.77	1.38	1.36	0.47	4.56	5.46	--	7.76	5.61	4.62	3.48	15.06	6.89	31.99	1.50	36.96	6.23	4.05	2.93	1.72	**4.14**
2010-11	1.66	0.34	1.62	0.92	1.38	0.97	2.35	5.81	--	3.34	8.17	3.47	5.55	3.05	3.65	3.45	1.52	3.18	5.57	13.48	17.81	1.58	**3.00**
2011-12	4.92	0.55	1.45	1.38	1.95	2.56	2.16	5.67	1.36	10.81	4.55	4.78	4.59	2.90	3.83	3.86	2.74	14.71	3.57	30.51	5.22	1.52	**4.96**

Note: Please refer Table 1 for description of the industry.

Table B19: Lary's Index: Tamil Nadu

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.95	0.61	1.20	0.71	0.53	0.30	1.67	1.25	17.86	1.29	2.60	1.96	1.77	1.43	1.86	4.89	2.03	1.93	5.59	2.38	2.92	0.82	**1.40**
1999-00	0.87	0.23	1.13	0.69	0.92	0.54	1.97	0.75	9.17	1.93	2.28	3.12	2.18	2.32	2.59	10.00	2.76	4.08	2.49	3.47	1.96	0.72	**1.55**
2000-01	1.12	0.34	1.22	0.79	0.56	0.28	4.31	1.17	8.60	1.34	2.20	2.73	1.48	2.32	2.03	4.56	3.13	5.16	4.14	4.28	2.75	0.65	**1.58**
2001-02	1.02	0.38	1.03	0.67	0.62	0.70	1.70	1.29	7.62	1.27	2.61	2.10	2.00	2.30	2.30	3.02	3.39	1.95	5.37	3.69	2.72	0.78	**1.42**
2002-03	0.90	0.43	1.20	0.77	0.67	0.59	2.06	0.96	6.43	1.03	1.60	2.26	1.81	2.10	2.42	5.05	3.09	2.45	4.14	3.80	4.67	0.82	**1.46**
2003-04	0.94	0.78	1.14	0.66	0.68	0.87	1.99	1.32	13.90	1.15	2.17	3.04	1.63	2.49	2.90	19.08	3.20	1.13	3.73	4.71	9.69	0.82	**1.66**
2004-05	0.91	0.93	1.24	0.72	0.61	0.38	1.97	1.13	18.42	1.18	1.98	2.39	2.03	1.95	2.86	8.93	3.45	2.90	2.63	4.45	6.00	0.95	**1.62**
2005-06	1.23	0.61	1.40	0.79	0.62	1.23	2.49	1.41	12.38	1.39	1.86	2.49	2.25	2.42	4.52	8.38	3.65	4.72	2.62	4.70	5.10	1.57	**1.86**
2006-07	1.22	0.61	1.44	0.85	0.86	0.64	2.37	1.36	32.28	1.01	2.06	2.76	2.32	3.70	2.73	11.52	9.75	3.43	3.34	4.73	14.79	1.23	**2.01**
2007-08	1.50	0.31	1.52	0.86	0.76	0.80	1.00	1.12	27.59	1.00	1.87	3.86	3.10	3.22	5.10	9.24	2.66	19.40	3.91	4.18	3.01	1.68	**2.08**
2008-09	1.48	0.82	1.25	0.97	0.56	1.35	2.44	1.21	12.44	1.59	1.54	2.90	1.72	3.18	4.12	10.87	3.33	3.85	4.52	3.96	4.01	1.23	**1.93**
2009-10	1.32	0.44	1.64	0.85	1.25	0.97	2.42	1.71	4.07	1.30	1.86	3.59	2.54	4.86	6.88	18.05	5.44	5.87	6.26	4.89	3.43	2.30	**2.57**
2010-11	1.24	19.83	1.61	0.82	0.52	--	2.59	3.52	6.30	1.72	2.37	3.56	4.96	2.73	4.43	4.48	3.98	2.67	6.94	5.25	13.76	2.18	**2.46**
2011-12	1.45	1.16	1.17	0.82	0.66	1.17	2.38	1.86	4.73	2.62	2.56	3.56	5.20	2.76	4.96	9.08	4.62	3.51	10.21	5.43	4.12	3.08	**2.51**

Note: Please refer Table 1 for description of the industry.

Table B20: Lary's Index: Uttar Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.29	3.18	1.16	2.11	0.87	0.31	1.82	1.71	--	6.27	2.10	0.76	4.48	1.56	2.16	22.46	2.45	5.09	1.07	3.48	2.56	2.13	**2.22**
1999-00	1.06	3.98	1.23	2.91	0.73	2.11	1.55	2.43	3.83	5.03	2.55	0.90	4.19	1.65	2.27	0.88	2.55	5.03	1.68	5.98	2.83	1.09	**2.20**
2000-01	1.49	3.61	1.32	1.35	0.75	1.06	1.53	1.77	15.41	3.91	2.93	1.26	5.24	1.53	1.49	70.71	1.32	6.08	1.77	3.27	2.99	1.27	**2.29**
2001-02	1.38	4.60	1.15	1.77	1.11	1.05	1.38	1.65	0.91	4.79	2.57	1.25	5.60	1.25	1.64	39.12	2.02	8.70	3.09	4.25	1.63	2.41	**2.49**
2002-03	1.23	5.40	1.41	1.79	0.93	0.92	1.70	1.73	2.22	5.58	2.78	1.33	5.54	1.03	1.75	58.81	2.66	10.34	2.98	4.35	2.06	1.33	**2.69**
2003-04	1.16	5.30	1.05	1.00	0.78	0.62	2.07	2.77	3.88	5.06	3.27	1.37	6.02	1.12	2.16	47.13	2.48	11.69	2.29	4.62	2.57	1.50	**2.62**
2004-05	1.48	4.28	1.29	1.15	0.77	0.89	1.76	1.91	0.67	5.10	2.99	4.79	4.69	0.96	2.01	25.96	3.09	9.82	2.84	5.25	1.76	1.17	**2.64**
2005-06	1.74	5.65	1.29	1.23	0.79	0.83	2.27	1.49	1.72	4.87	3.16	0.97	4.74	0.99	2.18	23.15	3.15	11.20	2.19	4.63	2.31	1.31	**2.58**
2006-07	2.17	6.72	1.42	1.22	0.91	1.10	1.82	1.92	33.14	5.27	2.65	1.57	7.04	1.20	2.16	44.65	5.09	3.41	2.44	6.18	3.61	1.52	**3.05**
2007-08	1.66	8.50	1.65	1.20	0.90	0.68	2.91	1.99	25.31	5.98	2.90	1.38	5.35	1.23	3.30	29.47	3.48	5.41	2.69	5.92	1.25	1.78	**2.84**
2008-09	1.76	7.64	1.77	1.23	1.16	0.77	2.61	1.40	17.28	8.95	2.75	1.31	5.15	1.20	3.21	13.54	3.40	7.50	5.97	3.03	1.60	1.55	**2.83**
2009-10	1.52	14.63	2.96	1.18	1.23	0.31	2.97	3.47	13.09	6.43	3.12	1.42	4.13	1.36	4.15	14.54	3.95	22.49	3.89	8.54	1.12	1.76	**3.36**
2010-11	2.99	14.67	1.52	1.09	0.84	0.28	2.96	4.38	14.93	7.69	3.72	1.48	7.85	0.80	4.33	5.27	3.06	42.08	2.35	10.41	3.17	2.88	**3.88**
2011-12	1.48	6.47	1.32	0.93	1.18	1.00	2.43	3.16	29.78	7.66	3.54	1.48	6.81	0.82	4.46	1.46	2.79	17.48	3.47	5.91	2.48	2.09	**2.82**

Note: Please refer Table 1 for description of the industry.

Table B21: Lary's Index: Uttarakhand

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.87	--	--	1.01	0.13	--	0.99	--	--	1.46	11.26	0.99	--	0.99	--	--	5.77	0.39	0.73	0.79	0.31	3.04	**1.40**
1999-00	1.44	--	0.05	--	1.39	0.24	2.12	0.01	--	0.50	12.52	0.72	2.11	1.14	0.61	--	5.36	3.94	0.17	--	--	1.81	**1.85**
2000-01	1.68	--	0.11	1.30	--	0.64	3.03	3.08	--	3.91	6.32	0.31	1.55	0.72	5.35	--	4.22	4.66	2.64	--	0.57	1.73	**2.78**
2001-02	1.62	--	0.54	1.63	1.42	0.54	2.75	3.32	--	3.64	8.33	0.40	1.66	0.57	3.62	--	3.86	6.32	2.66	--	0.58	2.38	**2.62**
2002-03	1.55	--	1.20	1.79	1.58	0.70	3.56	3.29	--	5.15	11.21	0.81	2.24	0.57	8.00	--	6.17	10.75	4.70	0.49	--	1.90	**3.86**
2003-04	1.57	--	1.92	1.83	--	0.57	4.00	4.21	--	7.93	12.82	0.99	2.79	0.92	8.78	--	5.98	14.19	--	0.52	--	1.35	**4.21**
2004-05	1.43	--	4.62	1.27	5.17	0.68	3.52	1.16	--	6.44	5.96	1.26	2.62	0.91	10.34	--	4.33	13.49	0.52	1.11	--	1.96	**4.06**
2005-06	1.67	--	5.86	2.57	3.95	0.96	4.22	1.62	--	5.78	2.88	0.82	3.82	1.62	8.88	--	4.47	12.08	20.34	3.57	--	1.52	**4.25**
2006-07	1.35	--	5.90	2.09	3.61	1.10	3.07	2.24	0.02	6.98	3.86	1.65	4.01	2.00	8.29	--	3.02	15.28	12.54	4.53	0.15	1.35	**4.33**
2007-08	3.16	--	6.42	3.33	3.49	2.34	6.10	3.44	0.15	5.22	8.89	2.51	6.03	3.02	6.46	257.63	3.17	10.87	12.65	1.68	3.98	2.29	**4.98**
2008-09	3.12	1.56	2.01	2.78	1.83	6.24	3.19	3.14	--	12.47	4.97	2.02	5.76	3.70	14.09	24.95	4.34	293.32	9.84	3.43	4.28	1.75	**12.31**
2009-10	3.24	--	2.50	1.26	2.02	5.10	2.24	2.08	--	5.04	4.05	2.12	5.94	3.91	11.62	22.51	4.70	17.25	10.85	7.59	12.74	2.79	**5.67**
2010-11	12.45	--	3.37	0.97	5.78	4.18	3.35	2.49	1.09	5.88	4.89	2.08	15.57	2.73	11.85	4.42	3.32	4.97	9.25	3.53	5.91	4.42	**5.75**
2011-12	5.39	--	2.49	1.37	2.44	4.95	2.97	4.72	--	5.63	2.69	3.35	15.70	1.32	11.26	2.82	3.34	10.31	9.80	4.43	13.59	4.51	**5.33**

Note: Please refer Table 1 for description of the industry.

Table B22: Lary's Index: West Bengal

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	0.78	3.01	0.58	0.89	1.93	0.31	0.47	3.26	5.18	2.16	1.12	1.35	0.86	1.39	0.41	--	2.40	10.87	1.48	0.67	1.09	1.70	**1.08**
1999-00	0.72	1.38	0.71	0.99	0.89	0.23	0.76	2.96	2.10	1.89	1.00	1.48	1.63	1.32	1.39	1.70	3.39	3.08	1.41	0.67	1.14	0.43	**1.15**
2000-01	0.64	2.21	0.62	3.36	1.39	0.42	0.78	3.73	0.64	3.24	1.23	1.15	1.35	1.47	1.40	8.62	3.28	3.62	2.84	0.67	0.95	2.10	**1.12**
2001-02	0.69	1.35	0.70	1.74	1.46	0.56	0.97	2.13	2.08	4.32	1.25	1.42	1.73	1.87	1.39	12.71	2.55	2.86	2.32	0.70	1.01	2.29	**1.26**
2002-03	0.65	1.97	0.72	2.29	1.56	0.52	0.89	2.26	4.58	5.54	2.46	1.81	1.77	1.72	1.56	21.01	2.81	1.30	2.12	0.65	1.33	1.73	**1.39**
2003-04	0.57	1.79	0.67	1.59	1.37	0.80	1.20	2.01	5.44	6.72	1.35	2.16	2.34	1.88	1.76	26.51	2.57	2.04	1.65	0.40	1.58	1.81	**1.47**
2004-05	0.82	1.82	0.63	1.72	1.15	0.76	1.21	2.28	5.88	8.84	1.52	3.74	2.95	2.01	1.69	28.06	3.30	2.37	1.70	0.27	1.86	2.26	**1.70**
2005-06	0.76	1.27	0.70	2.42	2.19	1.12	1.37	2.91	4.30	7.09	2.18	2.39	1.80	2.06	1.56	20.29	3.72	3.38	4.35	0.99	1.96	1.56	**1.52**
2006-07	0.91	2.62	0.71	1.72	1.92	1.51	1.34	2.58	6.36	7.28	2.03	1.61	2.14	2.17	2.08	64.37	4.12	4.49	3.45	1.17	1.94	1.08	**1.76**
2007-08	1.12	0.58	0.90	2.71	2.13	1.19	1.27	4.03	6.79	8.15	1.98	3.29	2.94	2.17	2.43	66.40	3.94	5.10	5.02	0.31	2.41	1.33	**1.99**
2008-09	1.40	0.29	0.81	1.37	1.92	0.95	0.97	1.58	7.60	7.38	1.34	3.70	2.59	2.02	2.48	8.09	4.84	4.31	2.27	0.23	2.32	1.70	**1.91**
2009-10	1.57	0.56	0.83	2.42	1.52	2.03	1.20	1.31	4.55	5.95	2.12	3.58	3.27	4.42	2.33	15.78	4.73	1.92	4.82	0.63	2.32	2.34	**2.18**
2010-11	2.11	0.80	0.74	2.30	1.47	2.03	1.89	3.95	4.73	11.34	1.84	3.05	1.47	1.19	5.36	7.48	6.31	2.55	3.61	0.59	2.39	2.37	**2.11**
2011-12	1.50	1.83	0.77	1.95	1.03	1.40	2.00	1.88	2.53	5.20	2.02	3.41	3.26	0.97	3.05	7.05	3.89	6.90	4.18	0.15	1.82	1.24	**1.90**

Note: Please refer Table 1 for description of the industry.

Table B23: Lary's Index: Other States/UTs

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	2.39	11.30	4.04	2.06	0.86	0.34	2.19	2.01	74.53	4.86	3.65	0.85	1.97	3.25	3.98	25.35	19.41	4.96	6.55	1.27	1.84	2.42	**3.97**
1999-00	1.86	0.94	2.11	1.13	0.38	0.30	1.52	2.31	12.53	6.46	3.01	0.76	10.80	2.23	5.20	19.94	12.14	10.46	8.74	1.65	2.42	2.46	**4.05**
2000-01	2.97	31.16	3.16	0.96	0.59	0.28	1.81	2.21	13.47	7.61	3.08	1.06	2.43	2.52	4.60	67.24	4.60	5.92	2.24	2.22	3.54	3.44	**3.86**
2001-02	3.38	5.65	2.02	1.28	0.72	1.18	1.94	1.41	11.75	8.00	3.34	0.87	2.42	2.41	5.07	78.56	9.45	2.90	3.28	2.14	3.91	3.19	**4.06**
2002-03	3.46	1.82	2.65	2.33	0.89	0.89	2.21	1.30	25.32	8.06	3.24	0.84	2.27	1.47	3.22	63.60	7.10	6.46	2.48	0.65	4.38	3.18	**4.06**
2003-04	3.73	2.39	2.88	1.95	0.87	0.92	1.99	2.15	22.49	7.95	2.70	0.88	7.69	3.46	3.53	42.48	7.71	3.84	2.94	3.32	4.26	2.94	**4.35**
2004-05	4.25	2.66	2.46	4.05	1.00	0.91	2.11	2.26	10.52	9.42	2.43	0.78	15.98	2.87	2.95	68.77	5.89	4.66	2.06	3.61	4.02	2.65	**4.61**
2005-06	4.73	2.62	3.93	3.83	0.81	0.93	3.10	2.52	12.21	7.41	2.85	1.09	1.41	3.90	2.96	369.57	10.53	4.78	6.69	3.53	3.86	2.17	**6.16**
2006-07	3.29	4.24	4.73	6.00	0.88	0.66	2.78	4.32	9.46	6.92	2.63	1.47	2.18	2.49	5.41	88.50	12.13	10.00	2.51	3.40	4.55	2.35	**5.00**
2007-08	2.69	4.67	4.28	1.40	0.91	0.84	1.66	3.64	14.90	6.48	2.53	1.47	3.08	4.87	3.81	143.71	16.43	10.00	9.78	2.99	4.16	1.70	**5.42**
2008-09	5.37	3.69	5.16	1.79	1.00	0.89	2.47	4.87	2.32	8.48	3.09	1.18	9.32	3.20	7.74	77.40	6.99	7.13	2.27	4.52	2.15	1.73	**5.05**
2009-10	3.47	4.51	4.29	1.08	2.52	2.81	2.70	2.40	10.13	5.85	3.32	1.18	1.64	3.08	9.30	61.31	6.50	7.45	2.67	4.54	3.46	2.25	**4.56**
2010-11	2.64	9.05	4.33	1.96	1.08	1.55	2.63	2.87	14.38	5.99	2.30	1.23	3.97	2.08	4.90	26.00	5.59	100.88	1.61	3.07	4.67	2.74	**3.83**
2011-12	7.59	3.21	3.73	2.46	0.65	1.61	2.49	1.64	12.97	7.74	2.08	1.10	5.91	1.52	8.49	13.15	7.24	35.99	3.02	2.54	2.46	1.65	**3.82**

Note: Please refer Table 1 for description of the industry.

Table B24: Lary's Index: All India

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	1.24	0.44	1.15	1.16	1.02	0.43	1.55	2.23	10.41	5.17	2.36	1.53	3.42	1.88	2.22	11.65	3.78	4.98	2.60	2.69	1.32	1.72	**2.09**
1999-00	1.24	0.51	1.26	1.25	1.02	0.57	1.55	2.08	7.74	4.98	2.81	2.12	3.54	1.84	2.76	9.61	3.57	5.85	2.65	3.40	2.86	2.34	**2.25**
2000-01	1.26	0.51	1.30	1.07	0.81	0.56	2.15	1.88	8.74	4.20	2.51	2.13	3.07	1.75	2.80	16.29	3.12	5.83	2.66	2.84	2.18	1.76	**2.07**
2001-02	1.33	0.44	1.24	1.01	0.91	0.65	1.78	1.77	9.61	4.24	2.77	1.91	3.03	1.92	2.75	20.67	3.46	6.62	3.45	3.09	3.22	2.25	**2.13**
2002-03	1.29	0.52	1.36	1.12	0.95	0.73	2.18	1.75	17.58	4.54	2.84	1.38	4.26	1.97	2.52	29.16	3.56	8.30	2.88	3.38	3.56	1.70	**2.33**
2003-04	1.17	0.52	1.30	0.88	0.94	0.76	2.13	2.08	20.13	4.95	2.83	2.00	5.01	2.24	2.94	28.40	3.89	8.76	3.37	4.59	4.12	1.73	**2.56**
2004-05	1.19	0.53	1.34	0.96	0.84	0.73	2.15	2.09	19.43	5.16	2.94	2.27	6.35	2.11	2.95	21.08	3.86	8.67	3.71	5.08	4.37	1.85	**2.73**
2005-06	1.42	0.55	1.61	0.98	0.94	1.06	2.53	2.50	21.92	5.47	2.63	1.98	4.65	2.43	3.34	46.08	4.81	9.68	3.44	6.02	4.54	1.84	**2.91**
2006-07	1.88	0.64	1.73	1.17	1.13	0.69	2.36	2.56	23.14	5.66	2.52	2.40	5.15	2.91	3.53	31.40	5.81	10.77	3.40	5.16	4.66	2.00	**3.14**
2007-08	1.79	0.61	1.84	1.22	1.03	0.96	2.08	3.17	22.91	5.83	3.19	3.15	6.18	3.02	4.07	29.57	5.09	11.35	4.55	4.86	4.41	2.18	**3.41**
2008-09	1.83	0.73	1.67	1.30	1.11	0.83	2.52	2.19	21.32	9.46	3.79	3.00	4.11	3.15	4.95	16.75	4.95	35.18	4.36	4.08	4.46	1.72	**3.61**
2009-10	1.66	0.60	2.02	1.23	1.46	1.12	2.27	2.67	19.25	6.42	3.89	3.21	4.86	3.84	5.42	18.62	5.08	13.73	7.35	5.16	5.88	2.37	**3.64**
2010-11	2.13	0.92	1.95	1.04	0.99	0.99	2.78	4.15	23.20	7.29	3.99	2.39	5.79	2.45	5.20	6.13	4.61	16.41	6.30	4.36	5.56	2.44	**3.55**
2011-12	2.34	0.80	1.60	1.00	1.14	1.54	2.57	3.39	16.40	8.76	3.24	2.69	8.05	1.99	6.04	5.75	4.64	11.35	6.74	4.86	4.42	2.44	**3.76**

Note: Please refer Table 1 for description of the industry.

Annexure C: Number of Workers Per Factory Unit

Table C1: Number of Workers Per Factory Unit: Andhra Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	23.21	622.89	92.33	83.54	24.59	10.50	46.61	33.98	23.62	41.53	24.08	16.46	84.12	15.93	36.84	33.50	65.44	63.74	100.91	58.74	114.58	22.42	**55.67**
1999-00	26.02	694.98	101.03	32.36	26.06	19.51	59.64	26.52	33.17	56.63	23.01	21.32	106.19	17.86	37.27	33.00	63.01	53.76	42.39	82.36	99.84	20.83	**61.11**
2000-01	22.93	705.74	106.12	99.43	28.67	18.13	46.91	29.43	28.81	53.90	23.90	20.34	65.86	36.73	33.62	26.50	68.74	81.20	54.63	49.29	167.16	31.46	**56.64**
2001-02	23.89	698.69	142.48	72.59	18.85	13.05	51.92	29.02	22.34	46.17	22.62	23.57	76.23	26.81	33.42	340.00	56.80	76.98	61.76	62.61	139.71	28.84	**54.83**
2002-03	22.62	710.54	120.61	101.23	17.36	16.16	37.11	48.81	31.55	50.94	22.24	80.53	61.66	20.37	27.97	98.83	65.76	68.63	68.10	67.73	169.14	58.05	**61.73**
2003-04	20.49	830.74	122.22	90.83	15.35	16.37	40.07	29.14	20.36	50.71	23.79	19.02	70.13	20.34	27.53	125.60	55.15	49.36	64.55	79.25	290.75	44.08	**50.77**
2004-05	22.09	726.31	150.34	88.60	21.41	13.74	48.06	27.37	31.59	52.76	26.70	19.76	73.35	28.45	31.25	35.50	71.16	83.79	67.36	74.19	169.42	41.98	**51.99**
2005-06	21.73	679.93	155.36	107.50	15.98	18.16	39.89	27.27	39.86	61.73	30.75	21.74	71.19	39.23	32.69	51.40	81.55	144.37	56.53	90.24	281.07	68.25	**53.89**
2006-07	25.11	649.67	164.61	132.15	16.24	19.18	45.36	27.18	41.38	62.40	28.61	26.30	72.21	35.90	33.39	47.40	80.88	86.59	46.27	83.61	139.29	47.62	**54.54**
2007-08	25.58	614.45	162.00	137.51	59.29	14.66	53.03	28.47	50.11	63.46	27.38	19.09	72.76	36.78	37.54	56.00	84.67	212.45	47.15	76.33	273.61	41.80	**53.55**
2008-09	26.15	751.12	146.54	200.30	128.05	13.73	39.69	29.23	115.72	70.40	36.09	23.08	84.51	37.65	48.22	73.97	61.18	48.10	68.91	103.16	95.75	40.67	**55.85**
2009-10	28.61	856.54	140.61	197.82	94.37	12.99	40.99	28.50	53.73	79.32	39.89	24.07	81.20	36.86	46.80	81.02	104.88	68.84	50.38	81.51	192.06	52.76	**57.03**
2010-11	18.88	501.92	103.19	159.01	82.53	9.52	37.50	26.68	38.23	52.94	28.36	19.64	50.96	26.01	33.68	83.94	67.32	125.00	55.29	52.89	211.85	36.14	**40.25**
2011-12	21.68	557.37	114.16	181.48	96.33	6.06	30.17	30.63	46.27	59.03	21.66	16.43	58.42	18.20	31.49	99.99	65.33	92.93	51.08	72.84	130.18	33.40	**41.07**

Note: Please refer Table 1 for description of the industry.

Table C2: Number of Workers Per Factory Unit: Assam

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	80.48	--	196.94	--	--	8.10	525.00	22.77	314.62	74.38	26.00	36.63	25.40	8.48	45.30	--	12.25	--	--	41.00	--	--	**67.95**
1999-00	74.18	--	180.88	--	--	0.38	415.71	22.83	295.06	84.96	11.33	38.32	21.74	18.97	24.74	--	14.27	--	--	37.00	--	7.00	**59.50**
2000-01	74.40	78.10	161.20	--	--	3.69	517.33	26.10	348.73	85.96	21.13	40.56	20.25	19.58	32.05	--	38.00	--	--	38.00	--	7.86	**65.92**
2001-02	74.84	67.00	155.43	--	--	3.82	1171.33	22.05	383.42	73.35	14.61	54.38	16.06	15.22	34.69	--	38.07	--	--	36.33	--	7.55	**67.41**
2002-03	70.69	106.70	110.13	--	--	3.76	355.91	22.13	256.47	65.75	11.58	48.12	13.21	23.18	28.28	--	32.60	28.67	--	34.00	--	7.14	**62.20**
2003-04	69.08	79.89	98.41	--	--	7.33	303.00	21.77	294.29	69.66	20.36	48.07	20.60	16.87	39.26	--	30.33	23.75	--	26.67	--	15.86	**62.76**
2004-05	66.67	84.33	51.84	--	--	6.37	224.28	24.92	248.90	75.51	32.67	50.09	28.98	9.67	46.03	--	36.00	12.67	--	35.00	--	11.17	**60.76**
2005-06	67.41	55.44	68.74	--	--	8.83	141.21	25.12	168.08	86.36	22.74	52.31	12.24	18.88	45.77	--	34.93	8.17	--	34.00	--	8.50	**60.74**
2006-07	70.78	55.88	76.63	--	--	7.67	133.59	21.67	130.40	86.32	15.50	48.89	23.27	36.86	33.38	--	34.50	41.50	--	26.33	--	11.67	**60.70**
2007-08	66.61	57.76	53.62	--	--	8.09	151.41	22.74	137.87	94.48	18.33	63.29	24.08	20.31	33.41	--	31.28	40.75	--	43.33	--	20.17	**62.26**
2008-09	63.91	45.42	88.52	9.00	--	17.22	113.68	33.40	153.76	74.72	21.11	54.18	23.82	21.03	44.62	18.25	21.22	--	--	29.33	--	7.15	**58.97**
2009-10	66.34	62.83	79.92	8.25	--	7.39	108.55	31.41	142.05	79.40	13.94	49.27	34.21	27.84	22.33	--	15.50	--	--	29.75	--	9.89	**57.99**
2010-11	60.45	35.29	65.10	7.00	--	11.44	81.54	35.96	112.07	83.26	12.28	47.31	23.76	9.19	46.14	62.25	21.43	--	--	30.33	--	7.92	**51.96**
2011-12	62.07	91.67	50.86	7.50	--	32.15	72.09	25.00	96.97	102.76	24.23	41.35	32.24	17.27	35.06	28.46	5.98	--	--	44.60	--	12.95	**51.39**

Note: Please refer Table 1 for description of the industry.

Table C3: Number of Workers Per Factory Unit: Bihar

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	43.18	15.75	188.56	--	269.50	10.58	13.17	24.29	97.18	34.55	17.32	38.20	43.64	13.02	10.94	--	25.75	--	--	--	301.50	1.70	**35.67**
1999-00	43.41	16.49	162.69	--	111.25	15.38	13.68	15.84	87.90	41.40	21.80	42.92	45.58	28.47	22.13	--	11.30	--	--	--	199.00	6.17	**38.19**
2000-01	40.94	15.68	178.85	--	184.78	10.07	8.60	17.67	60.28	51.55	13.81	39.24	27.35	14.51	13.27	--	36.83	15.67	--	--	199.17	8.14	**34.89**
2001-02	48.52	20.54	156.20	--	175.56	8.91	21.86	14.80	66.44	40.93	15.69	45.43	23.77	11.07	22.72	--	7.45	--	--	0.50	190.50	8.00	**37.46**
2002-03	41.02	18.91	151.70	--	184.13	11.09	34.48	7.93	67.85	23.63	13.93	37.75	28.35	8.72	18.22	--	6.89	--	20.00	--	130.14	8.00	**33.68**
2003-04	50.40	19.11	134.18	--	200.00	9.93	36.05	10.56	63.24	20.10	12.47	35.23	45.83	9.67	18.20	--	8.11	--	--	--	110.33	4.80	**33.93**
2004-05	44.24	20.23	161.48	--	152.25	9.02	29.64	14.70	57.80	20.41	15.70	31.98	29.49	10.24	17.76	--	8.73	--	--	--	166.75	5.00	**32.34**
2005-06	51.99	24.76	198.21	--	157.57	11.91	38.52	14.86	42.74	16.96	10.88	37.10	37.16	13.70	17.19	--	8.57	--	--	--	160.25	5.60	**36.43**
2006-07	49.60	26.84	209.69	--	211.80	7.65	38.16	14.29	43.18	22.96	13.00	38.88	32.89	13.47	9.50	--	8.86	--	--	--	152.25	5.20	**36.53**
2007-08	55.39	21.47	175.40	--	159.83	11.55	38.40	16.72	55.30	21.20	14.80	38.26	34.12	15.41	10.87	--	7.63	--	--	--	190.00	6.60	**37.50**
2008-09	43.45	31.23	144.33	--	152.67	11.74	27.13	15.83	53.18	13.00	15.28	35.28	125.15	16.37	28.07	--	11.00	--	--	5.00	86.00	16.25	**37.82**
2009-10	45.73	23.83	157.00	--	104.56	11.04	38.05	4.73	47.82	58.19	13.20	40.75	51.00	12.87	48.46	--	49.42	--	--	--	54.29	24.00	**40.21**
2010-11	22.58	25.31	161.04	--	113.57	12.25	31.17	7.50	30.28	17.90	13.26	43.14	43.35	11.07	29.22	--	6.22	--	--	7.75	84.43	8.75	**34.33**
2011-12	26.66	17.91	174.52	3.33	110.00	7.13	42.32	4.67	23.31	14.49	4.58	44.31	24.36	9.58	170.14	--	7.50	--	--	8.75	91.29	5.75	**35.19**

Note: Please refer Table 1 for description of the industry.

Table C4: Number of Workers Per Factory Unit: Chhattisgarh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	24.90	25.28	149.27	50.40	5.00	14.63	60.88	16.60	9.40	32.49	13.93	103.24	162.63	28.16	45.80	--	8.00	--	--	--	31.07	4.20	**59.98**
1999-00	16.62	11.69	193.79	--	--	11.02	33.71	15.67	6.80	22.96	30.26	186.07	226.10	20.45	41.86	--	53.36	--	--	--	30.88	17.70	**58.85**
2000-01	18.80	23.95	144.00	--	13.71	9.41	66.96	27.92	15.33	25.21	33.29	83.60	140.09	19.69	53.60	--	39.30	--	--	--	30.67	12.29	**52.91**
2001-02	15.07	22.85	126.75	--	11.71	12.72	64.65	30.33	8.43	31.47	56.83	94.37	167.38	21.96	59.31	--	32.19	--	--	--	37.33	9.13	**51.10**
2002-03	18.85	21.39	87.69	--	59.82	11.76	50.37	34.27	21.69	25.60	41.57	85.30	161.82	25.93	43.23	--	27.32	--	--	--	57.21	13.00	**51.71**
2003-04	23.73	54.04	89.46	--	12.57	9.68	49.11	35.00	51.18	19.90	50.74	79.03	153.72	30.48	48.51	--	30.55	--	--	--	48.59	12.30	**56.23**
2004-05	23.64	77.68	88.08	--	8.57	7.89	39.52	36.00	45.96	19.86	117.79	75.27	159.63	34.42	69.71	--	46.36	--	--	--	63.63	12.30	**58.78**
2005-06	22.03	110.92	96.33	--	5.71	11.56	55.23	35.10	54.81	45.47	31.12	74.52	116.68	45.73	86.36	--	34.07	--	--	--	66.40	20.00	**57.75**
2006-07	23.91	83.77	127.21	--	6.00	7.20	45.96	31.70	52.74	45.03	17.57	89.83	133.57	35.22	60.49	--	44.80	--	--	--	60.44	19.89	**60.15**
2007-08	22.41	107.59	82.93	--	6.00	10.40	46.84	35.62	95.54	24.07	14.73	67.51	148.98	43.37	56.03	--	15.25	--	--	--	79.00	19.78	**64.19**
2008-09	23.95	101.80	145.83	--	3.86	9.81	45.93	41.27	160.90	40.37	43.95	103.36	144.87	56.05	53.08	12.33	20.14	--	--	100.00	72.67	26.92	**67.22**
2009-10	17.40	86.69	85.08	--	6.20	8.23	34.90	35.54	48.04	24.65	31.05	76.97	143.36	55.66	59.70	27.50	44.60	--	--	--	83.00	17.74	**58.69**
2010-11	17.68	85.53	82.92	--	7.20	5.84	41.85	31.69	48.00	18.57	16.07	74.45	137.47	60.52	87.56	56.00	43.41	--	--	--	232.68	10.13	**57.62**
2011-12	18.95	100.05	80.77	--	5.50	15.73	30.03	40.08	35.29	16.02	16.92	57.54	141.17	54.12	88.77	45.67	20.05	--	--	--	79.31	16.07	**56.31**

Note: Please refer Table 1 for description of the industry.

Table C5: Number of Workers Per Factory Unit: Delhi

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	38.42	28.47	14.59	32.03	25.99	20.94	17.49	28.86	0.00	26.30	18.30	18.73	12.71	20.04	19.56	1.88	17.06	33.31	18.94	23.83	36.98	24.64	**23.82**
1999-00	39.65	37.23	29.04	30.07	31.28	23.09	20.22	23.47	--	35.39	18.72	19.03	12.29	23.13	17.20	4.36	24.09	21.81	23.31	24.09	18.20	16.81	**23.96**
2000-01	38.74	34.28	14.95	38.73	36.59	33.88	17.68	26.91	5.50	23.38	13.92	16.41	10.77	21.76	17.25	8.00	20.93	19.28	21.00	24.85	18.89	18.33	**23.68**
2001-02	41.27	22.44	17.97	37.69	24.29	22.75	17.31	22.75	6.67	21.83	16.09	19.29	8.34	19.70	10.63	5.11	24.77	18.06	18.90	23.96	22.33	24.40	**23.42**
2002-03	47.90	22.55	18.04	48.78	22.63	30.50	14.55	27.25	6.67	26.92	14.54	14.50	10.55	19.91	15.22	8.00	16.59	18.52	19.41	21.86	22.84	31.65	**25.49**
2003-04	45.54	19.18	23.49	48.15	24.32	29.00	18.93	23.75	6.67	24.38	13.40	17.29	9.57	19.28	13.13	8.83	17.56	19.92	22.78	19.26	23.38	25.16	**25.27**
2004-05	34.49	12.00	29.65	55.84	23.84	6.00	14.09	21.63	7.00	19.74	15.17	15.75	8.46	23.02	14.39	8.81	21.24	18.94	23.93	21.97	20.14	25.73	**26.11**
2005-06	46.92	38.50	27.53	57.50	25.71	8.75	12.90	23.37	11.75	20.76	13.44	15.12	8.56	20.26	14.11	20.75	21.80	21.28	22.51	20.22	25.37	30.08	**26.93**
2006-07	46.25	12.64	22.94	54.42	21.56	8.33	14.96	21.83	7.67	25.82	14.93	10.87	9.74	24.54	16.39	14.18	21.17	25.44	27.88	33.42	23.23	31.63	**27.81**
2007-08	43.60	31.06	30.05	53.71	28.37	6.40	21.93	25.49	8.60	19.78	17.77	10.33	11.49	24.92	15.42	12.57	26.51	15.44	24.75	23.73	21.17	24.79	**27.98**
2008-09	52.46	24.29	28.88	61.68	28.98	9.00	23.88	25.65	9.00	23.86	13.91	14.10	12.78	22.34	16.50	21.78	24.62	18.72	14.14	23.28	27.66	21.42	**29.65**
2009-10	47.16	22.08	23.75	54.49	37.49	11.31	17.93	24.87	6.67	20.82	19.60	20.30	9.07	27.21	17.50	31.56	23.68	26.02	15.10	32.61	21.02	22.87	**29.39**
2010-11	40.19	20.58	16.36	35.38	30.36	7.79	14.37	14.16	4.14	12.18	9.28	11.24	5.92	14.95	14.39	16.61	17.90	10.04	13.44	15.24	11.94	18.63	**19.45**
2011-12	55.72	12.95	16.91	32.19	21.62	12.80	9.68	16.61	5.33	19.98	8.01	10.76	6.75	14.61	11.55	15.82	16.02	17.16	14.47	27.54	9.12	15.35	**19.59**

Note: Please refer Table 1 for description of the industry.

Table C6: Number of Workers Per Factory Unit: Goa

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	57.11	--	32.64	30.43	--	--	14.82	26.14	103.67	44.65	37.18	28.38	64.57	19.47	27.36	64.00	30.47	44.93	48.50	64.87	95.83	76.70	**44.23**
1999-00	42.48	--	32.00	32.33	--	--	36.50	31.09	107.00	54.79	39.98	25.24	64.58	19.67	25.53	52.75	20.38	48.93	52.75	59.92	103.00	52.93	**44.31**
2000-01	50.83	--	29.59	54.67	--	--	20.36	28.27	109.67	55.05	32.05	21.19	48.88	18.85	24.32	36.20	22.76	47.00	30.96	50.65	119.33	30.83	**40.70**
2001-02	43.23	--	29.33	--	--	--	19.50	27.10	94.00	57.87	28.51	21.46	52.98	17.60	23.63	58.00	47.94	43.50	47.00	47.86	120.67	38.70	**41.11**
2002-03	46.14	--	28.36	--	--	--	23.91	30.27	63.50	69.68	58.15	19.19	55.80	15.42	29.12	75.00	34.00	39.12	42.55	72.17	72.57	41.60	**45.22**
2003-04	40.97	--	26.70	--	--	--	23.66	25.17	63.60	64.94	37.40	33.96	57.75	19.35	31.59	69.38	41.25	57.40	42.91	78.69	87.88	44.65	**46.01**
2004-05	43.18	--	31.80	--	--	--	18.72	27.75	43.20	86.93	47.30	38.89	52.81	21.58	34.73	98.29	56.59	71.27	56.57	111.82	99.29	56.15	**55.01**
2005-06	46.97	--	31.07	--	--	--	19.88	31.00	60.83	75.12	44.45	38.20	62.87	22.30	30.97	117.67	62.00	59.69	72.38	182.91	91.50	59.13	**55.36**
2006-07	53.99	--	28.30	--	--	--	32.45	43.88	84.00	87.39	41.54	42.27	62.61	25.46	30.89	135.20	62.07	100.90	81.68	282.56	136.00	48.88	**63.28**
2007-08	47.95	--	36.50	--	--	--	20.11	35.82	104.20	109.66	68.12	51.05	69.96	69.81	28.88	124.17	79.20	72.83	90.76	309.13	150.58	75.96	**73.55**
2008-09	63.94	--	36.00	--	--	--	40.11	33.00	95.00	114.88	75.14	49.25	81.45	33.92	34.38	111.56	61.55	315.20	86.78	217.09	96.40	92.96	**79.11**
2009-10	66.95	--	47.00	--	--	--	33.39	25.72	50.67	112.68	46.68	60.57	85.00	62.45	33.35	112.25	82.29	77.33	104.00	192.00	70.10	68.89	**76.32**
2010-11	65.48	--	34.86	--	--	--	19.07	27.57	94.75	77.85	64.09	27.92	65.21	23.96	46.94	49.29	92.61	76.33	34.75	185.09	62.87	61.68	**62.43**
2011-12	72.28	--	58.50	--	--	--	24.42	41.00	119.80	130.21	103.15	31.76	52.19	36.72	43.38	67.38	70.62	48.00	30.67	91.36	188.36	76.17	**78.09**

Note: Please refer Table 1 for description of the industry.

Table C7: Number of Workers Per Factory Unit: Gujarat

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	47.69	19.29	73.25	69.37	28.08	9.56	32.08	19.71	42.94	51.05	25.19	25.63	24.95	17.21	22.01	63.50	34.93	82.69	31.25	134.75	50.30	77.53	**39.51**
1999-00	43.60	18.72	76.78	56.73	26.00	8.18	30.29	20.38	47.83	62.15	21.61	25.70	25.70	29.60	26.82	72.11	37.21	34.22	39.37	40.05	49.67	73.50	**41.88**
2000-01	39.34	15.95	80.08	54.11	37.37	10.89	42.93	16.68	31.75	56.21	22.28	27.04	27.16	24.02	21.73	28.50	32.77	84.42	32.30	44.73	54.25	61.28	**40.33**
2001-02	39.39	21.91	65.67	53.86	29.85	18.90	40.35	14.55	105.96	53.23	22.85	32.40	20.85	19.69	23.79	–	31.26	63.96	23.08	38.25	29.97	79.34	**38.40**
2002-03	40.44	22.93	69.39	80.15	44.64	11.70	36.91	16.61	118.73	55.55	24.72	31.40	23.85	18.94	27.01	–	28.51	54.69	26.01	51.28	57.33	105.48	**40.44**
2003-04	39.80	19.70	78.93	82.55	48.56	10.89	36.44	15.12	157.35	60.52	27.50	32.67	27.79	19.88	23.15	–	33.60	57.20	36.87	59.49	65.17	114.22	**42.81**
2004-05	43.18	24.58	78.64	90.72	36.29	15.40	34.80	14.34	154.69	61.08	28.53	32.84	31.13	27.62	27.48	–	35.34	62.15	29.02	60.50	35.18	120.07	**45.23**
2005-06	42.32	21.32	83.88	61.54	38.64	12.88	37.00	22.85	230.77	59.27	33.08	41.04	35.36	31.31	27.55	–	39.66	82.67	52.22	64.35	43.81	139.20	**47.98**
2006-07	43.87	22.74	94.67	78.09	59.38	15.80	38.30	21.86	341.76	58.65	29.56	39.31	47.05	38.12	28.88	59.00	50.93	140.41	56.58	85.91	52.84	187.45	**53.23**
2007-08	42.28	14.70	102.35	64.30	62.88	14.90	38.91	23.57	440.65	61.78	29.71	42.76	42.50	37.59	31.71	–	52.87	117.63	61.02	74.20	58.29	188.62	**54.39**
2008-09	50.73	17.31	108.38	66.84	45.60	11.59	39.16	29.97	427.46	65.92	36.44	59.38	55.13	41.64	32.81	21.31	51.67	286.47	75.61	88.32	150.84	183.68	**60.43**
2009-10	51.27	22.66	115.39	75.77	74.94	12.62	38.66	21.97	308.71	66.24	45.63	55.20	46.41	30.27	33.53	37.24	46.56	116.19	55.40	73.39	212.50	148.48	**58.97**
2010-11	38.36	16.86	81.70	43.94	42.83	17.38	34.32	14.78	117.40	58.64	32.49	43.97	37.45	26.50	34.94	17.20	44.52	236.00	47.87	51.05	160.76	130.65	**47.99**
2011-12	37.66	15.62	81.74	44.34	54.50	13.01	27.85	20.40	80.53	58.58	32.45	46.37	47.54	30.63	34.45	34.17	45.01	265.00	54.46	84.42	210.80	131.91	**49.51**

Note: Please refer Table 1 for description of the industry.

Table C8: Number of Workers Per Factory Unit: Haryana

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	46.32	25.44	49.51	91.08	103.50	6.87	42.23	77.56	3.00	31.80	53.69	40.34	31.20	26.17	59.81	42.69	81.47	55.00	67.95	87.30	1176.57	100.00	**74.79**
1999-00	53.08	18.08	44.60	80.31	141.35	5.25	42.02	99.65	14.29	27.99	45.76	40.92	26.01	23.65	66.59	75.50	82.82	95.96	49.65	100.46	115.68	54.74	**50.68**
2000-01	56.48	27.08	47.17	110.27	88.29	7.02	57.44	73.40	8.63	26.12	32.03	45.45	22.98	18.22	49.21	95.67	69.71	63.61	57.38	113.10	171.00	33.07	**49.67**
2001-02	53.24	20.41	44.49	125.93	94.10	8.36	51.40	62.19	11.77	29.28	26.03	42.85	29.01	20.09	51.39	75.89	71.93	88.79	66.62	73.13	116.02	34.67	**47.86**
2002-03	57.25	18.38	42.48	133.82	137.51	9.37	66.07	61.30	15.27	22.31	37.68	40.87	26.62	22.53	45.48	108.00	80.07	79.96	76.66	89.45	135.75	33.43	**51.56**
2003-04	54.45	23.13	57.20	170.02	93.67	9.76	54.35	63.95	13.67	29.84	30.38	36.71	33.18	22.80	46.61	66.63	72.30	65.78	75.41	111.66	181.14	92.12	**56.14**
2004-05	57.74	19.35	56.26	201.11	90.25	8.54	49.83	58.55	10.43	32.04	40.50	33.06	30.30	31.13	57.44	73.71	67.81	50.04	89.15	130.40	218.38	64.14	**62.94**
2005-06	60.13	24.64	63.52	265.63	95.08	9.56	50.01	57.21	7.00	30.54	47.08	34.71	40.37	29.67	56.47	59.00	90.25	44.47	102.08	124.61	239.85	73.04	**72.18**
2006-07	60.66	22.68	68.83	211.85	81.85	14.21	37.88	56.96	13.25	32.92	35.70	37.93	43.87	39.72	60.65	51.50	126.97	47.39	116.52	147.47	318.80	67.22	**77.13**
2007-08	63.23	23.16	84.77	244.46	108.30	12.13	53.00	47.14	8.63	36.89	37.78	28.71	68.85	31.05	65.20	75.89	92.60	73.79	124.27	270.73	395.00	80.59	**87.52**
2008-09	74.68	23.44	62.89	202.52	138.20	13.15	62.41	64.44	4.50	45.06	79.70	29.09	51.13	33.90	73.35	98.07	96.73	51.86	28.21	193.76	339.80	101.40	**86.23**
2009-10	66.40	15.50	63.89	247.87	169.30	12.48	63.99	71.16	6.33	62.26	45.04	31.03	43.52	43.01	73.22	93.77	90.57	1540.40	23.89	199.54	480.20	138.36	**101.74**
2010-11	52.84	14.76	47.58	138.32	114.19	12.06	38.25	59.39	7.88	34.83	31.45	22.35	40.02	32.29	76.39	66.63	78.34	165.00	14.98	188.13	348.04	124.64	**72.45**
2011-12	42.02	20.12	48.20	140.44	125.86	9.11	35.16	55.70	7.80	32.65	40.93	21.48	60.36	31.19	75.66	26.92	88.62	140.19	38.48	196.44	409.49	100.94	**72.08**

Note: Please refer Table 1 for description of the industry.

Table C9: Number of Workers Per Factory Unit: Himachal Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	37.45	48.44	274.70	36.00	60.67	6.10	59.09	9.58	–	15.44	18.80	133.35	34.00	58.89	47.61	27.13	17.17	109.00	59.71	35.15	–	–	**60.04**
1999-00	37.99	61.13	265.86	–	62.00	10.50	46.33	10.00	–	13.85	20.91	209.04	21.82	32.58	35.57	8.50	20.85	64.72	70.93	80.67	–	–	**61.87**
2000-01	35.27	69.20	309.82	–	51.33	4.14	46.87	11.00	–	29.57	13.20	76.81	21.15	57.75	31.56	10.00	20.55	73.05	90.27	44.00	–	10.33	**59.28**
2001-02	33.95	41.91	266.30	–	51.83	4.00	51.84	29.40	–	24.07	12.11	90.42	19.73	52.19	39.57	22.11	21.09	54.65	82.15	17.41	–	8.67	**53.26**
2002-03	31.09	50.40	261.19	53.20	49.14	5.57	54.47	8.40	–	25.85	15.30	69.63	16.84	27.48	30.43	21.29	18.40	114.17	82.00	37.30	–	14.00	**50.25**
2003-04	29.64	61.22	239.54	107.20	43.88	4.29	44.45	9.31	–	26.37	12.23	87.81	16.79	44.62	46.15	31.00	21.42	95.08	81.79	21.10	–	18.00	**52.58**
2004-05	27.77	63.40	281.57	70.14	57.33	4.86	31.08	12.00	–	36.57	10.82	82.30	19.00	60.71	42.42	32.00	34.36	67.52	59.95	35.38	27.67	14.71	**52.14**
2005-06	37.60	66.30	218.70	58.75	60.36	6.63	32.78	40.77	–	48.46	21.56	69.14	30.59	40.64	46.53	37.06	39.36	51.43	58.40	37.46	–	13.80	**53.74**
2006-07	33.78	52.11	235.68	–	67.50	3.43	35.72	46.29	–	56.92	36.71	106.52	40.56	34.87	68.80	36.10	52.31	48.45	62.61	46.76	19.20	15.00	**62.40**
2007-08	59.86	43.67	210.44	124.57	55.73	7.13	31.66	36.68	–	67.47	40.67	84.80	36.90	30.82	52.60	30.00	53.73	46.94	37.97	62.48	66.43	44.36	**62.57**
2008-09	50.20	68.67	211.27	146.80	134.91	11.59	36.71	48.00	–	64.19	30.58	109.86	51.06	49.12	69.84	62.76	63.72	25.91	43.29	63.53	76.59	150.89	**65.52**
2009-10	48.38	51.33	240.53	50.00	72.53	28.55	38.90	23.00	27.00	67.46	25.60	75.56	51.76	49.18	55.98	51.31	64.19	194.20	45.95	66.08	42.92	47.74	**64.89**
2010-11	53.49	22.44	179.80	91.75	46.73	52.24	36.40	31.26	–	69.44	22.61	77.88	43.92	28.78	52.04	43.72	47.41	22.11	28.11	56.91	30.70	50.84	**54.49**
2011-12	55.89	34.25	170.73	113.13	66.64	58.80	33.14	17.06	35.00	56.24	22.60	47.79	29.36	36.01	40.28	30.40	37.77	29.98	49.00	45.72	53.19	32.24	**47.03**

Note: Please refer Table 1 for description of the industry.

Table C10: Number of Workers Per Factory Unit: Jammu and Kashmir

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	42.91	11.67	173.82	–	8.20	19.31	44.29	7.40	–	27.07	25.82	67.78	47.57	40.60	39.50	–	14.33	42.40	–	–	–	67.86	**54.48**
1999-00	39.41	9.33	156.17	–	5.20	31.71	47.63	5.00	42.57	36.80	34.00	64.20	57.14	15.19	56.50	–	13.13	–	–	–	–	39.84	**51.68**
2000-01	33.60	4.67	195.09	–	10.00	41.93	47.38	7.80	55.50	16.50	21.38	61.00	56.71	16.35	36.38	–	12.89	41.20	–	–	–	80.06	**51.17**
2001-02	36.26	0.00	222.69	–	10.67	36.63	37.50	7.00	74.67	34.21	19.89	69.60	72.66	23.20	45.15	–	21.89	49.25	–	–	–	99.76	**57.03**
2002-03	40.01	0.00	230.92	–	37.33	33.25	29.88	6.20	72.17	32.18	20.32	75.61	70.42	17.64	39.44	–	18.81	45.25	229.33	–	–	89.07	**57.60**
2003-04	39.38	–	257.33	–	52.33	38.73	27.38	6.20	66.60	29.77	17.29	77.53	86.97	21.52	46.26	–	21.19	37.75	221.33	–	–	91.13	**65.11**
2004-05	39.34	–	226.12	50.67	9.67	38.94	68.09	4.83	50.67	57.58	26.74	73.68	69.92	34.76	41.00	–	29.08	125.50	–	30.00	–	55.44	**58.46**
2005-06	44.67	–	250.38	69.25	–	35.88	51.62	11.13	53.17	62.76	58.45	70.06	86.21	26.82	37.08	–	28.00	107.50	–	44.67	–	48.52	**63.05**
2006-07	42.26	–	268.24	62.60	18.33	51.95	52.67	15.25	34.44	63.02	24.00	68.89	73.01	40.07	42.19	30.00	24.03	40.00	–	40.75	–	94.17	**60.84**
2007-08	38.68	–	340.40	60.60	–	57.05	55.16	10.90	22.22	70.23	30.91	59.86	81.81	38.60	32.34	132.67	29.74	45.75	–	29.00	–	91.61	**62.40**
2008-09	57.76	–	267.92	57.17	27.00	22.45	146.52	8.42	213.25	74.12	23.25	50.13	74.00	53.18	58.40	139.50	29.86	83.25	–	–	27.08	110.64	**69.84**
2009-10	41.95	–	267.86	85.25	32.67	28.00	63.96	12.31	47.83	85.63	92.37	57.22	56.69	69.47	59.50	28.75	30.39	52.00	–	–	25.78	115.78	**70.86**
2010-11	28.44	–	279.69	85.75	34.17	23.38	63.80	9.46	4.00	69.79	60.58	53.80	83.85	27.10	51.00	73.60	19.25	–	–	–	15.91	65.68	**56.02**
2011-12	38.62	–	266.17	87.00	–	18.15	34.73	11.00	–	113.45	62.63	86.80	53.81	18.16	41.36	174.67	22.94	10.64	–	30.33	16.68	50.81	**62.82**

Note: Please refer Table 1 for description of the industry.

Table C11: Number of Workers Per Factory Unit: Jharkhand

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	16.63	117.89	278.50	–	23.57	4.47	4.92	8.50	70.78	76.05	36.10	53.18	447.98	28.83	119.04	–	164.79	–	–	113.81	32.57	–	**110.65**
1999-00	12.45	109.61	150.00	–	–	3.76	6.80	21.14	66.82	90.78	26.79	40.81	667.59	34.76	102.22	–	143.54	–	–	126.87	41.50	2.25	**117.50**
2000-01	20.55	145.43	126.14	–	–	4.42	7.83	11.44	54.59	69.64	21.98	44.59	414.41	21.35	105.81	–	93.91	–	–	92.50	37.60	2.25	**94.51**
2001-02	16.03	144.43	123.78	–	–	7.35	6.00	12.14	56.39	72.70	21.25	45.75	345.20	18.54	77.41	–	57.40	–	45.00	101.49	29.50	4.00	**89.63**
2002-03	17.71	239.62	90.38	–	–	3.50	5.44	20.56	44.95	54.43	18.71	42.91	343.49	16.99	97.53	–	46.11	46.67	–	102.24	26.25	7.40	**89.79**
2003-04	14.36	140.94	80.00	–	–	5.07	9.63	22.90	49.24	38.46	16.47	35.38	320.21	22.70	74.70	–	21.75	39.00	–	120.11	36.00	10.57	**79.79**
2004-05	12.81	123.52	76.67	–	–	4.91	7.86	21.77	54.71	39.52	17.07	39.17	281.14	29.30	72.61	–	21.38	–	32.67	101.30	42.14	12.17	**76.20**
2005-06	17.90	74.39	105.83	–	–	4.03	8.25	24.05	54.56	41.65	14.66	27.93	279.16	25.65	76.80	–	20.63	–	–	126.57	30.14	11.71	**74.06**
2006-07	16.31	75.84	167.20	–	–	4.97	5.86	21.36	52.74	26.24	23.00	34.07	295.02	24.53	85.23	–	21.13	–	–	81.37	25.38	13.00	**74.55**
2007-08	20.39	62.73	109.00	–	–	4.50	6.00	17.36	41.62	44.90	19.14	40.20	282.92	38.67	59.45	–	16.64	–	–	90.41	31.00	13.20	**76.75**
2008-09	12.13	76.29	129.00	–	–	8.16	7.57	26.61	44.79	38.31	36.44	35.21	247.33	29.79	104.66	44.88	38.18	–	–	108.56	–	3.00	**69.77**
2009-10	16.80	41.24	43.20	4.00	–	8.88	6.33	33.67	33.88	23.12	21.71	25.54	181.60	26.58	114.44	251.33	63.64	–	17.40	94.53	16.25	409.00	**53.83**
2010-11	14.75	50.70	64.11	–	–	8.59	4.83	11.56	38.70	33.73	18.27	22.49	152.33	27.82	166.11	92.50	53.15	–	–	109.64	11.11	3.00	**52.36**
2011-12	17.37	101.45	117.00	–	1.67	5.74	3.77	44.00	31.97	45.39	28.46	23.09	145.96	24.13	128.56	91.33	26.26	–	–	160.38	21.89	4.94	**53.37**

Note: Please refer Table 1 for description of the industry.

Table C12: Number of Workers Per Factory Unit: Karnataka

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	38.51	66.26	71.68	177.21	42.34	9.87	72.69	48.62	31.45	46.92	37.34	42.64	55.46	30.55	40.42	16.75	62.36	74.80	48.89	73.41	82.47	24.51	**57.77**
1999-00	48.35	53.50	82.88	154.10	48.78	15.24	51.15	22.97	73.65	40.69	32.21	41.54	56.10	33.01	32.77	29.73	39.90	51.22	53.78	94.83	45.89	21.05	**54.82**
2000-01	40.89	59.89	102.97	169.93	54.97	12.15	53.83	32.53	41.81	41.99	33.38	40.83	46.98	25.95	25.67	33.44	38.59	58.38	47.61	82.81	37.60	28.11	**53.47**
2001-02	44.70	66.07	84.97	167.16	53.57	8.87	55.67	32.86	42.85	41.14	30.48	43.03	67.73	20.87	28.68	34.82	42.18	51.02	49.69	85.42	37.66	38.34	**54.60**
2002-03	44.14	74.94	73.36	176.14	46.94	12.55	54.06	29.76	53.90	39.42	34.59	40.74	59.35	20.02	33.77	25.35	40.23	58.53	51.78	73.44	46.08	29.53	**55.42**
2003-04	41.44	69.67	80.23	214.99	43.47	11.54	60.74	25.45	46.55	37.19	39.02	36.03	48.83	22.21	34.59	22.64	42.72	62.04	42.57	87.38	50.43	39.51	**57.90**
2004-05	42.10	57.00	73.55	231.34	63.54	11.92	52.34	25.69	46.13	38.59	31.72	43.27	59.28	22.60	31.61	43.45	45.34	58.33	44.49	85.78	58.08	39.54	**59.35**
2005-06	44.76	74.19	94.03	289.73	43.88	19.54	54.90	29.69	42.25	46.55	32.47	37.46	57.18	32.46	35.98	111.09	49.14	53.59	45.07	84.11	77.14	50.18	**67.12**
2006-07	44.61	63.92	96.42	339.26	61.04	18.02	52.71	32.96	40.76	54.99	38.15	41.54	73.62	40.19	40.87	70.33	58.25	64.83	47.66	84.10	64.41	45.23	**74.13**
2007-08	41.89	52.68	86.12	330.68	41.75	18.63	55.68	38.99	51.46	38.98	30.80	40.98	63.59	37.44	34.91	59.18	64.15	116.30	86.71	85.33	80.24	63.56	**70.83**
2008-09	45.89	54.00	89.06	373.58	61.17	14.33	53.41	34.63	65.72	51.13	38.64	43.49	74.31	32.10	52.27	43.01	59.61	109.83	56.28	65.32	101.41	66.10	**74.36**
2009-10	50.50	54.66	86.69	415.39	54.30	24.60	52.70	35.20	62.94	42.52	50.34	31.80	65.81	39.93	39.78	57.81	54.53	76.39	48.69	96.11	76.09	56.36	**72.46**
2010-11	41.87	46.88	55.66	277.28	65.13	16.08	41.72	29.14	66.91	41.15	45.14	36.12	57.18	28.42	42.86	37.45	45.74	62.34	51.67	103.63	96.05	40.81	**59.97**
2011-12	41.75	71.95	45.25	335.32	56.20	13.33	45.47	27.83	78.44	48.97	41.43	31.26	74.80	25.55	46.12	41.53	44.31	30.33	38.52	88.28	98.52	34.36	**64.96**

Note: Please refer Table 1 for description of the industry.

Table C13: Number of Workers Per Factory Unit: Kerala

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	128.48	48.61	63.63	78.90	27.33	9.90	65.65	22.11	120.54	62.64	34.48	18.05	48.60	20.51	24.29	82.00	43.24	70.56	109.64	11.00	160.60	13.82	**50.22**
1999-00	141.24	47.37	69.18	55.40	11.76	11.15	69.28	30.04	463.85	63.16	30.94	16.38	40.38	17.10	21.66	112.33	43.55	93.06	68.81	10.14	130.69	23.32	**54.21**
2000-01	142.59	50.08	73.57	71.85	10.42	9.59	54.52	38.28	185.85	64.94	30.02	16.21	57.93	15.49	26.73	133.00	40.72	103.77	61.27	9.56	233.14	16.43	**55.22**
2001-02	134.74	268.08	63.43	63.61	14.20	9.09	47.56	28.05	157.21	53.65	30.58	13.87	52.33	13.53	22.31	--	42.26	89.98	89.82	8.11	205.86	12.15	**54.75**
2002-03	112.53	218.00	51.56	71.42	15.27	10.87	42.78	27.56	111.32	56.11	27.03	15.40	46.37	14.60	22.26	101.67	43.35	102.38	47.17	7.40	202.57	10.54	**49.38**
2003-04	141.94	34.12	50.43	113.83	11.72	10.60	32.52	31.46	173.00	52.56	29.02	13.81	55.09	15.79	20.27	74.75	43.19	96.15	40.61	8.62	185.47	15.03	**50.73**
2004-05	133.52	33.81	52.21	124.48	7.92	9.03	33.78	31.67	174.44	49.48	29.22	15.25	53.54	17.14	28.08	101.33	40.40	140.90	44.79	8.29	195.00	17.75	**51.01**
2005-06	132.39	45.19	46.70	144.27	13.15	11.17	38.22	25.70	186.86	54.53	27.83	13.77	64.03	18.60	21.86	60.67	37.56	119.93	39.31	7.00	241.86	13.81	**52.50**
2006-07	123.79	55.89	40.58	152.52	15.53	10.15	38.88	27.39	156.31	53.55	29.47	16.00	74.32	24.73	22.21	63.83	40.41	138.38	29.92	17.55	304.20	12.11	**54.72**
2007-08	131.39	55.51	41.41	205.42	17.53	11.03	28.40	31.50	187.25	52.72	30.33	14.04	58.05	32.77	24.85	80.50	43.56	91.23	44.77	12.53	140.23	9.19	**56.61**
2008-09	130.06	52.83	56.04	161.93	28.63	15.54	37.66	16.04	189.95	39.28	39.05	15.33	87.12	15.01	47.06	137.95	46.11	58.25	42.75	13.67	368.92	17.35	**58.36**
2009-10	123.78	53.14	44.10	286.13	27.09	12.21	38.42	22.00	313.70	41.83	35.02	15.62	45.43	21.69	45.17	161.55	40.46	88.13	75.00	12.52	216.39	18.01	**55.08**
2010-11	110.65	43.27	52.07	252.79	32.28	8.51	34.07	17.40	264.53	35.22	31.09	16.60	44.27	17.89	29.35	144.49	43.78	--	45.31	24.93	277.80	18.12	**49.16**
2011-12	118.26	41.42	45.38	113.23	19.23	9.32	32.58	28.13	159.59	36.51	29.21	14.41	35.11	22.95	62.19	78.75	60.54	243.67	120.40	13.05	209.06	15.92	**49.33**

Note: Please refer Table 1 for description of the industry.

Table C14: Number of Workers Per Factory Unit: Madhya Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	34.90	54.07	392.11	88.25	23.97	16.48	55.44	25.74	32.58	41.42	65.57	46.64	33.51	27.22	33.38	--	87.79	136.00	52.58	63.45	70.60	43.29	**70.17**
1999-00	38.32	39.26	197.20	61.20	27.59	27.00	69.11	15.12	31.33	68.66	59.94	41.63	62.93	36.45	40.71	--	87.87	213.36	56.00	71.64	135.90	47.72	**62.93**
2000-01	34.77	69.32	199.81	59.20	27.72	23.16	74.48	16.49	23.36	66.69	49.52	47.26	51.09	43.13	28.60	--	76.92	192.18	43.00	57.54	167.56	56.95	**61.74**
2001-02	33.95	32.95	169.36	64.15	37.80	18.03	92.26	20.91	18.22	47.32	52.13	53.16	55.07	32.79	27.54	--	72.20	185.50	31.60	66.46	150.22	50.44	**54.55**
2002-03	37.54	31.14	166.90	70.18	31.54	14.97	40.77	19.68	27.13	53.11	63.28	53.31	35.61	32.51	30.65	--	89.41	178.25	30.87	86.36	110.93	72.65	**54.86**
2003-04	41.72	33.99	179.49	67.50	36.41	23.70	58.98	16.80	30.05	53.98	61.03	49.77	43.20	34.53	29.55	--	78.89	198.55	32.50	90.91	108.83	50.54	**56.12**
2004-05	42.74	38.99	158.85	73.27	36.00	22.94	44.22	20.22	35.17	48.87	61.86	54.73	53.44	38.97	32.45	--	87.94	258.91	37.29	105.63	165.65	41.10	**58.08**
2005-06	35.55	46.72	187.11	118.80	40.88	17.53	46.42	25.32	31.90	59.86	76.51	55.83	51.47	41.93	35.91	--	96.03	278.11	37.69	85.00	77.77	51.72	**59.63**
2006-07	46.06	30.89	182.19	148.35	41.98	15.95	45.91	25.78	35.91	53.32	81.04	62.69	57.82	57.84	35.17	37.00	94.24	78.60	60.06	90.92	87.50	49.88	**61.55**
2007-08	48.64	29.32	182.83	141.00	40.47	24.37	66.97	27.28	31.23	62.22	83.95	69.09	58.50	56.68	37.11	37.33	99.80	52.40	42.15	94.40	156.00	66.44	**65.75**
2008-09	46.57	31.94	160.43	83.04	48.91	19.39	41.48	24.62	36.07	55.65	81.04	79.66	68.58	52.21	46.58	--	99.12	95.86	45.50	84.03	148.13	33.80	**64.15**
2009-10	41.69	42.55	164.38	177.15	59.88	33.30	35.96	74.35	41.20	45.73	107.68	58.95	93.55	44.04	50.35	--	88.14	66.00	24.09	106.26	68.81	51.33	**63.50**
2010-11	36.99	35.14	181.60	113.24	31.27	26.47	35.80	28.20	52.32	52.61	90.36	67.57	71.06	43.04	39.84	18.33	93.15	109.60	38.40	115.82	111.54	40.79	**61.83**
2011-12	44.30	28.56	156.85	42.88	40.18	29.52	43.30	50.30	24.98	55.80	83.69	41.92	61.28	43.55	48.04	27.91	93.36	11.00	86.86	139.34	97.52	50.77	**60.20**

Note: Please refer Table 1 for description of the industry.

Table C15: Number of Workers Per Factory Unit: Maharashtra

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	45.51	352.32	92.50	14.90	15.29	10.31	29.33	15.97	87.30	48.19	25.18	23.21	46.04	24.72	35.87	23.04	34.43	53.23	22.49	61.21	59.18	44.56	**42.96**
1999-00	48.60	292.52	93.35	27.35	26.22	15.00	34.97	18.58	51.17	45.47	30.63	26.86	49.59	27.84	36.03	55.03	32.26	59.43	33.21	62.64	85.75	51.41	**45.59**
2000-01	59.01	555.31	89.93	21.16	14.68	15.76	29.88	18.44	78.57	45.73	25.12	27.82	44.10	24.90	32.71	91.11	31.70	57.31	26.71	55.69	85.68	52.29	**45.15**
2001-02	56.36	934.09	84.42	22.58	14.77	14.73	29.61	23.13	66.75	46.52	27.84	25.64	41.35	22.29	34.73	118.97	28.35	43.49	26.36	57.23	67.11	45.04	**46.79**
2002-03	55.90	866.68	85.11	20.54	13.07	16.99	24.44	18.93	59.60	45.71	27.51	31.13	44.42	26.84	33.00	61.54	37.03	54.19	31.30	55.76	78.14	52.21	**48.28**
2003-04	52.09	556.42	80.33	21.94	20.66	15.20	25.17	17.16	64.88	45.13	30.45	28.91	49.38	24.81	33.26	66.66	35.18	60.95	28.33	66.04	82.92	48.30	**45.40**
2004-05	44.36	491.11	71.83	26.43	23.54	13.52	24.96	18.97	56.37	42.51	32.38	28.52	56.77	25.72	34.53	92.17	36.61	62.11	28.06	76.28	92.23	44.96	**44.20**
2005-06	51.53	425.08	80.91	29.91	25.53	13.23	24.10	20.71	57.56	45.40	32.00	31.23	62.87	29.13	34.87	74.29	42.58	71.58	28.76	87.02	111.58	49.21	**48.37**
2006-07	57.23	482.71	82.11	36.13	22.38	24.40	30.48	25.73	73.42	46.31	35.39	33.88	78.12	34.08	40.20	106.79	47.81	80.46	37.51	105.88	216.49	59.01	**55.59**
2007-08	56.60	413.62	77.94	28.73	26.96	20.16	30.48	24.24	49.97	45.16	32.48	31.93	74.23	34.75	49.04	96.24	49.75	74.41	28.54	103.78	103.21	66.88	**53.45**
2008-09	54.38	350.49	78.08	36.68	33.61	17.59	29.15	23.13	56.93	45.73	43.16	34.06	78.21	32.55	46.27	58.19	42.31	102.23	27.44	93.56	122.88	49.78	**51.99**
2009-10	57.84	311.89	81.50	46.22	44.39	25.09	26.84	27.23	48.57	51.77	48.03	29.95	80.12	37.45	43.16	84.20	50.36	191.72	43.88	103.85	119.49	52.25	**56.32**
2010-11	49.10	276.69	60.21	31.91	24.70	14.59	22.45	18.14	38.69	38.67	31.85	25.18	59.58	33.89	44.71	59.82	39.74	99.84	28.16	98.43	97.16	38.67	**44.72**
2011-12	50.44	293.41	59.42	26.03	22.79	21.42	25.01	21.07	46.71	46.90	36.10	29.94	73.31	35.08	45.64	61.49	43.33	124.19	22.52	106.73	105.46	36.47	**48.10**

Note: Please refer Table 1 for description of the industry.

Table C16: Number of Workers Per Factory Unit: Odisha

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	32.75	31.71	136.54	25.50	--	5.25	295.44	29.13	31.20	57.93	87.56	53.42	269.41	51.24	47.57	--	23.98	89.00	--	6.80	--	23.95	**64.33**
1999-00	27.62	183.43	112.55	17.67	--	5.69	245.44	26.36	24.50	83.87	51.00	42.76	269.47	33.71	37.65	--	17.02	20.25	46.33	30.78	--	20.38	**64.39**
2000-01	31.57	27.18	166.78	--	--	5.77	228.37	20.25	14.68	79.83	63.00	41.33	238.24	19.26	36.49	--	17.00	16.33	--	25.00	--	30.22	**61.04**
2001-02	32.81	27.86	94.08	--	--	8.59	163.70	18.08	25.88	58.22	80.40	36.01	202.98	19.43	28.37	--	20.36	--	--	19.00	--	9.93	**53.77**
2002-03	36.70	90.07	74.15	30.67	--	7.92	202.60	19.08	22.96	71.72	77.62	33.58	217.11	16.86	38.26	--	18.34	30.75	--	14.86	--	13.66	**56.99**
2003-04	33.98	107.07	81.07	24.00	--	5.93	175.71	19.64	33.12	68.34	67.52	37.23	214.04	24.85	37.87	--	18.41	30.67	--	16.00	--	29.40	**60.14**
2004-05	28.41	385.45	60.39	23.67	--	8.55	106.31	21.38	102.80	61.20	64.51	43.23	231.95	25.19	34.00	--	15.34	68.67	--	10.33	--	15.04	**68.76**
2005-06	31.09	125.97	76.97	--	--	7.05	157.53	18.31	36.00	56.71	67.15	38.77	216.94	25.61	37.26	--	14.19	--	--	13.20	--	20.58	**61.07**
2006-07	29.13	137.66	75.58	--	--	7.90	191.38	19.08	29.26	74.30	64.47	43.13	219.49	19.37	52.23	--	24.69	--	--	15.20	--	22.59	**67.60**
2007-08	27.07	139.48	71.63	--	--	7.97	176.75	18.25	36.63	96.26	85.46	52.23	267.94	33.32	58.77	--	25.48	--	--	11.17	--	28.64	**82.17**
2008-09	27.99	138.49	61.39	--	--	10.58	180.68	31.63	87.15	91.83	81.19	48.16	321.91	30.71	29.67	--	30.93	--	--	16.00	--	24.72	**93.76**
2009-10	33.79	81.70	68.72	--	--	11.75	160.44	39.25	36.78	77.41	68.21	53.56	330.83	16.35	23.68	--	35.28	--	--	18.00	--	28.31	**94.38**
2010-11	28.73	124.76	91.22	--	--	7.26	124.63	33.40	50.86	65.64	69.37	39.51	359.67	35.73	28.52	--	32.49	--	--	22.80	--	22.31	**92.29**
2011-12	22.47	124.78	57.61	14.00	--	9.02	98.93	54.00	128.25	79.91	66.13	34.36	346.26	24.42	43.08	--	39.48	--	--	25.91	--	23.00	**85.30**

Note: Please refer Table 1 for description of the industry.

Table C17: Number of Workers Per Factory Unit: Punjab

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	45.18	6.67	47.21	243.88	23.09	10.00	36.78	8.92	6.00	44.47	69.79	15.83	29.10	17.96	17.96	--	41.43	252.36	32.16	48.50	41.30	22.95	**37.05**
1999-00	46.32	--	51.94	24.61	22.70	7.52	35.04	13.45	26.55	58.30	78.20	18.39	42.21	19.31	16.29	--	37.01	151.54	47.59	60.28	42.51	57.79	**39.21**
2000-01	45.52	--	59.94	22.33	25.94	8.75	39.57	39.35	10.45	59.11	78.04	22.24	30.92	17.36	19.65	--	47.45	133.54	23.70	62.54	50.45	25.58	**39.84**
2001-02	50.19	--	58.11	99.11	25.18	11.88	30.69	22.88	10.31	46.55	51.51	23.33	31.63	16.55	17.98	74.00	26.82	91.09	26.50	65.86	39.80	37.79	**38.19**
2002-03	50.22	--	58.43	315.00	18.17	9.55	85.05	22.87	8.08	52.28	71.69	25.60	29.98	17.67	18.58	--	36.68	108.81	35.41	51.17	48.55	37.41	**40.56**
2003-04	44.58	--	63.52	99.19	18.40	9.84	43.54	20.39	17.71	47.12	66.44	26.10	28.85	20.49	18.50	--	46.65	88.76	32.21	48.18	54.60	41.99	**39.22**
2004-05	47.42	--	71.96	81.27	21.79	10.01	47.83	17.05	12.82	49.19	57.08	38.77	31.92	20.69	23.66	--	38.50	72.05	26.53	49.48	42.36	40.49	**41.42**
2005-06	40.91	--	68.26	72.24	22.19	11.63	37.95	20.27	11.79	46.07	66.66	39.43	40.14	26.16	25.05	--	51.36	75.23	39.42	71.51	48.06	45.97	**42.49**
2006-07	39.26	--	91.81	78.90	26.88	8.45	37.18	18.98	10.31	52.04	54.05	36.13	33.13	29.92	31.16	--	39.09	109.23	94.62	57.83	61.01	63.73	**43.64**
2007-08	40.25	--	83.30	101.89	32.46	8.30	38.62	24.26	13.54	50.91	58.71	34.95	43.22	32.28	24.28	--	73.46	77.68	94.92	69.82	38.53	34.02	**43.32**
2008-09	36.03	--	90.14	64.92	19.97	9.18	40.67	12.14	9.00	61.60	52.88	39.31	34.09	34.32	24.03	39.40	42.04	84.83	94.14	61.57	50.67	38.47	**43.49**
2009-10	34.99	--	107.65	61.78	36.57	9.52	38.00	24.95	28.25	62.45	75.86	41.45	35.89	30.36	27.00	310.33	30.48	94.60	131.25	68.93	47.71	48.86	**44.76**
2010-11	31.87	--	85.08	59.35	16.38	8.36	30.10	18.72	9.94	36.91	47.63	33.58	36.27	27.80	24.70	31.93	36.50	89.88	104.50	65.75	37.84	42.11	**38.39**
2011-12	26.02	--	99.67	48.67	25.01	9.86	30.67	21.00	10.86	43.65	47.94	37.68	27.42	26.39	30.05	47.12	38.21	54.73	131.80	53.53	44.50	49.21	**38.75**

Note: Please refer Table 1 for description of the industry.

Table C18: Number of Workers Per Factory Unit: Rajasthan

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	32.78	69.25	51.56	30.61	23.88	7.76	17.30	19.09	56.69	35.53	44.82	22.44	39.83	39.80	40.21	42.75	40.37	126.76	36.49	34.73	140.00	70.38	**37.35**
1999-00	27.79	96.33	53.75	48.82	39.94	9.69	15.88	24.32	33.57	35.14	31.11	23.13	33.36	24.06	37.81	36.00	21.72	99.81	65.92	47.49	36.00	50.80	**35.82**
2000-01	24.34	120.00	52.32	33.82	39.68	8.59	18.43	21.81	29.17	45.57	31.86	21.39	35.28	22.83	42.53	34.00	28.38	102.40	61.40	25.00	147.00	49.80	**35.34**
2001-02	28.81	90.76	50.49	39.31	61.28	6.51	20.37	15.56	22.53	30.30	28.92	23.01	37.87	29.56	35.94	30.67	23.48	116.44	53.14	52.10	93.00	39.85	**34.56**
2002-03	29.80	100.48	52.41	31.86	58.53	13.43	14.43	19.33	14.36	39.79	32.57	26.03	31.25	20.69	40.70	36.67	28.07	105.58	56.00	57.24	35.97	55.83	**36.06**
2003-04	27.51	101.03	53.59	28.99	63.93	10.32	16.72	20.17	34.81	35.87	29.44	27.64	31.07	26.74	31.50	37.67	20.64	122.06	57.35	46.54	38.73	59.10	**36.22**
2004-05	30.08	116.26	53.47	53.03	56.26	11.03	16.31	14.04	36.13	46.41	32.16	24.99	28.22	29.69	30.82	37.00	19.08	121.89	76.11	59.02	45.11	58.54	**36.84**
2005-06	30.53	57.18	53.53	90.20	57.13	18.48	23.15	25.91	39.50	43.66	28.68	26.47	34.66	24.81	31.99	40.67	34.93	93.00	77.65	107.80	55.30	52.51	**38.68**
2006-07	33.48	51.02	59.49	93.16	72.34	15.00	18.07	15.43	16.92	40.82	27.50	27.31	47.30	22.86	36.76	--	41.22	103.86	96.72	96.06	51.88	46.19	**40.52**
2007-08	39.09	59.51	65.06	190.37	77.35	19.45	26.47	20.31	11.50	43.40	36.36	27.51	42.81	32.09	41.42	--	48.55	93.75	69.04	109.89	66.04	51.10	**44.76**
2008-09	36.68	76.04	67.52	113.78	82.97	42.10	21.56	20.79	64.00	50.78	26.47	28.46	47.95	41.02	39.04	39.00	51.39	66.40	141.13	112.58	25.28	42.41	**44.21**
2009-10	43.39	44.94	69.57	84.70	84.74	29.20	22.65	22.86	48.11	48.31	29.04	29.90	42.64	43.88	43.23	76.71	56.31	342.80	118.25	104.25	33.42	49.67	**45.80**
2010-11	39.52	30.95	58.90	75.56	77.45	30.83	11.21	28.72	24.14	43.51	27.17	28.59	40.18	54.80	39.65	69.18	58.75	323.90	108.93	99.85	49.35	42.51	**41.86**
2011-12	40.77	42.22	56.61	73.75	86.55	22.89	22.80	28.09	9.71	50.84	37.68	29.50	35.01	52.78	44.88	47.64	45.60	140.31	98.38	165.20	119.00	40.83	**42.99**

Note: Please refer Table 1 for description of the industry. .

Table C19: Number of Workers Per Factory Unit: Tamil Nadu

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	35.19	23.20	53.13	96.70	48.21	13.53	37.10	16.17	114.32	64.48	25.27	35.91	53.56	42.25	32.37	42.55	36.60	48.25	67.51	82.70	48.28	51.44	**46.38**
1999-00	30.58	18.26	53.15	99.45	50.19	9.83	38.26	23.71	108.00	63.56	32.45	27.69	36.44	32.00	33.36	25.56	26.12	34.91	75.74	81.97	75.41	43.49	**45.47**
2000-01	30.09	16.04	51.89	111.06	56.58	8.86	35.54	20.41	60.05	61.39	29.20	34.19	37.51	37.29	37.51	5.89	41.72	35.98	77.56	86.01	58.41	46.57	**46.56**
2001-02	32.24	26.69	58.61	109.84	64.11	13.21	36.33	22.33	62.53	60.74	28.19	38.64	37.35	35.66	41.04	22.23	44.64	45.19	56.00	85.03	79.19	74.53	**49.33**
2002-03	33.14	24.54	57.40	100.23	54.51	11.26	40.32	22.77	67.50	60.49	28.77	37.97	56.33	35.80	37.54	40.10	48.05	52.18	50.71	85.84	70.54	70.82	**49.04**
2003-04	31.51	14.65	56.57	124.08	55.08	15.69	35.81	22.83	56.83	57.17	32.05	35.88	50.09	34.00	35.94	45.33	35.95	69.38	48.92	95.66	71.48	56.97	**48.79**
2004-05	31.31	25.54	60.03	126.34	63.56	15.25	34.05	21.46	41.17	62.41	35.94	39.07	52.01	39.67	34.95	79.94	50.35	68.79	47.86	101.85	82.38	57.35	**51.71**
2005-06	31.93	24.21	65.00	130.37	63.56	18.39	37.29	27.27	42.53	54.33	37.93	37.14	65.05	44.91	40.64	60.17	49.68	53.55	55.26	114.48	105.92	67.15	**54.58**
2006-07	34.84	22.08	74.05	117.10	70.51	13.09	39.13	22.38	36.50	60.04	38.62	46.11	75.39	41.25	55.29	117.33	47.21	49.57	63.20	116.21	66.05	75.22	**59.29**
2007-08	32.66	23.49	83.22	125.66	80.39	14.01	105.11	21.98	41.31	61.85	38.18	41.76	86.02	51.73	67.79	172.67	41.22	53.77	74.57	111.24	89.71	104.75	**63.51**
2008-09	33.64	20.66	65.45	95.05	95.35	14.96	33.51	22.79	38.59	55.84	45.25	44.40	47.06	55.97	49.39	92.55	43.14	163.41	46.94	128.93	99.80	57.66	**58.16**
2009-10	36.36	20.11	61.81	90.56	75.98	14.86	37.47	27.03	98.86	54.95	53.55	37.94	63.16	50.33	60.13	138.09	45.40	335.38	64.46	133.31	102.03	76.17	**59.75**
2010-11	26.37	12.84	41.40	61.01	61.20	15.92	25.49	20.76	100.74	41.54	34.82	27.04	46.19	52.32	38.62	104.90	54.44	162.95	54.84	127.39	60.96	52.92	**44.84**
2011-12	29.64	16.09	38.51	62.60	61.27	13.53	24.05	20.95	74.49	43.11	39.08	27.44	50.74	38.42	43.28	72.67	58.38	177.15	63.94	127.64	89.04	62.05	**44.57**

Note: Please refer Table 1 for description of the industry.

Table C20: Number of Workers Per Factory Unit: Uttar Pradesh

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	64.69	22.58	94.42	49.54	58.34	9.66	28.49	41.54	28.23	37.59	34.85	25.20	37.35	22.75	33.59	55.57	49.73	85.42	47.35	100.54	51.73	29.54	**45.84**
1999-00	60.93	24.27	66.08	46.06	57.72	14.62	29.83	20.61	18.37	43.04	34.39	29.08	42.63	17.07	29.95	55.18	43.13	58.07	43.20	68.82	56.96	52.27	**43.86**
2000-01	60.93	24.76	60.08	60.94	82.11	13.67	26.44	25.71	12.17	38.32	20.30	33.15	29.48	38.19	25.50	32.38	52.79	84.83	48.73	76.13	66.69	51.26	**44.17**
2001-02	62.19	21.45	66.53	49.27	82.42	18.17	26.86	33.16	11.26	37.53	22.22	32.51	41.61	40.53	25.41	134.18	34.56	103.93	43.67	68.81	68.96	37.94	**44.66**
2002-03	69.49	21.43	68.79	59.04	88.02	15.33	24.71	34.52	15.71	35.67	27.48	30.30	38.35	57.85	23.19	189.00	39.54	102.19	55.65	82.84	70.21	40.60	**48.46**
2003-04	71.22	25.23	73.93	77.29	96.39	17.38	34.85	35.14	24.06	35.41	23.04	32.97	39.89	54.01	24.32	196.67	38.79	91.23	58.74	90.84	65.63	32.93	**50.82**
2004-05	69.15	31.01	54.92	83.54	99.56	18.60	32.71	34.27	22.84	36.20	23.72	36.27	44.16	56.95	24.05	348.83	40.16	100.59	57.32	69.96	59.79	34.05	**50.59**
2005-06	69.68	25.87	46.16	83.32	115.99	16.93	26.67	37.38	13.24	41.35	24.97	36.62	43.41	53.10	25.62	302.80	44.47	123.36	53.92	87.02	56.72	32.01	**50.97**
2006-07	73.93	24.39	55.20	86.31	119.14	23.69	24.47	40.17	20.01	41.87	25.87	41.22	42.26	60.02	27.41	489.00	49.34	91.73	45.66	93.13	66.14	33.63	**52.95**
2007-08	80.45	19.58	47.19	126.36	110.78	26.22	27.98	49.41	76.43	41.29	29.72	41.00	47.26	75.20	28.91	453.92	51.05	143.99	49.78	140.57	91.16	34.16	**58.90**
2008-09	71.65	20.67	54.77	116.42	131.07	16.89	33.09	32.39	99.57	38.38	26.68	42.10	43.83	61.42	34.75	221.46	40.62	88.23	23.04	170.25	48.39	41.58	**56.49**
2009-10	78.19	28.33	46.79	139.04	123.49	17.55	28.37	35.91	93.27	38.64	30.53	41.22	27.78	56.92	33.90	275.71	64.30	114.99	33.50	123.14	70.25	39.40	**57.73**
2010-11	56.25	44.22	38.11	95.77	112.57	16.24	25.88	39.94	62.55	35.04	29.02	36.04	31.62	42.38	30.51	154.13	53.28	86.51	65.65	97.83	51.26	41.34	**48.73**
2011-12	59.12	92.06	35.34	94.03	100.87	13.58	28.70	52.84	15.42	40.89	31.03	38.95	32.50	49.63	33.64	128.91	44.13	85.74	34.94	124.69	56.45	33.87	**51.13**

Note: Please refer Table 1 for description of the industry.

Table C21: Number of Workers Per Factory Unit: Uttarakhand

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	35.64	--	344.25	29.55	7.27	--	99.12	--	--	18.00	37.42	85.33	9.27	27.41	--	--	57.29	245.00	69.64	6.09	9.00	15.83	**53.49**
1999-00	28.52	--	96.73	--	9.38	16.25	175.59	44.64	--	23.66	28.96	105.83	6.94	1.00	19.50	--	74.24	38.06	231.75	--	--	23.67	**44.86**
2000-01	23.70	--	74.92	32.33	--	11.90	108.56	26.44	--	21.23	42.80	36.42	50.25	33.93	257.63	--	52.22	45.64	78.20	--	12.50	19.14	**40.06**
2001-02	23.85	--	72.45	32.33	7.00	22.60	108.76	33.25	--	26.33	44.50	38.13	43.03	30.37	240.94	--	48.09	50.58	69.43	--	12.00	18.67	**40.25**
2002-03	28.51	--	20.67	33.00	6.67	18.54	108.26	38.88	--	27.57	43.27	35.45	36.66	29.88	231.19	--	47.08	52.27	57.60	15.25	--	21.64	**40.39**
2003-04	29.94	--	31.88	21.60	--	18.50	114.71	48.67	--	30.29	45.33	33.47	32.60	35.38	231.56	--	46.10	64.63	55.85	13.25	--	18.73	**42.04**
2004-05	33.22	--	32.00	151.20	21.00	21.08	114.21	27.50	--	36.59	45.77	36.61	46.93	51.18	184.46	--	57.20	58.88	49.47	33.33	--	23.67	**47.90**
2005-06	38.38	--	48.61	57.00	99.25	24.38	112.22	52.78	--	78.99	52.62	78.31	29.26	87.52	159.65	--	84.20	46.70	57.76	41.67	27.33	33.90	**62.08**
2006-07	40.89	--	78.18	53.09	86.73	34.45	93.04	43.58	19.00	75.50	44.18	47.33	30.18	151.31	123.42	--	89.48	69.67	36.88	20.63	36.36	24.29	**63.55**
2007-08	45.02	--	91.86	41.78	107.89	72.63	84.61	30.35	28.67	72.82	29.47	64.15	50.01	96.23	151.53	16.17	76.55	103.28	55.10	68.31	125.50	31.33	**67.40**
2008-09	58.39	39.88	235.95	62.44	124.54	66.57	68.83	42.07	--	74.77	64.35	71.28	53.68	73.91	555.01	82.15	103.66	66.10	91.30	82.39	105.02	77.90	**93.25**
2009-10	54.53	--	145.74	47.93	145.84	47.48	86.58	49.30	210.33	86.76	67.47	52.24	50.35	80.08	151.33	67.62	86.90	89.98	91.84	127.80	130.39	56.93	**81.99**
2010-11	55.95	--	151.37	119.57	91.58	78.65	72.67	69.39	8.70	78.11	78.40	51.67	50.26	60.85	118.46	59.64	112.03	85.98	96.85	149.91	250.00	57.06	**87.05**
2011-12	60.91	--	142.49	72.00	111.02	57.41	74.60	47.62	--	88.11	81.69	67.77	47.71	91.88	184.74	125.32	93.90	95.52	146.78	175.57	305.48	93.71	**97.64**

Note: Please refer Table 1 for description of the industry.

Table C22: Number of Workers Per Factory Unit: West Bengal

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	44.74	43.44	658.56	59.89	32.44	20.62	46.33	24.68	84.26	49.54	24.97	49.13	136.77	28.36	123.67	--	54.37	207.29	101.60	143.34	177.99	29.02	**98.03**
1999-00	44.72	27.44	546.03	45.00	38.81	16.32	50.03	26.71	71.31	51.75	26.00	61.80	98.09	25.71	30.02	47.75	41.73	94.86	55.13	113.30	140.08	20.96	**74.84**
2000-01	38.61	24.90	607.21	33.44	30.46	16.65	49.88	26.70	60.36	49.13	23.99	57.96	116.70	24.30	24.97	37.33	47.28	61.00	60.49	135.04	130.93	17.81	**77.46**
2001-02	39.67	33.14	558.57	42.63	34.30	22.68	32.10	23.60	59.68	47.08	24.08	52.69	113.69	25.20	23.39	26.71	39.77	65.19	49.59	112.15	116.57	14.47	**72.14**
2002-03	39.49	26.27	559.79	41.47	37.27	22.53	44.45	22.76	68.92	48.32	20.56	61.73	114.21	23.99	23.26	23.83	38.23	74.52	46.08	138.79	99.43	22.45	**73.02**
2003-04	41.54	33.86	528.70	52.49	33.87	17.44	37.02	30.56	70.71	38.10	21.33	60.90	104.88	25.33	23.24	23.33	35.10	65.82	39.41	103.61	100.90	25.18	**71.70**
2004-05	43.63	22.98	585.90	31.47	39.80	18.19	39.61	21.60	54.09	40.23	22.65	55.63	97.66	25.82	22.21	19.17	36.72	62.00	32.53	107.69	107.09	21.49	**71.21**
2005-06	45.49	35.51	568.52	31.08	42.99	17.37	34.48	24.67	68.85	39.53	24.63	53.08	106.64	29.53	23.87	16.50	34.01	60.41	39.25	24.60	95.89	30.49	**71.99**
2006-07	44.58	26.39	499.91	71.45	33.55	17.79	35.18	35.70	75.47	40.37	20.56	45.52	118.77	45.10	27.70	37.00	35.26	109.79	39.83	22.73	106.29	20.56	**71.29**
2007-08	40.07	26.94	575.36	48.00	29.69	31.90	36.99	25.74	62.26	39.89	22.52	47.29	128.20	26.83	22.10	52.50	39.19	63.06	35.36	128.97	113.29	26.98	**74.30**
2008-09	45.23	45.68	584.75	109.97	46.59	36.69	40.13	26.94	136.86	48.91	23.90	52.59	118.65	31.20	25.26	39.43	37.09	42.21	70.71	98.04	102.35	22.53	**76.11**
2009-10	43.75	25.76	464.46	95.78	54.19	30.19	39.18	21.37	67.56	39.42	25.90	54.07	121.25	35.34	33.26	187.29	49.12	118.21	65.10	60.60	118.86	26.13	**71.76**
2010-11	40.46	21.55	376.79	65.79	40.53	26.54	34.66	32.19	99.92	35.35	19.45	52.09	113.78	47.49	29.20	154.17	43.05	55.12	61.62	49.16	94.56	36.59	**65.16**
2011-12	40.82	16.19	349.02	55.66	63.62	27.29	38.47	24.53	76.66	35.76	27.37	45.20	115.27	43.41	24.02	140.14	44.48	56.25	59.68	76.62	108.88	93.96	**66.50**

Note: Please refer Table 1 for description of the industry.

Table C23: Number of Workers Per Factory Unit: Other States/UTs

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	26.43	20.80	59.20	135.90	120.05	31.23	25.04	36.39	80.75	38.32	20.66	38.90	25.36	21.54	33.09	24.24	18.60	33.42	25.85	41.30	50.11	31.41	**31.85**
1999-00	30.43	28.00	64.66	167.00	84.12	30.50	24.61	33.52	58.67	38.77	23.32	37.77	25.93	19.73	27.76	44.25	29.62	43.03	23.50	42.13	42.38	35.30	**33.67**
2000-01	28.50	26.14	60.28	152.87	55.66	28.00	26.40	20.71	43.83	34.42	24.84	39.98	24.35	20.19	26.64	20.15	25.56	56.76	21.82	70.78	52.85	31.11	**32.39**
2001-02	25.70	23.23	61.57	58.60	45.76	15.88	17.19	21.28	29.48	35.01	32.39	50.62	28.65	25.66	34.98	22.53	27.17	48.22	27.11	36.84	58.04	39.30	**34.36**
2002-03	28.05	23.58	71.39	49.25	64.83	17.20	20.82	23.76	63.33	43.42	27.03	56.69	26.19	32.56	41.52	27.59	39.26	48.13	23.58	34.47	69.63	50.49	**38.10**
2003-04	24.82	26.25	69.31	114.48	62.56	15.00	23.39	27.27	29.27	40.72	27.90	55.76	31.29	18.86	42.47	60.66	36.83	47.04	28.08	45.00	56.65	57.98	**37.61**
2004-05	25.74	31.07	61.18	83.89	74.36	16.36	26.09	20.61	15.59	39.19	28.96	59.89	31.54	17.16	37.01	35.36	44.02	43.61	31.18	58.80	60.48	50.00	**36.86**
2005-06	25.58	31.25	74.54	109.83	67.80	23.01	24.81	23.51	24.80	40.45	29.16	68.15	35.70	23.55	40.31	38.44	61.76	49.63	40.07	35.29	59.00	69.23	**42.07**
2006-07	31.35	33.19	76.72	210.76	59.28	33.25	32.64	21.91	36.50	53.69	37.11	73.93	38.48	32.71	42.78	61.24	50.73	60.04	40.25	57.76	58.56	68.91	**48.71**
2007-08	33.34	27.80	103.62	223.44	58.70	23.74	36.56	24.37	39.65	50.13	34.75	77.18	42.53	30.33	47.43	60.09	84.26	74.90	45.63	80.21	56.52	58.09	**51.77**
2008-09	33.97	42.26	103.33	254.45	70.58	21.92	29.62	22.18	30.77	42.66	37.15	78.15	41.56	35.78	52.98	62.03	83.24	98.55	70.82	65.22	41.63	89.61	**53.36**
2009-10	31.07	39.91	118.54	341.00	82.07	27.01	39.32	30.88	54.55	58.93	43.31	81.07	43.29	35.51	52.57	107.47	113.49	92.09	34.21	97.30	22.14	89.52	**62.85**
2010-11	31.91	33.77	96.12	256.18	27.15	20.73	35.06	19.15	30.61	55.18	32.48	78.89	42.35	27.55	46.19	78.42	66.17	36.56	44.56	72.75	20.09	84.39	**51.31**
2011-12	35.25	44.41	108.65	254.80	44.44	24.44	27.46	16.78	20.98	38.52	30.63	80.68	42.73	32.20	41.20	65.20	63.05	38.00	46.07	111.53	24.71	95.80	**50.19**

Note: Please refer Table 1 for description of the industry.

Table C24: Number of Workers Per Factory Unit: All India

Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	Mfg. Sect.
1998-99	42.93	183.55	84.03	76.22	41.48	11.44	40.41	23.86	64.26	49.18	30.12	29.04	65.31	24.89	37.04	30.06	44.14	74.42	43.52	72.27	106.95	40.88	**49.88**
1999-00	43.49	170.04	79.60	73.93	45.02	11.95	41.32	22.81	63.86	53.39	30.62	30.40	67.81	25.64	31.82	47.65	40.36	56.43	46.60	72.56	66.33	45.68	**49.06**
2000-01	42.51	168.73	80.74	83.80	48.21	11.60	40.80	23.31	51.60	50.95	27.60	29.74	59.63	26.58	29.60	51.31	40.89	61.62	42.29	69.57	71.30	42.59	**48.23**
2001-02	42.96	187.08	79.99	83.06	52.19	12.47	38.98	24.02	58.38	48.19	28.36	31.80	59.41	24.80	30.19	63.68	37.18	58.15	41.14	66.42	59.90	43.09	**47.86**
2002-03	42.36	181.40	78.41	86.35	50.22	12.78	39.07	25.26	54.88	49.25	28.91	43.29	60.53	26.55	30.22	60.38	40.59	62.94	42.46	68.27	70.25	51.71	**49.68**
2003-04	42.17	147.92	78.77	102.72	50.72	12.53	38.23	23.51	60.27	48.64	30.08	30.53	61.37	26.44	29.72	67.35	38.99	65.09	42.36	77.31	77.48	52.15	**48.75**
2004-05	41.64	140.66	79.54	114.12	55.30	12.45	36.72	22.50	60.96	49.86	31.66	31.96	64.02	29.95	31.77	75.70	43.02	68.99	42.07	82.50	71.81	51.34	**49.93**
2005-06	42.47	133.91	82.55	128.50	60.12	14.09	36.98	25.88	63.51	51.02	33.08	33.72	67.52	34.00	33.17	81.92	49.11	75.84	48.84	89.96	82.16	57.28	**52.59**
2006-07	44.37	130.61	87.57	134.83	61.95	15.20	38.97	26.44	71.73	53.62	33.92	36.25	75.70	38.63	37.83	97.07	53.33	76.45	52.57	97.00	109.43	65.27	**56.24**
2007-08	44.95	125.08	96.61	144.83	70.60	16.38	50.96	27.12	82.04	54.67	33.71	34.85	80.72	41.09	39.93	104.21	57.20	94.53	57.85	110.28	86.62	68.85	**58.02**
2008-09	45.11	131.10	89.28	118.07	83.08	16.75	39.41	26.11	95.01	55.48	39.82	38.40	80.41	40.65	45.68	73.01	52.81	80.05	50.36	107.40	94.29	61.07	**58.63**
2009-10	46.10	127.96	88.27	121.04	77.52	16.97	39.32	28.72	81.88	57.78	45.01	37.14	78.15	40.08	42.78	95.16	60.42	203.88	50.57	114.63	98.70	64.71	**59.73**
2010-11	36.24	112.56	66.52	80.73	61.82	15.02	32.08	23.18	59.79	47.44	33.81	32.34	68.28	35.25	38.89	67.59	52.30	82.96	44.69	108.81	84.73	52.93	**48.35**
2011-12	37.76	123.22	65.76	86.45	64.65	14.14	30.94	26.08	50.33	51.28	34.88	31.60	70.68	33.45	41.39	65.09	50.75	83.76	45.59	117.24	95.87	55.39	**49.58**

Note: Please refer Table 1 for description of the industry.

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410, Gemstar Commercial Complex, Ramchandra Lane Ext, Kachpada,
Off Link Road, Malad (W), Mumbai 400 064,
India