

2. Review of Results

2.1 Introduction

2.1.1 The main findings of the survey, which covers the registered manufacturing sectors of the entire country, are highlighted in the following sections including the present one. These results, both in aggregates and in percentage terms, are presented at macro level and are based on the central sample data collected by the FOD, NSSO and processed by the CSO (IS Wing). Some of the important structural ratios and technical coefficients, wherever relevant, have also been computed and incorporated in some of the statements presented in these sections. The discussions of the results are mainly based on the all-India results.

2.1.2 Another important point may also be noted here that the rates and ratios of some parameters presented in this report at the disaggregate level, particularly for the smaller states and UTs cross classified by 2-digit level of activity classification, are subject to the limitation of small sample and thus, the user may cautiously interpret the changes of these parameters over time. In order to facilitate better understanding of the estimates of these rates and ratios, the number of factories available in the frame, number of factories selected for the survey and number of factories surveyed for ASI 2008-09 are given in Statement 0 separately for each state and all-India.

2.2 Principal Aggregates – All India

2.2.1 Statement 1 presents the estimates for principal characteristics for all industries taken together at all-India level for 2008-09 with comparative estimates for the preceding four years.

2.2.2 The statement shows that in the year 2008-09, there have been 1,55,321 factories registered with the Chief Inspector of Factories (CIF) in all States and Union Territories except the States of Arunachal Pradesh, Mizoram and Sikkim and Union Territory of Lakshadweep. These factories include those which were, at the time of survey, found to be either (i) opened and operated, or (ii) existed in the given location and had engaged some employees during the reference period, but could not initiate production or did not produce anything during the reference period due to various reasons, and can take up production any moment once the problems are sorted out, or (iii) existed in the given location, but did not engage any employee during the reference period, and also, did not initiate production or produce anything during the reference period. The number of factories in 2008-09 is found to be higher by 6.10 percent than that of last year. These factories together have a total stock of fixed capital worth Rs. 10,55,96,614 Lakhs and invested capital of Rs. 15,35,17,773 Lakhs. These are higher by 24.95 and 19.92 percent, respectively compared to those estimated as per ASI 2007-08. These factories have provided gainful employment to 1,13,27,485 persons showing an increase of 8.37 percent with respect to the preceding year and distributed Rs. 1,29,44,123 Lakhs as emoluments to employees, showing an increase of 22.76 percent in one year. These factories have consumed inputs both industrial and non-industrial in nature, worth Rs. 26,61,48,638 Lakhs, produced Rs.

32,72,79,786 Lakhs, worth of goods and services valued at ex-factory prices and contributed by the way of net value added by organized manufacturing sector Rs. 5,27,76,558 Lakhs to the national income. These are found to be higher by 19.73, 17.91 and 9.59 percent, respectively compared to those estimated as per previous ASI.

2.3 Structural Ratios and Technical Coefficients

2.3.1 A few structural ratios and technical coefficients derived from the macro level estimates of principal characteristics for the current and the preceding four years have been given in Statement 2. It may be noted that the measuring changes in ratios over time are subject to certain limitations. Some of these ratios - particularly value based characteristics - are not strictly comparable over time due to the changes in prices of commodities from year to year. Two new structural ratios viz. output per worker and net value added per worker and a new technical coefficient viz. fuel consumed to output, perceived as an indicator of energy efficiency of an industry has been newly introduced in Statement 2.

2.3.2 Statement 2 reveals that the average size of the factory, measured in terms of value based characteristics, namely, fixed capital, gross output and net value added by manufacture have maintained a steady upward trend over years. As stated in the preceding paragraph, the increase in the value-based characteristics may be the combined result of the increase in physical output as well as increase in prices. The survey results revealed that in 2008-09, a factory with an average investment of Rs. 680 Lakhs in fixed capital have provided gainful employment to 73 persons, produced goods and services at ex-factory prices worth Rs. 2,107 Lakhs and contributed by way of net value added by manufacture Rs. 340 Lakhs to the national income. However, taking an employee as a unit of measurement, the survey revealed that an employee in the organized manufacturing sector during 2008-09 has, on an average, worked with a fixed capital stock of Rs. 9,32,216, gave an output of Rs. 28,89,254 and contributed to the national income by way of net value added by manufacture Rs. 4,65,916. The corresponding averages in the preceding year are, respectively, Rs. 8,08,453, Rs. 26,55,537 and Rs. 4,58,282. The average emoluments drawn by an employee was Rs. 1,14,272 during 2008-09 and average wages given to a worker was Rs. 68,103 during the same period.

2.3.3 The capital output ratio which provides a measure of the capital required to produce one unit of net output (i.e. net value added) has increased to 2.0 in 2008-09 from 1.76 in 2007-08. The capital required to produce one unit of gross output has also increased from 0.30 in 2007-08 to 0.32 in 2008-09. The level of efficiency, measured by the ratio of the net value added to gross output has been 0.16 in 2008-09 against 0.17 as observed in 2007-08. The share of labour in net value added, measured by the ratio of emoluments to the net value added has increased from 0.22 in 2007-08 to 0.25 in 2008-09. Fuel consumed to produce one unit of output has remained same (0.05) over the period of five years at least at the macro level.

Figure 1: Number of workers and total persons engaged during 2004-05 to 2008-09

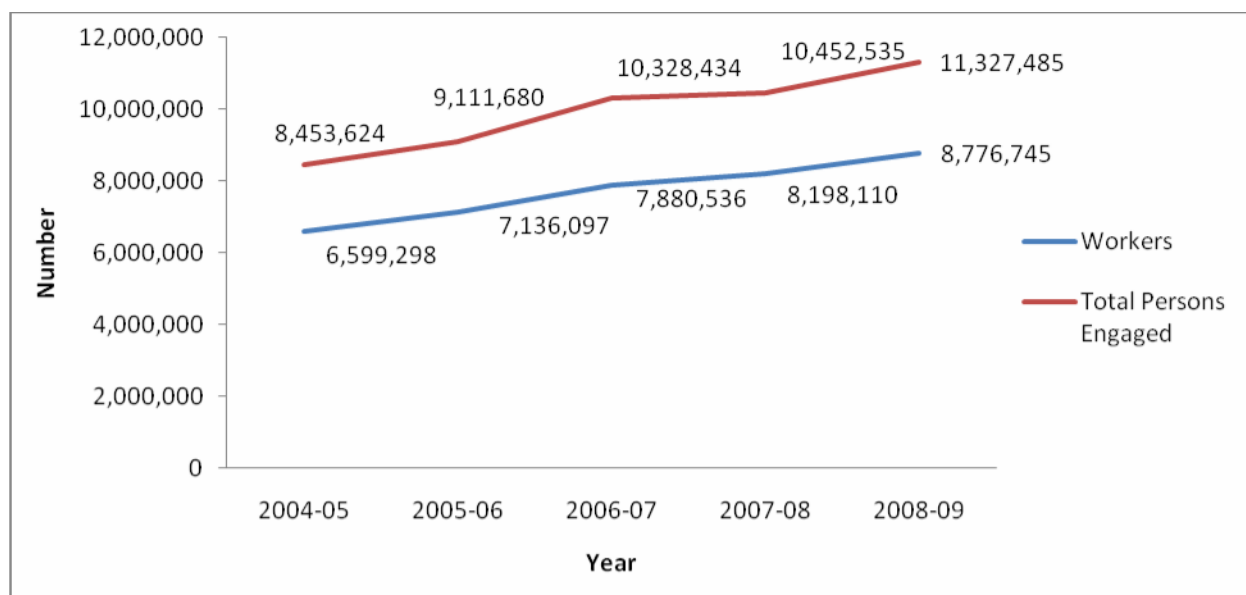


Figure 1 is showing the number of workers and total persons engaged during 2004-05 to 2008-09. The above figure is showing an upward trend of both workers and total persons engaged. However, the total persons engaged are slightly steeper than the workers. It implies that the number of auxiliary employees, managerial staff, etc. that are not directly linked with the production, is increasing over time in comparison to the employment directly linked to the production process.

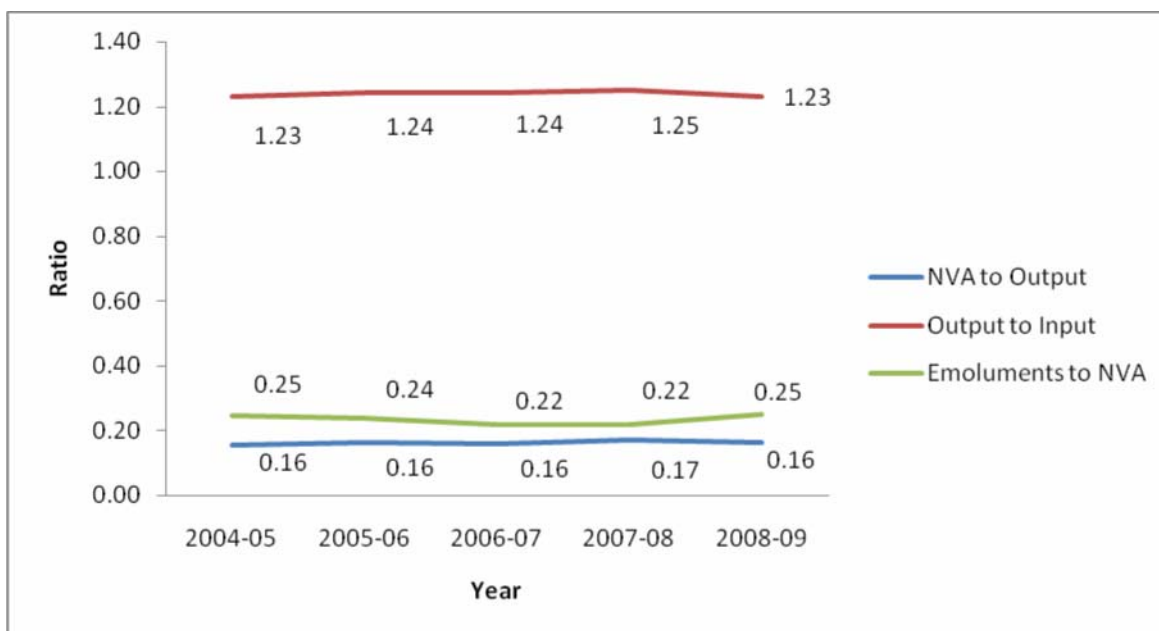
Figure 2: Technical coefficients during 2004-05 to 2008-09

Figure 2 presents some technical coefficients during 2004-05 to 2008-09. Here, the technical coefficients are estimated on the basis of NVA to output, output to input and emoluments to NVA. From the above figure, it is found that output to input ratio that indicates the industrial efficiency has remained static over past few years. The other two coefficients viz. NVA to output and emoluments to NVA have also remained stable over the last five years.

Statement 0: Number of factories in the frame, selected for survey and actually surveyed in ASI 2008-09

State/UT	No. of factories		
	In frame	selected	surveyed
Jammu & Kashmir	784	392	387
Himachal Pradesh	1852	883	746
Punjab	13228	2935	2790
Chandigarh	339	184	184
Uttarakhand	2066	874	844
Haryana	6123	2191	2184
Delhi	4096	1316	1284
Rajasthan	7679	1858	1839
Uttar Pradesh	13733	3839	3694
Bihar	2273	598	585
Nagaland	110	110	104
Manipur	90	90	87
Mizoram	412	412	412
Tripura	98	98	97
Assam	2528	867	829
West Bengal	7629	2250	2183
Jharkhand	2270	777	633
Odisha	2358	719	689
Chattisgarh	2316	757	746
Madhya Pradesh	4037	1430	1365
Gujarat	20417	5237	5126
Daman&Diu	1999	639	624
D&N Haveli	1486	525	490
Maharashtra	26181	7417	5791
Andhra Pradesh	24295	5134	5107
Karnataka	10712	3424	3344
Goa	610	386	375
Kerala	6796	2208	1740
Tamilnadu	35360	10252	8095
Puducherry	864	472	464
A&N Islands	26	26	26
All India	202767	58300	52864

Statement 1: Estimate of principal characteristics based on ASI during 2004-05 to 2008-09

Characteristics	Unit	ASI Year					Percentage Growth			
		2004-05	2005-06	2006-07	2007-08	2008-09	2005-06 over 2004-05	2006-07 over 2005-06	2007-08 over 2006-07	2008-09 over 2007-08
Factories	Number	136,353	140,160	144,710	146,385	155,321	2.79	3.25	1.16	6.10
Fixed Capital	Rs Lakhs	51,306,925	60,694,028	71,513,139	84,513,209	105,596,614	18.30	17.83	18.18	24.95
Invested Capital	Rs Lakhs	75,941,770	90,157,861	107,150,382	128,012,553	153,517,773	18.72	18.85	19.47	19.92
Workers	Number	6,599,298	7,136,097	7,880,536	8,198,110	8,776,745	8.13	10.43	4.03	7.06
Total Persons Engaged	Number	8,453,624	9,111,680	10,328,434	10,452,535	11,327,485	7.78	13.35	1.20	8.37
Wages to Worker	Rs Lakhs	3,363,505	3,766,366	4,429,135	5,103,023	5,977,184	11.98	17.60	15.21	17.13
Total Emoluments	Rs Lakhs	6,440,594	7,400,820	8,875,099	10,544,284	12,944,123	14.91	19.92	18.81	22.76
Input	Rs Lakhs	136,294,133	154,365,843	194,836,758	222,295,282	266,148,638	13.26	26.22	14.09	19.73
Output	Rs Lakhs	167,256,142	190,835,548	240,854,764	277,570,904	327,279,786	14.10	26.21	15.24	17.91
GVA	Rs Lakhs	30,962,009	36,469,705	46,018,006	55,275,622	61,131,148	17.79	26.18	20.12	10.59
Depreciation	Rs Lakhs	4,971,324	5,283,286	6,445,480	7,116,354	8,354,590	6.28	22.00	10.41	17.40
NVA	Rs Lakhs	25,990,686	31,186,419	39,572,526	48,159,268	52,776,558	19.99	26.89	21.70	9.59
Rent Paid	Rs Lakhs	453,845	529,948	640,399	750,549	975,778	16.77	20.84	17.20	30.01
Interest Paid	Rs Lakhs	3,245,360	3,339,801	4,131,128	5,148,688	6,868,048	2.91	23.69	24.63	33.39
Income	Rs Lakhs	22,291,481	27,316,670	34,800,999	42,260,031	44,932,732	22.54	27.40	21.43	6.32

Statement 2 : Estimate of structural ratios and technical co-efficients based on ASI during 2004-05 to 2008-09						
ASI Year						
Structural Ratios	Unit	2004-05	2005-06	2006-07	2007-08	2008-09
Fixed Capital per Factory	Rs Lakhs	376	433	494	577	680
Gross Output per Factory	Rs Lakhs	1227	1362	1664	1896	2107
Net Value Added per Factory	Rs Lakhs	191	223	273	327	340
Workers per Factory	Number	48	51	54	56	57
Employee per Factory	Number	62	65	71	71	73
Fixed Capital per Employee	Rupees	606922	666112	692391	808543	932216
Output per Worker	Rupees	2534454	2674229	3056325	3385791	3728943
Output per Employee	Rupees	1978514	2094406	2331958	2655537	2889254
Net Value Added per Worker	Rupees	393840	437023	502155	587444	601323
Net Value Added per Employee	Rupees	307450	342269	383142	458282	465916
Emoluments per Employee	Rupees	76187	81223	85929	100878	114272
Wages per Worker	Rupees	50968	52779	56203	62246	68103
<u>Technical Co-efficients</u>						
Fixed Capital to NVA		1.97	1.95	1.81	1.76	2.00
Fixed Capital to Output		0.31	0.32	0.3	0.3	0.32
NVA to Output		0.16	0.16	0.16	0.17	0.16
Output to Input		1.23	1.24	1.24	1.25	1.23
Fuel Consumed to Output		0.05	0.05	0.05	0.05	0.05
Emoluments to NVA		0.25	0.24	0.22	0.22	0.25

3. PRINCIPAL CHARACTERISTICS BY MAJOR ECONOMIC ACTIVITY

3.1 Principal Aggregates

3.1.1 Statements 3 and 4 give the distribution of some of the selected aggregates in absolute and percentage terms by the main sectors of economic activity (NIC-2008) covered in ASI.

3.1.2 It may be observed that 93.82% of the factories covered in ASI 2008-09 are engaged in manufacturing activities, 0.32% are undertakings engaged in the generation, transmission and distribution of electricity, gas, water supply etc. and remaining 5.85% in 'other' activity including cotton ginning, cleaning and baling, extraction of salt and some repair services etc. Though the electricity undertakings are a few in number, they account for about 5.78% of the total fixed capital of all the factories covered in the survey as against 1.43% share by the 'other' activities. The manufacturing activities account for about 92.79% of the fixed capital. The manufacturing sector, consistent with its large number of factories, accounts for 95.93% of the value of output, which is produced by 96.63% of the total employees. The electricity, gas, water sector contributes about 1.30% to the gross output and is produced by 0.30% of the total employees. The corresponding share of the 'other' activities in the value of output is 2.77% and this is produced by 3.06% of the employees. Of the estimated total net value added by industrial sector of Rs. 5,27,76,558 lakh, Rs. 5,09,60,964 lakh constituting 96.56% originate from manufacturing activities, another Rs.10,54,988 lakh forming 2% from electricity, gas, water supply etc., and the remaining Rs. 7,60,606 lakh making 1.44% come from the 'other' activities.

Statement 3 : Estimate of principal characteristics by major economic activity based on ASI 2008-09					
Characteristics	Unit	Manufacturing	Electricity, Gas, Water Supply	Others	All Activities
Factories	Number	145727	504	9091	155321
Fixed Capital	Rs Lakhs	97986278	6105111	1505224	105596614
Productive Capital	Rs Lakhs	128996029	5418802	2305081	136719912
Invested Capital	Rs Lakhs	144767392	6393845	2356537	153517773
Workers	Number	8511704	24826	240215	8776745
Total Persons Engaged	Number	10946303	34379	346803	11327485
Wages to Workers	Rs Lakhs	5831145	27853	118186	5977184
Total Emoluments	Rs Lakhs	12598219	69691	276213	12944123
Total Input	Rs Lakhs	255026800	2951332	8170505	266148638
Total Output	Rs Lakhs	313951937	4270805	9057044	327279786
Depreciation	Rs Lakhs	7964173	264484	125932	8354590
Net Value Added	Rs Lakhs	50960964	1054988	760606	52776558
Rent Paid	Rs Lakhs	921451	5187	49139	975778
Interest Paid	Rs Lakhs	6507704	194757	165587	6868048
Net Income	Rs Lakhs	43531809	855044	545880	44932732
Profit	Rs Lakhs	28685709	776152	237251	29699112

Statement 4 : Percentage share of various major economic activities separately for each principal characteristic based on ASI 2008-09					
(Percentage Distribution)					
Characteristics	Unit	Manufacturing	Electricity, Gas, Water Supply	Others	All Activities
Factories	Number	93.82	0.32	5.85	100.00
Fixed Capital	Rs Lakhs	92.79	5.78	1.43	100.00
Productive Capital	Rs Lakhs	94.35	3.96	1.69	100.00
Invested Capital	Rs Lakhs	94.30	4.16	1.54	100.00
Workers	Number	96.98	0.28	2.74	100.00
Total Persons Engaged	Number	96.63	0.30	3.06	100.00
Wages to Workers	Rs Lakhs	97.56	0.47	1.98	100.00
Total Emoluments	Rs Lakhs	97.33	0.54	2.13	100.00
Total Input	Rs Lakhs	95.82	1.11	3.07	100.00
Total Output	Rs Lakhs	95.93	1.30	2.77	100.00
Depreciation	Rs Lakhs	95.33	3.17	1.51	100.00
Net Value Added	Rs Lakhs	96.56	2.00	1.44	100.00
Rent Paid	Rs Lakhs	94.43	0.53	5.04	100.00
Interest Paid	Rs Lakhs	94.75	2.84	2.41	100.00
Net Income	Rs Lakhs	96.88	1.90	1.21	100.00
Profit	Rs Lakhs	96.59	2.61	0.80	100.00

4. DISTRIBUTION OF FACTORIES BY SIZE OF EMPLOYMENT

4.1 Principal Characteristics

4.1.1 Statements 5 and 6 present the distribution of factories as well as certain selected characteristics, in absolute and percentage terms, by size class of employment. In 2008-09, the number of factories by size class of employment indicates a skewed distribution in the sense that there are larger number of factories with low employment size and a fewer with higher number of employment size. For example, out of an estimated number of 1,55,321 factories, 1,11,889 factories are found to employ less than 50 employees each. Further, there is a, by and large, heavy concentration of various attributes like fixed capital, total output, net value added etc., among the factories belonging to the higher employment size classes. While the lowest size class has largest concentration of factories (72.04 %), it utilizes only 8.45 % of the fixed capital, provides employment to 17.23 % of the employees, produces 11.63 % of the total output and generates 8 % of national income in the form of net value added by manufacture. On the other hand, the factories each of which employ 200 or more employees, constituting 8.39% of the factories, utilize 77.37% of the fixed capital, provide gainful employment to 57.99% of the employees, produce 69.60 % of the total output and generate 76.35 % of net value added by manufacture. The very large factories employing 5,000 or more employees each, constituting only 0.18% of the number of factories, however, engage 7.92% of employees of industrial sector, utilize 13.01% of the fixed capital, produce 10.45% of the total output and contribute 14.24% to the net value added.

Statement 5 : Distribution of factories and certain selected characteristics by size of employment based on ASI 2008-09							
(Value Figures in Rs. Lakhs & Others in Numbers)							
Employment Range	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
0 --- 49	111889	8926676	13673291	14447598	1408637	1951661	619478
50 --- 99	19145	5916931	9209404	9600721	1021751	1307815	496348
100 -- 199	11261	9062390	12339513	13654874	1184303	1498697	623798
200 -- 499	7765	18783397	25477733	28662600	1637647	2086703	1074653
500 -- 999	2824	16758429	20249582	25185084	1161608	1478542	922090
1000 -1999	1442	16101189	20212438	22233894	886702	1118590	746144
2000--4999	721	16314449	16889626	21222893	816304	987930	705493
5000&Above	274	13733153	18668326	18510109	659793	897547	789181
Total	155321	105596614	136719912	153517773	8776745	11327485	5977184
Employment Range	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent Paid	Interest Paid
0 --- 49	1295251	33017491	38064912	824687	4222734	115480	902674
50 --- 99	1048086	24801041	29269143	585793	3882309	92606	609782
100 -- 199	1389415	27042043	32182417	759515	4380859	142593	785970
200 -- 499	2403924	45533780	56063184	1445018	9084386	197339	1463744
500 -- 999	1975618	39788843	51341898	1290092	10262964	149395	1234404
1000 -1999	1715124	36621743	44273160	1208893	6442524	115402	795830
2000--4999	1531505	33759017	41894561	1148618	6986925	118087	713286
5000&Above	1585200	25584679	34190510	1091974	7513857	44875	362358
Total	12944123	266148638	327279786	8354590	52776558	975778	6868048

Statement 6 : Distribution of factories and certain selected characteristics by size of employment based on ASI 2008-09							
(Percentage Distribution)							
Employment Range	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
0 --- 49	72.04	8.45	10.00	9.41	16.05	17.23	10.36
50 --- 99	12.33	5.60	6.74	6.25	11.64	11.55	8.30
100 -- 199	7.25	8.58	9.03	8.89	13.49	13.23	10.44
200 -- 499	5.00	17.79	18.63	18.67	18.66	18.42	17.98
500 -- 999	1.82	15.87	14.81	16.41	13.24	13.05	15.43
1000 -1999	0.93	15.25	14.78	14.48	10.10	9.88	12.48
2000--4999	0.46	15.45	12.35	13.82	9.30	8.72	11.80
5000&Above	0.18	13.01	13.65	12.06	7.52	7.92	13.20
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Employment Range	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent Paid	Interest Paid
0 --- 49	10.01	12.41	11.63	9.87	8.00	11.83	13.14
50 --- 99	8.10	9.32	8.94	7.01	7.36	9.49	8.88
100 -- 199	10.73	10.16	9.83	9.09	8.30	14.61	11.44
200 -- 499	18.57	17.11	17.13	17.30	17.21	20.22	21.31
500 -- 999	15.26	14.95	15.69	15.44	19.45	15.31	17.97
1000 -1999	13.25	13.76	13.53	14.47	12.21	11.83	11.59
2000--4999	11.83	12.68	12.80	13.75	13.24	12.10	10.39
5000&Above	12.25	9.61	10.45	13.07	14.24	4.60	5.28
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00

5. DISTRIBUTION OF FACTORIES BY SIZE OF CAPITAL

5.1 Principal Characteristics

5.1.1 The Statements 7 and 8 give the distribution of factories together with their shares in certain selected characteristics, obtained from ASI 2008-09, by size of capital, namely, the undepreciated gross value of plant and machinery owned by the factory. The range of capital defined in Statements 7 and 8 is as per the definition of MSME for Manufacturing Sector in Micro, Small and Medium Enterprises Development Act (MSME), 2006. It is revealed from Statement 8 that the factories with an investment in plant and machinery up to Rs. 5 crore account for 90.05% of the total population of registered factories which worked during the reference period of 2008-09. While these factories share 12.78% of fixed capital to work with, they provide employment to 51.56 % of the total employees. Their contribution to the total output and net value added by manufacture are of the order of 25.11 % and 21.17 %, respectively. As against this, the factories with gross investment in plant and machinery of Rs. 10 crores & above, though are a very few (6.70%) in number, account for about 83.47 % of total fixed capital, 41.42% of total employees, 68.61% of the total output and 74.08% of the total net value added by manufacture.

Statement 7 : Distribution of factories and certain selected characteristics by size of capital based on ASI 2008-09 (Value Figures are in Rs. Lakhs and Others are in Number)							
Capital Range (Rs. Lakhs)*	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
Upto 25	110076	6686241	11085735	12871762	3230585	3935139	1278803
25 -- 500	29789	6811682	11660708	12280986	1432394	1905693	786940
500 -- 1000	5056	3953263	5682314	6780804	619016	794827	390510
1000 & above	10400	88145428	108291154	121584220	3494750	4691826	3520931
Total	155321	105596614	136719912	153517773	8776745	11327485	5977184
Capital Range (Rs. Lakhs)*	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent Paid	Interest Paid
Upto 25	2150783	36227273	42603855	728601	5647981	182106	895126
25 -- 500	1821546	33443290	39568759	597161	5528307	164904	843224
500 -- 1000	829059	17707798	20564418	350586	2506034	58092	454045
1000 & above	8142735	178770277	224542754	6678242	39094236	570675	4675652
Total	12944123	266148638	327279786	8354590	52776558	975778	6868048
*In Terms of Gross Value of Plant And Machinery owned							

Statement 8 : Distribution of factories and certain selected characteristics by size of capital based on ASI 2008-09 (Percentage Distribution)							
Capital Range (Rs. Lakhs)*	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
Upto 25	70.87	6.33	8.11	8.38	36.81	34.74	21.39
25 -- 500	19.18	6.45	8.53	8.00	16.32	16.82	13.17
500 -- 1000	3.26	3.74	4.16	4.42	7.05	7.02	6.53
1000 & above	6.70	83.47	79.21	79.20	39.82	41.42	58.91
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Capital Range (Rs. Lakhs)*	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent Paid	Interest Paid
Upto 25	16.62	13.61	13.02	8.72	10.70	18.66	13.03
25 -- 500	14.07	12.57	12.09	7.15	10.47	16.90	12.28
500 -- 1000	6.40	6.65	6.28	4.20	4.75	5.95	6.61
1000 & above	62.91	67.17	68.61	79.94	74.08	58.48	68.08
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00
* In Terms of Gross Value of Plant And Machinery owned							

6. DISTRIBUTION OF FACTORIES BY SIZE OF GROSS OUTPUT

6.1 Principal Characteristics

6.1.1 The distribution of factories along with related characteristics classified by size class of gross output is presented in Statement 9. The percentage distribution of these characteristics is given in Statement 10. It is observed that during the accounting year 2008-09, 40.87% of the factories that produce gross output up to Rs one crore each, share 2.63% of fixed capital, provide an employment in the tune of 10.13%, pay emoluments to the extent of 3.34%, and contribute 0.68% to the total output. About 21.84% of the factories producing more than Rs 10 crores gross output each cover 90.59 % of fixed capital, provide 68.35% of employment and pay 84.18% of emoluments. This group of factories also contributes about 93.07% of gross output.

Statement 9 : Distribution of factories and certain selected characteristics by total output based on ASI 2008-09						
(Value Figures in Rs. Lakhs & Others in Numbers)						
Total Output (Rs. Lakhs)	Factories	Fixed Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
Upto 25	28354	1442990	1588548	251908	321153	70297
25 --- 50	16147	458079	636424	304078	364715	83594
50 -- 100	18981	875282	1198698	370659	460703	132538
100 -- 200	20835	1232158	1882307	445211	566654	187764
200 -- 500	22441	2505068	3831536	745252	938251	338028
500 -- 1000	14651	3418788	5123131	745250	934240	362174
1000 -- 2000	12272	4627125	7259144	897595	1138264	476003
2000 -- 5000	10991	10043297	15203313	1339186	1699852	759694
5000 -- 10000	4864	8999301	13919333	980039	1248236	618428
10000 -- 50000	4689	23431425	36139646	1686391	2276245	1337450
50000 & above	1097	48563101	66735692	1011175	1379174	1611214
Total	155321	105596614	153517773	8776745	11327485	5977184
Total Output (Rs. Lakhs)	Total Emoluments	Total Input	Total Output	Depreciation	Rent Paid	Interest Paid
Upto 25	106376	221554	249416	52598	8382	64030
25 --- 50	119302	410624	584828	44860	6995	22311
50 -- 100	207058	1015262	1389741	72944	11266	59337
100 -- 200	321389	2349350	2964809	125573	20470	135010
200 -- 500	605915	5993915	7232419	244643	37845	266702
500 -- 1000	686577	8572116	10292633	318813	47970	315220
1000 -- 2000	960723	14077396	16629287	432509	68099	494277
2000 -- 5000	1588681	27319309	32162939	856514	125295	987763
5000 -- 10000	1328710	24959743	29733494	739139	118352	814095
10000 -- 50000	3004260	60883190	73919464	1890117	245510	1756510
50000 & above	4015132	120346179	152120755	3576879	285592	1952794
Total	12944123	266148638	327279786	8354590	975778	6868048

Statement 10 : Distribution of factories and certain selected characteristics by total output based on ASI 2008-09						
(Percentage Distribution)						
Total Output (Rs. Lakhs)	Factories	Fixed Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
Upto 25	18.25	1.37	1.03	2.87	2.84	1.18
25 --- 50	10.40	0.43	0.41	3.46	3.22	1.40
50 -- 100	12.22	0.83	0.78	4.22	4.07	2.22
100 -- 200	13.41	1.17	1.23	5.07	5.00	3.14
200 -- 500	14.45	2.37	2.50	8.49	8.28	5.66
500 -- 1000	9.43	3.24	3.34	8.49	8.25	6.06
1000 -- 2000	7.90	4.38	4.73	10.23	10.05	7.96
2000 -- 5000	7.08	9.51	9.90	15.26	15.01	12.71
5000 -- 10000	3.13	8.52	9.07	11.17	11.02	10.35
10000 -- 50000	3.02	22.19	23.54	19.21	20.09	22.38
50000 & above	0.71	45.99	43.47	11.52	12.18	26.96
Total	100.00	100.00	100.00	100.00	100.00	100.00
Total Output (Rs. Lakhs)	Total Emoluments	Total Input	Total Output	Depreciation	Rent Paid	Interest Paid
Upto 25	0.82	0.08	0.08	0.63	0.86	0.93
25 --- 50	0.92	0.15	0.18	0.54	0.72	0.32
50 -- 100	1.60	0.38	0.42	0.87	1.15	0.86
100 -- 200	2.48	0.88	0.91	1.50	2.10	1.97
200 -- 500	4.68	2.25	2.21	2.93	3.88	3.88
500 -- 1000	5.30	3.22	3.14	3.82	4.92	4.59
1000 -- 2000	7.42	5.29	5.08	5.18	6.98	7.20
2000 -- 5000	12.27	10.26	9.83	10.25	12.84	14.38
5000 -- 10000	10.26	9.38	9.09	8.85	12.13	11.85
10000 -- 50000	23.21	22.88	22.59	22.62	25.16	25.58
50000 & above	31.02	45.22	46.48	42.81	29.27	28.43
Total	100.00	100.00	100.00	100.00	100.00	100.00

7. DISTRIBUTION OF FACTORIES BY SIZE OF NET VALUE ADDED

7.1 Principal Characteristics

7.1.1 Statement 11 sets out the distribution of factories along with related characteristics classified by net value added based on ASI 2008-09 results. These characteristics in percentage terms are given in Statement 12. During the accounting year 2008-09, about 14.58 per cent of factories each with less than Rs. 2.5 Lakhs of net value added, shared about 15.66 per cent of fixed capital resources providing gainful employment to 7.57 per cent of employees of the factory sector, sharing 7.47 per cent of the emoluments. These units, though consumed about 10.11 per cent of input, are found to produce 7.57 per cent of total output. On the other hand, about 4.81 per cent of the factories each contributing at least Rs. 10 crores of net value added possess 62.22 per cent of the fixed capital resources. They have 36.66 per cent of employees, taking away 57.04 per cent of the wage bill in terms of emoluments and produced 63.15 per cent of total output consuming 58.64 per cent of inputs.

Statement 11 : Distribution of factories and certain selected characteristics by net value added based on ASI 2008-09						
(Value Figures in Rs. Lakhs & Others in Numbers)						
NVA Range (Rs. Lakhs)	Factories	Fixed Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
Upto 2.5	22641	16540136	22044104	636077	858020	425376
2.5 --- 5	10335	146790	261704	78101	105737	20517
5 ---- 10	18226	386605	723235	200051	261615	60695
10 ---- 20	24999	867918	1547325	444617	556857	141268
20 ---- 50	28276	1957806	3395066	775935	964956	293140
50 ----100	15498	2416076	4139664	647580	814425	302638
100----200	12230	3539891	5754747	784945	983654	398754
200----500	10576	7116452	11238568	1146191	1445267	641542
500----1000	5074	6928486	10606486	940437	1183893	551430
1000---5000	5480	15982881	24961192	1665878	2227061	1213639
5000& above	1985	49713572	68845681	1456932	1926000	1928186
TOTAL	155321	105596614	153517773	8776745	11327485	5977184
NVA Range (Rs. Lakhs)	Total Emoluments	Total Input	Total Output	Depreciation	Rent Paid	Interest Paid
Upto 2.5	966421	26900204	24788340	1228046	97276	1169307
2.5 --- 5	30838	481758	534312	13764	2326	11156
5 ---- 10	94084	1294543	1466674	37581	6254	33733
10 ---- 20	223902	3240121	3693906	91142	12720	96969
20 ---- 50	498972	8631545	9732990	203774	32747	232559
50 ----100	552227	10984270	12302895	237288	37106	317895
100----200	763512	14654017	16695233	350272	50814	421731
200----500	1284363	24209068	27969505	625110	91066	713495
500----1000	1147142	19688246	23416164	567985	73339	639976
1000---5000	2645435	43582899	54250768	1343426	194329	1289478
5000& above	4737226	112481966	152428998	3656204	377802	1941750
TOTAL	12944123	266148638	327279786	8354590	975778	6868048

Statement 12 : Distribution of factories and certain selected characteristics by net value added based on ASI 2008-09

(Percentage Distribution)

NVA Range (Rs. Lakhs)	Factories	Fixed Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
Upto 2.5	14.58	15.66	14.36	7.25	7.57	7.12
2.5 --- 5	6.65	0.14	0.17	0.89	0.93	0.34
5 ---- 10	11.73	0.37	0.47	2.28	2.31	1.02
10 ---- 20	16.10	0.82	1.01	5.07	4.92	2.36
20 ---- 50	18.20	1.85	2.21	8.84	8.52	4.90
50 ----100	9.98	2.29	2.70	7.38	7.19	5.06
100----200	7.87	3.35	3.75	8.94	8.68	6.67
200----500	6.81	6.74	7.32	13.06	12.76	10.73
500----1000	3.27	6.56	6.91	10.72	10.45	9.23
1000---5000	3.53	15.14	16.26	18.98	19.66	20.30
5000& above	1.28	47.08	44.85	16.60	17.00	32.26
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00
NVA Range (Rs. Lakhs)	Total Emoluments	Total Input	Total Output	Depreciation	Rent Paid	Interest Paid
Upto 2.5	7.47	10.11	7.57	14.70	9.97	17.03
2.5 --- 5	0.24	0.18	0.16	0.16	0.24	0.16
5 ---- 10	0.73	0.49	0.45	0.45	0.64	0.49
10 ---- 20	1.73	1.22	1.13	1.09	1.30	1.41
20 ---- 50	3.85	3.24	2.97	2.44	3.36	3.39
50 ----100	4.27	4.13	3.76	2.84	3.80	4.63
100----200	5.90	5.51	5.10	4.19	5.21	6.14
200----500	9.92	9.10	8.55	7.48	9.33	10.39
500----1000	8.86	7.40	7.15	6.80	7.52	9.32
1000---5000	20.44	16.38	16.58	16.08	19.92	18.78
5000& above	36.60	42.26	46.57	43.76	38.72	28.27
TOTAL	100.00	100.00	100.00	100.00	100.00	100.00

8. RELATIVE IMPORTANCE OF INDUSTRIES

8.1 Principal Characteristics

8.1.1 Statement 13 summarizes the relative status of the major industry groups as per NIC-2008. All the major industry groups have been ranked in the descending order of their contribution to the net value added by manufacture. Statement 14 gives the percentage distribution of these characteristics. It may be seen that the first four positions are occupied by *basic metals* (NIC: 24); *coke and refined petroleum products* (NIC: 19); *chemicals and chemical products* (NIC: 20); and *machinery and equipment n.e.c.* (NIC: 28) in that order. These four major industry groups, while accounting for 41.46 per cent of the fixed capital, have only 20.36 per cent of the total employees in the factory sector, shared among themselves 43 per cent of net value added. The share of the major industry group *basic metals* (NIC: 24) alone (which occupies the top position in terms of its contribution to the value added) is 19.81 per cent in the total fixed capital stock, 7.93 per cent in the work force, i.e., employees, 13.62 per cent in the net value added. *Food products* (NIC: 10) have the distinction of having maximum no. of factories (16.65 per cent) and employing the maximum number of employees - about 14.40 Lakhs (12.71 per cent of total employees).

Statement 13 : Relative status of major industry groups in respect of NVA and some selected characteristics based on ASI 2008-09
(Arranged in Descending Order of Net Value Added)

(Value Figures in Rs. Lakhs & Others in Numbers)

NIC-08	Description	Factories	Fixed Capital	Invested Capital	Total Persons Engaged	Total Emoluments	Net Value Added
24	BASIC METALS	8656	20917805	28407873	898554	1586699	7186274
19	COKE AND REFINED PETROLEUM PRODUCTS	953	7725101	11003017	113167	307981	7020680
20	CHEMICALS AND CHEMICAL PRODUCTS	8456	11695843	15387545	581053	1035851	4592075
28	MACHINERY AND EQUIPMENT N.E.C.	8917	3427979	6942380	714174	1189157	3892724
23	OTHER NON-METALLIC MINERAL PRODUCTS	16588	7494496	9427403	779786	637792	3620237
21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	3420	4233373	6240055	379083	643645	3180105
10	FOOD PRODUCTS	25854	6812392	13913208	1439618	999448	3160262
27	ELECTRICAL EQUIPMENT	5252	2426943	4314230	381336	587367	2378903
29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	3662	6796621	8819186	509741	848696	2126779
13	TEXTILES	13360	8609501	11488699	1400207	1038055	1982157
25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	9773	2570416	4573130	508057	614710	1776400
22	RUBBER AND PLASTICS PRODUCTS	8335	3166521	4483057	430981	441576	1765860
99	OTHER INDUSTRIES	6613	7381045	8287136	268961	313291	1721337
26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	2104	1948139	2982660	209332	482361	1623760
30	OTHER TRANSPORT EQUIPMENT	1851	1541894	2769333	219133	307792	1275619
14	WEARING APPAREL	5761	1315681	2437733	797878	584733	1089995
11	BEVERAGES	1362	1303249	1793404	123898	142055	922231
12	TOBACCO PRODUCTS	3280	251115	617366	452026	128970	905040
17	PAPER AND PAPER PRODUCTS	4637	2650958	3347668	231415	221808	677914
32	OTHER MANUFACTURING	2413	722817	2118939	225834	241451	529115
18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	3290	1002876	1246448	129368	162996	372370
15	LEATHER AND RELATED PRODUCTS	2559	532583	1055906	250984	164995	341023
33	REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT	799	139852	243649	33911	67525	224266
31	MANUFACTURE OF FURNITURE	948	136355	248328	40371	54589	106387
58	PUBLISHING ACTIVITIES	204	274173	344152	20385	55066	105240
01	CROP & ANIMAL PRODUCTION, HUNTING & RELATED SERVICE ACTIVITIES	2902	214375	445306	106798	30493	84026
16	WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE	3102	250126	452156	68361	47905	77965
38	WASTE COLLECTION, TREATMENT & DISPOSAL ACTIVITIES; MATERIALS RECOVERY	190	39470	109869	7648	4998	27583
08	OTHER MINING AND QUARRYING	80	14915	17939	5423	2119	10232
	ALL INDUSTRIES	155321	105596614	153517773	11327485	12944123	52776558

Statement 14 : Relative status of major industry groups in respect of NVA and some selected characteristics based on ASI 2008-09
(Arranged in Descending Order of Net Value Added)

(Percentage Distribution)							
NIC-08	Description	Factories	Fixed Capital	Invested Capital	Total Persons Engaged	Total Emoluments	Net Value Added
24	BASIC METALS	5.57	19.81	18.50	7.93	12.26	13.62
19	COKE AND REFINED PETROLEUM PRODUCTS	0.61	7.32	7.17	1.00	2.38	13.30
20	CHEMICALS AND CHEMICAL PRODUCTS	5.44	11.08	10.02	5.13	8.00	8.70
28	MACHINERY AND EQUIPMENT N.E.C.	5.74	3.25	4.52	6.30	9.19	7.38
23	OTHER NON-METALLIC MINERAL PRODUCTS	10.68	7.10	6.14	6.88	4.93	6.86
21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	2.20	4.01	4.06	3.35	4.97	6.03
10	FOOD PRODUCTS	16.65	6.45	9.06	12.71	7.72	5.99
27	ELECTRICAL EQUIPMENT	3.38	2.30	2.81	3.37	4.54	4.51
29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	2.36	6.44	5.74	4.50	6.56	4.03
13	TEXTILES	8.60	8.15	7.48	12.36	8.02	3.76
25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	6.29	2.43	2.98	4.49	4.75	3.37
22	RUBBER AND PLASTICS PRODUCTS	5.37	3.00	2.92	3.80	3.41	3.35
99	OTHER INDUSTRIES	4.26	6.99	5.40	2.37	2.42	3.26
26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	1.35	1.84	1.94	1.85	3.73	3.08
30	OTHER TRANSPORT EQUIPMENT	1.19	1.46	1.80	1.93	2.38	2.42
14	WEARING APPAREL	3.71	1.25	1.59	7.04	4.52	2.07
11	BEVERAGES	0.88	1.23	1.17	1.09	1.10	1.75
12	TOBACCO PRODUCTS	2.11	0.24	0.40	3.99	1.00	1.71
17	PAPER AND PAPER PRODUCTS	2.99	2.51	2.18	2.04	1.71	1.28
32	OTHER MANUFACTURING	1.55	0.68	1.38	1.99	1.87	1.00
18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	2.12	0.95	0.81	1.14	1.26	0.71
15	LEATHER AND RELATED PRODUCTS	1.65	0.50	0.69	2.22	1.27	0.65
33	REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT	0.51	0.13	0.16	0.30	0.52	0.42
31	MANUFACTURE OF FURNITURE	0.61	0.13	0.16	0.36	0.42	0.20
58	PUBLISHING ACTIVITIES	0.13	0.26	0.22	0.18	0.43	0.20
01	CROP & ANIMAL PRODUCTION, HUNTING & RELATED SERVICE ACTIVITIES	1.87	0.20	0.29	0.94	0.24	0.16
16	WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE	2.00	0.24	0.29	0.60	0.37	0.15
38	WASTE COLLECTION, TREATMENT & DISPOSAL ACTIVITIES; MATERIALS RECOVERY	0.12	0.04	0.07	0.07	0.04	0.05
08	OTHER MINING AND QUARRYING	0.05	0.01	0.01	0.05	0.02	0.02
	ALL INDUSTRIES	100.00	100.00	100.00	100.00	100.00	100.00

9. RELATIVE IMPORTANCE OF STATES – ALL INDUSTRIES

9.1 Principal Characteristics

9.1.1 Statements 15 and 16 present data on some selected aggregates both in absolute and percentage terms for thirty-one states/UTs ranked in the descending order of their contribution to net value added.

9.1.2 In 2008-09, the number of factories is reported highest in Tamil Nadu (16.82 %) followed by Maharashtra (13.17 %). Maharashtra's share is the highest in relation to other States for some of the other aggregates like fixed capital (16.95%), invested capital (17.01%), total emoluments (20%) and net value added (21.39%). Gujarat occupies the second position by virtue of its contribution to net value added. Gujarat's share in the total fixed capital is 16.32 per cent; its contribution to the value of net value added is 11.45 per cent of the corresponding totals. Gujarat is again followed, in terms of its contribution to net value added, by Karnataka (8.06%), Tamil Nadu (7.52%), Andhra Pradesh (6.72%), and Uttarakhand (5.39%) in that order.

Statement 15 : Relative status of states in respect of NVA and some selected characteristics based on ASI 2008-09**(Arranged in Descending Order of Net Value Added)****(Value Figures in Rs. Lakhs & Others in Numbers)**

State	Factories	Fixed Capital	Invested Capital	Total Persons Engaged	Total Emoluments	Net Value Added
Maharashtra	20450	17901787	26109467	1491931	2588401	11287800
Gujarat	14863	17236698	24691131	1125543	1303885	6041722
Karnataka	8451	8669455	11558732	770133	958062	4253250
Tamil Nadu	26122	9778762	14699277	1774019	1624606	3971350
Andhra Pradesh	16903	7439952	10960697	1093554	889405	3547084
Uttarakhand	1907	2189841	3469272	229727	454569	2843285
Uttar Pradesh	10935	6267696	9423178	738644	797971	2413888
Haryana	4450	3706457	6133423	607527	631186	2035386
Rajasthan	6352	3469297	4663623	351351	336099	1688436
Odisha	1930	5468284	6680966	213192	326234	1667360
Chattisgarh	1919	2818914	3801782	172044	309200	1661367
West Bengal	6260	4137348	6196315	549852	569983	1659980
Madhya Pradesh	3345	2820091	4036384	273332	312612	1502123
Jharkhand	1846	3057109	3992048	163625	350605	1430000
Himachal Pradesh	1294	2189156	2874252	110242	133852	1333237
Punjab	10065	2648036	4612258	544776	418187	1256840
Dadra & Nagar Haveli	1151	1307315	1975963	92557	102818	778462
Kerala	5867	1189335	1928079	381558	269263	770511
Goa	519	526496	949345	53107	77100	490164
Daman & Diu	1443	476728	865770	88513	81241	439760
Delhi	3026	312873	740846	126816	138943	347958
Jammu & Kashmir	649	243669	398911	54581	42203	320759
Bihar	1775	303254	584884	73659	44472	318374
Assam	2211	940427	1361928	149256	97008	301389
Puducherry	675	317107	538248	49254	57017	299159
Meghalaya	95	60715	88570	5567	5252	52352
Chandigarh(U.T.)	278	69003	111002	11142	15717	44150
Tripura	363	41808	56325	26089	6447	15515
Nagaland	91	2047	6107	2877	678	2823
Manipur	72	1367	2365	2654	756	1243
Andaman & N. Island	12	5586	6623	362	353	830
All India	155321	105596614	153517773	11327485	12944123	52776558

Statement 16 : Relative status of states in respect of NVA and some selected characteristics based on ASI 2008-09**(Arranged in Descending Order of Net Value Added)****(Percentage Distribution)**

State	Factories	Fixed Capital	Invested Capital	Total Persons Engaged	Total Emoluments	Net Value Added
Maharashtra	13.17	16.95	17.01	13.17	20.00	21.39
Gujarat	9.57	16.32	16.08	9.94	10.07	11.45
Karnataka	5.44	8.21	7.53	6.80	7.40	8.06
Tamil Nadu	16.82	9.26	9.57	15.66	12.55	7.52
Andhra Pradesh	10.88	7.05	7.14	9.65	6.87	6.72
Uttarakhand	1.23	2.07	2.26	2.03	3.51	5.39
Uttar Pradesh	7.04	5.94	6.14	6.52	6.16	4.57
Haryana	2.87	3.51	4.00	5.36	4.88	3.86
Rajasthan	4.09	3.29	3.04	3.10	2.60	3.20
Odisha	1.24	5.18	4.35	1.88	2.52	3.16
Chattisgarh	1.24	2.67	2.48	1.52	2.39	3.15
West Bengal	4.03	3.92	4.04	4.85	4.40	3.15
Madhya Pradesh	2.15	2.67	2.63	2.41	2.42	2.85
Jharkhand	1.19	2.90	2.60	1.44	2.71	2.71
Himachal Pradesh	0.83	2.07	1.87	0.97	1.03	2.53
Punjab	6.48	2.51	3.00	4.81	3.23	2.38
Dadra & Nagar Haveli	0.74	1.24	1.29	0.82	0.79	1.48
Kerala	3.78	1.13	1.26	3.37	2.08	1.46
Goa	0.33	0.50	0.62	0.47	0.60	0.93
Daman & Diu	0.93	0.45	0.56	0.78	0.63	0.83
Delhi	1.95	0.30	0.48	1.12	1.07	0.66
Jammu & Kashmir	0.42	0.23	0.26	0.48	0.33	0.61
Bihar	1.14	0.29	0.38	0.65	0.34	0.60
Assam	1.42	0.89	0.89	1.32	0.75	0.57
Puducherry	0.43	0.30	0.35	0.43	0.44	0.57
Meghalaya	0.06	0.06	0.06	0.05	0.04	0.10
Chandigarh(U.T.)	0.18	0.07	0.07	0.10	0.12	0.08
Tripura	0.23	0.04	0.04	0.23	0.05	0.03
Nagaland	0.06	0.00	0.00	0.03	0.01	0.01
Manipur	0.05	0.00	0.00	0.02	0.01	0.00
Andaman & N. Island	0.01	0.01	0.00	0.00	0.00	0.00
All India	100.00	100.00	100.00	100.00	100.00	100.00

10. REGIONAL DISTRIBUTION OF INDUSTRIES

10.1 Statement 17 presents the share of seven most important industries in terms of gross value of output and gross value added within each of the thirty one states/UTs. The ranking of major industries in a state has been done according to the value of their gross output. The industry with maximum gross output is ranked first and others in their descending order of their gross output. Besides the gross output, the contribution of each of these industries to gross value added is also given.

10.2 From Statement 17, it is seen that during 2008-09, in *basic metals* (NIC: 24), the contribution to the total output is 14.84 per cent at all India level, whereas this group, in the states like Chattisgarh (74.63 per cent), Odisha (60.15 per cent), Jharkhand (59.97 per cent), Meghalaya (43.48 per cent), Dadra & Nagar Haveli (33.10 per cent) and West Bengal (30.96 per cent), is contributing to the highest proportion in respect to the total output of the respective states. *Coke and refined petroleum products* (NIC: 19) accounts for 14.69 per cent of the total output at all India level, which is the second highest in ranking in proportionate share of gross value of output to the total output, whereas this group accounts for the highest value of their respective total output in six states namely Bihar (77.33 per cent), Assam (61.70 per cent), Kerala (39.01 per cent), Gujarat (25.80 per cent), Karnataka (17.44 per cent), and Maharashtra (16.88 per cent). In *Food Products* (NIC: 10), the contribution to the total output is 11.37 per cent (next only to *basic metals* and *coke and refined petroleum products*) at all India level, where as this group, in the states like Punjab (18.58 per cent), Delhi (25.40 per cent), Uttar Pradesh (17.61 per cent), Manipur (56.59 per cent), Madhya Pradesh (32.78 per cent) and Andhra Pradesh (18.95 per cent) contributes to the highest proportion in respect to the total output of these states. The industry group *chemicals and chemical products* (NIC: 20) accounts for 8.84 per cent of the total output in all India, where as this group accounts for the highest value of their respective total output in two states namely Jammu & Kashmir (33.93 per cent), and Goa (28.96 per cent). *Motor vehicles, trailers and semi-trailers* (NIC: 29) industry group accounts for 5.35 per cent of the total output in all India which is the 5th highest in ranking in proportional share of gross value of output. This industry contributes to the highest proportion of their respective total output in the states of Haryana (29.44 per cent) and Tamil Nadu (15.50 per cent). *Other non-metallic mineral products* (NIC: 23), though not included in the top 7 major industries at all India level, but accounts for the highest in share (18.72 per cent) in Rajasthan and (22.18 per cent) in Tripura.

10.3 Statement 18 gives the shares of top three states along with all India figures in the total output and gross value added for major industry groups. Within each such industry, states have been ranked based on their relative contributions to the total output of that industry. From Statement 18, it is clearly seen that in *crop and animal production, hunting and related service activities* (NIC: 01), the states Gujarat, Andhra Pradesh and Maharashtra are the top three

important contributors to total all India output and gross value added. These three states together account for 74.10 per cent of the total output and 81.55 per cent of gross value added in the country. In the case of industry group *food products* (NIC: 10), Gujarat, Maharashtra, and Andhra Pradesh are again the top three contributors to total output together accounting for 40.62 per cent at all India level. Tamil Nadu, Gujarat and Maharashtra are the three important contributors to total output and gross value added of *textiles* (NIC: 13) and they together are accounting for 51.30 per cent at all India level. Tamil Nadu, Uttar Pradesh and West Bengal are the three important contributors in industry group *leather and related products* (NIC: 15) accounting for 67.09 per cent of all India. Again, West Bengal, Gujarat and Haryana are the three important contributors to total output and gross value added of *wood and wood products (except furniture)* (NIC: 16) accounting for 41.50 per cent of all India. In industry group *paper and paper products* (NIC: 17) the important states are Gujarat, Maharashtra and Tamil Nadu - together accounting for 37.98 per cent of all India output. In *coke and refined petroleum products* (NIC: 19) industry group the three most important contributing states are Gujarat, Maharashtra and Karnataka sharing about 56.51 per cent of all India output. In *chemicals and chemical products* (NIC: 20) industry group, the major three contributors are Gujarat, Maharashtra and Andhra Pradesh and these states are accounting for 56.16 per cent in all India level. In *basic metals* (NIC: 24) industry group, the three most important states are Maharashtra, Chattisgarh and Gujarat which are accounting for 36.22 per cent at the national level. In industry group *computer, electronic and optical products* (NIC: 26), the top three states are Uttar Pradesh, Uttarakhand and Maharashtra and they share 53.08 per cent of the total all India output. In *electrical equipment* (NIC: 27), the highest contributing states are Maharashtra, Karnataka and Daman & Diu which together accounts for 39.2% of total national output. In industry group *motor vehicles, trailers etc.* (NIC: 29), the top three states are Tamil Nadu, Haryana and Maharashtra, which together account for 73.92 per cent of the total all India output.

Statement 17: Share of seven major industries in total output & GVA in each State based on ASI 2008-09

(Rs. Lakhs)						
States	NIC-08	Description	Total Output		Gross Value Added	
			Actual	%	Actual	%
Jammu & Kashmir		ALL INDUSTRIES	1349375	100.00	339466	100.00
		TOTAL OF 7 IND.	1165077	86.33	296390	87.30
	20	CHEMICALS AND CHEMICAL PRODUCTS	457895	33.93	92213	27.16
	24	BASIC METALS	218309	16.18	19898	5.86
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	207583	15.38	146695	43.21
	10	FOOD PRODUCTS	100255	7.43	8845	2.61
	27	ELECTRICAL EQUIPMENT	79129	5.86	16410	4.83
	13	TEXTILES	56678	4.20	9815	2.89
	OT	OTHER INDUSTRIES	45228	3.35	2514	0.74
Himachal Pradesh		ALL INDUSTRIES	4227948	100.00	1464780	100.00
		TOTAL OF 7 IND.	3273159	77.43	1255268	85.70
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	1012675	23.95	497087	33.94
	20	CHEMICALS AND CHEMICAL PRODUCTS	522418	12.36	212010	14.47
	27	ELECTRICAL EQUIPMENT	464620	10.99	96996	6.62
	24	BASIC METALS	442995	10.48	38610	2.64
	OT	OTHER INDUSTRIES	294062	6.96	220207	15.03
	13	TEXTILES	275570	6.52	51558	3.52
	23	NON-METALLIC MINERAL PRODUCTS	260819	6.17	138800	9.48
Punjab		TOTAL	10551352	100.00	1485679	100.00
		TOTAL OF 7 IND.	7493977	71.03	940202	63.28
	10	FOOD PRODUCTS	1960502	18.58	171797	11.56
	24	BASIC METALS	1807145	17.13	107188	7.21
	13	TEXTILES	1585087	15.02	204113	13.74
	30	OTHER TRANSPORT EQUIPMENT	653662	6.20	82544	5.56
	20	CHEMICALS AND CHEMICAL PRODUCTS	518485	4.91	2518	0.17
	11	BEVERAGES	512744	4.86	306410	20.62
Chandigarh (UT)	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	456352	4.33	65632	4.42
		TOTAL	352625	100.00	49497	100.00
		TOTAL OF 7 IND.	309253	87.70	43377	87.64
	OT	OTHER INDUSTRIES	147021	41.69	5673	11.46
	24	BASIC METALS	82958	23.53	12377	25.01
	32	OTHER MANUFACTURING	20182	5.72	8028	16.22
	10	FOOD PRODUCTS	18966	5.38	1565	3.16
	58	PUBLISHING ACTIVITIES	16285	4.62	9314	18.82
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	13538	3.84	3749	7.57
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	10303	2.92	2671	5.40

Statement 17: Share of seven major industries in total output & GVA in each State based on ASI 2008-09

(Rs. Lakhs)						
States	NIC-08	Description	Total Output		Gross Value Added	
			Actual	%	Actual	%
Uttarakhand		TOTAL	8292360	100.00	2997449	100.00
		TOTAL OF 7 IND.	6498955	78.36	2599259	86.71
	28	MACHINERY AND EQUIPMENT N.E.C.	2389106	28.81	1149148	38.34
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	1416320	17.08	635729	21.21
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	600518	7.24	258229	8.61
	10	FOOD PRODUCTS	586371	7.07	113741	3.79
	27	ELECTRICAL EQUIPMENT	535955	6.46	134616	4.49
	24	BASIC METALS	524227	6.32	91639	3.06
	20	CHEMICALS AND CHEMICAL PRODUCTS	446458	5.38	216157	7.21
Haryana		TOTAL	14433596	100.00	2416402	100.00
		TOTAL OF 7 IND.	11375710	78.80	1802309	74.59
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	4249259	29.44	630091	26.08
	30	OTHER TRANSPORT EQUIPMENT	1986407	13.76	439201	18.18
	10	FOOD PRODUCTS	1406186	9.74	194119	8.03
	24	BASIC METALS	1251586	8.67	49812	2.06
	28	MACHINERY AND EQUIPMENT N.E.C.	1003671	6.95	189831	7.86
	14	WEARING APPAREL	800314	5.54	185129	7.66
	27	ELECTRICAL EQUIPMENT	678287	4.70	114126	4.72
Delhi		TOTAL	2747594	100.00	382384	100.00
		TOTAL OF 7 IND.	1953194	71.09	234321	61.28
	10	FOOD PRODUCTS	697864	25.40	39699	10.38
	14	WEARING APPAREL	454883	16.56	94180	24.63
	OT	OTHER INDUSTRIES	303862	11.06	29350	7.68
	24	BASIC METALS	132815	4.83	17196	4.50
	27	ELECTRICAL EQUIPMENT	131210	4.78	20863	5.46
	20	CHEMICALS AND CHEMICAL PRODUCTS	128381	4.67	14087	3.68
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	104179	3.79	18946	4.95
Rajasthan		TOTAL	9066470	100.00	1947755	100.00
		TOTAL OF 7 IND.	6891372	76.00	1567328	80.48
	23	NON-METALLIC MINERAL PRODUCTS	1697583	18.72	755445	38.79
	13	TEXTILES	1133300	12.50	161057	8.27
	24	BASIC METALS	1094039	12.07	157695	8.10
	10	FOOD PRODUCTS	1012135	11.16	141973	7.29
	20	CHEMICALS AND CHEMICAL PRODUCTS	954820	10.53	219319	11.26
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	560341	6.18	53685	2.76
	27	ELECTRICAL EQUIPMENT	439154	4.84	78154	4.01

Statement 17: Share of seven major industries in total output & GVA in each State based on ASI 2008-09

(Rs. Lakhs)						
States	NIC-08	Description	Total Output		Gross Value Added	
			Actual	%	Actual	%
Uttar Pradesh		TOTAL	20046266	100.00	2949507	100.00
		TOTAL OF 7 IND.	13556299	67.63	1607109	54.50
	10	FOOD PRODUCTS	3529773	17.61	264539	8.97
	19	COKE AND REFINED PETROLEUM PRODUCTS	3157417	15.75	336204	11.40
	24	BASIC METALS	1898628	9.47	306616	10.40
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	1552248	7.74	134299	4.55
	20	CHEMICALS AND CHEMICAL PRODUCTS	1462601	7.30	309268	10.49
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	1118676	5.58	118144	4.01
	28	MACHINERY AND EQUIPMENT N.E.C.	836956	4.18	138039	4.68
Bihar		TOTAL	2953967	100.00	348136	100.00
		TOTAL OF 7 IND.	2858381	96.76	314637	90.36
	19	COKE AND REFINED PETROLEUM PRODUCTS	2284316	77.33	131885	37.88
	24	BASIC METALS	133594	4.52	8998	2.58
	10	FOOD PRODUCTS	130088	4.40	13940	4.00
	12	TOBACCO PRODUCTS	118669	4.02	85226	24.48
	OT	OTHER INDUSTRIES	89888	3.04	39068	11.22
	23	NON-METALLIC MINERAL PRODUCTS	59277	2.01	15147	4.35
	11	BEVERAGES	42549	1.44	20373	5.85
Nagaland		TOTAL	12806	100.00	2964	100.00
		TOTAL OF 7 IND.	12757	99.62	2942	99.23
	16	WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE	7910	61.77	2336	78.81
	10	FOOD PRODUCTS	3878	30.28	261	8.81
	23	NON-METALLIC MINERAL PRODUCTS	614	4.80	227	7.66
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	212	1.65	40	1.33
	22	RUBBER AND PLASTICS PRODUCTS	70	0.55	30	1.00
	18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	42	0.32	29	0.96
	OT	OTHER INDUSTRIES	31	0.25	19	0.66
Manipur		TOTAL	6706	100.00	1356	100.00
		TOTAL OF 7 IND.	6669	99.45	1346	99.30
	10	FOOD PRODUCTS	3795	56.59	389	28.66
	23	NON-METALLIC MINERAL PRODUCTS	2493	37.18	856	63.12
	16	WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE	150	2.24	33	2.46
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	79	1.18	3	0.25
	11	BEVERAGES	75	1.11	37	2.71
	OT	OTHER INDUSTRIES	39	0.59	24	1.78
	22	RUBBER AND PLASTICS PRODUCTS	38	0.56	4	0.32

Statement 17: Share of seven major industries in total output & GVA in each State based on ASI 2008-09

(Rs. Lakhs)						
States	NIC-08	Description	Total Output		Gross Value Added	
			Actual	%	Actual	%
Tripura		TOTAL	75598	100.00	20739	100.00
		TOTAL OF 7 IND.	71882	95.09	20017	96.53
	23	NON-METALLIC MINERAL PRODUCTS	16766	22.18	7561	36.46
	10	FOOD PRODUCTS	15433	20.41	2662	12.84
	12	TOBACCO PRODUCTS	14543	19.24	6565	31.66
	OT	OTHER INDUSTRIES	12255	16.21	985	4.75
	24	BASIC METALS	7151	9.46	1354	6.53
	22	RUBBER AND PLASTICS PRODUCTS	4090	5.41	489	2.36
	11	BEVERAGES	1644	2.18	401	1.93
Meghalaya		TOTAL	192159	100.00	59452	100.00
		TOTAL OF 7 IND.	187697	97.67	58258	98.00
	24	BASIC METALS	83554	43.48	15033	25.29
	23	NON-METALLIC MINERAL PRODUCTS	82043	42.70	38788	65.24
	20	CHEMICALS AND CHEMICAL PRODUCTS	7517	3.91	2372	3.99
	10	FOOD PRODUCTS	4312	2.24	309	0.52
	11	BEVERAGES	3754	1.95	558	0.94
	18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	3631	1.89	699	1.18
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	2886	1.50	499	0.84
Assam		TOTAL	3676790	100.00	379003	100.00
		TOTAL OF 7 IND.	3458483	94.05	303236	80.00
	19	COKE AND REFINED PETROLEUM PRODUCTS	2268625	61.70	24528	6.47
	10	FOOD PRODUCTS	678147	18.44	145546	38.40
	20	CHEMICALS AND CHEMICAL PRODUCTS	140308	3.82	51854	13.68
	OT	OTHER INDUSTRIES	112224	3.05	17560	4.63
	24	BASIC METALS	107064	2.91	11415	3.01
	17	PAPER AND PAPER PRODUCTS	79195	2.15	29706	7.84
	23	NON-METALLIC MINERAL PRODUCTS	72920	1.98	22627	5.97
West Bengal		TOTAL	14179648	100.00	1942763	100.00
		TOTAL OF 7 IND.	11420322	80.55	1393794	71.74
	24	BASIC METALS	4390394	30.96	562351	28.95
	19	COKE AND REFINED PETROLEUM PRODUCTS	2340945	16.51	211632	10.89
	20	CHEMICALS AND CHEMICAL PRODUCTS	1772276	12.50	121801	6.27
	10	FOOD PRODUCTS	1425886	10.06	136429	7.02
	13	TEXTILES	629090	4.44	169783	8.74
	27	ELECTRICAL EQUIPMENT	471952	3.33	102981	5.30
	23	NON-METALLIC MINERAL PRODUCTS	389779	2.75	88817	4.57

Statement 17: Share of seven major industries in total output & GVA in each State based on ASI 2008-09

(Rs. Lakhs)						
States	NIC-08	Description	Total Output		Gross Value Added	
			Actual	%	Actual	%
Jharkhand		TOTAL	5910751	100.00	1648983	100.00
		TOTAL OF 7 IND.	5648396	95.57	1588373	96.33
	24	BASIC METALS	3544551	59.97	1190921	72.22
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	697604	11.80	54192	3.29
	19	COKE AND REFINED PETROLEUM PRODUCTS	444842	7.53	100560	6.10
	28	MACHINERY AND EQUIPMENT N.E.C.	280135	4.74	83326	5.05
	OT	OTHER INDUSTRIES	271930	4.60	98423	5.97
	23	NON-METALLIC MINERAL PRODUCTS	223274	3.78	41986	2.55
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	186060	3.15	18965	1.15
Odisha		TOTAL	6953247	100.00	1919485	100.00
		TOTAL OF 7 IND.	6492298	93.37	1866852	97.26
	24	BASIC METALS	4182081	60.15	1437821	74.91
	20	CHEMICALS AND CHEMICAL PRODUCTS	1049576	15.09	150531	7.84
	23	NON-METALLIC MINERAL PRODUCTS	403437	5.80	166836	8.69
	10	FOOD PRODUCTS	356014	5.12	47806	2.49
	27	ELECTRICAL EQUIPMENT	177821	2.56	15573	0.81
	19	COKE AND REFINED PETROLEUM PRODUCTS	175084	2.52	8376	0.44
	17	PAPER AND PAPER PRODUCTS	148285	2.13	39909	2.08
Chattisgarh		TOTAL	7640548	100.00	1871505	100.00
		TOTAL OF 7 IND.	7362884	96.36	1825700	97.55
	24	BASIC METALS	5702194	74.63	1470106	78.55
	10	FOOD PRODUCTS	557677	7.30	43351	2.32
	23	NON-METALLIC MINERAL PRODUCTS	396502	5.19	172507	9.22
	OT	OTHER INDUSTRIES	254639	3.33	32824	1.75
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	217182	2.84	16549	0.88
	19	COKE AND REFINED PETROLEUM PRODUCTS	140005	1.83	75706	4.05
	20	CHEMICALS AND CHEMICAL PRODUCTS	94685	1.24	14657	0.78
Madhya Pradesh		TOTAL	9040202	100.00	1699795	100.00
		TOTAL OF 7 IND.	6974604	77.15	1317830	77.53
	10	FOOD PRODUCTS	2963204	32.78	186428	10.97
	23	NON-METALLIC MINERAL PRODUCTS	935157	10.34	378003	22.24
	24	BASIC METALS	783590	8.67	42898	2.52
	27	ELECTRICAL EQUIPMENT	668013	7.39	166317	9.78
	13	TEXTILES	609966	6.75	136467	8.03
	22	RUBBER AND PLASTICS PRODUCTS	559052	6.18	192223	11.31
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	455622	5.04	215494	12.68

Statement 17: Share of seven major industries in total output & GVA in each State based on ASI 2008-09

(Rs. Lakhs)						
States	NIC-08	Description	Total Output		Gross Value Added	
			Actual	%	Actual	%
Gujarat		TOTAL	50808787	100.00	7476367	100.00
		TOTAL OF 7 IND.	39620093	77.97	5220455	69.82
	19	COKE AND REFINED PETROLEUM PRODUCTS	13109439	25.80	1893795	25.33
	20	CHEMICALS AND CHEMICAL PRODUCTS	8866289	17.45	1731087	23.15
	10	FOOD PRODUCTS	5735087	11.29	326233	4.36
	24	BASIC METALS	4793546	9.43	334864	4.48
	13	TEXTILES	2914544	5.74	409929	5.48
	OT	OTHER INDUSTRIES	2405223	4.73	202997	2.72
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	1795965	3.53	321550	4.30
Daman & Diu		TOTAL	3031277	100.00	483556	100.00
		TOTAL OF 7 IND.	2650023	87.41	385371	79.70
	27	ELECTRICAL EQUIPMENT	1280810	42.25	173736	35.93
	22	RUBBER AND PLASTICS PRODUCTS	524406	17.30	81965	16.95
	20	CHEMICALS AND CHEMICAL PRODUCTS	329785	10.88	24552	5.08
	13	TEXTILES	168913	5.57	21675	4.48
	24	BASIC METALS	137934	4.55	8711	1.80
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	122594	4.04	48579	10.05
	32	OTHER MANUFACTURING	85581	2.82	26153	5.41
Dadra & N Haveli		TOTAL	6496541	100.00	891873	100.00
		TOTAL OF 7 IND.	5995392	92.28	771290	86.49
	24	BASIC METALS	2150079	33.10	294462	33.02
	13	TEXTILES	1597132	24.58	213050	23.89
	27	ELECTRICAL EQUIPMENT	658880	10.14	74445	8.35
	22	RUBBER AND PLASTICS PRODUCTS	599943	9.23	83006	9.31
	19	COKE AND REFINED PETROLEUM PRODUCTS	514523	7.92	8597	0.96
	20	CHEMICALS AND CHEMICAL PRODUCTS	356515	5.49	72238	8.10
	28	MACHINERY AND EQUIPMENT N.E.C.	118320	1.82	25492	2.86
Maharashtra		TOTAL	60017352	100.00	12760530	100.00
		TOTAL OF 7 IND.	39939115	66.54	8378415	65.65
	19	COKE AND REFINED PETROLEUM PRODUCTS	10128981	16.88	4066291	31.87
	24	BASIC METALS	7093892	11.82	770698	6.04
	20	CHEMICALS AND CHEMICAL PRODUCTS	5558636	9.26	1163985	9.12
	10	FOOD PRODUCTS	5362133	8.93	526255	4.12
	28	MACHINERY AND EQUIPMENT N.E.C.	4993511	8.32	905119	7.09
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	4022605	6.70	766242	6.00
	32	OTHER MANUFACTURING	2779357	4.63	179825	1.41

Statement 17: Share of seven major industries in total output & GVA in each State based on ASI 2008-09

(Rs. Lakhs)						
States	NIC-08	Description	Total Output		Gross Value Added	
			Actual	%	Actual	%
Andhra Pradesh		TOTAL	21240271	100.00	4075162	100.00
		TOTAL OF 7 IND.	15683767	73.84	2865830	70.32
	10	FOOD PRODUCTS	4025805	18.95	377817	9.27
	19	COKE AND REFINED PETROLEUM PRODUCTS	2947001	13.87	99957	2.45
	24	BASIC METALS	2471999	11.64	511874	12.56
	20	CHEMICALS AND CHEMICAL PRODUCTS	1826274	8.60	417581	10.25
	23	NON-METALLIC MINERAL PRODUCTS	1743266	8.21	573078	14.06
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	1653795	7.79	578973	14.21
	22	RUBBER AND PLASTICS PRODUCTS	1015627	4.78	306550	7.52
Karnataka		TOTAL	22581276	100.00	4876912	100.00
		TOTAL OF 7 IND.	15248671	67.53	2770900	56.81
	19	COKE AND REFINED PETROLEUM PRODUCTS	3937532	17.44	318551	6.53
	24	BASIC METALS	2600006	11.51	733363	15.04
	10	FOOD PRODUCTS	2223576	9.85	343008	7.03
	OT	OTHER INDUSTRIES	1988066	8.80	588665	12.07
	28	MACHINERY AND EQUIPMENT N.E.C.	1645692	7.29	394548	8.09
	27	ELECTRICAL EQUIPMENT	1559526	6.91	322816	6.62
	32	OTHER MANUFACTURING	1294273	5.73	69949	1.43
Goa		TOTAL	2752579	100.00	542773	100.00
		TOTAL OF 7 IND.	2318015	84.21	428035	78.87
	20	CHEMICALS AND CHEMICAL PRODUCTS	797162	28.96	78673	14.49
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	438340	15.92	175904	32.41
	24	BASIC METALS	414524	15.06	37182	6.85
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	211693	7.69	21589	3.98
	22	RUBBER AND PLASTICS PRODUCTS	207726	7.55	68316	12.59
	10	FOOD PRODUCTS	137251	4.99	29617	5.46
	27	ELECTRICAL EQUIPMENT	111319	4.04	16754	3.09
Kerala		TOTAL	7090489	100.00	882107	100.00
		TOTAL OF 7 IND.	6080854	85.76	637545	72.27
	19	COKE AND REFINED PETROLEUM PRODUCTS	2765979	39.01	185013	20.97
	10	FOOD PRODUCTS	1085695	15.31	134677	15.27
	24	BASIC METALS	671691	9.47	40913	4.64
	22	RUBBER AND PLASTICS PRODUCTS	603309	8.51	122307	13.87
	20	CHEMICALS AND CHEMICAL PRODUCTS	469808	6.63	70243	7.96
	OT	OTHER INDUSTRIES	338828	4.78	31868	3.61
	30	OTHER TRANSPORT EQUIPMENT	145544	2.05	52524	5.95

Statement 17: Share of seven major industries in total output & GVA in each State based on ASI 2008-09

(Rs. Lakhs)						
States	NIC-08	Description	Total Output		Gross Value Added	
			Actual	%	Actual	%
Tamil Nadu		TOTAL	30080195	100.00	4883491	100.00
		TOTAL OF 7 IND.	19742503	65.65	2856027	58.49
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	4661023	15.50	755840	15.48
	19	COKE AND REFINED PETROLEUM PRODUCTS	3620402	12.04	155058	3.18
	13	TEXTILES	3528281	11.73	611880	12.53
	10	FOOD PRODUCTS	2826256	9.40	348780	7.14
	28	MACHINERY AND EQUIPMENT N.E.C.	1891579	6.29	496199	10.16
	24	BASIC METALS	1648655	5.48	208984	4.28
	14	WEARING APPAREL	1566307	5.21	279286	5.72
Puducherry		TOTAL	1455756	100.00	329735	100.00
		TOTAL OF 7 IND.	1135264	77.98	252044	76.43
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	263452	18.10	71832	21.78
	28	MACHINERY AND EQUIPMENT N.E.C.	242938	16.69	56856	17.24
	24	BASIC METALS	187707	12.89	5636	1.71
	20	CHEMICALS AND CHEMICAL PRODUCTS	170732	11.73	51984	15.77
	22	RUBBER AND PLASTICS PRODUCTS	107495	7.38	30003	9.10
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	86618	5.95	13431	4.07
	10	FOOD PRODUCTS	76322	5.24	22302	6.76
A & N. Island		TOTAL	15254	100.00	1542	100.00
		TOTAL OF 4 IND.	15254	100.00	1542	100.00
	OT	OTHER INDUSTRIES	13932	91.33	1408	91.33
	10	FOOD PRODUCTS	922	6.05	78	5.05
	16	WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE	299	1.96	20	1.29
	11	BEVERAGES	86	0.56	28	1.80
	18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	15	0.10	8	0.53
All India		TOTAL	327279786	100.00	61131148	100.00
		TOTAL OF 7 IND.	214494893	65.54	35211270	57.60
	24	BASIC METALS	48556909	14.84	8488615	13.89
	19	COKE AND REFINED PETROLEUM PRODUCTS	48089854	14.69	7646717	12.51
	10	FOOD PRODUCTS	37224408	11.37	3706995	6.06
	20	CHEMICALS AND CHEMICAL PRODUCTS	28939656	8.84	5580194	9.13
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	17495763	5.35	2784136	4.55
	13	TEXTILES	17170010	5.25	2770701	4.53
	28	MACHINERY AND EQUIPMENT N.E.C.	17018293	5.20	4233912	6.93

Statement 18: Share of three important states in total output as well as in GVA by major industry group based on ASI 2008-09						
(Rs. Lakhs)						
Industry Code	Description	State Name	Total Output		Gross Value Added	
			Actual	%	Actual	%
01	CROP AND ANIMAL PRODUCTION, HUNTING AND RELATED SERVICE ACTIVITIES	All India	1520688	100.00	101876	100.00
		Total for 3 States	1126788	74.10	83085	81.55
		Gujarat	697659	45.88	31892	31.30
		Andhra Pradesh	269814	17.74	33268	32.66
		Maharashtra	159315	10.48	17925	17.59
10	FOOD PRODUCTS	All India	37224408	100.00	3706995	100.00
		Total for 3 States	15123025	40.62	1230305	33.19
		Gujarat	5735087	15.41	326233	8.80
		Maharashtra	5362133	14.40	526255	14.20
		Andhra Pradesh	4025805	10.81	377817	10.19
11	BEVERAGES	All India	3312317	100.00	1044337	100.00
		Total for 3 States	1444339	43.61	584101	55.93
		Punjab	512744	15.48	306410	29.34
		Uttar Pradesh	484887	14.64	190101	18.20
		Maharashtra	446708	13.49	87590	8.39
12	TOBACCO PRODUCTS	All India	2019260	100.00	932196	100.00
		Total for 3 States	1207018	59.78	679725	72.91
		Andhra Pradesh	536771	26.58	247999	26.60
		Karnataka	370479	18.35	243714	26.14
		Uttar Pradesh	299768	14.85	188012	20.17
13	TEXTILES	All India	17170010	100.00	2770701	100.00
		Total for 3 States	8808747	51.30	1383451	49.93
		Tamil Nadu	3528281	20.55	611880	22.08
		Gujarat	2914544	16.97	409929	14.80
		Maharashtra	2365922	13.78	361642	13.05
14	WEARING APPAREL	All India	5375706	100.00	1226465	100.00
		Total for 3 States	3211822	59.75	724737	59.09
		Tamil Nadu	1566307	29.14	279286	22.77
		Karnataka	845201	15.72	260322	21.23
		Haryana	800314	14.89	185129	15.09

Statement 18: Share of three important states in total output as well as in GVA by major industry group based on ASI 2008-09						
(Rs. Lakhs)						
Industry Code	Description	State Name	Total Output		Gross Value Added	
			Actual	%	Actual	%
15	LEATHER AND RELATED PRODUCTS	All India	2458139	100.00	396741	100.00
		Total for 3 States	1649104	67.09	239158	60.29
		Tamil Nadu	738389	30.04	91034	22.95
		Uttar Pradesh	554533	22.56	103771	26.16
		West Bengal	356182	14.49	44353	11.18
16	WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE	All India	849542	100.00	101147	100.00
		Total for 3 States	352552	41.50	37982	37.55
		West Bengal	145038	17.07	13973	13.81
		Gujarat	119850	14.11	12705	12.56
		Haryana	87664	10.32	11304	11.18
17	PAPER AND PAPER PRODUCTS	All India	4107717	100.00	854851	100.00
		Total for 3 States	1560044	37.98	346192	40.49
		Gujarat	663357	16.15	125600	14.69
		Maharashtra	448640	10.92	98241	11.49
		Tamil Nadu	448047	10.91	122351	14.31
18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	All India	1950897	100.00	464691	100.00
		Total for 3 States	1090100	55.87	239044	51.45
		Maharashtra	587113	30.09	168948	36.36
		Uttar Pradesh	271624	13.92	29497	6.35
		Andhra Pradesh	231363	11.86	40599	8.74
19	COKE AND REFINED PETROLEUM PRODUCTS	All India	48089854	100.00	7646717	100.00
		Total for 3 States	27175952	56.51	6278637	82.12
		Gujarat	13109439	27.26	1893795	24.77
		Maharashtra	10128981	21.06	4066291	53.18
		Karnataka	3937532	8.19	318551	4.17
20	CHEMICALS AND CHEMICAL PRODUCTS	All India	28939656	100.00	5580194	100.00
		Total for 3 States	16251199	56.16	3312653	59.36
		Gujarat	8866289	30.64	1731087	31.02
		Maharashtra	5558636	19.21	1163985	20.86
		Andhra Pradesh	1826274	6.31	417581	7.48

Statement 18: Share of three important states in total output as well as in GVA by major industry group based on ASI 2008-09						
Industry Code	Description	State Name	(Rs. Lakhs)			
			Total Output		Gross Value Added	
			Actual	%	Actual	%
21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	All India	10200034	100.00	3507644	100.00
		Total for 3 States	5401769	52.95	1531972	43.68
		Maharashtra	2324012	22.78	559864	15.96
		Andhra Pradesh	1653795	16.21	578973	16.51
		Gujarat	1423962	13.96	393135	11.21
22	RUBBER AND PLASTICS PRODUCTS	All India	9935978	100.00	2092757	100.00
		Total for 3 States	3585955	36.09	806513	38.54
		Maharashtra	1753089	17.64	354159	16.92
		Andhra Pradesh	1015627	10.22	306550	14.65
		Gujarat	817239	8.23	145804	6.97
23	OTHER NON-METALLIC MINERAL PRODUCTS	All India	12140271	100.00	4135776	100.00
		Total for 3 States	5075848	41.81	1718465	41.56
		Andhra Pradesh	1743266	14.36	573078	13.86
		Rajasthan	1697583	13.98	755445	18.27
		Gujarat	1634999	13.47	389942	9.43
24	BASIC METALS	All India	48556909	100.00	8488615	100.00
		Total for 3 States	17589632	36.22	2575668	30.34
		Maharashtra	7093892	14.61	770698	9.08
		Chattisgarh	5702194	11.74	1470106	17.32
		Gujarat	4793546	9.87	334864	3.94
25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	All India	10009743	100.00	1978221	100.00
		Total for 3 States	5885974	58.80	1297548	65.59
		Maharashtra	2572521	25.70	552744	27.94
		Gujarat	1795965	17.94	321550	16.25
		Tamil Nadu	1517488	15.16	423254	21.40
26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	All India	8194929	100.00	1851932	100.00
		Total for 3 States	4350179	53.08	1125194	60.76
		Uttar Pradesh	1552248	18.94	134299	7.25
		Uttarakhand	1416320	17.28	635729	34.33
		Maharashtra	1381611	16.86	355166	19.18

Statement 18: Share of three important states in total output as well as in GVA by major industry group based on ASI 2008-09						
(Rs. Lakhs)						
Industry Code	Description	State Name	Total Output		Gross Value Added	
			Actual	%	Actual	%
27	ELECTRICAL EQUIPMENT	All India	13098370	100.00	2597125	100.00
		Total for 3 States	5134105	39.20	1067273	41.10
		Maharashtra	2293769	17.51	570721	21.98
		Karnataka	1559526	11.91	322816	12.43
		Daman & Diu	1280810	9.78	173736	6.69
28	MACHINERY AND EQUIPMENT N.E.C.	All India	17018293	100.00	4233912	100.00
		Total for 3 States	9274196	54.49	2550466	60.24
		Maharashtra	4993511	29.34	905119	21.38
		Uttarakhand	2389106	14.04	1149148	27.14
		Tamil Nadu	1891579	11.11	496199	11.72
29	MOTOR VEHICLES, TRAILERS & SEMI-TRAILERS	All India	17495763	100.00	2784136	100.00
		Total for 3 States	12932887	73.92	2152173	77.30
		Tamil Nadu	4661023	26.64	755840	27.15
		Haryana	4249259	24.29	630091	22.63
		Maharashtra	4022605	22.99	766242	27.52
30	OTHER TRANSPORT EQUIPMENT	All India	6702514	100.00	1414438	100.00
		Total for 3 States	4209223	62.80	833516	58.93
		Haryana	1986407	29.64	439201	31.05
		Maharashtra	1569154	23.41	311771	22.04
		Punjab	653662	9.75	82544	5.84
31	MANUFACTURE OF FURNITURE	All India	609152	100.00	122855	100.00
		Total for 3 States	417104	68.48	82355	67.04
		Maharashtra	298979	49.08	59572	48.49
		Uttar Pradesh	71978	11.82	8966	7.30
		Karnataka	46147	7.58	13817	11.25
32	OTHER MANUFACTURING	All India	6951099	100.00	595563	100.00
		Total for 3 States	5382610	77.43	373737	62.75
		Maharashtra	2779357	39.98	179825	30.19
		Gujarat	1308980	18.83	123963	20.81
		Karnataka	1294273	18.62	69949	11.75

Statement 18: Share of three important states in total output as well as in GVA by major industry group based on ASI 2008-09						
(Rs. Lakhs)						
Industry Code	Description	State Name	Total Output		Gross Value Added	
			Actual	%	Actual	%
33	REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT	All India	841112	100.00	238007	100.00
		Total for 3 States	487868	58.00	165384	69.49
		Karnataka	252597	30.03	102366	43.01
		Maharashtra	150545	17.90	56576	23.77
		Uttar Pradesh	84726	10.07	6442	2.71
58	PUBLISHING ACTIVITIES	All India	484962	100.00	127449	100.00
		Total for 3 States	261883	54.00	62112	48.73
		Maharashtra	132617	27.35	27799	21.81
		Tamil Nadu	69751	14.38	16789	13.17
		Kerala	59515	12.27	17524	13.75
	OTHER INDUSTRIES	All India	11786795	100.00	2092550	100.00
		Total for 3 States	6118931	51.92	1019641	48.72
		Gujarat	2405223	20.41	202997	9.70
		Karnataka	1988066	16.87	588665	28.13
		Maharashtra	1725642	14.64	227979	10.89
	ALL INDUSTRIES	All India	327279786	100.00	61131148	100.00
		Total for 3 States	140906334	43.05	25120388	41.09
		Maharashtra	60017352	18.34	12760530	20.87
		Gujarat	50808787	15.52	7476367	12.23
		Tamil Nadu	30080195	9.19	4883491	7.99