

9. INDUSTRY

This section deals with the following items:

- (a) Annual Survey of industries-Factory sector,
- (b) Production of cotton yarn,
- (c) Production of cotton cloth,
- (d) Production of man-made fibre fabrics,
- (e) Production of certain selected industries and
- (f) Index numbers of industrial production.

Table 9.1 and 9.2

These two tables present data regarding Annual Survey of Industries(ASI), the scope and coverage of which are described below:

The ASI replaced both the Census of Manufacturing Industries (CMI) and the Sample Survey of Manufacturing Industries (SSMI) with effect from the survey year,1959. The survey is conducted under the statutory provisions of ""Collection of Statistics Act, 1953"" and the rules framed there-under in 1959, except in Jammu and Kashmir where it is conducted under the State Collection of Statistics Act, 1961 and the Rules framed there-under in 1964. These tables give information on important characteristics of manufacturing industries for some latest years (factory-sector), State - wise and industry group-wise.

The ASI extends to the entire country except the States of Arunachal Pradesh, Mizoram, Nagaland, Sikkim and Union Territory of Lakshadweep. It covers all factories registered under section 2 m(i) and 2 m(ii) of the Factories Act of 1948, which respectively refer to the factories employing 10 or more workers and using power and those employing 20 or more workers but not using power on any day of the preceding 12 months. The survey also covers bidi and cigar manufacturing establishments registered under Bidi and Cigar Workers (Condition of Employment) Act, 1966 and employing 10 or more workers using power and 20 or more workers not using power. All the electricity undertakings engaged in the generation, transmission and distribution of electricity registered with the Central Electricity Authority are covered under ASI irrespective of their employment size. Certain services and activities like cold storage, water supply, repair of motor vehicles and other consumer durables like watches etc, are covered under the Survey.

Defence establishments, oil storage and distribution depots., restaurants, hotels, cafes and computer services and also the technical training institutes are excluded from the purview of the Survey. Since 1966 onwards ASI relates to the accounting year of the factories on any day between 1st April to 31st March of the next year. The Annual Survey of Industries upto 1965 related to the calendar year with the exception of sugar, cotton ginning and pressing factories and electrical undertakings for which the reference periods were respectively the year ending 30th June, 31st August and 31st March respectively. Reference year is accounting year of the factory ending on 31st March.

Definitions and concepts of some of the terms used in these tables are mentioned below:

Fixed Capital: represents the depreciated value of fixed assets owned by the factory as on the closing date of the accounting year. Fixed assets are those which have a normal productive life of more than one year. Fixed capital covers all types of assets, new or used or own constructed, deployed for production,

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transportation, living or recreational facilities, hospitals, schools, etc. for factory personnel. It includes the fixed assets of the head office allocable to the factory and also the full value of assets taken on hire-purchase basis. (whether fully paid or not) excluding interest element. It excludes intangible assets and assets solely used for post manufacturing activities such as sale, storage, distribution etc.

Physical Working Capital: is defined to include all physical inventories owned, held or controlled by factories as on closing date of the accounting year such as the materials, fuels & lubricants, stores etc. that enter into products manufactured by the factory itself or supplied by the factory to others for processing. Physical working capital also includes the stock of the materials, fuels and stores etc. purchased expressly for resale, semi-finished goods and work in progress on account of others and goods made by factories which are ready for sale at the end of accounting year. However, it does not include the stock of the materials, fuels, stores etc. supplied by others, to the factory for processing, finished goods, goods processed by others from raw materials supplied by the factory and held by them or included and finished goods processed by the factory from raw material supplied by others are excluded.

Working Capital: is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank and the net balance of amounts receivable over amounts payable at the end of the accounting year. Working capital, however, excludes unused overdraft facility, fixed deposits irrespective of duration, advances for acquisition of fixed assets, loans and advances by proprietors and partners irrespective of their purpose and duration, long term loans including interest thereon and investments.

Productive Capital : is the total of fixed capital and working capital as defined above.

Invested Capital: is the total of fixed capital and physical working capital as defined above.

Depreciation: is consumption of fixed capital due to wear and tear and obsolescences during the accounting year and is taken as provided by the factory owner or is estimated on the basis of cost of installation and working life of the fixed assets.

Workers : are defined to include all persons employed directly or through any agency whether for wages or not and engaged in any manufacturing process or in cleaning any part of the machinery or premise used for manufacturing process or in any other kind of work incidental to or connected with the manufacturing process or the subject of the manufacturing process. Labour engaged in the repair and maintenance or production of fixed assets for factories own use or labour employed for generating electricity or producing coal, gas are included. However, persons holding positions of supervision or management, or employed in administrative office, store keeping section and welfare section, sales department as also those engaged in the purchase of raw materials etc. and in production of the fixed assets for the factory and watch and ward staff, are excluded."

Total Persons Engaged: relates to all persons engaged by the factory whether for wages or not, in work connected directly or indirectly with the manufacturing process and include all administrative, technical, clerical staff as also labour engaged in production of capital assets for factory's own use. This is inclusive of persons holding supervisory or managerial positions or engaged in administrative office,

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Store keeping section and welfare section, sales department as also those engaged in the purchase of raw materials etc. and the production of fixed assets for the factory and watch and ward staff. It also includes all working proprietors and their family members who are actively engaged in the work of the factory even without any pay and the unpaid members of the co-operative societies who worked in or for the factory in any direct and productive capacity.

The number of workers or employees is an average number, obtained by dividing man days worked defined later by the number of days the factory had worked during the reference year. In case of factories where only repair, maintenance or construction activities are carried, the average is calculated by dividing the man days worked by the number of days, repair and maintenance/constructions work was carried on.

Mandays: represents the total number of mandays worked and not man days paid for by the factory during the accounting year. It is obtained by summing-up the number of persons of specified categories attending in each shift over all the shifts worked on all days (working and non-working).

Wages : are defined to include all remunerations capable of being expressed in monetary terms and also payable more or less regularly in each pay period to workers, defined above as compensation for work done during the accounting year. It includes a) direct wages and salary (ie. basic wages/salaries, payment of overtime, dearness, compensatory, house rents and other allowances), (b) remuneration for period not worked (i.e. basic wages, salaries and allowances payable for leave period, paid holiday, lay-off payments and compensation for unemployment, if not paid from sources other than employers), (c) bonuses and ex-gratia payments paid both at regular and at less frequent intervals (ie. incentives bonuses, good attendance bonuses, productive bonuses, profit sharing bonuses, festival or year end bonuses etc.). It excludes lay-off payments which are made from trust or other social funds set up expressly for this purpose i.e. payments not made by the employer. It also excludes imputed value of the benefits in kind, employer's contribution to the old-age benefits and other social security charges, direct expenditure on maternity benefits and crèches and other group benefits. Traveling and other expenditure incurred for the business purposes and re-imbursed by the employer are excluded. The wages are expressed in terms of gross value i.e. before deduction for fines, damages, taxes, provident funds, employee's state insurance contribution etc.

Total Emoluments: are defined in the same way as wages defined above but paid to all employees plus plus imputed value of benefits in kind i.e. the net cost to the employer on those goods and services provided to employees free of charge or at markedly reduced cost which are clearly and primarily of benefits to the employees as consumers.

Contribution to Provident and Other Funds: includes old age benefits like provident fund, pension, gratuity etc. and employer's contribution towards other social security charges such as employee's state insurance, compensation for work injuries, occupational diseases, provident fund linked insurance, retrenchment and lay-off benefits.

Workmen and staff welfare expenses include group benefits like direct expenditure on maternity, crèches, canteen facilities; educational, cultural and recreational facilities and grants to trade unions, co-operative stores etc. meant for employees.

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Old Age Benefits: relate to employer's contribution to old age benefits like provident fund, pension, gratuity etc.

Social Security Charges: include employer's contribution towards other social security charges such as employee's state insurance, compensation for work injuries, occupational diseases, maternity benefits, retrenchment and lay-off benefits etc.

Other benefits: consist of direct expenditure on maternity, crèches, canteen facilities, educational, cultural and recreational facilities and grant to trade unions, co-operative stores etc., meant for employees.

Fuels Consumed: represent total purchase value of all items of fuels, lubricants, electricity, water etc. consumed by the factory during the accounting year including gasoline and other fuels for vehicles except those which directly enter into products as materials consumed. It excludes that part of fuels which is produced and consumed by the factory in manufacture i.e., all intermediate products and also fuels consumed by employees as part of amenities. It includes quantities acquired and consumed from allied concerns, their book value being taken as their purchase value and also the quantities consumed in production of machinery or other capital items for factory's own use.

Materials Consumed: represents the total delivered value of all items of raw materials, components, chemicals, packing materials and stores which actually entered into the production process of the factory during the accounting year. It also includes the cost of all materials used in the production of fixed assets including construction work for factory's own use. It, however, excludes all intermediate products consumed during the accounting year (Intermediate products in the above context mean all those products which are produced by the factory but are subject to further manufacturing process).

Total Input: comprises total value of fuels, materials consumed as defined above as well as expenditures such as (a) cost of contract and commission work done by others on materials supplied by the factory (b) cost of materials consumed for repair and maintenance of factory's fixed assets including cost of repairs and maintenance work done by others to the factory's fixed assets; (c) inward freight and transport charges, rates and taxes excluding income taxes; postage; telephones and telex expenses; insurance charges; banking charges; and cost of printing and stationary etc.

Products: Include the ex-factory value (i.e. exclusive of taxes, duties etc. on sale and inclusive of subsidies etc., if any) of all products and by-products excluding intermediate products that have been completed during the accounting year for sale whether actually sold during the accounting year or not. Also include fixed assets produced by the factory for its use. It also includes the net value of change in the stock of semi-finished goods representing the excess of change in the stock of semi-finished goods at the end of accounting year that at the beginning of the year.

Semi-Finished Goods: refer to the imputed value of all materials which have been partially processed by the factory but which are not usually sold without further processing. It includes the work in progress on account of others, but excludes the value of semi-finished fixed assets produced for factory's own use.

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Gross Output: is defined to include the ex-factory value of products and by-products manufactured (as defined above) during the accounting year. It also includes the receipt for non-industrial services rendered to others, the receipt for work done for others on materials supplied by them, value of electricity sold and net balance of goods sold in the same condition as purchased. The term Gross output, value of output and total output have been used in the text interchangeably to mean the same thing.

Net Value Added: is the increment to the value of goods and services that is contributed by the factory and is obtained by deducting the value of total inputs and depreciations from value of output.

Rent Paid: represents the amount of royalty paid in the nature of rent for the use of the fixed assets in the factory.

Interest Paid: includes all interest paid on factory account on loans, whether short term or long term, irrespective of duration and the nature of agencies from which the loan was taken. Interest paid to partners and proprietors on capital or loan are excluded.

Net Fixed Capital Formation: represents the excess of net fixed capital at the end of accounting year over that at the beginning of the year.

Gross Fixed Capital Formation: is obtained by adding depreciation to net fixed capital formation as mentioned above.

Table 9.3

Presents data on Mill Production of Cotton Yarn by Weight state wise.

Table 9.4

Presents cotton cloth production data by length/area distinguishing it according to the category of cloth namely coarse, medium, fine, etc. The data regarding total cloth produced by the decentralized sector of the cotton textile industry have also been shown in this table. Collection of category wise details of cotton cloths is discontinued from 1996-97.

Table 9.5

Presents data (2004-05) regarding man-made fiber fabrics refers to production by mill (including weaving unit), handloom, power looms and hosiery sectors. Man-made fiber fabrics comprise art silk, synthetic fabrics and staple fiber fabrics.

Table 9.6

This table presents data on production of selected items in India. The data are based on the monthly production data obtained from different Administrative Departments/ Ministries for preparation of All India Index of Industrial Production, which may not necessarily be the total production of the respective items in the country.

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Table 9.7

This table presents the index numbers of industrial production with base 1993-94=100. The first index called the Interim Index of Industrial Production with 1946 as the base, covered 35 items. It was revised to base year 1951, increasing the number of items to 88 and was published in October, 1955. This was again revised and published in July 1962 after shifting the base to 1956 and covering 201 items. The index was subsequently revised to base 1960=100. The monthly index of this series was based on 312 items and the annual index was based on 436 items. These index numbers were published in July-August, 1967 (Supplement) of Monthly Statistics of Production of Selected Industries. This index has been further revised to base 1970=100. These index numbers have been published in March 1975, issue of Monthly Statistics of Production of Selected Industries. Again the Index has been revised with 1993-94 as base year was released for the first time May, 1998 and published in MAS May-June 1998 issue.

The index is a simple weighted arithmetic mean of production relatives, the weights being proportional to gross value of output as available from ASI-1993-94 factory sector. At the industry indicator levels, the weights were allocated in proportion to their gross value of output. The index is calculated by the formula:

$$I = \frac{\sum R_i W_i}{\sum W_i}$$

Where I is the index, R_i is the production relative for the item 'i' for the month in question and with weight allotted to it. The index has been revised from time to time to reflect adequately the industrial growth by shifting the comparison base to a recent period by covering larger number of items and industries and by improving, as far as practicable, the technique of construction.

The table present Annual Averages of IIP at one and two digit codes of industries.

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Table 9.1(A) ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES
(Value in Rs. Ten Million, others in number)

Year/State U.T.	Number of Factories	Fixed Capital	Working Capital	Productive Capital	Invested Capital	Number of Workers
1	2	3	4	5	6	7
1990-91	110179	133648	42520	176168	194913	6307143
1995-96	134571	348468	107663	456131	489969	7632297
1996-97	132678	380042	171655	551697	522149	7208133
1997-98	136012	423082	154617	577699	576826	7652254
1998-99	131706	391151	102740	493892	537068	6364464
1999-00	131558	401865	103784	505649	566634	6280659
2000-01	131268	399604	105208	504813	571799	6135238
2001-02	128549	431960	100406	532366	605913	5957848
2002-03	127957	444759	100121	544880	637473	6161493
2003-04	129074	473331	119231	592562	679598	6086908
2003-04						
State:						
Andhra Pradesh	14802	34216	7379	41595	48207	722710
Arunachal Pradesh	..	..	..	*	..	..
Assam	1570	6696	1946	8642	9321	95936
Bihar	1460	3033	1378	4410	5172	46785
Chhattisgarh	1295	8485	2019	10504	11897	71604
Goa	549	3739	804	4543	5498	25012
Gujarat	12795	85789	18678	104466	115027	538080
Haryana	4265	15134	6150	21284	24113	234824
Himachal Pradesh	530	5714	1571	7285	6979	27636
Jammu & Kashmir	342	382	187	569	666	21993
Jharkhand	1447	16278	-106	16172	20028	111073
Karnataka	7067	35429	6480	41909	47378	388217
Kerala	5491	6930	2332	9261	11119	272433
Madhya Pradesh	2982	13854	3775	17628	20440	160976
Maharashtra	17474	83472	18222	101694	124019	773976
Manipur	45	6	2	440	8	1090
Meghalaya	47	107	76	*	157	1773
Nagaland	120	28	28	*	64	2356
Orissa	1678	16115	910	17025	19632	98430
Punjab	6853	9256	7666	16923	16605	264597
Rajasthan	5452	14012	4272	18284	19549	191589
Tamil Nadu	20246	46421	13201	59622	68330	947590
Tripura	269	50	63	*	118	13105
Uttaranchal	679	2182	895	3076	4170	27592
Uttar Pradesh	9237	29926	8287	38213	47614	439267
West Bengal	5942	24090	1489	25580	33131	408938
Union Territory:						
A & N. Island	21	86	-7	*	90	201
Chandigarh	263	312	230	541	506	5561
Dadra & N Haveli	960	4764	3621	8385	7233	38073
Daman & Diu	1386	2422	2977	5399	4353	44755
Delhi	3197	2105	3166	5271	4790	79416
Lakshadweep	*
Pondicherry	610	2301	1539	3840	3385	31319

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Table 9.1(A) ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES-Contd.
(Value in Rs. Ten Million, others in number)

Year/State U.T.	Total Persons Engaged	Wages to Workers	Total Emoluments	Fuels Consumed	Materials Consumed	Total Inputs
1	8	9	10	11	12	13
1990-91	8279403	13192	20586	20900	166943	208986
1995-96	10222169	27970	45116	48509	410379	507491
1996-97	9536263	28481	46386	54558	408186	556817
1997-98	10073485	31864	52371	60583	458423	638099
1998-99	8588581	26529	44626	46260	444480	610044
1999-00	8172836	28106	47844	55198	525168	709365
2000-01	7987780	29348	50719	58968	561449	748552
2001-02	7750366	29010	51060	59726	587961	779227
2002-03	7935948	29689	55158	66576	700772	916185
2003-04	7870081	30478	58337	73713	793285	1039624
2003-04						
State:						
Andhra Pradesh	864112	2385	4031	4954	51464	66004
Arunachal Pradesh	..	..	..	..	..	..
Assam	113993	306	518	697	9887	12093
Bihar	57404	171	270	712	6843	8068
Chhattisgarh	99764	482	1501	2766	9117	14387
Goa	34457	173	340	444	6895	8982
Gujarat	729310	2788	5815	10063	141120	170412
Haryana	318266	1309	2886	2294	39970	50770
Himachal Pradesh	36753	123	282	578	5155	6563
Jammu & Kashmir	26952	86	129	91	1271	1765
Jharkhand	144529	1593	2415	2584	12565	18358
Karnataka	507410	1914	4051	4016	48705	63752
Kerala	316611	960	1578	1797	21734	27058
Madhya Pradesh	214140	775	1543	3342	26436	36143
Maharashtra	1114070	5555	11760	11194	137842	188789
Manipur	1231	2	2	3	10	14
Meghalaya	2228	5	9	48	217	312
Nagaland	2802	4	6	4	71	84
Orissa	124983	622	1131	2518	9416	14081
Punjab	336397	1135	1883	3059	28459	37522
Rajasthan	245274	829	1521	3751	21384	30988
Tamil Nadu	1162594	3765	6712	7863	76273	106080
Tripura	14508	20	27	19	189	284
Uttaranchal	41561	239	469	500	4181	5515
Uttar Pradesh	569603	1963	3748	5497	59453	77754
West Bengal	515267	2410	3787	3128	32210	42264
Union Territory:						
A & N. Island	271	1	1	1	56	64
Chandigarh	8938	38	93	64	791	1223
Dadra & N Haveli	51861	155	359	536	17586	19050
Daman & Diu	59877	150	347	231	9337	11006
Delhi	115478	383	865	462	9196	13625
Lakshadweep
Pondicherry	39438	139	256	498	5454	6613

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Table 9.1(A) ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES-Contd.
(Value in Rs. Ten Million, others in number)

Year/State U.T.	Products and By-products	Total Output	Depre- ciation	Net Value Added	Rent Paid For Fixed Assets	Interest Paid
1	14	15	16	17	18	19
1990-91	252757	270564	10063	51515	885	14889
1995-96	621129	670514	23626	139397	3875	35888
1996-97	647437	741808	27521	157470	4250	39940
1997-98	716807	836336	31796	166441	4185	45607
1998-99	681027	783771	28266	145461	4091	39693
1999-00	783117	897938	33599	154974	4531	43877
2000-01	818479	926902	34729	143621	4079	41987
2001-02	849366	962457	38927	144302	3751	42218
2002-03	1001286	1130561	42036	172340	3794	38352
2003-04	1135722	1287380	44823	202933	4161	33972
2003-04						
State:						
Andhra Pradesh	72436	82608	3229	13375	287	2626
Arunachal Pradesh	..	..	..	..	..	..
Assam	15065	16306	473	3741	29	272
Bihar	8546	8877	195	614	6	96
Chhattisgarh	18410	20413	679	5346	96	592
Goa	10166	11620	350	2288	33	244
Gujarat	189379	207334	8057	28865	609	4191
Haryana	55318	61961	2048	9143	236	1124
Himachal Pradesh	8191	8708	395	1750	38	420
Jammu & Kashmir	1637	1996	44	188	2	37
Jharkhand	25626	27813	1297	8159	107	734
Karnataka	70466	80801	3205	13844	365	2681
Kerala	28448	31832	683	4091	60	536
Madhya Pradesh	37030	42744	1314	5287	100	1174
Maharashtra	202781	238293	7594	41910	814	7345
Manipur	17	18	1	3	-	-
Meghalaya	359	377	13	52	2	5
Nagaland	97	104	2	18	-	3
Orissa	17007	18501	1205	3215	81	1089
Punjab	38663	43932	1096	5314	80	963
Rajasthan	32315	37636	1475	5173	133	1082
Tamil Nadu	111688	129937	4757	19101	447	3573
Tripura	286	358	6	68	1	4
Uttaranchal	6595	7249	220	1514	7	194
Uttar Pradesh	82602	93401	2997	12649	233	2226
West Bengal	45491	52234	2067	7903	186	1834
Union Territory:						
A & N. Island	74	80	8	8	-	6
Chandigarh	978	1424	37	164	6	21
Dadra & N Haveli	21946	22360	509	2801	64	353
Daman & Diu	12803	13637	296	2335	35	218
Delhi	12849	15966	316	2024	85	206
Lakshadweep
Pondicherry	8456	8860	258	1989	21	123

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Table 9.1(A) ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES-Concltd.
(Value in Rs. Ten Million, others in number)

Year/State U.T.	Gross Fixed Capital Formation	Value of Addition In Stock			
		Total	Materials, Fuels Etc.	Semi Finished Goods	Finished Goods
I	20	21	22	23	24
1990-91	24293	8266	4006	1184	3076
1995-96	69120	21504	9974	3410	8120
1996-97	79759	13159	5289	1155	6715
1997-98	72271	9767	2259	1186	6322
1998-99	69071	3107	38	1354	1716
1999-00	48679	15987	7499	1540	6947
2000-01	46879	14536	2363	2320	9853
2001-02	70151	3722	3332	787	-397
2002-03	47454	16522	10871	2297	3355
2003-04	57534	16653	13188	1308	2156
2003-04					
State:					
Andhra Pradesh	3847	391	411	-101	82
Arunachal Pradesh	..	..	..	..	..
Assam	1091	653	233	76	344
Bihar	-13	34	52	6	-23
Chhattisgarh	1585	1099	967	28	104
Goa	518	165	141	5	19
Gujarat	7467	1915	1809	337	-231
Haryana	2027	938	572	213	153
Himachal Pradesh	1120	12	-13	65	-40
Jammu & Kashmir	53	-10	-5	1	-6
Jharkhand	1360	273	260	69	-56
Karnataka	2845	323	842	-516	-3
Kerala	565	280	244	-33	69
Madhya Pradesh	1382	924	634	122	168
Maharashtra	13528	1258	2237	143	-1122
Manipur	1	0	-	-	-
Meghalaya	15	11	7	2	3
Nagaland	2	5	7	-	-1
Orissa	763	175	226	-11	-40
Punjab	1197	436	181	157	98
Rajasthan	1681	609	317	68	225
Tamil Nadu	8077	2913	2129	315	469
Tripura	5	18	16	-	2
Uttaranchal	315	272	74	58	141
Uttar Pradesh	4960	2460	725	96	1639
West Bengal	1053	468	393	12	63
Union Territory:					
A & N. Island	2	-4	-	-3	-2
Chandigarh	54	21	10	4	7
Dadra & N Haveli	659	463	328	120	15
Daman & Diu	489	319	192	69	58
Delhi	404	74	54	9	11
Lakshadweep
Pondicherry	483	156	145	-2	13

Source : Central Statistical Organisation

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Table 9.1(B) ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES
(Value in Rs. Ten Million, others in number)

Year/State U.T.	Number of Factories	Fixed Capital	Working Capital	Productive Capital	Invested Capital	Number of Workers
1	2	3	4	5	6	7
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1996-97	132678	380042	171655	551697	522149	7208133
1997-98	136012	423082	154617	577699	576826	7652254
1998-99	131706	391151	102740	493892	537068	6364464
1999-00	131558	401865	103784	505649	566634	6280659
2000-01	131268	399604	105208	504813	571799	6135238
2001-02	128549	431960	100406	532366	605913	5957848
2002-03	127957	444759	100121	544880	637473	6161493
2003-04	129074	473331	119231	592562	679598	6086908
2004-05	136353	512346	160054	672399	758694	6599298
2004-05						
State:						
Andhra Pradesh	15572	35266	9259	44525	52000	784013
Arunachal Pradesh	..	..	..	..	..	..
Assam	1710	7030	2043	9073	10226	101265
Bihar	1674	2968	2282	5250	5957	51430
Chhattisgarh	1343	12273	3180	15453	16038	77910
Goa	518	4157	1310	5467	6222	28419
Gujarat	13603	86414	21909	108323	122578	606847
Haryana	4339	16624	6376	23000	26492	268557
Himachal Pradesh	653	5948	1814	7761	7414	33750
Jammu & Kashmir	424	784	447	1231	1304	24557
Jharkhand	1607	16205	7934	24139	20958	117466
Karnataka	7596	38362	8482	46844	53757	431196
Kerala	5493	7399	3395	10793	12612	274486
Madhya Pradesh	3028	17464	6516	23980	24453	163843
Maharashtra	18912	96168	24212	120381	143684	814599
Manipur	55	9	6	14	13	1607
Meghalaya	58	147	161	308	217	2405
Nagaland	113	27	36	63	65	2332
Orissa	1749	16034	1262	17296	19915	116706
Punjab	7575	10704	6901	17606	19243	309820
Rajasthan	5740	14768	5618	20386	21192	207625
Tamil Nadu	21053	51016	13601	64617	77026	1046788
Tripura	275	61	101	161	149	13818
Uttaranchal	752	2877	1180	4057	5296	35349
Uttar Pradesh	9582	31530	12045	43575	51608	453007
West Bengal	6105	24562	6514	31077	36210	417996
Union Territory:						
A & N. Island	21	77	2	79	81	150
Chandigarh	287	385	305	690	621	6341
Dadra & N Haveli	1059	6318	4980	11298	10240	42158
Daman & Diu	1681	2445	3401	5847	4676	51641
Delhi	3156	2352	2910	5262	5295	80923
Lakshadweep
Pondicherry	619	1970	1872	3842	3151	32295

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Table 9.1(B) ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES-Contd.
(Value in Rs. Ten Million, others in number)

Year/State U.T.	Total Persons Engaged	Wages to Workers	Total Emoluments	Fuels Consumed	Materials Consumed	Total Inputs
1	8	9	10	11	12	13
1990-91	8279403	13192	20586	20900	166943	208986
1995-96	10222169	27970	45116	48509	410379	507491
1996-97	9536263	28481	46386	54558	408186	556817
1997-98	10073485	31864	52371	60583	458423	638099
1998-99	8588581	26529	44626	46260	444480	610044
1999-00	8172836	28106	47844	55198	525168	709365
2000-01	7987780	29348	50719	58968	561449	748552
2001-02	7750366	29010	51060	59726	587961	779227
2002-03	7935948	29689	55158	66576	700772	916185
2003-04	7870081	30478	58337	73713	793285	1039624
2004-05	8453624	33635	64408	85854	1024347	1362942
2004-05						
State:						
Andhra Pradesh	933473	2714	4575	5911	63805	82714
Arunachal Pradesh	..	..	..	..	..	..
Assam	119548	336	561	832	12997	17820
Bihar	61775	181	284	782	9867	11068
Chhattisgarh	106409	524	1285	3240	12108	18311
Goa	37581	211	410	888	9349	12038
Gujarat	808618	3249	6742	12398	180442	216125
Haryana	354861	1457	3129	2530	51013	61809
Himachal Pradesh	44287	151	330	678	5087	6542
Jammu & Kashmir	31090	98	189	145	2578	3314
Jharkhand	152530	1251	1973	2745	13920	19625
Karnataka	553457	2322	4682	4910	64975	84782
Kerala	317834	1057	1696	2008	26376	31290
Madhya Pradesh	216563	842	1700	3708	27815	40035
Maharashtra	1162346	6142	13242	12451	197611	298488
Manipur	1835	3	4	4	21	28
Meghalaya	3037	13	23	58	340	460
Nagaland	2821	5	7	5	74	88
Orissa	145747	701	1262	2792	10730	15899
Punjab	391081	1305	2152	3448	35781	46055
Rajasthan	268437	950	1733	4284	25326	36820
Tamil Nadu	1268335	4237	7497	9139	97222	132569
Tripura	15392	21	29	22	276	378
Uttaranchal	51762	281	540	641	6101	7862
Uttar Pradesh	587702	2094	4152	6181	69225	91448
West Bengal	517939	2556	3956	3966	44989	59733
Union Territory:						
A & N. Island	251	1	1	1	50	55
Chandigarh	9972	41	107	54	1132	1716
Dadra & N Haveli	58306	180	463	790	29653	31925
Daman & Diu	68812	180	454	270	10205	12097
Delhi	121128	388	956	519	9327	14717
Lakshadweep
Pondicherry	40695	144	274	457	5954	7132

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Table 9.1(B) ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES-Contd.
(Value in Rs. Ten Million, others in number)

Year/State U.T.	Products and By-products	Total Output	Depre- ciation	Net Value Added	Rent Paid For Fixed Assets	Interest Paid
1	14	15	16	17	18	19
1990-91	252757	270564	10063	51515	885	14889
1995-96	621129	670514	23626	139397	3875	35888
1996-97	647437	741808	27521	157470	4250	39940
1997-98	716807	836336	31796	166441	4185	45607
1998-99	681027	783771	28266	145461	4091	39693
1999-00	783117	897938	33599	154974	4531	43877
2000-01	818479	926902	34729	143621	4079	41987
2001-02	849366	962457	38927	144302	3751	42218
2002-03	1001286	1130561	42036	172340	3794	38352
2003-04	1135722	1287380	44823	202933	4161	33972
2004-05	1445203	1672561	49713	259907	4538	32454
2004-05						
State:						
Andhra Pradesh	89011	102385	3733	15938	387	2469
Arunachal Pradesh	..	..	..	..	..	..
Assam	19915	22050	509	3721	24	222
Bihar	12050	12222	244	910	9	459
Chhattisgarh	25126	27800	784	8705	79	450
Goa	13914	15423	414	2971	40	222
Gujarat	239042	260749	8608	36016	674	3882
Haryana	69630	75719	2215	11696	295	1123
Himachal Pradesh	8686	9174	447	2185	31	372
Jammu & Kashmir	3438	3963	74	576	5	53
Jharkhand	34939	37582	1179	16778	45	674
Karnataka	94912	108846	3533	20532	443	2603
Kerala	33518	36120	763	4066	57	576
Madhya Pradesh	39024	46969	1380	5554	88	1029
Maharashtra	275944	358880	9082	51309	882	6770
Manipur	33	35	1	6	0	1
Meghalaya	538	568	16	92	2	6
Nagaland	104	110	2	20	0	3
Orissa	21667	23294	1349	6045	77	931
Punjab	47190	53046	1183	5807	92	927
Rajasthan	38194	44882	1479	6583	139	993
Tamil Nadu	138208	159507	5371	21567	424	3513
Tripura	494	616	7	231	2	5
Uttaranchal	9146	10073	264	1948	11	213
Uttar Pradesh	95552	109139	3393	14298	292	1975
West Bengal	61529	72423	2141	10549	176	2158
Union Territory:						
A & N. Island	64	66	7	4	0	5
Chandigarh	1360	1971	47	208	5	33
Dadra & N Haveli	36442	37435	613	4897	70	285
Daman & Diu	14110	15157	314	2746	71	185
Delhi	13160	17512	364	2431	99	200
Lakshadweep
Pondicherry	8263	8846	196	1518	20	119

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Table 9.1(B) ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES-Concl'd.
(Value in Rs. Ten Million, others in number)

Year/State U.T.	Gross Fixed Capital Formation	Value of Addition In Stock			Finished Goods
		Total	Materials, Fuels Etc.	Semi Finished Goods	
1	20	21	22	23	24
1990-91	24293	8266	4006	1184	3076
1995-96	69120	21504	9974	3410	8120
1996-97	79759	13159	5289	1155	6715
1997-98	72271	9767	2259	1186	6322
1998-99	69071	3107	38	1354	1716
1999-00	48679	15987	7499	1540	6947
2000-01	46879	14536	2363	2320	9853
2001-02	70151	3722	3332	787	-397
2002-03	47454	16522	10871	2297	3355
2003-04	57534	16653	13188	1308	2156
2004-05	74590	34822	23775	6420	4627
2004-05					
State:					
Andhra Pradesh	4439	2441	1473	245	723
Arunachal Pradesh	..	..	..	..	..
Assam	692	511	276	92	143
Bihar	112	906	735	44	127
Chhattisgarh	4006	-192	-314	29	93
Goa	438	270	265	9	-4
Gujarat	7887	5439	3593	687	1159
Haryana	3660	1273	745	243	285
Himachal Pradesh	607	116	56	26	34
Jammu & Kashmir	265	192	117	17	58
Jharkhand	2332	1234	834	45	355
Karnataka	6074	3233	2499	334	400
Kerala	992	1232	749	231	252
Madhya Pradesh	2637	307	130	78	99
Maharashtra	13709	4469	4251	1563	-1345
Manipur	0	2	2	0	0
Meghalaya	12	3	1	-3	5
Nagaland	3	0	1	0	-1
Orissa	1979	415	490	61	-136
Punjab	2155	730	484	259	-13
Rajasthan	2208	739	323	226	190
Tamil Nadu	9876	4705	2911	932	862
Tripura	12	19	-3	18	4
Uttaranchal	777	404	243	190	-29
Uttar Pradesh	5136	2629	1466	374	789
West Bengal	2221	1887	1321	134	432
Union Territory:					
A & N. Island	1	0	0	0	0
Chandigarh	73	26	26	2	-2
Dadra & N Haveli	962	560	316	337	-93
Daman & Diu	455	576	319	166	91
Delhi	534	460	313	68	79
Lakshadweep	..	..	..	..	..
Pondicherry	331	239	155	14	70

Source : Central Statistical Organisation

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Table 9.2 (A) Annual Survey of Industries (Factory Sector) : 2003-04
(Selected characteristics by Industry group)
(Value in Rs. Ten Million, others in number)

Industry Code	Industry Group	Industry description	No of factories	Productive capital	Employee	Gross output	Net value added
1	2	3	4	5	6	7	8
0140	14	Agricultural and animal husbandry service activities, except veterinary activities.	2868	142690	91979	963431	32915
1422	142	Extraction of salt.	116	13080	9231	11493	4146
1511		Production, processing and preserving of meat and meat products.	55	90192	10205	160823	12106
1512		Processing and preserving of fish and fish products	314	115032	32426	540122	34706
1513		Processing and preserving of fruit and vegetables	500	107662	29323	147708	27162
1514		Manufacture of vegetable and animal oils and fats	2483	531312	80412	4839027	171819
	151	Production, processing and preservation of meat, fish, fruit vegetables, oils and fats.	3352	844197	152366	5687680	245794
1520	152	Manufacture of dairy product	912	304172	82707	2151018	214341
1531		Manufacture of grain mill products	11567	769003	256806	3543677	176176
1532		Manufacture of starches and starch products	706	97877	18366	136375	15714
1533		Manufacture of prepared animal feeds	468	95475	20837	587446	48423
	153	Manufacture of grain mill products, starches and starch products, and prepared animal feeds	12741	962355	296009	4267499	240313
1541		Manufacture of bakery products	900	104496	39029	445722	61605
1542		Manufacture of sugar	877	1390164	274465	2339383	288028
1543		Manufacture of cocoa, chocolate and sugar confectionery	252	75646	11974	198037	51882
1544		Manufacture of macaroni, noodles, conscious and similar farinaceous products	41	7950	1081	14700	4144
1549		Manufacture of other food products n.e.c.	3686	523180	347967	1546562	205417
	154	Manufacture of other food products	5757	2101437	674517	4544405	611076
1551		Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials	237	191420	27337	393215	68644
1552		Manufacture of wines	63	80364	8519	139592	35655
1553		Manufacture of malt liquors and malt	113	181853	20731	307394	54532
1554		Manufacture of soft drinks; production of mineral waters	665	799307	34887	541734	123039
	155	Manufacture of beverages	1078	1252944	91474	1381935	281871
1600	160	Manufacture of tobacco products	3078	314844	478898	1207516	481146
1711		Preparation and spinning of textile fiber including weaving of textiles.	6194	3651745	803913	6658734	836865
1712		Finishing of textile.	2882	704059	163758	1241659	164756
	171	Spinning, weaving and finishing of textiles	9076	4355803	967671	7900393	1001621
1721		Manufacture of made-up textile articles, except apparel	442	120947	33257	342167	45124
1722		Manufacture of carpet and rugs	471	117620	24712	241784	33320
1723		Manufacture of cordage, rope, twine and netting	565	60983	26946	123758	23303
1729		Manufacture of other textiles n.e.c.	410	123356	20449	230180	37367
	172	Manufacture of other textiles	1888	422905	105364	937890	139115
1730	173	Manufacture of knitted and crocheted fabrics and articles	2071	313075	137349	871996	125184
1810	181	Manufacture of wearing apparel, except fur apparel	3173	668708	378542	1706769	330072
1820	182	Dressing and dyeing of fur; manufacture of articles of fur	17	1781	595	13899	964
1911		Tanning and dressing of leather	869	106196	35611	404461	26178
1912		Manufacture of luggage, handbags, and the like, saddlery and harness	296	64439	14863	155136	18405
	191	Tanning and dressing of leather, manufacture of luggage handbags, saddlery & harness	1165	170635	50474	559597	44583
1920	192	Manufacture of footwear.	1172	208957	95490	583416	92671
2010	201	Saw milling and planing of wood	1275	15756	10090	52301	4173
2021		Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards	1170	116716	29313	260368	29269

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Table 9.2(A) Annual Survey of Industries (Factory Sector) : 2003-04-contd.
(Selected characteristics by Industry group)
(Value in Rs. Ten Million, others in number)

Industry Code	Industry Group	Industry description	No of factories	Productive capital	Employee	Gross output	Net value added
1	2	3	4	5	6	7	8
2022		Manufacture of builders' carpentry and joinery	127	9934	3486	15442	1979
2023		Manufacture of wooden containers	235	4824	2847	13491	1890
2029		Manufacture of other products of wood, manufacture of articles of cork, straw and plaiting materials	236	6878	4476	19994	4106
	202	Manufacture of products of wood, cork, straw and plating materials	1768	138351	40121	309295	37245
2101		Manufacture of pulp, paper and paper board	965	1212401	110056	1539561	255631
2102		Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	2108	174717	50556	410518	64683
2109		Manufacture of other articles of paper and paperboard	505	49232	14280	103317	11791
	210	Manufacture of paper and paper products	3579	1436350	174892	2053396	332106
2211		Publishing of books, brochures, musical books and other publications.	124	26785	5781	59098	11285
2212		Publishing of newspapers, journals and periodicals					
2213		Publishing of recorded media	376	287335	42371	599490	197307
2219		Other publishing	70	12183	2989	20366	3559
	221	Publishing	570	326303	51141	678954	212151
2221		Printing	2257	214944	57206	384178	81442
2222		Service activities related to printing	137	6304	2604	9482	2156
	222	Printing and service activities related to printing	2393	221248	59809	393661	83598
2230		223 Reproduction of recorded media	43	25541	2024	31818	5129
2310		231 Manufacture of coke oven products	449	217914	25900	568917	67145
2320		232 Manufacture of refined petroleum products	469	6489395	48171	17277783	2365921
2330		233 Processing of nuclear fuel	0	0	0	0	0
2411		Manufacture of basic chemicals except fertilizers and nitrogen compounds	1945	2095972	110742	2658745	438936
2412		Manufacture of fertilizers and nitrogen compounds	411	2078633	58571	3139481	388553
2413		Manufacture of plastics in primary forms and of synthetic rubber.	237	1847705	28326	3252929	588337
	241	Manufacture of basic chemicals	2594	6022310	197639	9051155	1415826
2421		Manufacture of pesticides and other agro chemical products	390	367572	30832	750354	188795
2422		Printing ink and mastics	904	275034	34320	777737	139392
2423		Manufacture of pharmaceuticals, medicinal chemicals and botanical products	2874	2287755	240791	4153345	1091105
2424		Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	1090	342290	64575	1310137	327380
2429		Manufacture of other chemical product n.e.c.	2316	668830	146324	1320122	284335
	242	Manufacture of other chemical products	7574	3941480	516841	8311694	2031008
2430		243 Manufacture of man-made fibers	58	339557	25961	640228	134358
2511		Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres	602	488488	61688	1203010	228314
2519		Manufacture of other rubber products	1391	187134	52897	429548	75940
	251	Manufacture of rubber products.	1993	675623	114585	1632558	304254
2520		252 Manufacture of plastic products	5005	1418412	164069	2497277	332958
2610		261 Manufacture of glass and glass products	546	420261	46969	452028	91710
2691		Manufacture of non-structural non-refractory ceramic ware	627	87090	25226	123013	29626
2692		Manufacture of refractory ceramic products	543	121179	26018	184273	36735
2693		Manufacture of structural non-refractory clay and ceramic products	3846	306308	140943	305810	81419
2694		Manufacture of cement, lime and plaster	884	2332741	85967	2038538	357061
2695		Manufacture of articles of concrete, cement and plaster	1246	152629	40825	335308	75561
2696		Cutting, shaping and finishing of stone	3665	170949	61226	312804	68802
2699		Manufacture of other non-metallic mineral products n.e.c.	481	175216	28200	278864	65825
	269	Manufacture of non-metallic mineral products n.e.c	11292	3346112	408405	3578610	715028

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Table 9.2 (A) Annual Survey of Industries (Factory Sector) : 2003-04-contd.
(Selected characteristics by Industry group)
(Value in Rs. Ten Million, others in number)

Industry Code	Industry Group	Industry description	No of factories	Productive capital	Employee	Gross output	Net value added
1	2	3	4	5	6	7	8
2710	271	Manufacture of Basic Iron & Steel	3315	7092577	364801	11927154	2226869
2720	272	Manufacture of basic precious and non-ferrous metals	1084	1869110	73249	3061365	451910
2731		Casting of iron and steel	1869	361484	90388	813057	117885
2732		Casting of non-ferrous metals	254	40681	10976	101628	14282
	273	Casting of metals	2123	402165	101365	914685	132166
2811		Manufacture of structural metal products	1095	131766	41343	473878	71568
2812		Manufacture of tanks, reservoirs and containers of metal	914	113079	27326	231651	29900
2813		Manufacture of steam generators, except central heating hot water boilers	258	65141	21606	298377	83199
	281	Manufacture of structural metal products, tanks, reservoir and steam generators	2267	309985	90275	1003906	184667
2891		Forging, pressing, stamping and roll-forming of metal; powder metallurgy	501	216631	29522	544286	84663
2892		Treatment and coating of metals; general mechanical engineering on a fee or contract basis	755	40280	14111	98593	22772
2893		Manufacture of cutlery, hand tools and general hardware	1816	200496	52567	414036	87342
2899		Manufacture of other fabricated metal products n.e.c.	2711	377582	95989	980792	124948
	289	Manufacture of other fabricated metal products, metal working service activities	5784	834989	192189	2037708	319726
2911		Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	434	191024	25921	463165	113419
2912		Manufacture of pumps, compressors, taps and valves	1192	299132	61189	792257	166435
2913		Manufacture of bearings, gears, gearing and driving elements	537	236285	34516	387619	96121
2914		Manufacture of ovens, furnaces and furnace burners	82	11695	2795	39011	8844
2915		Manufacture of lifting and handling equipment	274	42792	13462	258110	57836
2919		Manufacture of other general purpose machinery	1240	236242	53134	651576	115904
	291	Manufacture of general purpose machinery	3759	1017171	191017	2591738	558559
2921		Manufacture of agricultural and forestry machinery	860	327877	39561	620294	100052
2922		Manufacture of machine-tools	571	69140	17697	145037	37653
2923		Manufacture of machinery for metallurgy: converters, ingot moulds, ladles and casting machines; metal rolling mills and rolls for such mills.	65	16918	2210	56516	6187
2924		Manufacture of machinery for mining, quarrying and construction	382	149519	24193	421890	89397
2925		Manufacture of machinery for food, beverage and tobacco processing	499	73321	19514	193057	38276
2926		Manufacture of machinery for textile, apparel and leather production	811	142255	27922	303496	60494
2927		Manufacture of weapons and ammunition	80	8664	3681	12690	3971
2929		Manufacture of other special purpose machinery	1162	198827	42501	607991	131853
	292	Manufacture of special purpose machinery	4429	986522	177279	2360971	467883
2930		293 Manufacture of domestic appliances, n.e.c.	662	240003	29650	518872	60074
3000		300 Manufacture of office, accounting and computing machinery	180	557221	21310	682484	161196
3110		311 Manufacture of electric motors, generators and transformers	1085	488170	67344	1387493	303706
3120		312 Manufacture of electricity distribution and control apparatus for a voltage exceeding 1000 volts	916	256417	51752	634570	145547
3130		313 Manufacture of insulated wire and cable	652	313168	34037	763193	53441
3140		314 Manufacture of accumulators, primary cells and primary batteries	239	144361	19550	275511	65180
3150		315 Manufacture of electric lamps and lighting equipment	403	107510	21102	216524	42672
3190		319 Manufacture of other electrical equipment n.e.c.	572	108079	24305	241814	43276
3210		321 Manufacture of electronic valves and tubes and other electronic components	525	381002	47197	680468	154731

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Table 9.2 (A) Annual Survey of Industries (Factory Sector) : 2003-04-concl.
(Selected characteristics by Industry group)
(Value in Rs. Ten Million, others in number)

Industry Code	Industry Group	Industry description	No of factories	Productive capital	Employee	Gross output	Net value added
1	2	3	4	5	6	7	8
3220	322	Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy	239	267989	24297	432725	62583
3230	323	Manufacture of television and radio receivers, sound or video recording apparatus, and associated goods	233	766530	29086	1725831	148979
3311		Manufacture of medical and surgical equipment and orthopedic appliances	315	151170	21019	365971	89517
3312		Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes except industrial process control equipment	320	85983	17948	184837	42347
3313		Manufacture of industrial process control equipment	127	65828	9029	153181	40265
	331	Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes except optical instruments	762	302982	47995	703989	172128
3320	332	Manufacture of optical instruments and photographic equipment	109	35595	5682	58636	15556
3330	333	Manufacture of watches and clocks	137	45956	11051	111175	20692
3410	341	Manufacture of motor vehicles	104	1046191	72135	4064564	615794
3420	342	Manufacture of bodies (coach work) for motor vehicles; manufacture of trailers and semi-trailers	311	64036	19292	122276	15359
3430	343	Manufacture of parts and accessories for motor vehicles and their engines	2342	1231151	194239	2837548	569013
3511		Building and repairing of ships	153	-18855	25081	248830	31870
3512		Building and repairing of pleasure and sporting boats	12	1118	384	4013	361
	351	Building and repair of ships and boats	165	-17737	25465	252843	32231
3520	352	Manufacture of railway and tramway locomotives and rolling stock	257	59202	20330	181958	43805
3530	353	Manufacture of aircraft and spacecraft	41	47554	4295	45727	20166
3591		Manufacture of motorcycles	617	585136	85869	2292628	486203
3592		Manufacture of bicycles and invalid carriages	534	130619	31321	387001	36711
3599		Manufacture of other transport equipment n.e.c.	110	28476	7011	75879	14346
	359	Manufacture of transport equipment n.e.c	1260	744229	124201	2755508	537260
3610	361	Manufacture of furniture	695	147632	26149	312412	51597
3691		Manufacture of jewellery and related articles	566	411642	71715	1691943	143177
3692		Manufacture of musical instruments	20	1539	394	1246	401
3693		Manufacture of sports goods	133	18212	7514	45941	7902
3694		Manufacture of games and toys	104	20551	8365	56816	12877
3699		Other manufacturing n.e.c.	681	162543	33545	348297	56340
	369	Manufacturing n.e.c	1503	614488	121533	2144245	220697
3710	371	Recycling of metal waste and scrap	17	2844	730	26778	921
3720	372	Electricity, gas and water supply	31	1621	721	9017	1337
	9888	Others	4796	1675328	137173	3335702	415133
All			129074	59256241	7870081	128738002	20293276

Source : Central Statistical Organisation

INDUSTRY

Table 9.2 (B) Annual Survey of Industries (Factory Sector) : 2004-05
(Selected characteristics by Industry group)
(Value in Rs. Ten Million, others in number)

Industry Code	Industry Group	Industry description	No of factories	Productive capital	Employee	Gross output	Net value added
1	2	3	4	5	6	7	8
0140	14	Agricultural and animal husbandry service activities, except veterinary activities.	2960	149634	108080	1015647	68454
1422	142	Extraction of salt.	150	15924	12509	24559	7169
1511		Production, processing and preserving of meat and meat products.	53	116628	10546	208623	20457
1512		Processing and preserving of fish and fish products	309	173848	32240	516069	29822
1513		Processing and preserving of fruit and vegetables	588	150693	40506	206476	44291
1514		Manufacture of vegetable and animal oils and fats	2534	640228	88477	5391132	203012
	151	Production, processing and preservation of meat, fish, fruit vegetables, oils and fats.	3484	1081397	171769	6322301	297582
1520	152	Manufacture of dairy product	927	343408	83802	2385182	217167
1531		Manufacture of grain mill products	12485	942354	289950	4350070	250943
1532		Manufacture of starches and starch products	634	70914	19742	162916	17364
1533		Manufacture of prepared animal feeds	520	129192	24719	691302	44802
	153	Manufacture of grain mill products, starches and starch products, and prepared animal feeds	13639	1142461	334411	5204288	313109
1541		Manufacture of bakery products	1021	124551	45851	540223	64349
1542		Manufacture of sugar	850	1472612	244608	2437199	395686
1543		Manufacture of cocoa, chocolate and sugar confectionery	304	79168	16103	239368	57119
1544		Manufacture of macaroni, noodles, conscious and similar farinaceous products	28	6972	932	20620	10271
1549		Manufacture of other food products n.e.c.	3889	601048	349999	1813724	259574
	154	Manufacture of other food products	6093	2284353	657494	5051133	786998
1551		Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials	265	245684	29571	534057	71398
1552		Manufacture of wines	71	80576	8003	150037	29993
1553		Manufacture of malt liquors and malt	110	212986	20775	350787	62616
1554		Manufacture of soft drinks; production of mineral waters	773	447085	37100	427739	27093
	155	Manufacture of beverages	1219	986331	95449	1462621	191099
1600	160	Manufacture of tobacco products	3201	337223	473351	1233598	498661
1711		Preparation and spinning of textile fiber including weaving of textiles.	6228	4011250	802449	7419556	940489
1712		Finishing of textile.	2907	795997	185242	1446359	191939
	171	Spinning, weaving and finishing of textiles	9232	4822976	990588	8891203	1136170
1721		Manufacture of made-up textile articles, except apparel	584	235174	42181	501016	65180
1722		Manufacture of carpet and rugs	407	125369	24766	255143	35771
1723		Manufacture of cordage, rope, twine and netting	581	50532	24425	135921	21077
1729		Manufacture of other textiles n.e.c.	443	117516	21145	209571	38914
	172	Manufacture of other textiles	2028	528889	112708	1102176	161078
1730	173	Manufacture of knitted and crocheted fabrics and articles	2260	413851	161130	1114948	151425
1810	181	Manufacture of wearing apparel, except fur apparel	3386	799810	448951	2367026	445989
1820	182	Dressing and dyeing of fur; manufacture of articles of fur	11	3309	1224	7763	1000
1911		Tanning and dressing of leather	781	96438	33447	389279	29093
1912		Manufacture of luggage, handbags, and the like, saddlery and harness	288	46320	18083	154110	19756
	191	Tanning and dressing of leather, manufacture of luggage handbags, saddlery & harness	1068	142758	51530	543388	48850
1920	192	Manufacture of footwear.	1225	227453	98348	688986	86161
2010	201	Saw milling and planing of wood	1229	28280	11010	114617	3667
2021		Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards	1284	121641	29854	246901	27826

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Table 9.2 (B) Annual Survey of Industries (Factory Sector) : 2004-05-contd.
(Selected characteristics by Industry group)
(Value in Rs. Ten Million, others in number)

Industry Code	Industry Group	Industry description	No of factories	Productive capital	Employee	Gross output	Net value added
1	2	3	4	5	6	7	8
2022		Manufacture of builders' carpentry and joinery	136	7213	2770	13835	1856
2023		Manufacturing of wooden containers	216	7264	3084	28240	3170
2029		Manufacture of other products of wood, manufacture of articles of cork, straw and plaiting materials	187	6779	3901	15143	2497
	202	Manufacture of products of wood, cork, straw and plating materials	1824	142898	39609	304119	35349
2101		Manufacture of pulp, paper and paper board	892	1265317	106560	1616942	246623
2102		Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	2273	203347	55154	488482	76365
2109		Manufacture of other articles of paper and paperboard	597	78182	16396	164254	15782
	210	Manufacture of paper and paper products	3763	1546845	178110	2269677	338770
2211		Publishing of books, brochures, musical books and other publications.	122	22151	5496	92718	11781
2212		Publishing of newspapers, journals and periodicals					
2213		Publishing of recorded media	429	348838	43908	649640	181552
2219		Other publishing	76	9613	1384	12868	3642
	221	Publishing	628	380601	50789	755227	196974
2221		Printing	2269	244641	59756	484432	91041
2222		Service activities related to printing	204	6174	3085	14691	3475
	222	Printing and service activities related to printing	2473	250815	62841	499123	94517
2230		Reproduction of recorded media	34	22162	1815	39892	5740
2310		Manufacture of coke oven products	478	276780	31646	790512	174183
2320		Manufacture of refined petroleum products					
2330		Processing of nuclear fuel	512	6689643	47824	22843927	2845890
2411		Manufacture of basic chemicals except fertilizers and nitrogen compounds	2103	1922479	112000	3341137	547640
2412		Manufacture of fertilizers and nitrogen compounds	421	2129783	58288	3907154	526817
2413		Manufacture of plastics in primary forms and of synthetic rubber.	289	1768653	31410	3701930	753420
	241	Manufacture of basic chemicals	2812	5820915	201697	10950222	1827877
2421		Manufacture of pesticides and other agro chemical products	417	365660	32545	845822	198724
2422		Printing ink and mastics	909	284058	36991	869114	164649
2423		Manufacture of pharmaceuticals, medicinal chemicals and botanical products	2868	2777363	265396	4645941	1328805
2424		Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	1199	386877	67482	1470685	383667
2429		Manufacture of other chemical product n.e.c.	2459	518869	154439	1585785	279198
	242	Manufacture of other chemical products	7853	4332828	556854	9417346	2355044
2430		Manufacture of man-made fibers	82	360288	26355	723902	90661
2511		Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres	589	573994	61192	1284959	227673
2519		Manufacture of other rubber products	1384	219133	54289	543988	88861
	251	Manufacture of rubber products.	1973	793126	115481	1828947	316534
2520		Manufacture of plastic products	5252	1823317	188995	3390810	382864
2610		Manufacture of glass and glass products	567	526311	52099	597354	128489
2691		Manufacture of non-structural non-refractory ceramic ware	594	94659	25228	142606	32386
2692		Manufacture of refractory ceramic products	534	187113	30908	361113	98344
2693		Manufacture of structural non-refractory clay and ceramic products	4616	410904	184763	387793	91706
2694		Manufacture of cement, lime and plaster	855	2549512	85854	2585659	621528
2695		Manufacture of articles of concrete, cement and plaster	1368	170378	44152	356437	71373
2696		Cutting, shaping and finishing of stone	4094	259834	69610	384648	61041
2699		Manufacture of other non-metallic mineral products n.e.c.	593	231513	31816	331936	86384
	269	Manufacture of non-metallic mineral products n.e.c	12656	3903912	472330	4550191	1062762

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Table 9.2 (B) Annual Survey of Industries (Factory Sector) : 2004-05-contd.
 (Selected characteristics by Industry group)
 (Value in Rs. Ten Million, others in number)

Industry Code	Industry Group	Industry description	No of factories	Productive capital	Employee	Gross output	Net value added
1	2	3	4	5	6	7	8
2710	271	Manufacture of Basic Iron & Steel	3513	9370656	396370	18627630	3944815
2720	272	Manufacture of basic precious and non-ferrous metals	1152	2321112	79863	4690311	820172
2731		Casting of iron and steel	1818	338661	88364	1020257	138667
2732		Casting of non-ferrous metals	253	84371	12709	141913	21416
	273	Casting of metals	2072	423032	101073	1162170	160083
2811		Manufacture of structural metal products	1152	232429	50755	690501	113691
2812		Manufacture of tanks, reservoirs and containers of metal	852	117464	31591	341236	30708
2813		Manufacture of steam generators, except central heating hot water boilers	322	47829	29146	404320	84552
	281	Manufacture of structural metal products, tanks, reservoir and steam generators	2326	397722	111492	1436058	228952
2891		Forging, pressing, stamping and roll-forming of metal; powder metallurgy	602	196072	32580	580250	101604
2892		Treatment and coating of metals; general mechanical engineering on a fee or contract basis	843	69131	18210	117048	24540
2893		Manufacture of cutlery, hand tools and general hardware	1637	252615	54775	485356	91847
2899		Manufacture of other fabricated metal products n.e.c.	2731	409943	102569	1263281	156390
	289	Manufacture of other fabricated metal products, metal working service activities	5813	927760	208134	2445935	374381
2911		Manufacture of engines and turbines, except aircraft, vehicle and cycle engines	450	191006	28939	610862	146531
2912		Manufacture of pumps, compressors, taps and valves	1071	283460	55327	804103	164321
2913		Manufacture of bearings, gears, gearing and driving elements	621	283126	39869	543848	138138
2914		Manufacture of ovens, furnaces and furnace burners	102	16282	4069	110389	21515
2915		Manufacture of lifting and handling equipment	353	57127	16706	201295	19020
2919		Manufacture of other general purpose machinery	1452	361302	63178	967833	182446
	291	Manufacture of general purpose machinery	4050	1192304	208089	3238332	671973
2921		Manufacture of agricultural and forestry machinery	824	351913	43726	986535	150353
2922		Manufacture of machine-tools	680	104287	21004	174480	39471
2923		Manufacture of machinery for metallurgy: converters, ingot moulds, ladles and casting machines; metal rolling mills and rolls for such mills.	52	21731	2638	55475	4502
2924		Manufacture of machinery for mining, quarrying and construction	381	233462	26008	555013	124397
2925		Manufacture of machinery for food, beverage and tobacco processing	535	102217	21739	317724	58939
2926		Manufacture of machinery for textile, apparel and leather production	744	146647	30743	353879	58248
2927		Manufacture of weapons and ammunition	71	6844	3233	11357	3026
2929		Manufacture of other special purpose machinery	1344	254692	51345	953794	179056
	292	Manufacture of special purpose machinery	4631	1221792	200435	3408256	617991
2930		Manufacture of domestic appliances, n.e.c.	706	232993	29524	571756	62398
3000		Manufacture of office, accounting and computing machinery	200	572579	25850	653471	109089
3110		Manufacture of electric motors, generators and transformers	1033	579760	72270	1601872	310171
3120		Manufacture of electricity distribution and control apparatus for a voltage exceeding 1000 volts	1062	233494	56998	883623	203167
3130		Manufacture of insulated wire and cable	627	277170	33161	815779	66161
3140		Manufacture of accumulators, primary cells and primary batteries	206	147704	19878	325743	80677
3150		Manufacture of electric lamps and lighting equipment	369	115617	23722	238749	43093
3190		Manufacture of other electrical equipment n.e.c.	627	159861	31161	447475	80724
3210		Manufacture of electronic valves and tubes and other electronic components	492	425944	49147	683693	148360

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Table 9.2 (B) Annual Survey of Industries (Factory Sector) : 2004-05-concl'd.

(Selected characteristics by Industry group)

(Value in Rs. Ten Million, others in number)

Industry Code	Industry Group	Industry description	No of factories	Productive capital	Employee	Gross output	Net value added
1	2	3	4	5	6	7	8
3220	322	Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy	239	228636	23190	457892	95585
3230	323	Manufacture of television and radio receivers, sound or video recording apparatus, and associated goods	271	711287	29675	1954527	128460
3311		Manufacture of medical and surgical equipment and orthopedic appliances	309	188596	20634	428285	103513
3312		Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes except industrial process control equipment	293	64857	15719	154561	34657
3313		Manufacture of industrial process control equipment	93	63094	8272	192469	39321
	331	Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes except optical instruments	694	316547	44625	775316	177491
3320	332	Manufacture of optical instruments and photographic equipment	128	54064	6923	108320	51330
3330	333	Manufacture of watches and clocks	169	36714	10437	78566	13144
3410	341	Manufacture of motor vehicles	124	1070991	79780	10355445	930586
3420	342	Manufacture of bodies (coach work) for motor vehicles; manufacture of trailers and semi-trailers	365	48590	22577	169079	24896
3430	343	Manufacture of parts and accessories for motor vehicles and their engines	2604	1533477	234463	3821354	723516
3511		Building and repairing of ships	161	12731	22550	232639	44807
3512		Building and repairing of pleasure and sporting boats	18	1719	543	3518	456
	351	Building and repair of ships and boats	179	14450	23093	236157	45262
3520	352	Manufacture of railway and tramway locomotives and rolling stock	288	60979	26825	234222	57391
3530	353	Manufacture of aircraft and spacecraft	36	53967	3781	58633	30174
3591		Manufacture of motorcycles	684	660200	93430	3316189	595803
3592		Manufacture of bicycles and invalid carriages	654	136577	32442	411146	37952
3599		Manufacture of other transport equipment n.e.c.	146	64269	5450	144211	24101
	359	Manufacture of transport equipment n.e.c	1485	861046	131322	3871546	657856
3610	361	Manufacture of furniture	861	163354	30986	373485	58174
3691		Manufacture of jewellery and related articles	825	534771	91856	2340936	222499
3692		Manufacture of musical instruments	11	1198	408	1575	239
3693		Manufacture of sports goods	130	18804	6926	47380	7313
3694		Manufacture of games and toys	126	30080	8389	66346	13805
3699		Other manufacturing n.e.c.	733	162339	37649	396488	79677
	369	Manufacturing n.e.c	1825	747191	145228	2852725	323533
3710	371	Recycling of metal waste and scrap	26	6537	1292	19023	3054
3720	372	Electricity, gas and water supply	45	2088	923	13235	701
	9888	Others	5121	2552038	152542	4155084	477093
All			136353	67239950	8453628	167256142	25990686

Source : Central Statistical Organisation

INDUSTRY

TABLE 9.3-MILL PRODUCTION OF COTTON YARN

(Mn. Kg.)

Year/State/U.T.	1 - 10 Counts	11-20 Counts	21-30 Counts	31-40 Counts	Above 40 Counts	Total
1	2	3	4	5	6	7
1990-91	197	354	277	456	226	1510
1996-97	479	511	405	515	238	2148
1997-98	503	508	427	542	233	2213
1998-99	450	489	396	468	219	2022
1999-00	509	504	455	524	212	2204
2000-01	521	469	479	561	237	2267
2001-02	524	439	456	548	245	2212
2002-03	459	445	476	533	264	2177
2003-04	435	403	493	522	268	2121
2004-05	482	435	509	546	300	2272
2004-05						
State:						
Andhra Pradesh	..	..	..	..	..	100
Assam	..	..	..	..	..	-
Bihar	..	..	..	..	..	-
Chhatisgarh	..	..	..	..	..	-
Gujarat	..	..	..	..	..	179
Haryana	..	..	..	..	..	88
Himachal Pradesh	..	..	..	..	..	44
Jammu Kashmir	..	..	..	..	..	1
Jharkhand	..	..	..	..	..	1
Karnataka	..	..	..	..	..	71
Kerala	..	..	..	..	..	27
Madhya Pradesh	..	..	..	..	..	105
Maharashtra	..	..	..	..	..	218
Orissa	..	..	..	..	..	2
Punjab	..	..	..	..	..	234
Rajasthan	..	..	..	..	..	74
Tamilnadu	..	..	..	..	..	1029
Uttar Pradesh	..	..	..	..	..	44
Uttaranchal	..	..	..	..	..	-
West Bengal	..	..	..	..	..	13
Union Territory:						
Daman & Diu	..	..	..	..	..	-
Pondicherry	..	..	..	..	..	12
D & N Haveli	..	..	..	..	..	29

Source: Office of the Textile Commissioner, Ministry of Textiles

INDUSTRY

Table 9.4-PRODUCTION OF COTTON CLOTH

Year	Coarse	Medium	Fine	Superfine	Total mill Decentralised		Grand
					cloth (excl. weaving units)	Sector (incl. weaving units)	
1	2	3	4	5	6	7	8
1990-91	244	1439	77	99	1859	13572	15431
1994-95	233	874	42	98	1247	15772	17019
1995-96	233	781	36	80	1130	17770	18900
1996-97	..	..	..	..	1193	18648	19841
1997-98	..	..	..	..	1209	18783	19992
1998-99	..	..	..	..	1082	16866	17948
1999-00	..	..	..	..	1076	17913	18989
2000-01	..	..	..	..	1077	18641	19718
2001-02	..	..	..	..	988	18781	19769
2002-03	..	..	..	..	971	18310	19281
2003-04	..	..	..	..	917	17100	18017
2004-05	..	..	..	..	995	19660	20655

STATEWISE PRODUCTION OF COTTON CLOTH (MILL CLOTH)

(in 000 Sq.Mtr.)

State/Union Territory	1999-00	2001-02	2002-03	2003-04	2004-05
Gujarat	261901	310907	321775	321570	328957
Karnataka	8524	5110	7222	2470	2534
Kerala	7547	6363	6342	1607	445
Madhya Pradesh	34265	42223	47305	39035	37858
Maharashtra	513499	419026	382257	334191	355416
Orissa	11393	-	-	-	-
Punjab	44711	46854	55784	72281	95818
Rajasthan	43641	27693	28384	34169	35889
Tamil Nadu	91039	74670	64944	54956	84434
Uttar Pradesh	32574	31883	32386	31490	26272
Pondichery	26869	23449	24357	24897	27517
Total	1075963	988178	970756	916666	995140

Source: Office of the Textile Commissioner, Ministry of Textiles

Note: 1.Statewise break up for decentralised sector is not available

2 All India figures from 1990-91 onwards are in million sq.metres and statewise figures are in '000 sq.meters.

3.Mill sector production excludes exclusive weaving units.

4.Category wise data on production of cotton cloth is not called for in the revised return from the industry since 1996-97.

5.The above table shows only those states/UT's as have produced Cotton Cloth (Mill Cloth).

INDUSTRY**Table 9.5-PRODUCTION OF MAN-MADE FIBRE FABRICS****(000sq.metre)**

Year	By powerlooms & handlooms	By textile mills	Total
1	2	3	4
1990-91	4833000	41000	4874000
1994-95	7053000	263000	7316000
1995-96	7995000	258000	8253000
1996-97	9129000	247000	9376000
1997-98	10653000	244000	10897000
1998-99	11298000	230000	11528000
1999-00	13140000	230000	13370000
2000-01	12966000	232000	13198000
2001-02	14486000	214000	14700000
2002-03	15262000	214000	15476000
2003-04	16746000	212000	16958000
2004-05	17787000	211000	17998000

Source: Office of The Textile Commissioner, Ministry of Textiles

INDUSTRY

Table 9.6- PRODUCTION OF SELECTED ITEMS

Item	Unit	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7
Milk powder of all kinds	Tonnes	143866	128588	155067	147372	146952
Wheat flour/maida	Th.Tonne	2443	2394	2689	2879	2796
Biscuits (IPP)	Tonnes	189175	251742	271620	287342	380599
Biscuits (SSI)	Tonnes	694299	668390	672924	681584	690785
Sugar	Mn. tonnes	19	19	19	16	13
Salt	Th.tonnes	14948	15289	16896	15325	16662
Chocolate & sugar confectionary	Tonnes	31818	26334	33364	31390	29397
Deoiled mustard cake	Tonne	248975	396756	664306	777732	951275
Edible hydrogenated oil	Tonne	1444748	1301135	1448314	1627760	1898518
Soyabean oil	Tonne	769868	925702	1167827	1331607	1570052
Sun flower oil	Tonne	95330	50612	62690	72001	80811
Coconut oil	Tonne	10112	11041	13645	16403	19144
Cotton seed oil	Tonne	7848	20443	26997	33256	39951
Deoiled rice bran	Tonne	2697202	3262186	4580026	5156747	5739857
Ground nut oil	Tonne	150407	104762	94270	107966	122641
Mustard oil / rape seed oil	Tonne	36927	51085	73416	83166	95735
Rice bran oil	Tonne	662061	790465	1138460	1271591	1552033
Till seed oil	Tonne	1588	2045	1994	1974	1934
Tea	Th. tonnes	827	842	838	851	831
Coffee	Tonnes	312588	304286	284527	257014	296017
Malted food	Tonnes	116930	109030	108719	109146	97481
Rectified spirit	K.Litre	868260	846083	1065399	990764	795069
Beer	K.Litre	302507	235178	269612	360938	270446
Indian made foreign liquor	K.Litre.	51543	69008	109974	133794	183178
Country liquor.	K.Litre.	63171	96607	125728	148562	139285
Soft drink & soda	Mil.Bottles	2381	2040	2208	1730	1957
Cigarettes	Mill.Nos	75085	60577	54991	49769	54748
Cotton yarn (including SSI)	Mn.Kg	2267	2211	2174	2121	2271
Cotton cloth (excluding hosiery)	M.Sq.Mtrs	14173	14111	12888	11876	13193
100% Non-cotton cloth	M.Sq.Mtrs	14316	15325	16098	17568	18339
100% Non-cotton yarn	Mn.Kg	248	278	316	341	367
Blended cloth	M.Sq.Mtrs	6347	6319	5910	6067	6030
Blended yarn	Mn.Kg	646	612	586	589	585
Carpet backing cloth	Th.tonnes	7	5	5	5	4
D.W.Tarpaulin	Tonnes	6700	8200	10600	6900	2200
Hessain	Th. tonnes	338	273	338	305	310
Sacking	Th. tonnes	953	1032	990	978	993
Yarn	Th. tonnes	84	78	86	105	142
Cotton hosiery cloth	M.Sq.Mtrs	5453	5583	6390	6187	7373
Particle board	Sq.Mtrs	4674974	4361534	3556201	3850461	3635983
Plywood commercial	Sq.Mtrs	15809014	9879346	8913700	8480193	5370572
Rayon grade pulp (machine made pulp all kinds)	Tonnes	234014	236451	202867	135290	168989
Paper & paper board (IPP)	Tonnes	3090483	3176294	3413219	3684217	3848512
Paper & paper board (SSI)	Tonnes	1743182	1774008	1825962	1871800	1944334
Newsprint bleached	Tonnes	632802	619922	627426	684379	764776

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Table 9.6- PRODUCTION OF SELECTED ITEMS-Contd.

Item	Unit	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7
Corrugated boxes/cartons (all kinds)	Tonnes	12184	13208	15191	21090	24294
Finished leather	Th.Pcs	75171	87181	79275	72703	76577
Leather footwear indian type (IPP)	Th.Pairs	7693	8392	9072	10371	9555
Leather footwear indian type (SSI)	Th.pairs	134248	149531	153836	158306	167259
Leather footwear western type	Th.Pairs	14153	12134	15638	17069	15208
Shoe uppers	Th.Pairs	7084	7444	6977	6544	7467
Leather garments	Rs.Mn.	2568	2063	1627	2338	2541
Leather goods	Rs.Mn.	378	268	603	631	415
Chlorine	Th.Tonne	875	964	938	1041	1184
Dislved acetalene gas (d.a.gas)	Th.Cu.Metres	10229	8993	8757	5929	5632
Oxygen	Th.Cu.Mtrs	665860	652460	651153	520400	528051
Sulphuric acid	Tonnes	5539625	5177503	5988422	6075832	6665881
Fatty acids	Tonnes	176263	197355	207505	185881	157830
Glycerine	Tonnes	27317	29810	29588	32076	28689
Calcium carbide	Tonnes	93519	64445	46899	47862	52727
Caustic soda	Th.Tonne	1642.056	1732	1539	1601	1771
Soda ash	Th.Tonne	1632	1561	1610	1705	2027
Titanium dioxide	Tonnes	34458	47321	46666	49952	57740
Acetic acid	Tonnes	340110	331365	287379	291116	279039
Acetic anhydride	Tonnes	37098	30280	22262	28523	27184
Ethelene glycol	Tonnes	568639	575882	608857	653138	708286
Ethylene	Tonnes	1507545	1992073	2308828	2421245	2648023
Formaldehyde	Tonnes	215876	200556	183657	197165	193479
Linear alkyl benzene	Tonnes	272582	325709	375826	384583	400506
Methanol	Tonnes	359140	322717	354433	382095	390359
Phenol	Tonnes	73704	64428	75974	75145	83202
Phthalic anhydride	Tonnes	136484	169940	196791	181249	183629
Caprolactum	Tonnes	116766	108228	99044	107340	121311
Nitrogenous fertilizers	Th.Tonne	11025	10747	10560	10633	11340
Phosphatic fertilizers	Th.Tonne	3745	3860	3885	3568	3986
Endosulfan technical	Tonnes	12320	12321	6465	6352	5456
Monocrotophos	Tonnes	6472	4295	2751	3041	4392
Synthetic rubber	Tonnes	58491	61961	68009	75390	80294
P.V.C. resins	Tonnes	821463	922715	901866	945830	948768
Synthetic resins	Tonnes	86308	97494	119190	121162	133504
P.F. moulding powder	Tonnes	3133	4142	5395	5538	3589
Rubber chemicals	Tonnes	29392	24894	26907	28641	30601
H.D.P.E	Tonnes	325418	647485	970201	958074	998972
Metallised bopp films	Tonnes	28747	27398	25063	40912	69888
Paints, enamels & varnishes (IPP)	Tonnes	475312	393596	384842	400373	441292
Paints, enamels & varnishes (SSI)	Tonnes	243733	251424	252360	266683	278900
Azo dyes	Tonnes	3089	2701	4046	4014	3989
Organic pigments	Tonnes	19362	20738	13807	11764	13213
Reactive dyes	Tonnes	8207	8349	4383	2194	2805
Optical whitening agent (IPP)	Tonnes	3587	4121	2861	3327	3603

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Table 9.6- PRODUCTION OF SELECTED ITEMS-Contd.

Item	Unit	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7
Optical whitening agent (SSI)	Tonnes	1370	1466	1531	1543	1553
Sulpha drugs	Tonnes	1534	2477	2215	1870	1937
Trimethoprim	Kg.	170676	170676	176066	174475	255870
Ampicillin	Kg.	293282	521728	578096	829138	817292
Pencillin	M.M.U.	823	1205	1248	1389	1022
Vitamin a	M.M.U.	77	46	76	65	98
Vitamin c	Kg.	778822	713441	463771	598160	391512
Hair oil/ayurvedic hair oil	K.Litre	792	792	977	3055	11072
Detergent all kinds	Tonnes	596132	627872	661089	748812	909117
Soap all kinds (IPP)	Tonnes	441135	474723	550654	572544	496934
Soap all kinds (SSI)	Th.tonnes	3072	3270	3536	3621	3645
Agarbathi	Rs.Mn.	96	389	500	453	504
Toothpaste	Tonnes	25142	25842	17936	18000	18537
Toothpowder	Tonnes	6661	7671	9030	7541	8693
Filament yarn	Mn.Kg	920	969	1096	1146	1112
Nylon tyre cord	Tonnes	40883	49446	49648	55866	48491
Polyster fibre	Tonnes	529624	533041	569369	603875	637120
Viscose staple fibre	Tonnes	180744	140091	167099	144289	186539
Viscose tyre cord	Tonnes	12944	9358	7406	7565	7573
Matches (IPP)	Mil.boxes	3780	3413	8072	10524	10935
Matches (SSI)	Mil.boxes	76541	88419	86526	84713	84713
Fire works	Tonnes	10574	9598	8003	7951	7708
High explosive nitro glycerine based	Tonnes	14612	18048	16427	13500	12014
Industrial explosives	Tonnes	283689	271721	267184	243320	253552
Cine film & x-ray films	Th.Sq.Mtrs.	14791	15205	15444	18833	19206
Photo film/roll film	Rs.Thousand	43431	280843	267161	434759	1319706
Photosensitised paper	Th.Rolls	368	108018	0	0	0
Adhesives all types	Tonnes	12892	13340	15682	20370	22073
Gelatine	Tonnes	6268	6267	8022	8055	8466
Bicycle tubes	Mill.Nos	14	14	38	48	75
Bicycle tyres	Mill.Nos	13	24	38	50	76
Giant tubes	Th.Nos.	6618	6231	7223	7565	7926
Giant tyres	Th.Nos.	13012	10790	12890	12580	12530
Rubber conveyer belting	Tonnes	13791	16998	14517	19425	23547
Tractor tyres/a.d.v.tyres	Th.Nos.	2501	2209	2121	1993	2145
Two wheeler tyres	Th.Nos.	13797	13651	14289	15082	14747
Rubber footwear	Mill.Pairs	16	19	19	22	26
Rubber hoses (other type)	K.Metre	976	1271	2062	2286	3193
Sheets (pvc/rubber)	Tonnes	10472	24610	35460	37761	35766
Contraceptives	Th.Nos.	1433200	2611501	2372096	2072578	1942500
L.D.P.E	Tonnes	317003	368113	524654	250839	204193
Laminates (decorative)	Tonnes	21767	23250	23982	25799	27131
PVC pipes & tubes	Tonnes	25083	29444	24416	25234	20250
Aviation turbine fuel	TMT	2512	2595	3051	4289	5201
Benzene	TMT	143	98	130	91	90

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Table 9.6- PRODUCTION OF SELECTED ITEMS-Contd.

Item	Unit	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7
Bitumen	TMT	2721	2562	2940	3396	3348
Furnace oil	TMT	6478	7488	7529	8735	10517
High speed diesel	TMT	39015	39774	40113	43265	45882
Light diesel oil	TMT	1481	1704	2079	1660	1546
Low sulphur heavy stock	TMT	4913	4741	4638	4636	4261
Lubricating oil	TMT	685	651	685	666	646
Motor spirit	TMT	8071	9698	10361	10997	11019
Naptha	TMT	9908	9180	9650	11316	14314
Natural gas	MCM	29503	29722	31392	31957	31779
Petroleum coke calcined	TMT	54	26	27	4	13
Superior kerosene	TMT	8714	9682	10027	10188	9299
Liquified petrolium gas	TMT	4088	4779	4902	5349	7810
Di-methyl tetra phthalate (dmt)	Tonnes	191484	180051	200604	213642	246479
Hard coke	Th.tonnes	11678	11591	11941	12367	11706
Middling	Th.tonnes	6340	5046	4964	4912	5348
Washed coal	Th.tonnes	8533	8200	8344	8136	8717
Carbon black	Tonnes	269299	283407	255611	247248	375649
Glazed tiles/ceramic tiles	Tonnes	787968	698169	718320	743581	827364
Bottles/bottle glass wares	Tonnes	704026	820102	849320	927633	832514
H.T.Insulators	Tonnes	38270	40691	40176	38931	41051
Cement all kinds	Th.Tonne	99227	106491	111778	117035	125338
Polished granite/stone chips	Rs.Mn.	828	812	983	1047	1024
Asbestos cement pressure and building pipes etc.	Th.Tonne	114	138	139	132	148
Asbestos cement sheets	Th.Tonne	1097	1195	1248	1347	1594
Railway/concrete sleeper	Numbers	633175	477030	742739	920257	840992
Graphite electrodes & anodes	Tonnes	60768	62273	61644	70230	71041
Bars and rods	Th. tonnes	9267	9943	10444	11188	11828
Carbon steel	Th. tonnes	7397	7606	7785	8072	10794
H.R.coils/ skelp	Th. tonnes	8125	7654	8497	8958	9282
Pig iron	Th. tonnes	3105	3886	5059	5197	3982
Railway materials	Th. tonnes	604	702	873	930	995
Stainless/ alloy steel	Th. tonnes	1609	1514	1786	1791	1795
Structurals (light, medium & heavy)	Th. tonnes	2311	2245	2335	3058	2833
Sponge iron	Th. tonnes	5459	5557	6296	7549	9942
Plates	Th. tonnes	1765	1742	1799	2146	2536
Steel wires (wire drawing)	Th. tonnes	354	354	361	360	355
Wire ropes	Tonnes	94479	81541	93051	120552	132813
Electric sheets	Th. tonnes	105	122	151	161	140
GP/GC sheets (colour coated)	Th. tonnes	1563	1980	2514	2652	3017
Tinplate (including ww)	Th. tonnes	138	134	135	149	139
C.R sheets/ coils	Th. tonnes	4106	4438	4849	4991	5627
H.R sheets	Th. tonnes	479	627	516	559	954
Pipes & tubes (DCIS)	Th. tonnes	405	469	487	552	538
Pipes & tubes (SSI)	Tonnes	265801	266459	275708	278410	282370
Ferro chrome	Th. tonnes	210	171	279	307	289

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Table 9.6- PRODUCTION OF SELECTED ITEMS-Contd.

Item	Unit	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7
Ferro manganese	Th. tonnes	134	151	193	202	189
Ferro silicon	Th. tonnes	49	54	45	50	45
Other ferro alloys	Th. tonnes	358	262	283	309	275
Copper metal (cathode)	Tonnes	43343	43536	36154	30597	16985
Stamping & forgings	Tonnes	301750	254935	267568	297277	318152
Aluminium extrusions	Tonnes	93309	98928	95164	115746	96710
Aluminium foils	Tonnes	31636	40045	78596	50998	39741
Aluminium ingots	Th.Tonne	620	552	467	601	516
Aluminium rolled products	Tonnes	164697	179044	188892	212046	241790
Aluminium wire rods	Tonnes	146580	145213	129828	148045	182631
C.I.castings	Tonnes	153721	127791	146779	217368	216809
Steel castings (IPP)	Tonnes	352399	409282	483001	407849	421712
Steel castings (SSI)	Tonnes	45916	44685	45012	51424	54345
Well/off shore platforms	Rs.Mn.	2736	1732	912	82	91
L.P.G. cylinders	Th.Nos.	4755	2448	3215	2608	1982
Drums & barrels	Tonnes	37591	35281	54871	36937	39336
Tin metal containers	Tonnes	89923	98720	107491	105743	90620
Spun pipes	Tonnes	208388	226220	271113	318820	186341
Agricultural implements	Rs.Mn.	360	255	254	260	256
Bolts & nuts (IPP)	Tonnes	50950	48134	55128	66067	78252
Bolts & nuts (SSI)	Tonnes	515725	518327	541578	541137	547576
Welded link chains	Tonnes	16841	14864	17331	22655	25416
Zip fasteners (SSI)	Rs.Thousand	66984	102307	107822	122071	130806
Metalic utensils excl. pressure cooker	Rs.Thousand	280885	234424	231021	244043	304717
Pressure cookers	Numbers	4006924	4019064	3621920	3690359	4166497
Aluminium collapsable tubes	Mill.No.	108	109	115	96	79
Razor blades	Mill.Nos	5133	5718	6417	6515	6837
Welding electrodes/rods	Th.Run Mt	328382	284257	279197	286694	292823
Complete tractors	Numbers	284397	225586	192169	178865	242312
Dumper	Numbers	398	228	255	335	486
Hydraulic machine/hydraulic cylinders	Rs.Thousand	530608	649675	775678	769903	1561279
Wheel mtd dump loaders	Numbers	339	455	614	1047	1276
Boilers	Rs.Mn.	12603	17216	21875	21608	24735
Diesel engines (IPP)	Numbers	306008	219364	300545	310345	298974
Diesel engines (SSI)	Numbers	2610631	2635355	2642298	2662060	2675659
Textile machinery	Rs.Mn.	12530	12550	12558	12559	14260
Printing machinery	Rs.Mn.	1451	2294	2278	2654	2786
Furnaces	Rs.Mn.	267	238	253	223	747
Industrial machinery	Rs.Mn.	20046	17368	17912	20213	23955
Cooling towers	Rs.Mn.	1255	1398	1420	1519	2273
Refrigerators & air-conditioning plants	Rs.Mn.	603	489	476	530	537
Window type air conditioners	Numbers	37563	83916	207132	276110	387264
Refrigerators (domestic)	Th.Nos.	2009	2469	2735	3715	4360
Sealed compressors	Numbers	692788	593241	767752	1684409	3718330
Cranes	Tonnes	10980	6680	4432	6706	8379
Lifts	Numbers	4528	5108	4546	5034	5669

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Table 9.6- PRODUCTION OF SELECTED ITEMS-Contd.

Item	Unit	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7
Material handling equipment in cl.wagon	Rs.Mn.	4285	1749	1857	2262	3266
Air and gas compressor (IPP)	Numbers	115936	82286	79128	98069	103982
Air and gas compressor SSI)	Numbers	12837	16189	16416	15900	16100
Monoblocks	Numbers	144381	134993	145678	179324	160503
Parts & accessories (pumps & compressors)	Rs.Mn.	103	110	129	146	274
Power driven pumps	Th.Nos.	482	473	584	663	649
Valves all kinds	Rs.Mn.	5360	6363	7626	10009	13372
Ball & roller bearings	Mn. Nos.	378	311	298	271	311
Gear boxes	Numbers	66711	277734	931849	1168711	90173
Cutting tools (lathes etc.)	Th.Nos.	21579	20469	14623	7677	4476
Diamond tools	Numbers	3504727	3224695	3316654	3004189	3151689
Machine tools (IPP)	Rs.Mn.	12263	16495	21808	22225	23884
Machine tools (SSI)	Rs.Ten Mn.	151	185	190	235	256
Typewriters	Numbers	53586	35584	30151	33675	24614
Sewing machines	Numbers	48845	76556	82697	74010	41188
Washing/ laundry machines etc.	Numbers	714854	778689	1165187	1438411	1588775
Electric generators (including alternators)	Rs.Mn.	4086	4630	8219	11793	11713
Power & dist. transformers (IPP)	Mill.K.V.A	71	76	75	63	59
Power & dist. transformers (SSI)	Numbers	1299947	1432747	1612427	1654083	1702591
Control panels/boards/disks	Rs.Mn.	2268	2724	3090	4276	5621
Protection system/switch board/switch gear etc.	Rs.Thousand	1133802	946865	1522220	1478804	1915579
Switchgear (circuit breakers)	Numbers	4802737	5497026	8847835	11745838	15011346
Electric motors (IPP)	Mn. H.P.	6	5	5	9	11
Electric motors (SSI)	Numbers	1794840	1648323	1773399	1774888	1886514
Electric motors phase one	Numbers	698787	857844	908910	851965	2736570
Power capacitors	KVAR	4243576	7826959	6407894	6719810	9754207
Motor starters and contactors	Th. Nos	3397	3302	3050	3414	3970
Stamping (lamination)	Tonnes	26294	31816	44711	52873	55508
Turbines (steam/hydro)	Rs.Mn.	5506	6169	6572	8026	8897
ACSR/AA conductors	Tonnes	30942	33494	37152	34802	27625
Insulated cables/wires all kinds	Ten Mn.Km.	723298	752913	777088	832735	740761
PVC/PICL	K.Metre	22574	22425	42602	54558	34476
Telecommunication cables	Mill.Mtr	32681	33717	20803	20406	16488
Winding wires	Tonnes	10610	13527	17898	17682	20959
Storage batteries	Mn.Nos	3	3	4	19	38
Dry cells	Mill.Nos	2214	2397	2520	2322	2683
Auto lamps	Th. Nos.	43736	40655	45988	56490	63007
G.L.S. lamps	Mill.Nos	449	434	461	975	464
Fluorescent tubes	Mn. Nos	166	152	169	156	181
Lighting, fitting & fixtures	Rs.Mn.	327	353	424	471	471
Electric fans all kinds (IPP)	Mn. Nos	5	6	6	6	6
Electric fans all kinds (SSI)	Mn. Nos	3	3	4	4	4
Radio receivers	Th.Nos.	0	0	0	0	0

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Table 9.6- PRODUCTION OF SELECTED ITEMS-Concl'd.

Item	Unit	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7
Telephone instruments	Th.Nos.	8460	12067	4986	3689	3808
T.V. picture tubes	Th.Nos.	4028	3442	4268	6090	8021
T.V. receivers	Th.Nos.	2399	1979	2191	3572	5044
Tape recorders	Th.Nos.	825	415	246	268	263
Computer system and its peripherals	Rs.Mn.	7915	6674	12632	18606	26092
Electrolytic capacitors	Mill.Nos	483	585	830	960	972
Ship building and repair	Rs.Mn.	13033	14870	16064	21622	13181
Locomotives all types	Numbers	223	184	181	202	211
Broad gauge covered wagons	Numbers	3354	1518	1405	2075	2121
Broad gauge passenger carriage	Numbers	2249	2272	1913	2350	2623
Wheel and axles complete set	Numbers	30434	20001	27984	32200	32732
Auto ancillary & parts	Rs.Mn.	72506	78563	107339	114594	116275
Chasis(assem) for HCVs (bus, truck)	Numbers	7250	8447	0	0	0
Commercial vehicles	Numbers	152014	146314	198827	275098	350032
Zeep type vehicles	Numbers	125963	124936	160515	206824	249149
Passenger cars	Numbers	506281	573146	575426	801169	965391
Engines	Numbers	154805	290408	0	0	0
Springs	Tonnes	41596	27976	32443	44203	22841
Auto rickshaws	Numbers	191204	212753	266619	340729	371208
Motor cycles	Numbers	2170586	2959814	3892746	4355137	5121970
Scooter and mopeds	Numbers	1585544	1364817	1194793	1269813	1332795
Bicycles all kinds	Th.Nos.	14975	11899	11595	12341	8030
Medical and surgical instruments	Rs.Mn.	904	1914	1669	2083	2461
Syringes all types	Rs.Mn.	468	624	828	908	959
Process control instruments	Rs.Mn.	1208	1206	1696	2079	2595
A.C.poly phase house service meters	Mill.Nos	0	0	0	0	0
A.C.single phase house service meters	Mill.Nos	2	2	2	2	2
Laboratory and scientific instruments	Rs.Mn.	295	191	174	159	160
Alarm time pieces	Th.Nos.	826	826	441	424	453
Wrist watches	Th.Nos.	8704	9179	11921	13451	14873
Writing instruments	Rs.Thousand	216223	80903	18729	91005	540806
Pencils (SSI)	Rs.Thousand	95259	96482	106178	109309	113718
Electricity	Mill.KWh	499594	515088	531671	558447	587194

Source : Central Statistical Organisation

NOTE: Production data is based on the information received from the source agencies and not the total Production in the country, of respective items.

INDUSTRY

Table 9.7-INDEX NUMBERS OF INDUSTRIAL PRODUCTION

(Base:1993-94=100)

Industry Code	Item	Weight	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
1	2	3	4	5	6	7	8	9
	General Index	1000.00	154.9	162.6	167.0	176.6	189.0	204.8
1	Mining and Quarrying	104.73	126.7	130.3	131.9	139.6	146.9	153.4
2 & 3	Manufacturing	793.58	159.4	167.9	172.7	183.1	196.6	214.6
20-21	Manufacture of food products	90.83	140.3	154.5	152.0	168.7	167.9	167.3
22	Manufacture of Beverages, Tobacco and Tobacco Products	23.82	192.1	200.4	224.8	287.6	312.1	345.9
23	Manufacture of Cotton Textiles	55.18	123.7	127.3	124.5	121.2	117.4	126.3
24	Wool, Silk and man-made fibre textiles	22.58	197.8	209.3	218.5	225.1	240.5	249.0
25	Manufacture and other vegetable fibre Textiles (except cotton)	5.90	105.0	105.8	99.6	107.9	103.4	107.2
26	Manufacture of Textile Products (incl. wearing apparel)	25.37	156.1	162.4	166.3	190.3	184.3	219.6
27	Manufacture of Wood and Wood Products, Furniture and Fixtures	27.01	101.4	104.3	92.8	76.5	81.7	74.8
28	Manufacture of Paper & Paper Products, Printing, Publishing & allied Industries	26.52	180.5	164.0	169.0	180.5	208.7	230.7
29	Manufacture of Leather and Leather and Fur Products	11.39	135.5	150.0	158.0	152.9	147.0	156.9
30	Manufacture of Chemicals and Chemical Products (except Products of Petroleum and Coal)	140.02	164.6	176.6	185.0	191.8	208.4	238.6
31	Manufacture of Rubber, Plastic Petroleum and Coal Products	57.28	137.2	153.4	170.4	179.7	187.7	192.2
32	Manufacture of Non Metallic Mineral Products	43.97	220.8	218.2	220.7	232.0	240.6	244.3
33	Basic Metal and Alloy Industries	74.53	146.9	149.6	156.0	170.4	186.0	196.1
34	Manufacturing of Metal Products and Parts, except Machinery and Transport Equipment	28.10	137.8	158.5	142.6	151.7	157.3	166.3
35-36	Manufacture of Machinery and Equipment other than Transport equipment	95.65	182.5	195.8	198.3	201.4	233.3	279.4
37	Manufacture of Transport Equipment and Parts	39.84	194.1	190.3	203.3	232.9	272.6	283.7
38	Other Manufacturing Industries	25.59	142.5	159.1	173.2	173.3	186.6	221.2
4	Electricity	101.69	148.5	154.4	159.2	164.3	172.6	181.5

Source: Central Statistical Organisation

TABLE NUMBER 9.1
ANNUAL SURVEY OF INDUSTRIES
(FACTORY SECTOR)

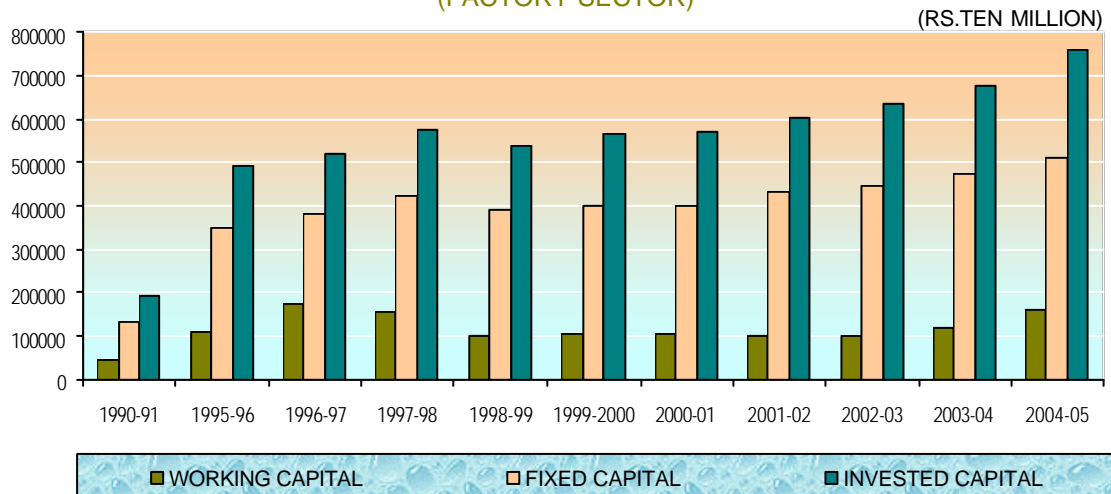


TABLE NUMBER 9.3
MILL PRODUCTION OF COTTON YARN

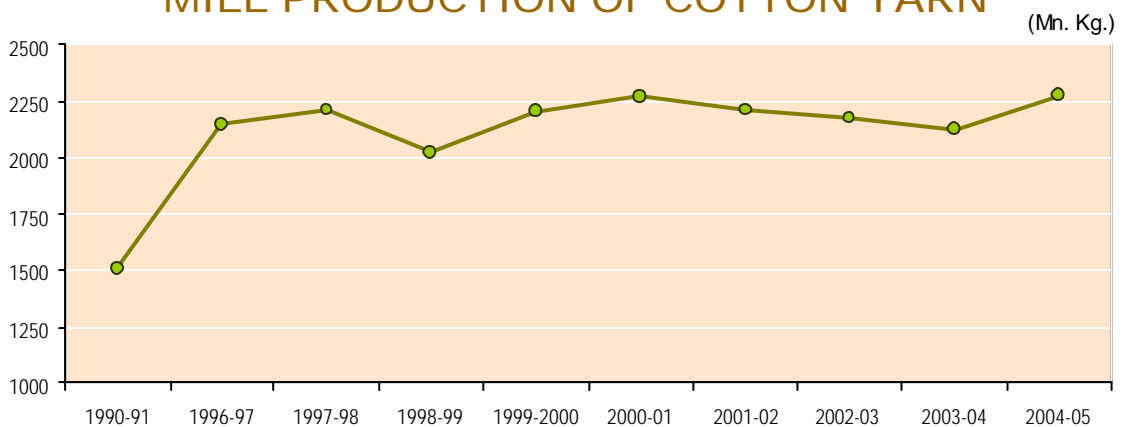


TABLE NUMBER 9.4
PRODUCTION OF COTTON CLOTH

