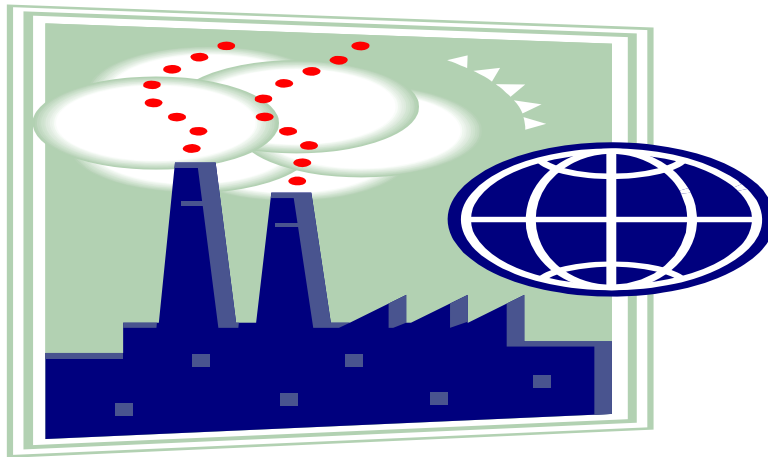




GOVERNMENT OF GOA

**A REPORT
ON
ANNUAL SURVEY OF INDUSTRIES
2004-05**



**DIRECTORATE OF PLANNING STATISTICS AND EVALUATION
PANAJI-GOA**

P R E F A C E

The “**Annual Survey of Industries**” (ASI) is the prime source of Industrial Statistics which provides the basic statistics of industrial sector. The frame of factories used for the survey corresponds to the list of factories registered under the Factories Act, 1948, as maintained by the Chief Inspector of Factories & Boilers, Government of Goa.

This **Report on Annual Survey of Industries** pertains to the year 2004-05 and is the 32nd in the series. It is compiled based on the information collected by the National Sample Survey Organization (NSSO), Field Operations Division (FOD), Government of India, under the statutory provision of The Collection of Statistics Act, 1953, and the rules framed thereunder in 1959. The detailed tables presented in this report have been generated by Central Statistical Organization (CSO), Kolkata. The report presents a broad picture of the pattern and growth of organized industrial sector in Goa. It provides estimates of different variables of industrial statistics viz., capital structure, employment, input, output, value added by manufacture, etc. by certain industry groups.

Constructive suggestions to improve the publication are always welcome.

(Anand Sherkhane)
Director

Panaji-Goa
Dated: 17/12/2009

OFFICIALS ASSOCIATED WITH THE REPORT

Shri. S. Shanbhogue

Joint Director

Shri. Jagdish N Shirodkar

Research Assistant

Shri. Ciril Carvalho

Statistical Assistant

Smt. Sunita Bhagat

Investigator

Smt. Sheetal Naik

Investigator

REPORT ON ANNUAL SURVEY OF INDUSTRIES FOR THE YEAR 2004-05

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CHAPTER ONE

INTRODUCTION

1.1 The present Report on Annual Survey of Industries (ASI) for the year 2004-05 is the thirty-second in the series of such reports brought out by this Directorate. It incorporates data in respect of industrial statistics collected through the Annual Survey of Industries in the organized factory sector in this State by the National Sample Survey Organisation (NSSO), Government of India, under the statutory provisions of the collection of Statistics Act, 1953 and the rules framed there under in 1959.

1.2 The Director General, Field Operations Division (FOD), N.S.S.O., Government of India is declared as the Statistics Authority in terms of the aforesaid Act, while the Director of Planning, Statistics and Evaluation (DPSE), Government of Goa, has been appointed as the Officer on Special Duty for Goa State by the Government of India to ensure proper supervision and control over the coverage of factories located in this State. Under this arrangement, the N.S.S.O., (FOD) supplies one copy of the A.S.I. return received from each registered factory in the State to the D.P.S.E.

1.3 **Scope and coverage:** The A.S.I. covers the factories registered under The Factories Act, 1948 on sample basis from the year 1999-2000 (accounting year of A.S.I. 1998-99), shifting from the existing pattern of selection of factories of complete enumeration or census in the State. The coverage includes manufacturing factories as also those service industries and activities like cold storage, water supply, repair of motor vehicles and other consumer durables such as watch etc. As against 549 factories covered under Annual Survey of Industries during 2003-04, the number of factories covered during 2004-05 were 518. The factories have been classified into 19 industrial groups in terms of the 2-digit code, as per the National Industrial Classification of 1998 (NIC-1998). Till the reporting year of A.S.I. 1997-98 the factories were classified into industry codes framed under NIC-1987, as no revision of the existing National Industrial Classification was done. With the advent of recent version of NIC-1998 the fresh classification of factories and allotment of codes, the structure as corresponding with that of earlier version has been totally changed. To meet the convertibility of codes in both versions, the interested may refer to the concordance table appearing in NIC-1998 booklet.

CHAPTER TWO

CONCEPTS AND DEFINITIONS

2.1 **REFERENCE YEAR** for ASI 2004-2005 is the accounting year of the factory ending on 31st March 2005 while the survey was conducted in 2005-2006.

2.2 **FACTORY** is one, which is registered under sections 2m (i) and 2m (ii) of The Factories Act, 1948. The sections 2m (i) and 2m (ii) refer to any premises including the precincts thereof (a) whereon ten or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power, or is ordinarily so carried on or (b) whereon twenty or more workers are working or were working on any day of the preceding twelve months and in any part of which a manufacturing process is being carried on without the aid of power, or is ordinarily so carried on.

2.3 **FIXED CAPITAL** represents the depreciated value of fixed assets owned by the factory as on the closing day of the accounting year. Fixed assets are those that have a normal productive life of more than one year. Fixed capital includes land including lease- hold land, buildings, plant and machinery, furniture and fixtures, transport equipment, water system and roadways and other fixed assets such as hospitals, schools etc. used for the benefit of factory personnel.

2.4 **PHYSICAL WORKING CAPITAL** is the total inventories comprising raw materials and components, fuels and lubricants, spares, stores and others, semi-finished goods and finished goods as on the closing day of the accounting year. However, it does not include the stock of the materials, fuels, stores etc. supplied by others to the factory for processing and finished goods processed by the factory from raw materials supplied by others.

2.5 **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 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.

2.6 **PRODUCTIVE CAPITAL** is the total of fixed capital and working capital as defined above.

2.7 **INVESTED CAPITAL** is the total of fixed capital and physical working capital as defined above.

2.8 **GROSS VALUE OF PLANT AND MACHINERY** represents the total original (undepreciated) value of installed plant and machinery at the end of the accounting year. It includes the book value of the newly installed plants and machinery and the approximate value of rented in plant and machinery at the time of renting-in but excludes the value of rented-out plant and machinery. Total value of all the plants and machinery acquired on hire - purchase basis is also included.

2.9 **OUTSTANDING LOANS** represent all loans, whether short term or long term, whether interest bearing or not, outstanding according to the books of the factory as on the closing day of accounting year.

2.10 **RENT PAID** represents the amount of royalty paid in the nature of rent for the use of the fixed assets in the factory.

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

2.12 **RENT RECEIVED** represents the amount of royalty received in the nature of rent for the use of the fixed assets in the factory.

2.13 **INTEREST RECEIVED** includes all interest received on factory account on loans, whether short term or long term, irrespective of the duration and the nature of agency to which the loan was given. Interest received from partners and proprietors on capital or loan are excluded.

2.14 **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 premises 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 factory's own use or labour employed for generating electricity or producing coal, gas etc. are included.

2.15 **EMPLOYEES** include all workers defined above and persons receiving wages and holding supervisory or managerial positions engaged in administrative office, store keeping section and welfare section, sales department as also those engaged in purchase of raw materials etc. or purchase of fixed assets for the factory and watch and ward staff.

2.16 **TOTAL PERSONS ENGAGED** include the employees as defined above and 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 mandays worked by the number of days the factory had worked during the reference year.

2.17 **MANDAYS** represent the total number of days worked and the number of days paid for 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.

2.18 **WAGES AND SALARIES** are defined to include all remuneration in monetary terms and also payable more or less regularly in each pay period to workers as compensation for work done during the accounting year. It includes (a) direct wages and salary (i.e., basic wages/salaries, payment of overtime, dearness, compensatory, house rent and other allowances) (b) remuneration for the 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) bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses, productive bonuses, profit sharing bonuses, festival or year-end bonuses etc.) It excludes lay off payments which are made from trust or other special funds set up exclusively for this purpose i.e., payments not made by the employer. It also excludes imputed value of benefits in kind, employer's contribution to old age benefits and other social security charges, direct expenditure on maternity benefits crèches and other group benefits Traveling and other expenditure incurred for business purposes and reimbursed by the employer are excluded. The wages are expressed in terms of gross value i.e., before deduction for fines, damages, taxes, provident fund, employee's state insurance contribution etc.

2.19. **CONTRIBUTION TO PROVIDENT FUND AND OTHER FUNDS** includes old age benefits like provident fund pension, gratuity etc. and employers contribution towards other social security charges such as employees state insurance, compensation for work injuries and occupational diseases, provident fund- linked insurance, retrenchment and lay- off benefits.

2.20. **WORKMEN AND STAFF WELFARE EXPENSES** include group benefits like direct expenditure on maternity, crèches, canteen facilities, educational, cultural recreational facilities, and grants to trade unions, co-operative stores etc. meant for employees.

2.21. **TOTAL EMOLUMENTS** is defined as the sum of wages and salaries, employers contribution as provident fund and other funds and workmen and staff welfare expenses as defined above.

2.22. **FUELS CONSUMED** represent total purchase value of all items of fuels such as coal, liquefied petroleum gas, petrol, diesel, electricity, lubricants, water etc. consumed by the factory during the accounting year but excluding the items which directly enter into the manufacturing process.

2.23. **MATERIALS CONSUMED** represent the total delivered value of all items of raw materials, components, chemicals, packing materials and stores which actually enter into the production process of the factory during the accounting year. It also includes the cost of all materials used for the construction of building etc. for the factory's own use .It, however, excludes all intermediate products consumed during the accounting year. Intermediate products are those products, which are produced by the factory but are subject to further manufacturing.

2.24. **EX-FACTORY VALUE** of all products and by-products manufactured is attained at the rate of net sale-value (inclusive of subsidies etc.) with respect to each of the items.

2.25. **TOTAL INPUT** comprises total value of fuels, materials consumed as well as expenditures such as cost of contract and commission work done by others on materials supplied by the factory, 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, inward freight and transport charges, rate and taxes (excluding income tax), postage, telephone and telex expenses, insurance charges, banking charges, cost of printing and stationery and purchase value of goods sold in the same condition as purchased. Rent paid and interest paid is not included.

2.26. **TOTAL OUTPUT** comprises total ex-factory value of products and by-products manufactured as well as other receipts from non industrial services rendered to others, work done for others on material supplied by them, value of electricity produced and sold, sale value of goods sold in the same

conditions purchased, addition in stock of semi- finished goods and value of own construction. Rent received and interest received is not being included from ASI 2001-02.

2.27. **DEPRECIATION** is consumption of fixed capital due to wear and tear and obsolescence 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.

2.28. **NET VALUE ADDED** is arrived by deducting total input and depreciation from total output.

2.29. **COMPONENTS AND ACCESSORIES CONSUMED** are the portion of materials consumed and shown separately to represent as a special type of consumption.

2.30. **IMPORTED MATERIALS CONSUMED ON ACTUAL USE** comprise the portion of materials consumed that are imported from other countries. It may be raw materials or fuels or components and accessories of the input basket.

2.31. **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 for materials supplied by others, but excludes the value of semi- finished fixed assets produced for factory's own use.

2.32. **FINISHED GOODS** of the factory are the ultimate products ready for sale. It does not require further processing but needs packaging and labeling etc.

CHAPTER – THREE

PRINCIPAL CHARACTERISTICS BY MAJOR INDUSTRIAL ACTIVITY

3.1 **Principal Aggregates** :The distribution of some of the selected aggregates in absolute and percentage terms by the manufacturing and other sector of industrial activity in Goa covered by the Annual Survey of Industries, (ASI) 2004-05 compared with 2003-04 are given below :

TABLE NO. 3.1

Principal Characteristics by Major Economic Activity

Principal Characteristics	Unit	Manufacturing		Others		All	
		2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8
Factories	Number	534	500	15	18	549	518
	(%)	(97)	(97)	(3)	(3)	(100)	(100)
Fixed Capital	Rs. in crore	3563	3995	176	162	3739	4157
	(%)	(95)	(96)	(5)	(4)	(100)	(100)
Invested Capital	Rs. in crore	5310	6048	188	174	5498	6222
	(%)	(97)	(97)	(3)	(3)	(100)	(100)
Workers	Number	24601	27617	411	802	25012	28419
	(%)	(98)	(97)	(2)	(3)	(100)	(100)
Total persons engaged	Number	33923	36622	534	959	34457	37581
	(%)	(98)	(97)	(2)	(3)	(100)	(100)
Wages to workers	Rs. in crore	171	208	2	3	173	211
	(%)	(99)	(99)	(1)	(1)	(100)	(100)
Total Emoluments	Rs. in crore	334	501	6	8	340	509
	(%)	(98)	(98)	(2)	(2)	(100)	(100)
Input	Rs. in crore	8836	11875	146	163	8992	12038
	(%)	(98)	(99)	(2)	(1)	(100)	(100)
Gross Output	Rs. in crore	11428	15221	192	202	11620	15423
	(%)	(98)	(99)	(2)	(1)	(100)	(100)
Depreciation	Rs. in crore	332	394	18	20	350	414
	(%)	(95)	(95)	(5)	(5)	(100)	(100)
Net Value Added	Rs. in crore	2259	2952	29	19	2288	2971
	(%)	(99)	(99)	(1)	(1)	(100)	(100)
Net Income	Rs. in crore	1985	2690	26	19	2011	2709
	(%)	(99)	(99)	(1)	(1)	(100)	(100)

Figures in bracket indicate percentages.

3.2 The number of factory units covered under the Annual Survey of Industries during 2003-04 was 549 as compared to 518 units during 2004-05. It is observed from Table 3.1 that 534 factory units engaged in the manufacturing activities in the year 2003-04 are decreased to 500 in 2004-05. However the units covered under other industrial activities were increased from 15 in 2003-04 to 18 in 2004-05.

3.3 The share of manufacturing sector in the total fixed capital has increased from 95%(Rs.3563 Crores) during 2003-04 to 96%(Rs.3995 Crores) during 2004-05. The percentage of fixed capital accounted for by the factories covered under other group of industries was 5% and 4% during 2003-04 and 2004-05 respectively. The number of workers employed were 98% & 97% each during both the years and were paid 99% of wages during both the years in the manufacturing sector. The Gross output produced under manufacturing sector was valued at Rs.11428 crore & Rs.15221 crore or 98% and 99% during the respective years considered for survey. Contribution of Net Value Added by manufacture was Rs.2259 crore and Rs.2952 crore (both 99%) of the respective totals during both the years. The percentage growth during 2004-05 over 2003-04 in respect of important characteristics is exhibited in table 3.2 below.

TABLE NO. 3.2

Percentage growth during 2004-05 over 2003-04 in Principal Characteristics by Major Economic Activity

Principal Characteristics	Manufacturing	Others	All Industries
1	2	3	4
Factories	-6.4	20.0	-5.6
Fixed Capital	12.1	-8.0	11.2
Invested Capital	13.9	-7.4	13.2
Workers	12.3	95.1	13.6
Total persons engaged	8.0	79.6	9.1
Wages to workers	21.6	50.0	22.0
Total Emoluments	50.0	33.3	49.7
Input	34.4	11.6	33.9
Gross Output	33.2	5.2	32.7
Depreciation	19.0	5.6	18.3
Net Value Added	30.7	-34.5	29.9
Net Income	35.5	-26.9	34.7

3.4 Growth: It is observed that total number of factory units is decreased by 6.4% during 2004-05. It may be noted that the gross output has increased by 32.7% during 2004-05 over 2003-04. The growth in net value added during 2004-05 over 2003-04 was 29.9%. Among other characteristics enjoying positive growth in manufacturing sector are Fixed Capital (12.1%), Invested Capital (13.9%), Workers (12.3%), Total persons engaged (8.0%), Wages to workers (21.6%), Total Emoluments (50%), Input (34.4%), Gross Output (33.2%), Depreciation (19.0%), Net Value Added (30.7%) and Net Income (35.5%).

TABLE NO. 3.3

Structural Ratios and Technical Coefficients by Major Economic Activity

Item	Unit	Manufacturing		Others		All	
		2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8
Structural Ratios							
Fixed capital per factory	Rs. in lakh	667.2	799.0	1173.3	900.0	681.1	802.5
Gross output per factory	Rs. in lakh	2140.1	3044.2	1280.0	1122.2	2116.6	2977.4
Net value added per factory	Rs. in lakh	423.0	590.4	193.3	105.6	416.8	573.6
Workers per factory	Number	46	55	27	45	46	55
Persons engaged per factory	Number	64	73	36	53	63	73
Fixed capital per person engaged	Rs. in lakh	10.5	10.9	33.0	16.9	10.9	11.1
Gross output per person engaged	Rs. in lakh	33.7	41.6	36.0	21.1	33.7	41.0
Net value added per person engaged	Rs. in lakh	6.7	8.1	5.4	2.0	6.6	7.9
Total emoluments per person engaged	Rs. in lakh	1.0	1.4	1.1	0.8	1.0	1.4
Wages per worker	Rs. in lakh	0.7	0.8	0.5	0.4	0.7	0.7
Technical Coefficient							
Fixed capital to Net value added		1.58	1.35	6.07	8.53	1.63	1.40
Fixed capital to Gross output		0.31	0.26	0.92	0.80	0.32	0.27
Net value added to Gross output		0.20	0.19	0.15	0.09	0.20	0.19
Total emoluments to Net value added		0.15	0.17	0.21	0.42	0.15	0.14

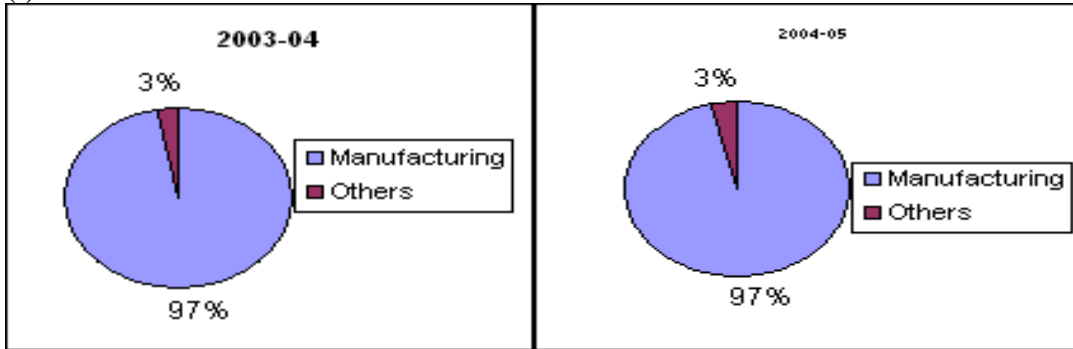
3.5 **Some technical structural ratios/coefficients:** Above table reveals certain important structural ratios and coefficients which are the basic structure of the contribution to the economy.

3.6 The fixed capital utilized by each factory unit in case of all the activities and that under manufacturing sector, which also forms the major sector, works out to the value of Rs.681. lakh and Rs.802.5 lakh and Rs.667.2 lakh and Rs. 799 lakh respectively during 2003-04 & 2004-05. The ratio of Net value added per factory shows an upward trend in the year 2004-05 as compared to 2003-04 under manufacturing sector but it has declined under "Others category". Workers per factory have increased from 46 in 2003-04 to 55 in 2004-05. Gross Output & Net value added per person engaged shows an

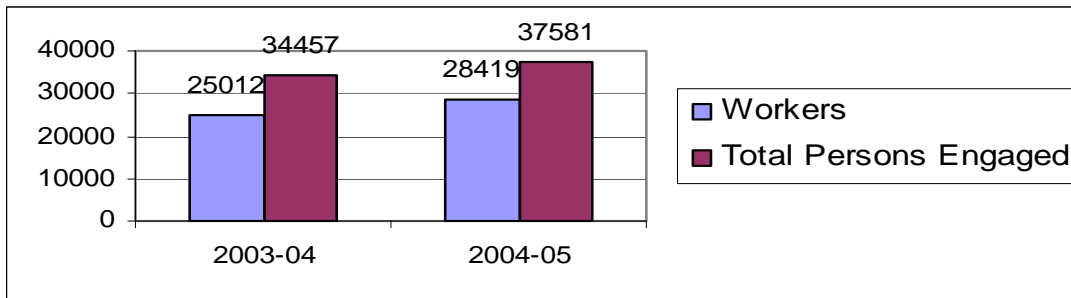
increasing trend in manufacturing sector but depicts contra results in other group of industries. Average wages per worker per annum works out to Rs.70 thousand for both the years in respect of all activities. It can be seen that the coefficient of fixed capital to net value added stood at 1.63 and 1.40 as far as all activities are concerned for both years. The coefficient of Fixed Capital to Gross Output has declined from 0.32 in 2003-04 to 0.27 in 2004-05. However, the decline in the coefficient of net value added to gross output during 2004-05 over 2003-04 was marginal.

PRINCIPAL CHARACTERISTICS BY MAJOR ECONOMIC ACTIVITY

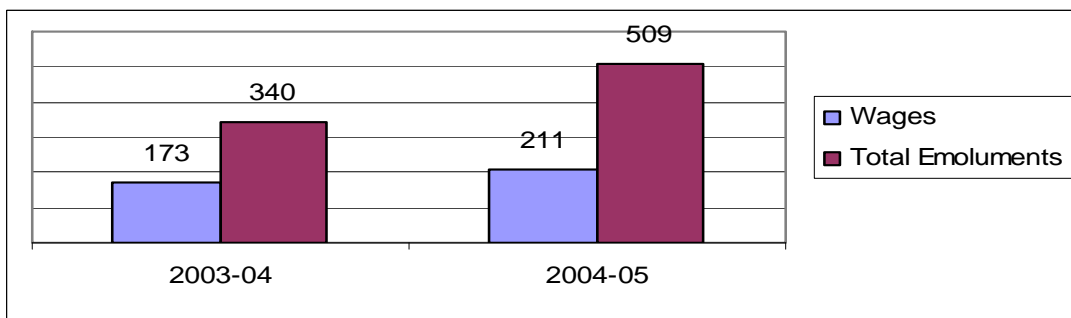
(i) Number of Factories



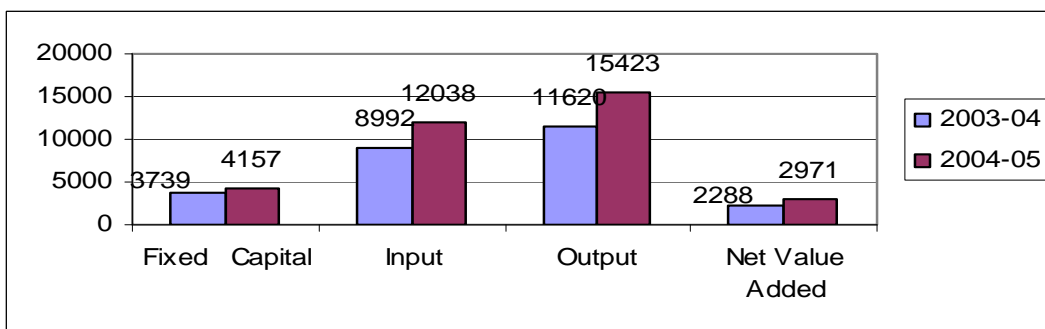
(ii) Number of workers & Persons engaged



(iii) Wages & Emoluments (Rs. in crores)



(iv) Comparison of important characteristics (Rs. in crores)



CHAPTER – FOUR

DISTRIBUTION OF FACTORIES BY SIZE OF EMPLOYMENT

4.1 Table 4.1 reveal the distribution of factories in absolute and percentage terms, by employment range groups as regards certain selected characteristics associated with them. The results for the year 2004-05 are compared with the previous year figures indicating particular percentages.

TABLE NO. 4.1

**Distribution of factories by size of employment
(Rs. in crores)**

Employment range	Factories (Number)		Fixed Capital		Workers (Number)		Gross Output		Net value added	
	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9	10	11
0-49 (%)	335 (61)	303 (58)	523 (14)	485 (12)	4899 (20)	4395 (15)	1386 (12)	1479 (10)	194 (8)	168 (6)
50-99 (%)	109 (20)	88 (17)	735 (20)	440 (11)	5683 (23)	4380 (15)	2657 (23)	3246 (21)	475 (21)	365 (12)
100-199 (%)	67 (12)	76 (15)	680 (18)	793 (19)	5701 (23)	6899 (24)	2632 (23)	3589 (23)	736 (32)	1062 (36)
200-499 (%)	31 (6)	40 (8)	1383 (37)	1854 (45)	5793 (23)	8543 (30)	2628 (23)	3545 (23)	607 (27)	682 (23)
500 & above (%)	7 (1)	10 (2)	417 (11)	585 (14)	2936 (12)	4202 (15)	2317 (20)	3565 (23)	274 (12)	694 (23)
Total (%)	549 (100)	518 (100)	3748 (100)	4157 (100)	25012 (100)	28419 (100)	11620 (100)	15423 (100)	2288 (100)	2971 (100)

Figures in bracket indicate percentages.

Out of the total number of 518 factories canvassed during 2004-05, factory units employing less than 50 persons were found to be covering 58% or 303 units of the total and this coverage is less by three percentage points as compared to 2003-04. The units employing persons between 200-499 were found leading in utilization of fixed capital i.e. 45% and provided employment to the workers to the tune of 30%. 23% of the Gross output was recorded as the highest yield of the factory units that classified under the ranges 100-199, 200-499 and 500 & above while the factories in the range of 100-199 generated highest percentage of Net value added during the year in consideration which was worth 36% of the total.

TABLE NO. 4.2

**Percentage growth in Factories by Size of Employment
during 2004-05 over 2003-04**

Employment range	Factories (Number)	Fixed capital	Workers (Number)	Gross output	Net value added
1	2	3	4	5	6
0-49	-9.6	-7.3	-10.3	6.7	-13.4
50-99	-19.3	-40.1	-22.9	22.2	-23.2
100-199	13.4	16.6	21.0	36.4	44.3
200-499	29.0	34.1	47.5	34.9	12.4
500 & above	42.9	40.3	43.1	53.9	153.3
Total	-5.6	10.9	13.6	32.7	29.9

4.2 Table 4.2 reveals a decrease of 5.6% in factories canvassed during 2004-05 compared to 2003-04. The maximum growth of 40.3% in Fixed Capital is noticed in the employment range of 500 & above followed by 34.1% in the range of 200-499. The highest growth in number of workers employed is in the range of 200-499 and 500 & above being 47.5% & 43.1% respectively. The employment range of 500 & above secured 53.9% of Gross Output over the year 2003-04. NVA shows a significant increase of 153.3% in 500 & above range followed by 44.3% in the range of 100-199. The parameters like factories, fixed capital and workers seen put in mixed results.

TABLE NO. 4.3

Structural Ratios and Technical Coefficients by Size of Employment

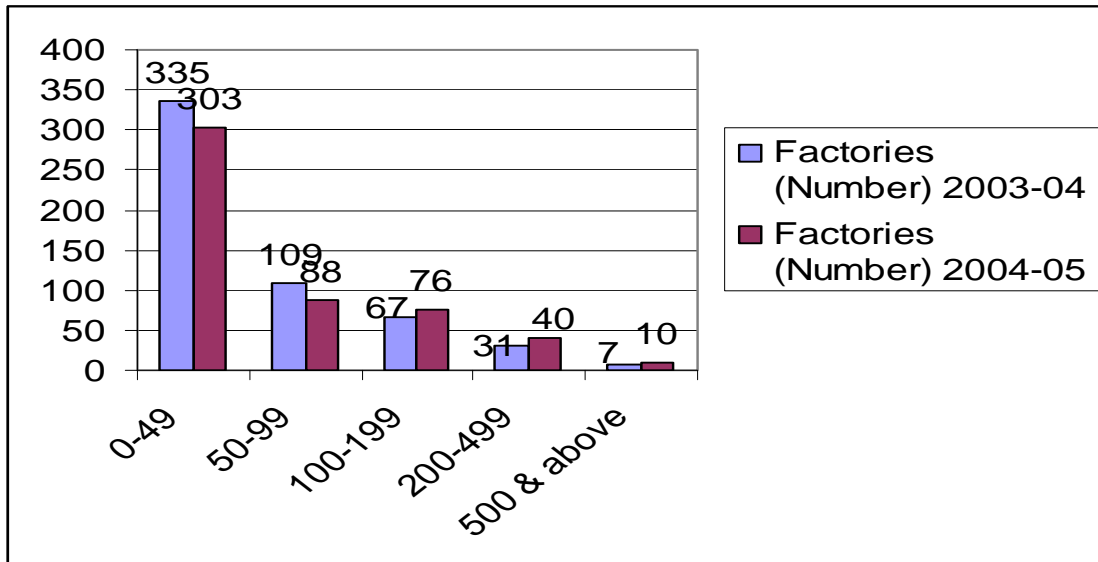
Employment range	Fixed capital per person engaged (Rs. in lakh)		Net value added per person engaged (Rs. in lakh)		Wages per worker (Rs. in lakh)		Technical Coefficient							
							FC to NVA		FC to GOP		NVA to GOP		Total Emoluments to NVA	
	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0-49	7.67	8.05	2.34	2.78	0.42	0.47	2.70	2.89	0.38	0.33	0.14	0.11	0.22	0.25
50-99	9.43	7.18	6.09	5.96	0.50	0.59	1.55	1.21	0.28	0.14	0.16	0.11	0.13	0.15
100-199	8.34	8.36	9.05	11.19	0.60	0.67	0.92	0.75	0.26	0.22	0.28	0.30	0.10	0.10
200-499	17.27	17.04	7.59	6.27	0.78	0.74	2.28	2.72	0.53	0.52	0.23	0.19	0.14	0.17
500 & above	11.36	11.54	7.46	13.69	1.51	1.33	1.52	0.84	0.18	0.16	0.12	0.19	0.27	0.13
Total	10.85	11.06	6.84	7.91	0.69	0.74	1.63	1.40	0.32	0.27	0.20	0.19	0.15	0.17

Structural ratios and technical coefficient : Table 4.3 denotes certain important ratios and coefficient. The average least value of fixed capital utilized during 2004-05 in the range of 50-99 is Rs.7.18 lakh and highest in the range of 200-499 is Rs.17.04 lakh. Highest value of NVA of Rs.13.69 lakh per persons engaged among all the employment ranges was generated in the employment range employing 500 & above and also highest average wage remuneration was paid in the same employment range i.e. Rs.1.33 lakh during the year 2004-05.

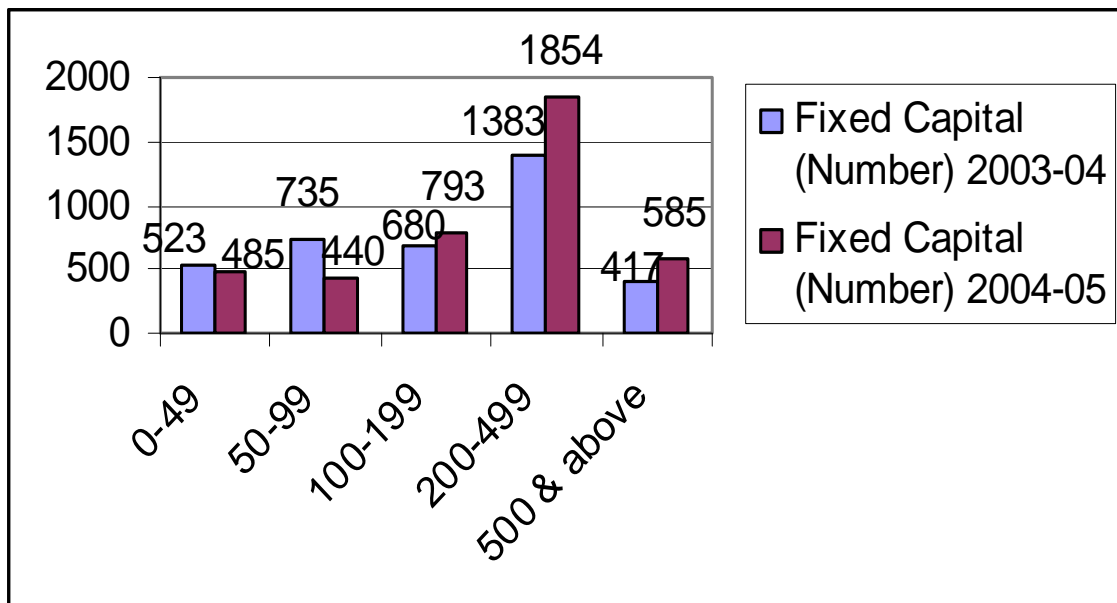
The Net value added co-efficient measured by value of Fixed Capital required to generate each rupee of net value added i.e. (FC to NVA) varies from a low value of 0.75 among factories of employment size class 100-199 to a high value of 2.89 in case of factories employing persons below 49 in the year 2004-05, while FC to Gross Output ranged from 0.14 to 0.52 among the factories employment range class of 50-99 and 200-499 respectively during the year 2004-05. The value of NVA to Gross output is highest in group 100-199. Total emoluments to NVA resulted are observed ranging between 0.10 to 0.25 in employment range 100-199 and below 50 respectively, in other words 10% to 25% of NVA generated was disbursed as emoluments as least and highest remuneration during the current year in the whole set up.

DISTRIBUTION OF FACTORIES BY SIZE OF EMPLOYMENT

(i) Number of factories



(ii) Fixed Capital (Rs. in crores)



CHAPTER – FIVE

DISTRIBUTION OF FACTORIES BY SIZE OF CAPITAL

5.1 Principal Characteristics: The distribution of factories together with their share in certain selected characteristics by size of capital, viz. the undepreciated gross value of plant and machinery installed in the factory whether owned or leased in, is given in Table 5.1 along with the percentage distribution of factories according to the investment in Plant and Machinery duly compared with the earlier year.

TABLE NO. 5.1

Principal Characteristics by Size of Capital

(Value in Rs. crore)

Capital range of Plant & Machinery (Rs. lakh)	Factories (Number)		Fixed Capital		Workers (number)		Gross Output		Net Value Added	
	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9	10	11
Upto 1.0 (%)	155 (28.23)	134 (25.87)	67 (1.79)	35 (0.84)	2976 (11.90)	2919 (10.27)	391 (3.36)	361 (2.34)	95 (4.15)	47 (1.58)
1 - 2.5 (%)	5 (0.91)	8 (1.54)	1 (0.03)	1 (0.02)	109 (0.44)	291 (1.02)	9 (0.08)	67 (0.43)	1 (0.04)	7 (0.24)
2.5 - 5.0 (%)	13 (2.37)	9 (1.74)	2 (0.05)	1 (0.02)	283 (1.13)	150 (0.53)	12 (0.10)	11 (0.07)	2 (0.09)	2 (0.07)
5.0 - 10 (%)	14 (2.55)	6 (1.16)	2 (0.05)	1 (0.02)	163 (0.65)	94 (0.33)	60 (0.52)	57 (0.37)	14 (0.61)	8 (0.28)
10.0 - 20 (%)	9 (1.64)	9 (1.74)	2 (0.05)	4 (0.10)	101 (0.40)	126 (0.44)	14 (0.12)	32 (0.21)	2 (0.09)	5 (0.17)
>20.0 (%)	353 (64.30)	352 (67.95)	3665 (98.02)	4115 (99.00)	21380 (85.48)	24839 (87.40)	11134 (95.82)	14895 (96.58)	2175 (95.06)	2902 (97.68)
Total (%)	549 (100.00)	518 (100.00)	3739 (100.00)	4157 (100.00)	25012 (100.00)	28419 (100.00)	11620 (100.00)	15423 (100.00)	2288 (100.00)	2971 (100.00)

Figures in bracket indicate percentages.

The concentration of as much as 353 and 352 establishments or 64% and 68% of the total number of registered factories canvassed during the years 2003-04 and 2004-05, invested on an average an amount of Rs.20 lakh and more in plant and machinery. The factories covered under this class controlled all the attributes like Fixed Capital, Gross Output and NVA during both the years as all of them scored percentages above 85 employing more than 85% and 87% workers during the year 2003-04 and 2004-05 respectively.

These factories in the capital range of Rs.20.00 lakh and above utilized fixed capital worth Rs.3665crore and Rs.4115crore (98% and 99% each) of the total, which provided employment to 21380 and 24839 (85% & 87%) of all the workers engaged i.e. 25012 & 28419 for the year 2003-04 & 2004-05 respectively. The contribution of the factories of above 20 lakh capital range towards gross output and net value added by manufacture were of the tune of Rs.11134 crore and Rs.14895 crore or 96% & 97% and Rs.2175 crore or 95% and Rs.2902 crore or 98% respectively during the years compared and thereby controlled the whole set up. As against these, factories with gross investment in plant & machinery up to Rs.1.00 lakh which stood next covered 155 and 134 (28% and 26%) factories in number, used about Rs.67 crore and Rs.35 crore (2% & 0.84%) of the fixed capital. Further this group engaged 2976 and 2919 of the total workforce, it produced goods and services worth Rs.391 crore & Rs.361 crore of the total gross output and contributed Rs.95 crore & Rs.47 crore respectively of the total net value added by manufacture.

The lowest numbers of factories covered during 2003-04 were noticed in the capital range 1 – 2.5 lakh and were 5 or 1% & 6 or 1% in the capital range group's 5-10 lakh during 2004-05. The lowest fixed capital of Rs1.00crores (0.03%) was found in the capital range of 1-2.5 during 2003-04 and it was Rs. 1.00 crore (0.02%) in the capital range of 1-2.5, 2.5-5.0, and 5.0-10.0 during 2004-05. The least number of workers employed were 101 and 94 workers in the capital range 10-20 and 5-10 lakh respectively in the current and earlier year who produced goods/services of the value of Rs.14 crore & Rs.57 crore contributing to the net income in the form of Net value added of the order of Rs.2 crore & Rs.8 crore of the total Net Value added during the years 2003-04 and 2004-05.

TABLE NO. 5.2

Percentage Growth in Principal Characteristics by Size of Capital during 2004-05 over 2003-04

Capital range of Plant & Machinery (Rs. in lakh)	Factories (Number)	Fixed Capital	Workers (Number)	Gross Output	Net Value Added
1	2	3	4	5	6
Upto 1.0	-13.5	-47.8	-1.9	-7.7	-50.5
1.0 - 2.5	60.0	0.0	167.0	644.4	600.0
2.5 - 5.0	-30.8	-50.0	-47.0	-8.3	0.0
5.0 - 10.0	-57.1	-50.0	-42.3	-5.0	-42.9
10.0 - 20.0	0.0	100.0	24.8	128.6	150.0
>20.0	-0.3	12.3	16.2	33.8	33.4
Total	-5.6	11.2	13.6	32.7	29.9

5.2 Table 5.2 exhibits the growth in canvassed factories during 20004-05 over the previous year in terms of factories with gross investment in plant and machinery. Factories investing in plant and machinery between Rs.1 – 2.5 lakh have increased during 2004-05 by 60% and in all other ranges there was decline in the number of factories

The additional fixed capital installed was of the order of 100% over the year 2003-04 followed by 12.3% observed in the range of 10-20lakhs and > 20lakhs group investment respectively.

Gross output grew by 644.4% in capital range 1 to 2.5lakhs, as, also maximum growth in NVA i.e. 600% is observed in these factories investing in plant and machinery. The growth in NVA varied from -50.5% to 600% over the different capital ranges of investment in Plant and Machinery with average growth for all the units registering at 29.9%.

5.3 **Structural Ratios and Technical Coefficients** : Table 5.3 below reveals structural ratios and technical coefficient of factories, classified by size of capital invested in plant and machinery.

TABLE NO. 5.3

Structural Ratios and Technical Coefficients by Size of Capital

Capital range of Plant & Machinery (Rs.)	Fixed capital per person engaged (Rs. in lakh)		Net value added per person engaged (Rs. in lakh)		Wages per worker (Rs. in lakh)		Technical Coefficient							
							FC to NVA		FC to GOP		NVA to GOP		Total Emoluments to NVA	
	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Upto 1.0	1.76	0.97	2.5	1.30	0.29	0.31	0.71	0.74	0.17	0.10	0.24	0.13	0.16	0.30
1.0 - 2.5	0.45	0.31	0.65	2.12	0.23	0.23	0.70	0.15	0.06	0.02	0.09	0.11	0.51	0.15
2.5 - 5.0	0.52	0.84	0.6	1.22	0.37	0.37	0.89	0.69	0.14	0.14	0.15	0.20	0.56	0.35
5.0 - 10.0	0.97	0.55	5.9	6.56	0.61	0.34	0.16	0.08	0.04	0.01	0.23	0.15	0.07	0.07
10.0 - 20.0	1.7	2.30	1.24	3.19	0.55	0.31	1.38	0.72	0.17	0.12	0.12	0.17	0.36	0.14
>20.0	12.2	12.40	7.29	8.74	0.76	0.75	1.69	1.42	0.33	0.28	0.20	0.19	0.15	0.14
Total	10.85	11.06	6.64	7.91	0.69	0.74	1.63	1.40	0.32	0.27	0.20	0.19	0.15	0.14

The lowest and the highest ratio for Fixed Capital per person engaged during 2003-04 was Rs.0.45 lakh and Rs.12.20 lakh in the capital range of 1 – 2.5 and >20 lakh respectively, while during 2004-05 it was between Rs.0.31 lakh to Rs.12.40 lakh over the same capital ranges. The Net value added contributed by each person engaged was as high as Rs.7.29 lakh and Rs.8.74

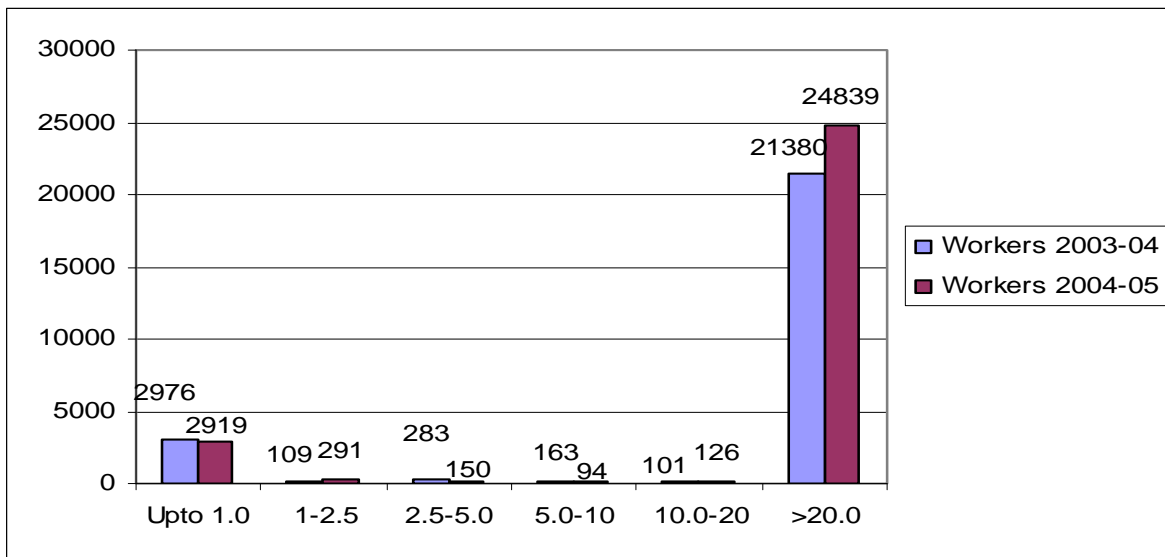
lakh in the factories of investment in the capital range of Plant and Machinery above Rs.20 lakh for the year 2003-04 and 2004-05 respectively and the lowest being Rs.0.60lakh and Rs.1.22lakh respectively in the capital range of 2.5-10.0 in both the years.

The workers employed in the capital range of investment Rs.20.0lakh & above were paid average highest remuneration to the tune of Rs.76000 and Rs.75000 per annum during the respective years, average remuneration of all the capital ranges being Rs.69 thousand and Rs.74 thousand respectively for the years under consideration.

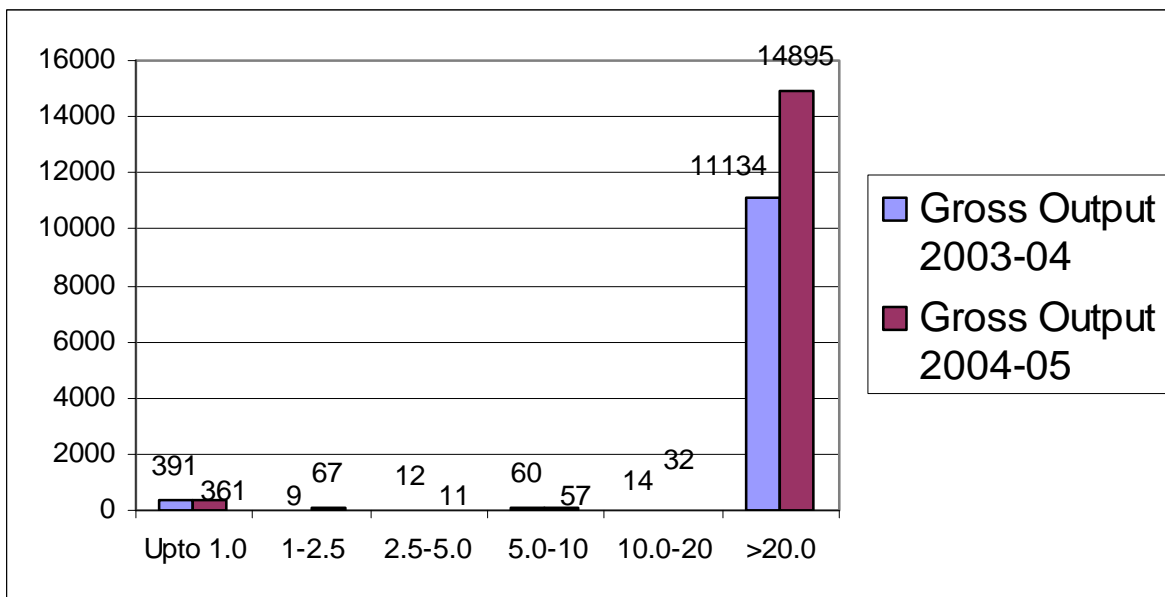
As far as co-efficient is concerned, least Fixed Capital utilized to generate Net Value Added worth a rupee noted during 2003-04 and 2004-05 is 0.16 and 0.08 in the capital range 5 to 10 lakhs during both the years. However, the highest is in the range of Rs.20.0 lakh and above in both the years. Highest Fixed Capital utilized to produce Gross Output is 0.28 and the least is 0.01 which falls in the range of >20.0 and 5-10 respectively for the year 2004-05. The Highest NVA to GOP is in the range of Rs 2.5 – 10.0 i.e. 0.20 and lowest is in the range of Rs.1.0 – 2.5 is 0.11, for the current year.

PRINCIPAL CHARACTERISTICS BY SIZE OF CAPITAL

(i) Number of Workers



(ii) Gross Output (Rs. in crores)



CHAPTER – SIX

DISTRIBUTION OF FACTORIES BY TYPE OF OWNERSHIP

Principal Characteristics : Table No.6.1 indicate the distribution of factories canvassed during the years 2003-04 and 2004-05 in absolute and percentage terms by type of ownership viz. public, private and joint sectors.

TABLE NO. 6.1

Principal Characteristics by Type of Ownership

(Value in Rs.crore)										
Type of Ownership	Factories		Fixed Capital		Workers (Number)		Output		Net Value Added	
	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9	10	11
1. Wholly Central Govt (%)	-	1 (0.19)	-	0 (0)	-	7 (0.02)	-	0 (0)	-	0 (0)
2. Wholly State Govt. (%)	2 (0.36)	2 (0.39)	6 (0.16)	6 (0.14)	168 (0.67)	167 (0.59)	22 (0.19)	16 (0.10)	3 (0.13)	3 (0.10)
3. Central & State/local Govt (%)	1 (0.18)	1 (0.19)	3 (0.08)	4 (0.10)	52 (0.21)	50 (0.18)	2 (0.02)	2 (0.01)	2 (0.09)	1 (0.03)
4. Public Sector (1+2+3) (%)	3 (0.55)	4 (0.77)	9 (0.24)	10 (0.24)	220 (0.88)	224 (0.79)	24 (0.21)	18 (0.12)	5 (0.22)	4 (0.13)
5. Joint Sector (Public) (%)	9 (1.64)	2 (0.39)	52 (1.39)	18 (0.43)	1311 (5.24)	185 (0.65)	301 (2.59)	41 (0.27)	73 (3.19)	-16 (-0.54)
6. Joint Sector (Private) (%)	3 (0.55)	-	1 (0.03)	-	119 (0.48)	-	57 (0.49)	-	5 (0.22)	-
7. Joint Sector (5+6) (%)	12 (2.19)	2 (0.39)	54 (1.44)	18 (0.43)	1430 (5.72)	185 (0.65)	358 (3.08)	41 (0.27)	78 (3.41)	-16 (-0.54)
8. Wholly Private (%)	533 (97.09)	512 (98.84)	3676 (98.32)	4129 (99.33)	23363 (93.41)	28010 (98.56)	11238 (96.71)	15364 (99.62)	2205 (96.37)	2983 (100.40)
Total (%)	549 (100.00)	518 (100.00)	3739 (100.00)	4157 (100.00)	25012 (100.00)	28419 (100.00)	11620 (100.00)	15423 (100.00)	2288 (100.00)	2971 (100.00)

It is observed that the public sector factories either owned wholly or jointly by the Central, State or Local Governments are recorded 3 and 4 in number (0.6% and 0.8%) of the total factories during the year 2003-04 and 2004-05 respectively. These factories controlled Rs.9crore or 0.24% and 10crore or 0.24% each of the total fixed capital and engaged 220 or 0.88% and 224 or 0.79% of the total workforce respectively in the registered factories sector during 2003-04 and 2004-05 respectively. Their shares in the total gross output and net value added were Rs.24crore and Rs.18crore or 0.21% and 0.12% and Rs.5crore and Rs.4crore or 0.22% and 0.13% of the respective totals.

As against these, the number of factories belonging to wholly private ownership category, being very large in number viz. 533 and 512 or 97% and 99% of the total factories, controlled the whole set up dominating in all attributes over all the sectors. This sector alone provided employment to 23,363 and 28010 workers during the years under discussion, which works out to 93% & 99% for both the years, utilized fixed capital worth Rs.3676crore (98.3%) and Rs.4129 crore (99.33%) and thereby produced goods/services worth Rs.11,238crore or 97% and Rs.15364 crore (99.62%) which accounted for increasing the level of income of the state in the form of net value added by Rs.2,205crore or 97% and Rs.2983 crore (100%) respectively of the total for both the years i.e. 2003-04 and 2004-05. The third sector i.e. Joint sector covered 12 and 2 factories each, utilized fixed capital worth Rs.54crore and Rs.18crore engaged 1,430 and 185 workers manufactured products of the value of Rs.358crore and R .41 crore during both the years. The NVA generated is of the order of Rs.78crore and Rs. (-) 16crore respectively.

TABLE NO. 6.2

Percentage growth in Principal Characteristics by type of Ownership during 2004-05 over 2003-04

Type of Ownership	Factories (Number)	Fixed Capital	Workers (Number)	Output	Net Value Added
1	2	3	4	5	6
1. Wholly Central Govt.	100.0	-	100.0	-	-
2. Wholly State Govt.	0	0	-0.6	-27.3	0
3. Central & State/local Govt.	0	33.3	-3.8	0.0	-50.0
4. Public Sector (1+2+3)	33.3	11.1	1.8	-25.0	-20.0
5. Joint Sector (Public)	-77.8	-65.4	-85.9	-86.4	-121.9
6. Joint Sector (Private)*	-100.0	-100.0	-100.0	-100.0	-100.0
7. Joint Sector (4+5+6)	-83.3	-66.7	-87.1	-88.5	-120.5
8. Wholly Private	-3.9	12.3	19.9	36.7	35.3
Total	-5.6	11.2	13.6	32.7	29.9

Growth: In spite of decline in the number of factories by 21 (i.e. (-) 3.9% growth) in the wholly private sector, the growth in the fixed capital was of the order of 12.3%, it also registered additional employment to the workers to the tune of 19.9% and in the bargain

produced goods and services with a growth of 37% thereby generating the State income by way of Net value added which is higher by 35%.

TABLE NO. 6.3

Structural Ratios and Technical Coefficients by Type of Ownership

Type of Ownership	Fixed capital per person engaged (Rs. in lakh)		Net value added per person engaged (Rs. in lakh)		Wages per worker (Rs. in lakh)		Technical Coefficient							
							FC to NVA		FC to GOP		NVA to GOP		Total Emoluments to NVA	
	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Wholly Central Govt.	-	0.67	-	0.89	-	0.29	-	0.75	-	0.12	-	0.15	-	0.38
2. Wholly State Govt.	2.35	1.98	1.18	0.87	0.92	0.94	2.00	2.26	0.29	0.38	0.15	0.17	0.96	1.11
3. Central & State/local Govt.	3.40	5.39	1.87	1.77	0.88	1.06	1.82	3.04	1.25	1.95	0.68	0.64	0.67	0.85
4. Public Sector (1+2+3)	2.60	2.57	1.34	1.03	0.91	0.94	1.94	2.47	0.38	0.54	0.20	0.22	0.86	1.01
5. Joint Sector (Public)	3.03	6.88	4.25	-6.25	0.80	0.82	0.71	-1.10	0.17	0.43	0.24	-0.39	0.27	-0.19
6. Joint Sector (Private) *	0.90	-	3.10	-	1.04	-	0.29	-	0.02	-	0.09	-	0.47	-
7. Joint Sector (5+6)	2.85	6.88	4.15	-6.25	0.82	0.82	0.69	-1.10	0.15	0.43	0.22	-0.39	0.28	-0.19
8. Wholly Private	11.41	11.18	6.84	8.07	0.68	0.74	1.67	1.38	0.33	0.27	0.20	0.19	0.14	0.14
Total	10.85	11.06	6.64	7.91	0.69	0.74	1.63	1.40	0.32	0.27	0.20	0.19	0.15	0.14

Structural ratios and technical coefficients: Table 6.3 sets out certain structural ratios and technical coefficients for each type of ownership. On an average each person engaged in wholly private sector generated an income in the form of net value added which is worth Rs.6.84 lakh and Rs.8.07 lakh during both years being the highest under any ownership group among all. It utilized fixed capital worth Rs.11.41 lakh and Rs.11.2 lakh respectively during 2003-04 and 2004-05 but the remuneration paid to each worker in this profit oriented section is of the order of Rs.68 thousand & Rs.74 thousand respectively which is the lowest among all the groups, except the Central Government. In general, Joint sector and public sector enjoys privilege to pay a handsome usage to its workers during both the years under discussion.

The net value added for each rupee of gross output produced in public sector has increased from 20paise in 2003-04 to 0.22paise in 2004-05 and in private sector it has declined from 20paise to 19paise for the same years. Each rupee of gross output produced came from utilization of fixed capital worth 38paise and 54paise respectively during 2003-04 and 2004-05 in the public sector and it was 33paise and 27paise in wholly private sector during respective years. Similarly each rupee of net value added has come from utilization of fixed capital worth of Rs.1.94 and Rs.2.47 during 2003-04 and 2004-05 respectively in public sector, while it was Rs1.67. and Rs.1.38 during respective years in wholly private sector.

Among all the sectors, the average emoluments paid to persons engaged in production activity in relation to NVA generated was higher in public sector during both the years.

CHAPTER – SEVEN

DISTRIBUTION OF FACTORIES BY TYPE OF ORGANISATION

7.1 Principal Characteristics: Table 7.1 gives the distribution of factories and other related aggregates in absolute and percentage terms respectively by type of organization. The organizations are classified as (i) Individual proprietorship, (ii) Joint family (iii) Partnership, (iv) Public limited company, (v) Private limited company, (vi) Khadi and village industry and (vii) Co-operative Society. The public limited companies and private limited company constitute the corporate sector.

Table 7.1

Principal Characteristics by Type of Organisation

(Value in Rs. Crore)

Type of Organisation		Factories (Number)		Fixed Capital		Workers (number)		Gross Output		Net Value Added	
		2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9	10	11	12
1	Individual proprietorship (%)	77 (14.03)	64 (12.36)	15 (0.40)	12 (0.29)	1178 (4.71)	1106 (3.89)	223 (1.92)	239 (1.55)	40 (1.75)	35 (1.18)
2	Joint Family (%)	1 (0.18)	6 (1.16)	0.08 (0.00)	2 (0.05)	2 (0.01)	43 (0.15)	0.02 (0.00)	4 (0.03)	0 (0.00)	1 (0.03)
3	Partnership (%)	108 (19.67)	94 (18.15)	62 (1.66)	52 (1.25)	2404 (9.61)	2496 (8.78)	260 (2.24)	319 (2.07)	77 (3.37)	43 (1.45)
4	Public Limited Company (%)	146 (26.59)	146 (28.19)	2808 (75.10)	3125 (75.17)	13356 (53.40)	15917 (56.01)	8536 (73.46)	11455 (74.27)	1762 (77.01)	2372 (79.84)
5	Private Limited Company (%)	214 (38.98)	205 (39.58)	848 (22.68)	961 (23.12)	7740 (30.95)	8570 (30.16)	2530 (21.77)	3332 (21.60)	405 (17.70)	514 (17.30)
6	Corporate Sector (4+5) (%)	360 (65.57)	351 (67.76)	3656 (97.78)	4086 (98.29)	21097 (84.35)	24487 (86.16)	11067 (95.24)	14787 (95.88)	2167 (94.71)	2886 (97.14)
7	Khadi & village Industry (%)	1 (0.18)	1 (0.19)	3 (0.08)	4 (0.10)	220 (0.88)	178 (0.63)	13 (0.11)	14 (0.09)	-11 (-0.48)	2 (0.07)
8	Co-operative Society (%)	2 (0.36)	2 (0.39)	1 (0.03)	2 (0.05)	111 (0.44)	108 (0.38)	57 (0.49)	60 (0.39)	5 (0.22)	5 (0.17)
Total		549	518	3739	4157	25012	28419	11620	15423	2288	2971
%		(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)	(100.00)

Figures in brackets indicate percentages

The corporate sector as usual, having controlled the industrial scenario under type of organisation, accounted for 360 and 351 factories or 66% and 68% of the total number of factories and held fixed capital amounting to Rs.3656 crore and Rs.4086 crore comprising of 98% each of the total fixed capital and employed 21,097 and 24487 workers i.e. (84% and 86%) of the total during the years considered. The contribution of this sector to the value of output is of the order of 95% & 96% in both years respectively, while net valued added generated value at Rs.2167 crore and Rs.2886 crore (95% & 97%) of the total.

Under the corporate sector, factories classified under Private limited company/ organizations are 39% in both the years. They utilized 23% each of the fixed capital, their contribution to the value of output and NVA was 22% each and 18 & 17% respectively and employed 31% & 30% of the total workers to carry out the production activity during the year 2003-04 & 2004-05. It may also be noted that though the number of public limited companies were less than the private limited companies, the fixed capital in public limited companies was as high as 75% during both the years under consideration. The gross output of public limited companies too was significantly high being 73% and 74% respectively which resulted in net value added of 77% and 80% of the total during 2003-04 and 2004-05 respectively. Similarly, these factories had employed more than 50% of the total workers during both the years.

Table No. 7.2

**Percentage growth in Principal Characteristics by
Type of Organisation during 2004-05 over 2003-04**

Type of Organisation	Factories	Fixed Capital	Workers	Output	Net Value Added
1	2	3	4	5	6
1. Individual Proprietorship	-16.9	-20.0	-6.1	7.2	-12.5
2. Joint Family	500.0	2400.0	2050.0	19900.0	1.00
3. Partnership	-13.0	-16.1	3.8	22.7	-44.2
4. Public limited company	0.0	11.3	19.2	34.2	34.6
5. Private limited company	-4.2	13.3	10.7	31.7	26.9
6. Corporate Sector	-2.5	11.8	16.1	33.6	33.2
7. Khadi & Village Industry	0.0	33.3	-19.1	7.7	118.18
8. Cooperative society	0.0	100.0	-2.70	5.26	0.00
Total	-5.6	11.2	13.6	32.7	29.9

Growth : It can be seen that joint family organization have exhibited an overall growth of 500% over the previous year by contributing additional five factories to the total of one in the earlier year. This resulted in increased investment in fixed capital, employment and net value added generated during 2004-05 over 2003-04. However, its contribution to the total remained very very low being less than 1% in all the attributes.

Although there was decline in number of private limited companies by 4.2% there was a significant growth in fixed capital, number of workers, output and net value added being 13.3%, 10.7%, 31.7% and 26.9% respectively during 2004-05 over the previous year. In case of public limited companies, while the number of factories remained the same during the years under reference, there was significant growth in all the attributes during 2004-05 over previous year. There was a decline in the number of individual, partnership organizations during 2004-05 over 2003-04, which resulted in the decline in all other attributes except gross output.

TABLE NO. 7.3

Structural Ratios and Technical Coefficients by Type of Organisation

Type of Ownership	Fixed capital per person engaged (Rs. in lakh)		Net value added per person engaged (Rs. in lakh)		Wages per worker (Rs. in lakh)		Technical Coefficient							
							FC to NVA		FC to GOP		NVA to GOP		Total Emoluments to NVA	
	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Individual Proprietorship	1.03	0.80	2.66	2.36	0.26	0.39	0.39	0.34	0.07	0.05	0.18	0.14	0.12	0.20
2. Joint Family	2.70	3.87	0.00	1.25	0.50	0.28	0.00	3.11	4.00	0.56	0.00	0.18	0.00	0.26
3. Partnership	2.02	1.72	2.49	1.44	0.32	0.29	0.81	1.20	0.24	0.16	0.29	0.13	0.17	0.27
4. Public limited company	15.64	15.12	9.81	11.48	0.90	0.93	1.59	1.32	0.33	0.27	0.21	0.21	0.13	0.11
5. Private limited company	7.40	8.00	3.54	4.28	0.50	0.56	2.09	1.87	0.34	0.29	0.16	0.15	0.23	0.23
6. Corporate Sector	12.43	12.50	7.37	8.83	0.75	0.80	1.69	1.42	0.33	0.28	0.2	0.20	0.15	0.13
7. Khadi & Village Industry	1.08	1.74	-0.03	0.85	0.86	0.76	-31.09	2.05	0.27	0.31	0.09	0.15	-30.55	1.25
8. Cooperative society	0.95	1.10	3.24	3.13	1.09	1.26	0.29	0.35	0.03	0.03	0.09	0.08	0.47	0.56
Total	10.85	11.06	6.64	7.91	0.69	0.74	1.63	1.40	0.32	0.27	0.20	0.19	0.15	0.17

7.2 Structural ratios and technical co-efficient : Table No.7.3 reveals ratios and technical co-efficient of factories classified by type of organization. During the year 2003-04 and 2004-05 the fixed capital worth Rs.12.43 lakh and Rs.12.50 lakh were utilized by each person engaged in the corporate sector, which forms just next to Public Limited Company where this organization utilized fixed capital worth Rs.15.64 lakh and Rs.15.12 lakh respectively per person engaged during the respective years which stands the highest ratio of all the organizations in discussion. Cooperative sector paid a good remuneration to its worker which is of the order of Rs. 1.09 and Rs.1.26 lakh during the year under reference.

Average emoluments paid in relation to generation of NVA of each rupee has increased from Rs.0.15 lakh during 2003-04 to Rs.0.17 lakh during 2004-05.

Annual Survey of Industries, 2004-05
Annexure - 1.0 - Selected Characteristics by Major Industries (Industry Code Numbers)

(Value in lakh, others in numbers)

Characteristics	All	151	153	154	155	172	210	221	222	232
1. Number Of Factories	518	13	4	23	40	15	29	4	8	5
2. Factories In Operation	512	13	4	23	39	15	29	4	8	5
3. Fixed Capital	415697	3293	474	10639	13610	5399	1922	932	1902	10184
4. Physical Working Capital	206502	1176	273	4599	6982	2717	862	155	456	11037
5. Working Capital	131005	390	-13	1965	12749	2795	74	336	2279	13428
6. Invested Capital	622199	4470	746	15238	20592	8116	2784	1087	2359	21222
7. Gross Value Of Addition To Fixed Capital	109229	494	84	942	1370	2339	313	223	445	754
8. Rent Paid For Fixed Assets	4003	22	4	44	29	23	30	38	28	185
9. Outstanding Loan	198291	1074	389	2042	15156	7689	798	596	701	5158
10. Interest Paid	22154	136	26	325	661	380	181	97	5	724
11. Rent Received For Fixed Assets	828	43	3	7	263	4	0	2	57	1
12. Interest Received	619	2	4	0	2	2	2	0	0	0
13. Gross Value Of Plant & Machinery	427290	2494	616	12930	11429	7956	1574	1275	1361	12683
14. Value Of Product And By-Product	1391377	14063	6523	37348	18291	16491	8909	863	4590	51480
15. Total Output	1542279	14631	6580	37535	21879	20963	8926	3375	4705	54437
16. Fuels Consumed	88768	322	171	1081	923	413	190	50	64	454
17. Materials Consumed	934854	11644	5480	21631	11633	7358	6910	1360	3452	28986
18. Total Inputs	1203820	12902	5966	23802	16204	11987	7601	1810	3940	32898
19. Gross Value Added	338459	1729	614	13733	5675	8976	1325	1565	765	21539
20. Depreciation	41367	397	87	1181	1605	625	191	127	169	798
21. Net Value Added	297092	1331	528	12552	4070	8350	1134	1438	596	20740
22. Net Fixed Capital Formation	2440	57	-2	-670	-633	1586	-49	94	11	-66
23. Gross Fixed Capital Formation	43806	455	84	511	972	2211	143	222	181	733
24. Addition in Stock of	27088	-472	-4	527	1271	-543	133	34	-589	11
(a) Materials, Fuels etc.	26548	137	0	735	1101	449	95	34	-29	-879
(b) Semi Finished Goods	948	10	0	-44	37	-93	13	0	-7	16
(c) Finished Goods	-408	-619	-4	-164	133	-899	25	0	-553	874
25. Gross Capital Formation	70895	-18	81	1039	2244	1670	276	256	-408	744
26. Income	270934	1173	498	12182	3380	7947	924	1303	563	19831
27. Profit	220002	687	131	10392	1730	7310	395	741	316	18904

Annual Survey of Industries, 2004-05
Annexure - 1.0 - Selected Characteristics by Major Industries (Industry Code Numbers)

(Value in lakh, others in numbers)

Characteristics	241	242	251	252	261	269	271	272	273	281
1. Number Of Factories	13	88	7	36	3	15	35	18	4	8
2. Factories In Operation	12	88	7	36	3	14	33	18	4	6
3. Fixed Capital	22455	142872	6112	20883	11784	1033	39639	33987	1254	41
4. Physical Working Capital	30446	52186	3255	7542	2468	292	24259	14303	392	39
5. Working Capital	13728	37921	-2640	3090	6229	55	8598	6367	1043	34
6. Invested Capital	52901	195059	9367	28425	14251	1325	63899	48290	1646	80
7. Gross Value Of Addition To Fixed Capital	5009	73939	4227	3020	1089	2	3946	581	308	0
8. Rent Paid For Fixed Assets	807	800	6	134	55	2	586	15	2	5
9. Outstanding Loan	48035	24467	14	2833	4956	595	18694	33323	914	5
10. Interest Paid	5277	3301	11	656	297	92	2759	3447	47	8
11. Rent Received For Fixed Assets	101	123	0	76	0	16	0	0	0	0
12. Interest Received	100	129	0	1	0	0	47	190	0	0
13. Gross Value Of Plant & Machinery	40340	96443	15935	27549	15609	1153	41812	34134	1502	6
14. Value Of Product And By-Product	167725	385184	63872	43046	14493	1958	191514	112548	3741	97
15. Total Output	222846	425896	64315	43964	15006	1982	195040	113398	4045	185
16. Fuels Consumed	13177	9687	3764	2040	1812	156	47802	2448	407	8
17. Materials Consumed	133866	204850	48426	27410	7091	1337	112938	105229	2585	90
18. Total Inputs	201984	270275	53594	32719	10284	1650	169516	109187	3317	129
19. Gross Value Added	20862	155621	10721	11245	4722	332	25524	4211	728	56
20. Depreciation	2793	12468	1266	4111	1183	140	2896	2089	232	5
21. Net Value Added	18069	143154	9455	7134	3539	191	22628	2122	496	50
22. Net Fixed Capital Formation	1606	3321	1466	-1385	-470	-139	996	-1669	56	-5
23. Gross Fixed Capital Formation	4399	15788	2732	2726	713	1	3892	421	289	0
24. Addition in Stock of	-2048	7623	351	1665	564	-8	7616	7891	-125	17
(a) Materials, Fuels etc.	482	7872	238	954	91	22	5006	5399	-17	16
(b) Semi Finished Goods	111	545	299	-120	-59	1	209	394	-71	0
(c) Finished Goods	-2641	-794	-186	831	532	-31	2401	2098	-37	1
25. Gross Capital Formation	2351	23411	3083	4391	1277	-7	11508	8312	163	17
26. Income	11985	139053	9438	6344	3187	98	19282	-1340	446	37
27. Profit	5969	123293	6541	4751	1771	-18	15889	-2586	166	9

Annual Survey of Industries, 2004-05
Annexure - 1.0 - Selected Characteristics by Major Industries (Industry Code Numbers)

(Value in lakh, others in numbers)

Characteristics	289	291	292	293	300	311	312	313	314	321
1. Number Of Factories	16	11	7	8	7	4	3	7	3	9
2. Factories In Operation	16	11	7	8	7	4	3	7	3	9
3. Fixed Capital	2273	1922	8731	1627	7170	1293	551	17512	465	1169
4. Physical Working Capital	1717	472	1323	1381	8190	556	24	8051	316	547
5. Working Capital	3712	347	-297	936	11600	874	24	16017	305	395
6. Invested Capital	3990	2395	10055	3008	15360	1849	575	25563	781	1716
7. Gross Value Of Addition To Fixed Capital	341	155	376	249	1619	101	4	483	77	264
8. Rent Paid For Fixed Assets	8	17	29	6	148	4	1	117	0	31
9. Outstanding Loan	157	1135	233	13	136	55	5	4051	213	575
10. Interest Paid	9	105	12	97	350	48	3	161	7	98
11. Rent Received For Fixed Assets	0	27	0	0	51	0	0	0	0	0
12. Interest Received	40	7	0	0	3	8	0	4	2	1
13. Gross Value Of Plant & Machinery	2422	1127	13164	2063	3643	1541	116	19428	447	1457
14. Value Of Product And By-Product	6971	4468	12057	16985	55538	10280	141	50928	885	4142
15. Total Output	8603	4845	12558	17284	65162	10460	157	51882	928	4278
16. Fuels Consumed	219	92	76	236	300	73	4	969	36	130
17. Materials Consumed	3606	2302	8896	13550	45265	7647	114	43813	593	2717
18. Total Inputs	4604	3452	9889	15197	55487	8625	142	45989	757	3319
19. Gross Value Added	3999	1393	2669	2087	9675	1835	15	5893	171	959
20. Depreciation	285	157	809	271	774	159	34	1861	49	160
21. Net Value Added	3715	1235	1860	1816	8900	1677	-19	4032	122	799
22. Net Fixed Capital Formation	10	-6	-434	-214	793	-75	-472	-1546	27	58
23. Gross Fixed Capital Formation	294	152	375	57	1567	83	-438	315	77	218
24. Addition in Stock of	355	93	129	-52	642	-359	-18	-891	26	-6
(a) Materials, Fuels etc.	192	63	-54	-115	867	-151	-14	640	41	58
(b) Semi Finished Goods	46	-1	163	52	-133	-210	-4	-47	-20	-53
(c) Finished Goods	117	31	20	11	-92	2	0	-1484	5	-11
25. Gross Capital Formation	648	245	505	5	2209	-276	-456	-576	103	212
26. Income	3699	1114	1819	1713	8403	1626	-24	3754	115	670
27. Profit	3208	777	1282	1083	7312	1191	-50	2993	51	159

Annual Survey of Industries, 2004-05
Annexure - 1.0 - Selected Characteristics by Major Industries (Industry Code Numbers)

(Value in lakh, others in numbers)

Characteristics	322	323	331	332	333	341	342	343	351	361	369	Other
1. Number Of Factories	3	3	10	6	5	4	4	3	7	3	10	18
2. Factories In Operation	3	3	10	6	5	4	4	3	7	3	10	18
3. Fixed Capital	1085	381	1633	6684	200	1489	76	87	13710	145	2858	16217
4. Physical Working Capital	419	106	3134	5560	815	2253	114	89	5077	52	1641	1228
5. Working Capital	-1054	550	1165	-417	3089	1148	28	48	-3286	58	2640	-15307
6. Invested Capital	1504	487	4767	12244	1016	3742	190	176	18787	196	4499	17445
7. Gross Value Of Addition To Fixed Capital	172	1	205	3838	23	122	15	13	279	15	359	1436
8. Rent Paid For Fixed Assets	12	10	268	118	9	2	3	4	253	0	90	57
9. Outstanding Loan	6	3	392	3738	0	338	12	68	18928	106	345	341
10. Interest Paid	45	4	235	757	0	83	10	11	1607	6	47	29
11. Rent Received For Fixed Assets	5	16	2	0	0	0	0	0	4	1	26	0
12. Interest Received	43	1	0	4	0	1	0	0	11	2	3	9
13. Gross Value Of Plant Machinery	1220	165	1079	4708	8	3566	38	488	18182	74	3198	22353
14 Value Of Product And By Product	5100	1305	9434	9561	12677	14274	689	659	7674	264	6948	17658
15. Total Output	5322	1391	13846	10225	17912	14463	785	871	12998	285	8109	20205
16. Fuels Consumed	83	5	112	275	18	339	9	57	389	5	211	162
17. Materials Consumed	4174	1216	6004	5791	9936	10260	556	401	6851	165	4498	14223
18. Total Inputs	4636	1358	10654	7504	15235	11464	646	661	11465	214	6473	16284
19. Gross Value Added	686	33	3192	2721	2677	2999	139	210	1533	71	1636	3921
20. Depreciation	155	27	171	489	44	142	14	20	1023	10	364	1981
21. Net Value Added	531	7	3021	2232	2633	2858	125	191	510	62	1272	1938
22. Net Fixed Capital Formation	16	-27	28	3003	-21	-44	1	-7	-1034	5	-198	-1528
23. Gross Fixed Capital Formation	171	0	199	3492	23	97	15	13	-11	15	166	454
24. Addition in Stock of	59	-100	579	2023	-891	754	-3	19	411	-16	120	303
(a) Materials, Fuels etc.	51	-70	603	1891	-512	424	17	2	599	-11	34	289
(b) Semi Finished Goods	15	-3	-217	38	-20	303	-36	16	-188	-5	10	0
(c) Finished Goods	-7	-27	193	94	-359	27	16	1	0	0	76	14
25. Gross Capital Formation	231	-101	778	5515	-869	851	12	33	400	-1	286	757
26. Income	474	-7	2517	1356	2624	2772	112	176	-1349	56	1134	1851
27. Profit	84	-68	1892	654	2510	1254	62	19	-2366	29	501	1035

Annual Survey of Industries, 2004-05
Annexure 1.1 - Principal Characteristics by Major Economic Activities

Sl. No	Principal Characteristics	Unit	Manufacturing		Others		All	
			2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
1	2	3	4	5	6	7	8	9
1	Factories	Number	534	500	15	18	549	518
2	Fixed Capital	Rs. in crore	3563	3995	176	162	3739	4157
3	Invested Capital	Rs. in crore	5310	6048	188	174	5498	6222
4	Workers	Number	24601	27617	411	802	25012	28419
5	Total persons engaged	Number	33923	36622	534	959	34457	37581
6	Wages to workers	Rs. in crore	171	208	2	3	173	211
7	Total Emoluments	Rs. in crore	334	501	6	8	340	509
8	Total Input	Rs. in crore	8836	11875	146	163	8992	12038
9	Gross Output	Rs. in crore	11428	15221	192	202	11620	15423
10	Depreciation	Rs. in crore	332	395	18	19	350	414
11	Net Value Added	Rs. in crore	2259	2952	29	19	2288	2971
12	Net Income	Rs. in crore	1985	2690	26	19	2011	2709

Annual Survey of Industries, 2004-05
Annexure 1.2 - Principal Characteristics by Major Economic Activities
(Percentage distribution)

SI No	Principal Characteristics	Unit	Manufacturing		Others		All	
			2003-04	2004-05	2003-04	2004-05	2003-04	2004-05
	1	2	3	4	5	6	7	8
1	Factories	Number	97.27	96.53	2.73	3.47	100.00	100.00
2	Fixed Capital	Rs. in crore	95.29	96.10	4.71	3.90	100.00	100.00
3	Invested Capital	Rs. in crore	96.58	97.20	3.42	2.80	100.00	100.00
4	Workers	Number	98.36	97.18	1.64	2.82	100.00	100.00
5	Total persons engaged	Number	98.45	97.45	1.55	2.55	100.00	100.00
6	Wages to workers	Rs. in crore	98.84	98.58	1.16	1.42	100.00	100.00
7	Total Emoluments	Rs. in crore	98.24	98.43	1.76	1.57	100.00	100.00
8	Total Input	Rs. in crore	98.27	98.65	1.62	1.35	100.00	100.00
9	Gross Output	Rs. in crore	98.35	98.69	1.65	1.31	100.00	100.00
10	Depreciation	Rs. in crore	94.86	95.41	5.14	4.59	100.00	100.00
11	Net Value Added	Rs. in crore	98.73	99.36	1.27	0.64	100.00	100.00
12	Net Income	Rs. in crore	98.71	99.30	1.29	0.70	100.00	100.00

Annual Survey of Industries, 2004-05
Annexure 2.1 - Principal Characteristics by Size of Employment

(Value Figures in Rs. Lakh & Others in number)

Sl. No	Employment Range	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent paid	Interest paid
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	0 --- 49	303	48488	59988	65082	4395	6020	2054	4123	125556	147876	5558	16761	642	1834
2	50 --- 99	88	44005	82252	85768	4380	6126	2598	5295	282188	324552	5881	36483	1088	4217
3	100 -- 199	76	79290	112372	128492	6899	9488	4628	10836	243459	358939	9269	106210	689	3110
4	200 -- 499	40	185395	209000	240279	8543	10877	6288	11778	271041	354456	15174	68241	954	7475
5	500 -- 999	7	57214	80851	99323	3117	3755	4859	7813	270237	342067	5350	66479	629	5470
6	1000 - 1999	3	1306	2239	3256	1085	1315	714	1161	11338	14389	134	2917	1	48
Total		518	415697	546702	622199	28419	37581	21141	41005	1203820	1542279	41367	297092	4003	22154

Annual Survey of Industries, 2004-05
Annexure 2.2 - Principal Characteristics by Size of Employment
(Percentage Distribution)

(Value Figures in Rs. Lakh & Others in number)

Sl. No	Employment Range	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent paid	Interest paid
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	0 --- 49	58.49	11.66	10.97	10.46	15.47	16.02	9.72	10.05	10.43	9.59	13.44	5.64	16.04	8.28
2	50 --- 99	16.99	10.59	15.05	13.78	15.41	16.30	12.29	12.91	23.44	21.04	14.22	12.28	27.18	19.03
3	100 -- 199	14.67	19.07	20.55	20.65	24.28	25.25	21.89	26.43	20.22	23.27	22.41	35.75	17.21	14.04
4	200 -- 499	7.72	44.60	38.23	38.62	30.06	28.94	29.74	28.72	22.52	22.98	36.68	22.97	23.83	33.74
5	500 -- 999	1.35	13.76	14.79	15.96	10.97	9.99	22.98	19.05	22.45	22.18	12.93	22.38	15.71	24.69
6	1000 - 1999	0.58	0.31	0.41	0.52	3.82	3.50	3.38	2.83	0.94	0.93	0.32	0.98	0.02	0.22
Total		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Annual Survey of Industries, 2004-05

Annexure 2.3 - Structural Ratios and Technical co-efficient by Employment size for Industries

Sl. No	Employment range	Fixed Capital per person engaged	Net Value Added per person engaged	Wages per Worker	Ratio			
					Fixed Capital to Net Value Added	Fixed Capital to Gross Output	Net Value Added to Gross Output	Total Emoluments to Net Value Added
1	2	3	4	5	6	7	8	9
1	0 --- 49	8.05	2.78	0.47	289.29	32.79	11.33	24.60
2	50 --- 99	7.18	5.96	0.59	120.62	13.56	11.24	14.51
3	100 -- 199	8.36	11.19	0.67	74.65	22.09	29.59	10.20
4	200 -- 499	17.04	6.27	0.74	271.68	52.30	19.25	17.26
5	500 -- 999	15.24	17.70	1.56	86.06	16.73	19.43	11.75
6	1000 - 1999	0.99	2.22	0.66	44.77	9.08	20.27	39.80
Total		11.06	7.91	0.74	139.92	26.95	19.26	13.80

Annual Survey of Industries 2004-05
Annexure 3.1 - Principal Characteristics by Size of Capital

(Value Figures in Rs. Lakh & Others in number)

Sl. No	Capital Range in terms of Gross Value of P&M	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent paid	Interest paid
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Upto 1	134	3486	5196	6497	2919	3604	919	1422	30706	36065	668	4691	208	429
2	1 -- 2.5	8	103	1147	401	291	331	68	105	5943	6660	15	703	3	26
3	2.5 -- 5	9	146	298	448	150	174	56	75	816	1055	26	213	9	38
4	5 -- 10	6	69	882	196	94	126	32	56	4818	5658	13	826	10	2
5	10 -- 20	9	384	1871	1120	126	167	39	75	2652	3224	38	533	3	105
6	20 -- 50	59	3359	5317	4992	1058	1372	510	931	12054	14889	298	2538	59	132
7	50 -- 100	61	7430	20686	13828	1762	2737	905	2169	40813	49569	695	8060	131	765
8	100 -- 200	44	11992	17231	22705	1814	2443	865	1891	59485	82240	1510	21245	447	695
9	200 -- 500	77	30608	55734	50014	4481	5981	2541	5055	129483	155390	3555	22352	356	3537
10	500 -- 1000	36	31741	51177	51288	2783	3961	1849	4926	97204	126208	3681	25323	319	1885
11	1000 - 2000	25	28866	59147	49159	2575	3394	1698	3215	90527	112149	3221	18401	237	1263
12	2000 - 5000	26	56686	60430	89357	4379	5565	2569	5397	193056	251686	6124	52505	539	1359
13	5000 - 10000	13	103108	121866	138381	2816	3425	3556	6185	208487	262102	9767	43847	833	1565
14	10000 & above	11	137717	145720	193814	3171	4301	5533	9502	327777	435386	11754	95855	851	10353
Total		518	415697	546702	622199	28419	37581	21141	41005	1203820	1542279	41367	297092	4003	22154

Annual Survey of Industries 2004-05
Annexure 3.2 - Principal Characteristics by Size of Capital
(Percentage Distribution)

(Value Figures in Rs. Lakh & Others in number)

Sl. No	Capital Range	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent paid	Interest paid
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Upto 1	25.87	0.84	0.95	1.04	10.27	9.59	4.35	3.47	2.55	2.34	1.61	1.58	5.20	1.94
2	1 -- 2.5	1.54	0.02	0.21	0.06	1.02	0.88	0.32	0.26	0.49	0.43	0.04	0.24	0.07	0.12
3	2.5 -- 5	1.74	0.04	0.05	0.07	0.53	0.46	0.26	0.18	0.07	0.07	0.06	0.07	0.22	0.17
4	5 -- 10	1.16	0.02	0.16	0.03	0.33	0.34	0.15	0.14	0.40	0.37	0.03	0.28	0.25	0.01
5	10 -- 20	1.74	0.09	0.34	0.18	0.44	0.44	0.18	0.18	0.22	0.21	0.09	0.18	0.07	0.47
6	20 -- 50	11.39	0.81	0.97	0.80	3.72	3.65	2.41	2.27	1.00	0.97	0.72	0.85	1.47	0.60
7	50 -- 100	11.78	1.79	3.78	2.22	6.20	7.28	4.28	5.29	3.39	3.21	1.68	2.71	3.27	3.45
8	100 -- 200	8.49	2.88	3.15	3.65	6.38	6.50	4.09	4.61	4.94	5.33	3.65	7.15	11.17	3.14
9	200 -- 500	14.86	7.36	10.19	8.04	15.77	15.91	12.02	12.33	10.76	10.08	8.59	7.52	8.89	15.97
10	500 -- 1000	6.95	7.64	9.36	8.24	9.79	10.54	8.75	12.01	8.07	8.18	8.90	8.52	7.97	8.51
11	1000 - 2000	4.83	6.94	10.82	7.90	9.06	9.03	8.03	7.84	7.52	7.27	7.79	6.19	5.92	5.70
12	2000 - 5000	5.02	13.64	11.05	14.36	15.41	14.81	12.15	13.16	16.04	16.32	14.80	17.67	13.46	6.13
13	5000 - 10000	2.51	24.80	22.29	22.24	9.91	9.11	16.82	15.08	17.32	16.99	23.61	14.76	20.81	7.06
14	10000 & above	2.12	33.13	26.65	31.15	11.16	11.44	26.17	23.17	27.23	28.23	28.41	32.26	21.26	46.73
Total		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Annual Survey of Industries 2004-05
Annexure 3.3 - Structural Ratios and Technical Co-efficient by Size of Capital

SI No	Capital range in terms of Gross value of P & M	Fixed Capital per person engaged	Net Value Added per person engaged	Wages per Worker	Ratio			
					Fixed capital to Net Value Added	Fixed Capital to Gross Output	Net Value Added to Gross Output	Total emoluments to Net Value Added
1	2	3	4	5	6	7	8	9
1	Upto 1	0.97	1.30	0.31	0.74	0.10	0.13	0.30
2	1 -- 2.5	0.31	2.12	0.23	0.15	0.02	0.11	0.15
3	2.5 -- 5	0.84	1.22	0.37	0.69	0.14	0.20	0.35
4	5 -- 10	0.55	6.56	0.34	0.08	0.01	0.15	0.07
5	10 -- 20	2.30	3.19	0.31	0.72	0.12	0.17	0.14
6	20 -- 50	2.45	1.85	0.48	1.32	0.23	0.17	0.37
7	50 -- 100	2.71	2.94	0.51	0.92	0.15	0.16	0.27
8	100 -- 200	4.91	8.70	0.48	0.56	0.15	0.26	0.09
9	200 -- 500	5.12	3.74	0.57	1.37	0.20	0.14	0.23
10	500 -- 1000	8.01	6.39	0.66	1.25	0.25	0.20	0.19
11	1000 - 2000	8.51	5.42	0.66	1.57	0.26	0.16	0.17
12	2000 - 5000	10.19	9.43	0.59	1.08	0.23	0.21	0.10
13	5000 - 10000	30.10	12.80	1.26	2.35	0.39	0.17	0.14
14	10000 & above	32.02	22.29	1.74	1.44	0.32	0.22	0.10
Total		11.06	7.91	0.74	1.40	0.27	0.19	0.14

Annual Survey of Industries 2004-05
Annexure 4.1 - Principal Characteristics by Type of Ownership

(Value Figures in Rs. Lakh & Others in number)

Sl. No	Capital Range in terms of Gross Value of P&M	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent paid	Interest paid
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Wholly Central Govt.	1	6	22	13	7	9	2	3	43	52	1	8	0	1
2	Wholly State/ local Govt.	2	597	256	883	167	302	157	293	1254	1562	45	264	3	100
3	Central & State/ local Govt.	1	377	347	379	50	70	53	105	50	193	19	124	0	0
4	Public Sector (1+2+3)	4	981	624	1275	224	381	211	401	1347	1807	65	396	3	101
5	Joint Sector (Public)	2	1761	2271	3672	185	256	151	307	5584	4076	92	-1601	4	212
6	Joint Sector (Private)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Joint Sector (5+6)*	2	1761	2271	3672	185	256	151	307	5584	4076	92	-1601	4	212
8	Wholly Private	512	412956	543807	617252	28010	36944	20778	40297	1196890	1536397	41210	298297	3996	21842
Total		518	415697	546702	622199	28419	37581	21141	41005	1203820	1542279	41367	297092	4003	22154

Annual Survey of Industries 2004-05
Annexure 4.2 - Principal Characteristics by Type of Ownership
(Percentage Distribution)

(Value Figures in Rs. Lakh & Others in number)

Sl. No	Capital Range in terms of Gross Value of P&M	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent paid	Interest paid
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Wholly Central Govt.	0.19	0.00	0.00	0.00	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2	Wholly State/ local Govt.	0.39	0.14	0.05	0.14	0.59	0.80	0.74	0.71	0.10	0.10	0.11	0.09	0.07	0.45
3	Central & State/ local Govt. Public Sector (1+2+3)	0.19	0.09	0.06	0.06	0.18	0.19	0.25	0.26	0.00	0.01	0.05	0.04	0.00	0.00
4	Joint Sector (Public)	0.77	0.24	0.11	0.20	0.79	1.01	1.00	0.98	0.11	0.12	0.16	0.13	0.07	0.46
5	Joint Sector (Private)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Joint Sector (5+6)*	0.39	0.42	0.42	0.59	0.65	0.68	0.71	0.75	0.46	0.26	0.22	-0.54	0.10	0.96
7	Wholly Private	98.84	99.34	99.47	99.20	98.56	98.30	98.28	98.27	99.42	99.62	99.62	100.41	99.83	98.59
Total		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Annual Survey of Industries 2004-05
Annexure 4.3 - Structural Ratios and Technical Co-efficient by By Type of Ownership

Sl No	Capital range in terms of Gross value of P & M	Fixed Capital per person engaged	Net Value Added per person engaged	Wages per Worker	Ratio			
					Fixed capital to Net Value Added	Fixed Capital to Gross Output	Net Value Added to Gross Output	Total emoluments to Net Value Added
1	2	3	4	5	6	7	8	9
1	Wholly Central Govt.	0.67	0.89	0.29	0.75	0.12	0.15	0.38
2	Wholly State/ local Govt.	1.98	0.87	0.94	2.26	0.38	0.17	1.11
3	Central & State/ local Govt.	5.39	1.77	1.06	3.04	1.95	0.64	0.85
4	Public Sector (1+2+3)	2.57	1.04	0.94	2.48	0.54	0.22	1.01
5	Joint Sector (Public)	6.88	-6.25	0.82	-1.10	0.43	-0.39	-0.19
6	Joint Sector (Private)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Joint Sector (5+6)*	6.88	-6.25	0.82	-1.10	0.43	-0.39	-0.19
8	Wholly Private	11.18	8.07	0.74	1.38	0.27	0.19	0.14
Total		11.06	7.91	0.74	1.40	0.27	0.19	0.14

Annual Survey of Industries 2004-05
Annexure 5.1 - Principal Characteristics by Type of Organisation

(Value figures in Rs. Lakh & others in number)

Sl. No	Type of Organisation	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent paid	Interest paid
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Individual Proprietors	64	1168	4085	2736	1106	1468	435	682	20224	23948	257	3466	144	113
2	Joint Family (HUF)	6	205	208	289	43	53	12	17	280	367	21	66	1	10
3	Partnership	94	5153	9549	8332	2496	2992	728	1153	26933	31878	643	4302	76	430
4	Public Limited Company	146	312524	377050	458280	15917	20671	14881	26778	879410	1145481	28856	237216	2367	16002
5	Private Limited Company	205	96061	154748	149982	8570	12007	4813	11859	270368	333245	11503	51375	1414	5382
6	Corporate Sector (4+5)	351	408585	531798	608262	24487	32679	19694	38637	1149778	1478727	40358	288591	3781	21384
7	Khadi & Village Industry	1	424	853	2254	178	243	135	258	1135	1385	43	207	1	212
8	Co-operative Society	2	162	209	326	108	147	136	259	5470	5974	44	460	2	6
Total		518	415697	546702	622199	28419	37581	21141	41005	1203820	1542279	41367	297092	4003	22154

Annual Survey of Industries 2004-05
Annexure 5.2 - Principal Characteristics by Type of Organisation
(Percentage Distribution)

(Value figures in Rs. Lakh & others in number)

Sl. No	Type of Organisation	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Employees	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added	Rent paid	Interest paid
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Individual Proprietors	12.36	0.28	0.75	0.44	3.89	3.91	2.06	1.66	1.68	1.55	0.62	1.17	3.60	0.51
2	Joint Family (HUF)	1.16	0.05	0.04	0.05	0.15	0.14	0.06	0.04	0.02	0.02	0.05	0.02	0.02	0.05
3	Partnership	18.15	1.24	1.75	1.34	8.78	7.96	3.44	2.81	2.24	2.07	1.55	1.45	1.90	1.94
4	Public Limited Company	28.19	75.18	68.97	73.65	56.01	55.00	70.39	65.30	73.05	74.27	69.76	79.85	59.13	72.23
5	Private Limited Company	39.58	23.11	28.31	24.11	30.16	31.95	22.77	28.92	22.46	21.61	27.81	17.29	35.32	24.29
6	Corporate Sector (4+5)	67.76	98.29	97.27	97.76	86.16	86.96	93.16	94.23	95.51	95.88	97.56	97.14	94.45	96.52
7	Khadi & Village Industry	0.19	0.10	0.16	0.36	0.63	0.65	0.64	0.63	0.09	0.09	0.10	0.07	0.02	0.96
8	Co-operative Society	0.39	0.04	0.04	0.05	0.38	0.39	0.64	0.63	0.45	0.39	0.11	0.15	0.05	0.03
Total		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Annual Survey of Industries 2004-05
Annexure 5.3 - Structural Ratios and Technical Co-efficient by By Type of Ownership

Sl No	Type of Organisation	Fixed Capital per person engaged	Net Value Added per person engaged	Wages per Worker	Ratio			
					Fixed capital to Net Value Added	Fixed Capital to Gross Output	Net Value Added to Gross Output	Total emoluments to Net Value Added
1	2	3	4	5	6	7	8	9
1	Individual Proprietors	0.80	2.36	0.39	0.34	0.05	0.14	0.20
2	Joint Family (HUF)	3.87	1.25	0.28	3.11	0.56	0.18	0.26
3	Partnership	1.72	1.44	0.29	1.20	0.16	0.13	0.27
4	Public Limited Company	15.12	11.48	0.93	1.32	0.27	0.21	0.11
5	Private Limited Company	8.00	4.28	0.56	1.87	0.29	0.15	0.23
6	Corporate Sector (4+5)	12.50	8.83	0.80	1.42	0.28	0.20	0.13
7	Khadi & Village Industry	1.74	0.85	0.76	2.05	0.31	0.15	1.25
8	Co-operative Society	1.10	3.13	1.26	0.35	0.03	0.08	0.56
Total		11.06	7.91	0.74	1.40	0.27	0.19	0.14

Annual Survey of Industries 2004-05
Annexure 6.1 - Principal Characteristics for each Major Industry Group
(Arranged in descending order of Net Value Added)

(Value figures in Rs. Lakh & Others in number)

Ind. Code (2-digit)	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Person Engaged	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added
1	2	3	4	5	6	7	8	9	10	11	12	13
24	102	165327	216976	247959	8867	11926	9010	21777	472259	648743	15261	161223
27	57	74881	90889	113835	3010	4071	2089	4918	282020	312483	5218	25245
23	5	10184	23612	21222	216	346	321	926	32899	54437	798	20740
15	80	28016	43106	41046	3454	4227	1902	4294	58874	80625	3271	18480
25	43	26995	27445	37792	2034	2732	1985	4490	86313	108279	5377	16589
30	7	7170	18770	15360	688	893	405	1091	55487	65162	774	8900
17	15	5399	8194	8116	477	586	312	638	11987	20964	625	8351
33	21	8518	12355	18027	1188	1659	501	1442	33394	41982	703	7885
31	17	19822	37042	28769	962	1261	561	1286	55513	63427	2103	5811
29	26	12281	13267	15458	903	1274	652	1503	28538	34687	1237	4912
28	24	2314	6059	4070	518	659	211	518	4733	8788	290	3765
26	18	12817	19101	15576	700	1012	404	1532	11934	16988	1323	3730
34	11	1651	2876	4107	1230	1548	808	1725	12771	16120	176	3173
22	12	2835	5451	3446	333	623	215	810	5749	8081	297	2034
Other	18	16217	910	17445	802	959	341	815	16284	20205	1981	1938
32	15	2635	2526	3707	1069	1237	444	961	9313	10991	342	1336
36	13	3003	5702	4695	730	949	281	660	6687	8395	374	1334
21	29	1922	1996	2784	543	678	276	529	7601	8926	191	1134
35	7	13710	10424	18787	695	941	423	1017	11465	12998	1023	510
Total	518	415697	546702	622199	28419	37581	21141	50932	1203820	1542279	41367	297092

Annual Survey of Industries 2004-05
Annexure 6.2 - Principal Characteristics for each Major Industry Group
(Arranged in descending order of Net Value Added)
(Percentage Distribution)

(Value figures in Rs. Lakh & Others in number)

Ind. Code (2-digit)	Factories	Fixed Capital	Productive Capital	Invested Capital	Workers	Person Engaged	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added
1	2	3	4	5	6	7	8	9	10	11	12	13
24	19.69	39.77	39.69	39.85	31.20	31.73	42.62	42.76	39.23	42.06	36.89	54.27
27	11.00	18.01	16.62	18.30	10.59	10.83	9.88	9.66	23.43	20.26	12.61	8.50
23	0.97	2.45	4.32	3.41	0.76	0.92	1.52	1.82	2.73	3.53	1.93	6.98
15	15.44	6.74	7.88	6.60	12.15	11.25	9.00	8.43	4.89	5.23	7.91	6.22
25	8.30	6.49	5.02	6.07	7.16	7.27	9.39	8.82	7.17	7.02	13.00	5.58
30	1.35	1.72	3.43	2.47	2.42	2.38	1.92	2.14	4.61	4.23	1.87	3.00
17	2.90	1.30	1.50	1.30	1.68	1.56	1.48	1.25	1.00	1.36	1.51	2.81
33	4.05	2.05	2.26	2.90	4.18	4.41	2.37	2.83	2.77	2.72	1.70	2.65
31	3.28	4.77	6.78	4.62	3.39	3.36	2.65	2.52	4.61	4.11	5.08	1.96
29	5.02	2.95	2.43	2.48	3.18	3.39	3.08	2.95	2.37	2.25	2.99	1.65
28	4.63	0.56	1.11	0.65	1.82	1.75	1.00	1.02	0.39	0.57	0.70	1.27
26	3.47	3.08	3.49	2.50	2.46	2.69	1.91	3.01	0.99	1.10	3.20	1.26
34	2.12	0.40	0.53	0.66	4.33	4.12	3.82	3.39	1.06	1.05	0.43	1.07
22	2.32	0.68	1.00	0.55	1.17	1.66	1.02	1.59	0.48	0.52	0.72	0.68
Other	3.47	3.90	0.17	2.80	2.82	2.55	1.61	1.60	1.35	1.31	4.79	0.65
32	2.90	0.63	0.46	0.60	3.76	3.29	2.10	1.89	0.77	0.71	0.83	0.45
36	2.51	0.72	1.04	0.75	2.57	2.53	1.33	1.30	0.56	0.54	0.90	0.45
21	5.60	0.46	0.37	0.45	1.91	1.80	1.31	1.04	0.63	0.58	0.46	0.38
35	1.35	3.30	1.91	3.02	2.45	2.50	2.00	2.00	0.95	0.84	2.47	0.17

Annual Survey of Industries 2004-05

**IMPORTANT INDICATORS OF INDUSTRIES IN GOA STATE
OVER THE YEARS 1964 to
2004**

Sr. no.	Characteristics	Unit	1964	1965	1966	1967	1968	1969	1970	1971	1973	1974
1	Number of factories surveyed	Number	63	68	67	81	90	106	112	122	176	94
2	Fixed capital	Rs. Crore	1.5	1.65	1.39	2.54	3.81	7.12	7.45	8.43	70.39	65.8
3	Working capital	Rs. Crore	0.85	1.1	1.23	1.54	1.83	2.41	2.89	3.46	8.92	8.97
4	Invested capital	Rs. Crore	NA	NA	NA	NA	NA	NA	NA	NA	NA	80.02
5	Outstanding loans	Rs. Crore	NA	NA	NA	NA	NA	NA	NA	NA	NA	46.02
6	No. of workers	Number	1998	2174	2348	2831	3059	3860	4870	5590	6227	5195
7	Man days workers	Lakh	NA	NA	NA	NA	NA	NA	14	16	18	19
8	No. of employees	Number	2407	2620	2858	3464	3777	4820	5856	6690	7645	6534
9	Man days employees	Lakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10	Total persons engaged	Number	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11	Wages to workers	Rs. Crore	0.28	0.34	0.4	0.47	0.56	0.78	1.05	1.25	1.81	1.91
12	Total emoluments	Rs. Crore	0.4	0.47	0.56	0.69	0.85	1.12	1.59	1.9	2.91	3.35
13	Provident & other fund	Rs. Crore	0.0033	0.006	0.0062	0.0128	0.018	0.0262	0.03	0.1	0.25	0.46
14	Workmen welfare expenses	Rs. Crore	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15	Fuel consumed	Rs. Crore	0.1	0.1	0.12	0.16	0.2	0.26	0.38	0.61	0.75	4.81
16	Materials consumed	Rs. Crore	1.03	1.26	1.36	2.41	3.59	4.23	5.31	7.83	17	25.77
17	Total inputs	Rs. Crore	1.45	1.69	1.81	3.16	4.58	5.42	6.22	9.27	19.61	44.65
18	Products and by products	Rs. Crore	1.4	1.48	1.41	2.97	5.03	5.8	6.82	10.57	23.06	60.77
19	Gross output	Rs. Crore	1.88	2.22	2.45	3.91	5.59	7.17	7.89	12.68	27.52	64.1
20	Depreciation	Rs. Crore	0.11	0.13	0.12	0.18	0.24	0.47	0.66	0.88	1.95	5.43
21	Net value added	Rs. Crore	0.43	0.53	0.64	0.75	1.01	1.75	1.01	2.53	5.96	14.02

NOTE: 1) SURVEY PERIOD: (a) Calendar Year - 1964 to 1977
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Sr.no.	Characteristics	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
1	Number of factories surveyed	Number	126	129	149	178	194	194	208	213	229	218
2	Fixed capital	Rs. Crore	81.42	85.99	87.55	86.47	92.01	160.97	153.71	161.94	173.23	191.68
3	Working capital	Rs. Crore	18.9	16.96	21.46	29.09	34.58	44.39	45.09	61.18	59.53	66.85
4	Invested capital	Rs. Crore	103.38	120.84	124.62	134.99	NA	NA	NA	NA	NA	NA
5	Outstanding loans	Rs. Crore	53.42	53.68	63.15	54.17	103.06	117.96	128.27	156.02	123.55	140.36
6	No. of workers	Number	7578	8361	9266	9841	13884	11342	12029	12314	10970	11120
7	Man days workers	Lakh	30	33	34	37	32	43	45	47	48	47
8	No. of employees	Number	9665	10825	12354	12892	20311	15249	16608	16028	14616	14784
9	Man days employees	Lakh	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10	Total persons engaged	Number	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11	Wages to workers	Rs. Crore	3.51	3.92	4.24	4.93	5.38	6.45	7.77	9.36	10.02	11.53
12	Total emoluments	Rs. Crore	6.28	7.15	7.92	9.02	10.19	11.75	13.69	17.28	18.29	20.9
13	Provident & other fund	Rs. Crore	0.69	0.94	1.04	1.27	1.38	1.1	1.54	2.07	1.83	2.34
14	Workmen welfare expenses	Rs. Crore	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15	Fuel consumed	Rs. Crore	6.68	9.64	8.88	9.68	10.37	17.91	25.67	21.8	22.44	24.38
16	Materials consumed	Rs. Crore	46.5	63.13	68.57	78.82	76.73	109.86	150.62	214.9	225.86	258.87
17	Total inputs	Rs. Crore	63.47	84.12	92.48	100.68	97.24	139.37	224.4	303.85	300.7	335.89
18	Products and by products	Rs. Crore	73.97	96.08	102.47	129.84	130.18	199.58	223.33	314.64	297.8	327.47
19	Gross output	Rs. Crore	83.1	104.8	113.24	142.88	139.43	213.8	280.31	388.89	360.79	436.51
20	Depreciation	Rs. Crore	6.62	7.09	7.4	8.28	7.7	13.63	19.91	12.97	20.13	20.27
21	Net value added	Rs. Crore	13.01	13.59	13.36	33.92	34.49	60.8	36.00	72.07	39.96	80.35

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Sr.no.	Characteristics	Unit	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
1	Number of factories surveyed	Number	216	229	227	206	222	235	257	258	251	256
2	Fixed capital	Rs. Crore	162.58	178.44	177.51	196.55	241.91	269.07	366.04	366.79	673.06	604.38
3	Working capital	Rs. Crore	85.68	94.64	110.95	78.96	110.26	79.71	131.04	141.41	338.82	242.7
4	Invested capital	Rs. Crore	NA	NA	NA	356.33	438.99	470.01	620.91	727.98	1039.09	1011.33
5	Outstanding loans	Rs. Crore	124.22	141.41	159.58	79.44	134.57	131.38	223.75	249.39	293.26	410.54
6	No. of workers	Number	11530	11071	10833	11131	12766	12447	14214	13573	14244	14691
7	Man days workers	Lakh	49	49	53	35	40	40	46	47	46	48
8	No. of employees	Number	15256	15032	15003	15200	17416	17206	19637	18854	20033	20228
9	Man days employees	Lakh	NA	NA	NA	NA	NA	NA	NA	NA	65	67
10	Total persons engaged	Number	NA	NA	NA	NA	NA	NA	NA	NA	20123	20305
11	Wages to workers	Rs. Crore	13.57	15.22	16.86	20.14	24.61	26.38	34.49	38.87	45.72	48.89
12	Total emoluments	Rs. Crore	25.66	27.08	33.62	44.97	52.91	57.81	77.2	84.23	105.08	111.44
13	Provident & other fund	Rs. Crore	3.74	4.65	6.04	11.74	12.07	13.18	18.94	19.55	7.76	8.05
14	Workmen welfare expenses	Rs. Crore	NA	NA	NA	NA	NA	NA	NA	NA	10.75	10.98
15	Fuel consumed	Rs. Crore	27.61	32.62	31.33	35.52	38.72	39.37	64.18	85.24	89.3	124.07
16	Materials consumed	Rs. Crore	321.57	32.62	356.96	522.71	635.43	626.53	974.53	1069.82	388.34	1434.68
17	Total inputs	Rs. Crore	415.57	482.02	420.58	596.93	722.02	723.69	1110.27	1245.55	595.71	1706.8
18	Products and by products	Rs. Crore	433.19	536.83	511.08	739.42	876.16	884.12	1336.23	1460.72	1347.05	2509.71
19	Gross output	Rs. Crore	516.01	624.88	543.17	775.23	924.7	907.74	1416.6	1557.7	1054.2	2166.4
20	Depreciation	Rs. Crore	17.08	23.35	25.97	21.16	27.83	30.64	40.8	46.76	53.67	57
21	Net value added	Rs. Crore	83.36	119.51	96.62	157.14	174.85	153.4	265.53	265.38	404.81	402.6

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Sr.no.	Characteristics	Unit	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
1	Number of factories surveyed	Number	270	295	297	423	477	524	506	542	392	368
2	Fixed capital	Rs. Crore	872.9	1146.5	1604.59	1924.58	2502.96	2780.59	3030.01	3424.2	3738.84	4156.97
3	Working capital	Rs. Crore	323.18	402.32	649.89	561.90	607.83	1075.05	673.47	363.12	804.06	1310.05
4	Invested capital	Rs. Crore	1415.17	1864.5	2394.07	2761.15	3605.62	4076.01	4274.75	4948.99	5497.99	6221.99
5	Outstanding loans	Rs. Crore	414.93	569.9	764.96	974.05	1300.6	1664.21	1642.71	1776.18	1688.56	1982.91
6	No. of workers	Number	16395	17519	18873	18672	20968	21255	20740	24318	250.12	28419
7	Man days workers	Lakh	52	56	NA	NA	NA	NA	NA	NA	NA	NA
8	No. of employees	Number	22176	24160	27579	6884*	8013*	9835*	7987*	10663*	344.57	37581
9	Man days employees	Lakh	72	97	NA	NA	NA	NA	NA	110	108.08	119.11
10	Total persons engaged	Number	22258	24256	27656	25556	28981	31090	28727	35061	344.57	37581
11	Wages to workers	Rs. Crore	73.49	71.16	104.06	80.73	113.45	128.34	131.24	143.24	172.57	211.41
12	Total emoluments	Rs. Crore	143.85	173.81	202.08	211.00	279.50	251.02	254.62	296.5	340.18	509.32
13	Provident & other fund	Rs. Crore	10.89	12.55	35.96	44.88	56.25	76.91	73.32	110.33	104.07	120.03
14	Workmen welfare expenses	Rs. Crore	13.62	15.75	NA	NA	NA	NA	NA	NA	NA	NA
15	Fuel consumed	Rs. Crore	144.41	170.25	209.56	252.72	408.40	391.06	408.43	430.42	443.88	887.68
16	Materials consumed	Rs. Crore	1836.7	2231.55	2678.76	2978.79	4055.13	4813.33	4891.35	5444.33	6894.74	9348.54
17	Total inputs	Rs. Crore	2159.51	2623.9	3310.36	3805.47	5453.27	6361.67	6450.02	6808.76	8981.99	12038.2
18	Products and by products	Rs. Crore	3138.43	3778.93	4036.76	4718.94	6115.36	7196.81	7187.15	8272.41	10166.43	13913.77
19	Gross output	Rs. Crore	2755.75	3403.07	4311.46	5124.20	6962.93	8089.31	8331.37	8957.4	11619.99	15422.79
20	Depreciation	Rs. Crore	67.62	83.62	119.75	148.31	233.33	257.16	279.85	329.04	350.04	413.67
21	Net value added	Rs. Crore	528.62	695.54	881.35	1170.42	1276.32	1470.48	1601.50	1819.6	2287.96	2970.92

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NATIONAL INDUSTRIAL CLASSIFICATION (NIC 2004)

15	151	Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats.
	153	Manufacture of grain mill products, starches and starch products, and prepared animal feeds.
	154	Manufacture of other food products
	155	Manufacture of other beverages
17	172	Manufacture of other textiles.
21	210	Manufacture of paper and paper products
22	221	Publishing (This group includes publishing whether or not connected with publishing. Publishing involves financial, technical, artistic, legal and marketing activities, among others but not predominantly)
	222	Printing and service activities related to printing
23	232	Manufacture of refined petroleum products
24	241	Manufacture of basic chemicals
	242	Manufacture of other chemical products
25	251	Manufacture of rubber products
	252	Manufacture of plastic products
26	261	Manufacture of glass and glass products
	269	Manufacture of non-metallic mineral products n.e.c.
27	271	Manufacture of basic Iron & Steel
	272	Manufacture of basic precious and non-precious metals
	273	Casting of metals (This group includes casting finished or Semi-finished products producing a variety of goods, all characteristic of other activity classes)
28	281	Manufacture of structural metal products, tanks, reservoirs and steam
	289	Manufacture of other fabricated metal products; metal working service activities

29	291	Manufacture of general purpose machinery
	293	Manufacture of domestic appliances, n.e.c.
30	300	Manufacture of office, accounting and computing machinery
31	311	Manufacture of electric motors, generators and transformers
	313	Manufacture of insulated wire and cable [insulated (including enameled or anodized) wire, cable (including coaxial cable) and other insulated conductors; insulated strip as is used in large capacity machines or control equipment; and optical fiber cables]
	319	Manufacture of other electrical equipment n.e.c.
32	321	Manufacture of electronic valves and tubes and other electronic component
	322	Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy
	323	Manufacture of television and radio receivers, sounds or video recording or reproducing apparatus, and associated goods
33	331	Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes except optical instruments
	332	Manufacture of optical instruments and photographic equipment
	333	Manufacture of watches and clocks
34	341	Manufacture of motor vehicles
	342	Manufacture of bodies (coach work) for motor vehicles; manufacture of trailers and semi-trailers
	343	Manufacture of parts and accessories for motor vehicle and their engines [brakes, gear boxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, clutches, steering wheels, steering columns and steering boxes and other parts and accessories n.e.c.
35	351	Building and repair of ships & boats
36	361	Manufacture of furniture
	369	Manufacture n.e.c.
40	400	Electricity, Gas, Steam and Hot water supply

