



GOVERNMENT OF GOA

ANNUAL SURVEY OF INDUSTRIES

2013-14



**DIRECTORATE OF PLANNING, STATISTICS AND EVALUATION
PORVORIM-GOA.**

REPORT
ON
ANNUAL SURVEY OF INDUSTRIES
2013-14

PREFACE

*The **Annual Survey of industries (ASI)** is the main source of industrial statistics in India. This **Report on Annual Survey of Industries** pertains to the year 2013-14, and is the **41st** in the series based on statistical returns furnished by the factories registered under **Sections 2 m (i) & 2 m (ii)** of the **Factories Act, 1948** & also from those factories employing 100 or more employess, registered under any of the seven **Acts/Board/Authority** viz., Companies Act, 1956, Factories Act, Co-operative Societies Act, Khadi & Village Industries Board, Directorate of Industries (District Industries Centre) in the Business Register of Establishments (BRE) is available with National Accounts Division and verified by Field Operation Division (FOD) the Sample based survey is conducted in all the States under the statutory provision of **the collection statistics Act, 2008 and Rules framed there under in 2011.***

The principal objective of statistical survey and enquiries on industry is to provide effective tools to planners and policy makers to measure the performance of industry. It also provides statistical information to assess objectively, the changes in the growth of manufacturing sector.

*The **Field Operation Division** of the National Sample Survey Organization carries out the field work for data collection from industrial units covered for the purpose of the survey. The **Industrial Statistics Wing**, Kolkata of the Central Statistical Organization under takes data processing, validation, tabulation work of ASI data. This analytical report is based on the results of ASI 2013-14 (State/District wise) supplied by Central Statistical Organization (IS wing) Kolkata.*

Constructive suggestions to improve the publication are always welcome.

(Dr. Y. Durgaprasad)
Director

ANNUAL SURVEY OF INDUSTRIES 2013-14

SR.No.	CONTENTS	Page No.
Chapter - I	Introduction	0 - 4
Chapter - II	Concept and Definition	5 – 12
Chapter - III	Principal Characteristics by Major Industrial Activity	13– 17
Chapter - IV	Distribution of Factories by Size of Employment	18 – 21
Chapter - V	Distribution of Factories by Size of Capital	22 – 26
Chapter - VI	Distribution of Factories by Type of Ownership	27 – 31
Chapter - VII	Distribution of Factories by Type of Organization	32 - 35

ANNEXURES

SR.No.	CONTENTS	Page No.
Annexure - 1.0	Selected Characteristics by Major Industries (Industry Code Numbers)	36-39
Annexure - 1.1	Principal Characteristics by Major Economic Activities	40
Annexure - 1.2	Principal Characteristics by Major Economic Activities (Percentage distribution)	41
Annexure - 2.1	Principal Characteristics by Size of Employment	42
Annexure - 2.2	Principal Characteristics by Size of Employment (Percentage distribution)	43
Annexure - 2.3	Structural Ratios and Technical co-efficient by Employment size for Industries	44
Annexure - 3.1	Principal Characteristics by Size of Capital	45
Annexure - 3.2	Principal Characteristics by Size of Capital (Percentage distribution)	46
Annexure - 3.3	Structural Ratios and Technical co-efficient by Size of Capital	47
Annexure - 4.1	Principal Characteristics by Type of Ownership	48
Annexure - 4.2	Principal Characteristics by Type of Ownership (Percentage distribution)	49
Annexure - 4.3	Structural Ratios and Technical Co-efficient by Type of Ownership	50
Annexure - 5.1	Principal Characteristics by Type of Organisation	51
Annexure - 5.2	Principal Characteristics by Type of Organisation(Percentage distribution)	52
Annexure - 5.3	Structural Ratios and Technical Co-efficient by Type of Organisation	53
Annexure - 6.1	Principal Characteristics for each Major Industry Group (Arranged in descending order of Net Value Added)	54
Annexure - 6.2	Principal Characteristics for each Major Industry Group (Arranged in descending order of Net Value Added (Percentage distribution)	55
Annexure - 7	Important Indicators of Industries in GoaState over the Years 1964-65 to 2013-14	56-60
Annexure - 8	National Industrial Classification (NIC 2008)	61-69

CHAPTER – I

INTRODUCTION

1.1: The present Report on Annual Survey of Industries (ASI) for the year 2013-14 is the 41st 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 Organization (NSSO), Government of India, under the statutory provisions of the collection of Statistics Act, 1953 and the rules framed there under in 1959. From ASI 2010-11, the survey is being conducted under the Collection of Statistics Act, 2008 and Rules 2011.

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.

1.3: **Scope and coverage:** The coverage of the Survey extends to the entire factory sector comprising industrial units (called factories) registered under the section 2m (i) and 2m(ii) of the Factories Act, 1948 i.e. those factories employing 10 or more workers using power and those employing 20 or more workers without using power.

In addition to section 2(m) (i) & 2(m) (ii) of the Factories Act 1948, electricity units registered with the Central Electricity Authority and Bidi & Cigar units, employing 10 or more workers with the aid of power and 20 or more workers without the aid of power, registered under the Bidi & Cigar Workers (Conditions of Employment) Act, 1966 are also covered in ASI.

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. Factories covered under Annual Survey of Industries during 2012-13 were 597, while the numbers of factories covered during 2013-14 were 618.

1.4 Unit of Enumeration: The primary unit of enumeration in the survey is a factory in the manufacturing industries, a workshop in the case of repair services, an undertaking or a license in the case of electricity, gas and water supply undertakings and an establishment in the case of bidi and cigar industries.

1.5 ASI Frame: The ASI frame is based on the list of registered factory/units maintained by the Chief Inspector of Factories and Boilers in the state and those maintained by registration authorities in respect of bidi and cigar establishments and electricity undertakings. The frame is being revised and updated periodically by the regional offices of the Field Operations Division of NSSO in consultation with the Chief Inspector of Factories and Boilers in the state. At the time of revision, the names of the de-registered factories are removed from the ASI frame and those of the newly registered factories are added. During updation only new registrations are added to the existing frame. In spite of regular updating of the frame, quite a number of small-sized factories selected for the survey are found to be non-existing in the field and are termed as deleted factories. However, such factories are not taken into consideration for the purpose of tabulation and analysis in this report. All electricity undertakings other than captive units as well as departmental undertakings such as Railway workshop etc. have been kept outside the preview of ASI from 1999-2000 as information on these activities are available from governments sources.

1.6 Sampling Design & Sample Allocation: A new sampling design has been adopted from ASI 2012-13 following the recommendation of Dr. S. L. Shetty Committee and approved by the SCIS subsequently in its 23rd meeting. According to the new sampling design, ASI sample comprises two parts – Central Sample and State Sample. The Central Sample consists of two schemes: Census and Sample. Under Census scheme, all the units are surveyed.

(a) Census scheme:

- (i) All industrial units belonging to the six less industrially developed states/ UT's viz Manipur, Meghalaya, Nagaland, Sikkim, Tripura and Andaman & Nicobar Islands.
- (ii) For the rest of the states/ UT's., (i) units having 100 or more employees, and (ii) all factories covered under Joint Returns.

(iii) After excluding the Census scheme units, as defined above, all units belonging to the strata (**State x District x Sector x 4 digit NIC-2008**) having less than or equal to 4 units are also considered under Census Scheme. It may be noted that in the formation of stratum, the sectors are considered as Bidi, Manufacturing and Electricity.

(b) All the remaining units in the frame are considered under **Sample Scheme**. For all the states, **strata are formed for each State x District x Sector x 4-digit NIC-2008 factories**. The unit's are arranged in descending order of their number of employees. Samples are drawn as per **Circular Systematic Sampling** technique for this scheme. An even number of units with a minimum of 4 units are selected and distributed in four sub-samples. It may be noted that all the 4 sub-samples from a particular stratum may not have equal number of units.

(c) Out of these 4 sub-samples, two pre-assigned sub-samples are given to NSSO (FOD) and the other two-subsamples are given to State/UT for data collection.

(d) The entire census units *plus* all the units belonging to the two sub-samples given to NSSO (FOD) are treated as the **Central Sample**.

(e) The units belonging to the two sub-samples allocated to States/UTs are to be canvassed by the respective States/UTs. **Hence, State/UT has to use the data (collected by NSSO (FOD) and processed by CSO (IS Wing)) along with the state sample data while deriving the district level estimates for their respective State/UT.**

(f) The entire census units *plus* all the units belonging to the two sub-samples given to NSSO (FOD) *plus* all the units belonging to the two sub-samples given to State/UT are required for pooling of Central and State Samples.

1.7: Classification of Industries: The NIC-1970 was followed to classify economic activities of the factories from ASI 1973-74 to ASI 1988-89. NIC-1987 had then been introduced and followed till ASI 1997-98. NIC-1998 was then followed from ASI 1998-99 to ASI 2003-04. From ASI 2004-05, the new series of classification i.e. NIC-2004 has been introduced and the same has been used till 2007-08. For ASI 2008-09 onwards, NIC-2008 has been introduced and used. It classifies all the factories in the ASI frame in their appropriate

industry groups on the basis of the principal product manufactured. This way a unit gets classified in one and only one industry group even though it might be manufacturing products belonging to different industries. The estimates for different aggregates presented in this report at two or three or four digit level of industry correspond to the NIC-2008 classification. Details of this classification have been shown in **Annexure-8**

CHAPTER – II

CONCEPTS AND DEFINITIONS

Important concepts and definitions used in ASI are explained below.

2.1. A number of accounting, economic and other terms related to the factories are used in for conduct of Annual Survey of Industries for proper assessment and interpretation of ASI data, are given below.

2.2. ACCOUNTING YEAR: For the purpose of ASI, the accounting year is the period on which the factory closes its books of account. With the enactment of Income Tax Act, by and large, the accounting year of all factories is from April to March.

2.3. REFERENCE PERIOD: It corresponds to the financial year. For example, for ASI 2013-2014 the reference period is the financial year commencing from 1st April 2013 and ending on 31st March 2014 or the accounting year of the factory ending on any date between 01.04.2013 to 31.03.2014.

2.4. SURVEY PERIOD: Survey period is a period during which work of any Annual Survey of Industries is undertaken. Since ASI 1978-79 the survey period has been fixed from 1st July to 30th June of the next year. From ASI 1998-99 the survey period has been changed from 12 months to 4 months i.e. from Nov'1999 to Feb'2000. The survey period for ASI 1999-2000 has been again changed from October to March. The survey period for ASI 2013-2014 is from October, 2014 to June 2015.

2.5. FACTORY (AS PER THE FACTORY ACT 1948): 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 precinct thereof (i) wherein 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 (ii) wherein 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. Closed factories with fixed assets on site are also considered as registered factories till they are de-

registered and removed from the live-register maintained by the Chief Inspector of Factories (CIF) in the State.

2.6. MANUFACTURING PROCESS: This is as per Section 2(k) of the Factories Act, 1948.

2.7. GROSS VALUE OF PLANT AND MACHINERY: Gross value of plant and machinery represents the total original (un-depreciated) value of installed plant and machinery as at the end of the accounting year. It includes the book value of own constructed plant and machinery, if installed, and the approximate value of rented-in plant and machinery as at the time of renting in but excludes the value of rented-out plant and machinery. Total value of all the plant and machinery acquired on hire-purchase basis is also included. Thus it represents the gross value of plant and machinery engaged in production process.

2.8. FIXED CAPITAL: 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, which have normal productive life of more than one year. Fixed capital covers all type of assets, new or used or own constructed, deployed for productions, transportation, living or recreational facilities, hospitals, schools, etc. for factory personnel. It would include land, building, plant and machinery, transport equipment etc. It includes the fixed assets of the head office allocable to the factory and also the full value of assets taken on hire-purchase basis (Whether fully paid or not) excluding interest element. It excludes intangible assets and assets solely used for post manufacturing activities such as, sale, storage, distribution, etc.

2.9. DEPRECIATION: Depreciation is consumption of fixed capital by the factory due to wear and tear and obsolescence during the accounting year and is taken as provided by the factory owner, or if not provided by the factory this is estimated on the basis of cost of installation and working life of the fixed assets.

2.10. FINISHED GOODS: Finished Goods are those, which are manufactured by the factory for sale. Finished goods should conform to a prescribed standard.

2.11. PHYSICAL WORKING CAPITAL: This is defined to include all physical inventories owned, held or controlled by the factory as on the closing day of the accounting

year such as the materials, fuels and lubricants, stores, etc. that enter into products manufactured by the factory itself or supplied by the factory to others for processing. Physical working capital also includes the value of stock of materials, fuels and stores etc. purchased expressly for re-sale, semi-finished goods and goods-in-process on account of others and goods made by the factory which are ready for sale at the end 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. Finished goods processed by others from raw materials supplied by the factory and held by them are included and finished goods processed by the factory from raw materials supplied by others, are excluded.

2.12. WORKING CAPITAL: Working Capital is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank, land, the net balance of amounts receivable over amounts payable at the end of the accounting year. Amounts receivable include value of credit items on revenue account, such as sums due to the factory for goods sold, amounts advanced in connection with normal factory work, bills of exchange payable to the factory, payments made in advance such as for fire insurance, telephone charges, rates and taxes, call deposits and security deposits having a normal life of less than one year, etc. It excludes unused overdraft facility, fixed deposits irrespective of duration, advances for acquisition of fixed assets, long-term loans including interest thereon and investment.

2.13. INVESTED CAPITAL: Invested capital is the total of fixed capital and physical working capital.

2.14. PRODUCTIVE CAPITAL: This is the total of fixed capital and working capital.

2.15. OUTSTANDING LOANS: 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.

2.16. CONTRACT WORKERS: All persons who are not employed directly by an employer but through the third agency, i.e. contractor, are termed as contract workers. Those workers may be employed with or without the knowledge of the principal employer.

2.17. EMPLOYEES: Employees relate to all persons engaged by the factory whether for wages or not, in work connected directly or indirectly with the manufacturing process and include all administrative, technical and clerical staff as also labour in production of capital assets for factory's own use. This is inclusive of persons holding position of supervision or management or engaged in administrative office, store-keeping section and welfare section, watch and ward staff, sales department as also those engaged in the purchase of raw materials etc. and production of fixed assets for the factory. It also includes all working proprietors and their family members who are actively engaged in the work of the factory even without any pay and the unpaid members of the co-operative societies who work in or for the factory in any direct and productive capacity. Persons in the head office connected with the manufacturing activity of the factory are also included in this item.

2.18. LABOUR TURNOVER: Labour turnover measures the extent of change in the working force due to accession and separation during a given period. The term 'accession' was defined as the total number of workers added to employment during the period, whether new or reemployed or transferred from other establishments or units under the same management. Interdepartmental transfers within the same establishment are, however ignored. The term 'separation' implies termination of employment at the instance of worker or employers. It includes termination of services due to death or retirement. As in the case of accession, transfers to other establishments are included but transfers within the same establishment are ignored. Retrenchment as a result of rationalisation or modernisation or any other cause, is also treated as separation.

2.19. WAGES: Wages are defined to include all remuneration capable of being expressed in monetary terms and also payable/paid more or less regularly in each pay period to workers (defined above) as compensation for work done during the accounting year. It includes:

- (i) Direct wages and salary (i.e. basic wages/salaries, payment of overtime, dearness, compensatory, house rent and other allowances);
- (ii) Remuneration for period not worked(i.e. basic wages), salaries and allowances payable for leave period, paid holidays, lay-off payments and compensation for unemployment (if not paid from source other than employers);

(iii) Bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses and good attendance bonuses, production bonuses, profit sharing bonuses, festival or yearend bonuses etc.).

It excludes layoff payments and compensation for employment except where such payments are for this purpose, i.e., payments not made by the employer. It excludes employer's contribution to old age benefits and other social security charges, direct expenditure on maternity benefits and crèches and other group benefit in kind and travelling and other expenditure incurred for business purposes and reimbursed by the employer. The wages are expressed in terms of gross value, i.e., before deductions for fines, damages, taxes, provident fund, employee's state insurance contribution etc. Benefits in kind (perquisites) of individual nature are only included.

2.20. BONUS: Profit sharing bonus, festival bonus, year-end bonus, and all other bonuses and ex-gratia payments paid at less frequent intervals are covered by this term.

2.21. WORKMEN AND STAFF WELFARE EXPENSES: These include expenditure incurred by the employer on the maternity benefits and crèches and other benefits such as supply of food, beverages, tobacco, clothing and group lodging at concessional rates and educational, cultural and recreational facilities and services and grants to trade unions and cooperative stores meant for employees. All group benefits are included.

2.22. EMOLUMENTS: These are defined in the same way as wages but paid to all employees plus imputed value of benefits in kind i.e. the net cost to the employers on those goods and services provided to employees free of charge or at markedly reduced cost which are clearly and primarily of benefit to the employees as consumers. It includes profit sharing, festival and other bonuses and ex-gratia payments paid at less frequent intervals (i.e. other than bonus paid more or less regularly for each period). Benefits in kind include supplies or services rendered such as housing, medical, education and recreation facilities. Personal insurance, income tax, house rent allowance, conveyance etc. for payment by the factory also is included in the emoluments.

2.23. SUPPLEMENTS TO EMOLUMENTS: These include: (i) employer's contribution to old age benefits, i.e., provident fund, pension, gratuity, etc.; (ii) employer's contribution

towards other social security charges such as Employees' State Insurance, compensation for work injuries, occupational diseases, maternity benefits, retrenchment and lay-off benefits etc.; and (iii) group benefits like direct expenditure on maternity, crèches, canteen facilities, educational, cultural and recreational facilities and grant to trade unions, co-operative stores etc. meant for employees.

2.24. COMPENSATION OF EMPLOYEES: Compensation of employees is the total of emoluments and supplement to emoluments.

2.25. MANDAYS WORKED: These are obtained by summing up the number of man days worked by persons working in each shift over all the shifts on all days, i.e. both manufacturing and non-manufacturing days. This figure excludes persons who are paid but remain on leave, strike, etc.

2.26. MANDAYS PAID FOR: The number of man days paid for, is arrived at by summing up the number of employees paid for in each shift. This also includes man days on weekly schedule holidays if paid for and those absences with pay as also man days lost through lay off/ strike for which compensation was payable.

2.27. WORKING DAY: Working day means the days on which a manufacturing process and/ or repair or maintenance work was carried on.

2.28. NON-WORKING DAY: Apart from manufacturing day and repair and maintenance days there may be some non-working days. Non working days are those days on which the workers give their attendance but due to non-availability of raw materials power etc. no effective work is done. As the workers are paid for these days such days are also taken into account for the purpose of labour statistics.

2.29. BASIC MATERIALS: Basic materials are the materials which are important and of key nature to the industry, on which the manufacturing process is based, viz. metal for machine, leather for shoe. Such material is not lost through the process of production but only changes its forms.

2.30. CONSUMABLE STORES: All such materials which assist the manufacturing process and lose their identity without entering the products are called consumable stores, e.g., cotton waste.

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

2.32. MATERIALS CONSUMED: Materials consumed represent the total delivered value of all items of raw materials, components, chemicals, packing materials and stores which actually entered into the production process of the factory during the accounting year. It also includes the cost of all the materials used in the production of fixed assets, including construction work for factory's own use. Components and accessories fitted as purchased with the finished product during the accounting year are also to be included. It excludes intermediate products. Intermediate products in the above context mean all those products which are produced by the factory and consumed for further manufacturing process.

2.33. TOTAL INPUT: This comprises gross value of fuel materials etc. consumed (as defined above) and also other inputs viz. (a) cost of non-industrial services received from others (b) cost of materials consumed for repair and maintenance of factory's fixed assets including cost of work done by others to the factory's fixed assets (c) cost of contract and commission work done by others on materials supplied by the factory (d) cost of office supplies and products reported for sale during last year & used for further manufacture during the accounting year.

2.34. INTERMEDIATE PRODUCT: Intermediate Product is a product which is obtained during a manufacturing process, which may or may not be saleable and is not the intended final product.

2.35. NET VALUE OF SEMI-FINISHED GOODS: It represents the excess/deficit of value of semi-finished goods and/or goods-in-process at the end of the accounting year over that at the beginning of year.

2.36. PRODUCTS: These are defined to include the ex-factory value (i.e. exclusive of taxes, duties etc. on sale and inclusive of subsidies etc., if any) of all products and by-products, excluding intermediate products, that have been completed during the accounting year for sale whether actually sold during the accounting year or entered into books. Also include fixed assets produced by the factory for its own use.

2.37. GROSS OUTPUT: Gross output is defined to include the ex-factory value, (i.e., exclusive of taxes, duties, etc. on sale and inclusive of subsidies etc., if any) of products and by-products manufactured during the accounting year, and the net value of the semi-finished goods, work-in process, (represents the excess/deficit of value of semi-finished goods or work-in-process at the end of the accounting year over that of the beginning of the year plus net balance of semi-finished fixed assets on factory's capital account) and also the receipts for industrial and non- industrial services rendered to others, value of semi-finished goods of last year sold in the current year, sale value of goods sold in the same condition as purchased and value of electricity generated and sold. Value of gross output and total output has been used in the text interchangeable to mean the same thing.

2.38. INDUSTRIAL SERVICES: Any services taken or rendered from one to another unit resulting in increase in the value of material during the manufacturing process are industrial services.

2.39. NON-INDUSTRIAL SERVICES: All such services which do not have a direct bearing on the manufacturing process but are needed by any manufacturing unit are called non-industrial services, say, and transport.

2.40. NET VALUE ADDED: This is the increment to the value of goods and services that is contributed by the factory and is obtained by deducting the value of total inputs and depreciation from gross value of output.

CHAPTER – III

PRINCIPAL CHARACTERISTICS BY MAJOR INDUSTRIAL ACTIVITY

3.1. Principal Aggregates: The distribution of principal characteristics by major economic activity in absolute and percentage terms by the manufacturing and others sector of industrial activity in Goa covered by the Annual Survey of Industries (ASI) 2013-14 compared with 2012-13 are given below:

TABLE NO. 3.1

PRINCIPAL CHARACTERISTICS BY MAJOR ECONOMIC ACTIVITY

Principal Characteristic s	Unit	Manufacturing		Others		All	
		2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8
Factories	Number	548	568	49	50	597	618
	(%)	(92)	(92)	(8)	(8)	(100)	(100)
Fixed Capital	Rs. in crore	7749	7252	529	682	8278	7934
	(%)	(94)	(91)	(6)	(9)	(100)	(100)
Invested Capital	Rs. in crore	12710	12049	685	1147	13395	13196
	(%)	(95)	(91)	(5)	(9)	(100)	(100)
Workers	Number	34761	37474	2577	2144	37338	39618
	(%)	(93)	(95)	(7)	(5)	(100)	(100)
Total persons engaged	Number	52308	53691	3523	2993	55831	56684
	(%)	(94)	(95)	(6)	(5)	(100)	(100)
Wages to workers	Rs. in crore	538	649	26	31	564	680
	(%)	(95)	(95)	(5)	(5)	(100)	(100)
Total Emoluments	Rs. in crore	1431	1602	65	76	1496	1678
	(%)	(96)	(95)	(4)	(5)	(100)	(100)
Input	Rs. in crore	24252	23713	1020	1684	25272	25397
	(%)	(96)	(93)	(4)	(7)	(100)	(100)
Gross Output	Rs. in crore	35397	31948	1200	1844	36597	33792
	(%)	(97)	(95)	(3)	(5)	(100)	(100)
Depreciation	Rs. in crore	682	700	43	55	725	755
	(%)	(94)	(93)	(6)	(7)	(100)	(100)
Net Value Added	Rs. in crore	10463	7535	137	105	10600	7640
	(%)	(99)	(99)	(1)	(1)	(100)	(100)
Net Income	Rs. in crore	10089	7117	109	88	10198	7205
	(%)	(99)	(99)	(1)	(1)	(100)	(100)

Figures in bracket indicate percentag

3.2. The number of factory units covered under the Annual Survey of Industries during 2012-13 and 2013-14 were 597 and 618 units providing employment to 37338 persons & 39618 persons respectively. It has been observed in the Table 3.1 that, the number of factories unit were engaged in the manufacturing activities which was 548 factory in 2012-13 has increased to 568 during the year 2013-14. The units covered under “other” industrial activities have increased over previous year from 49 to 50 to the year 2013-14.

3.3 It may be observed that the share of Manufacturing Sector in the total fixed capital has decreased from 94% to 91% in 2012-13 to 2013-14 respectively i.e. (Rs.7749crores) in 2012-13 and (Rs.7252 crores) during the year 2013-14. The percentage of fixed capital accounted for the factories covered under the “others” group of industries has been increased from 6% in 2012-13 to 9% in 2013-14. The number of workers employed in the manufacturing has increased from 93% in 2012-13 to 95% in 2013-14 and were paid wage during 2012-13 and 2013-14 i.e. Rs.538crore and Rs.649 crores respectively. The Gross output produced under manufacturing sector was valued at Rs.35397crores & Rs. 31948 crores or 97% and 95% in 2012-13 and 2013-14 respectively. The contribution of Net Value Added by manufacturing was Rs.10463 crores and Rs.7535crores i.e. 99% in 2012-13 and 2013-14.

The percentage growth during 2013-14 over 2012-13 in respect of important characteristics is exhibited in table 3.1 below

TABLE NO. 3.2
PERCENTAGE GROWTH DURING 2013-14 OVER 2012-13 IN PRINCIPAL CHARACTERISTICS
BY MAJOR ECONOMIC ACTIVITY

Principal Characteristics	Manufacturing	Others	All Industries
1	2	3	4
Factories	3.6	2.0	3.5
Fixed Capital	-6.4	28.9	-4.2
Invested Capital	-5.2	67.4	-1.5
Workers	7.8	-16.8	6.1
Total persons engaged	2.6	-15.0	1.5
Wages to workers	20.6	19.2	20.6
Total Emoluments	11.9	16.9	12.2
Input	-2.2	65.1	0.5
Gross Output	-9.7	53.7	-7.7
Depreciation	2.6	27.9	4.1
Net Value Added	-28.0	-23.4	-27.9
Net Income	-29.5	-19.3	-29.3

3.4. Growth: It is observed from table no. 3.2 that total number of factory units under ‘Manufacturing Sector’ has increased by 3.6 % during 2013-14 over 2012-13 and it has also increased by 2% under ‘Others Sector’ during the year 2013-14 over 2012-13.

The growth in Net Value Added during 2013-14 over 2012-13 under all industries shows negative trend -27.9%. Among other characteristics enjoying positive growth in manufacturing sector are Workers (7.8), Total person engaged (2.6%), Wages to workers (20.6%), Total Emoluments (11.9%), Depreciation (2.6%).Whereas Fixed capital, Invested capital, Input and Gross output, Net Value Added & Net Income have shown negative growth of (-6.4%), (-5.2%) , (-2.2%),(-9.7%),(-28.0) & (-29.5) respectively during the year 2013-14 over 2012-13.

Table No. 3.3

STRUCTURAL RATIOS AND TECHNICAL COEFFICIENTS BY MAJOR ECONOMIC ACTIVITY

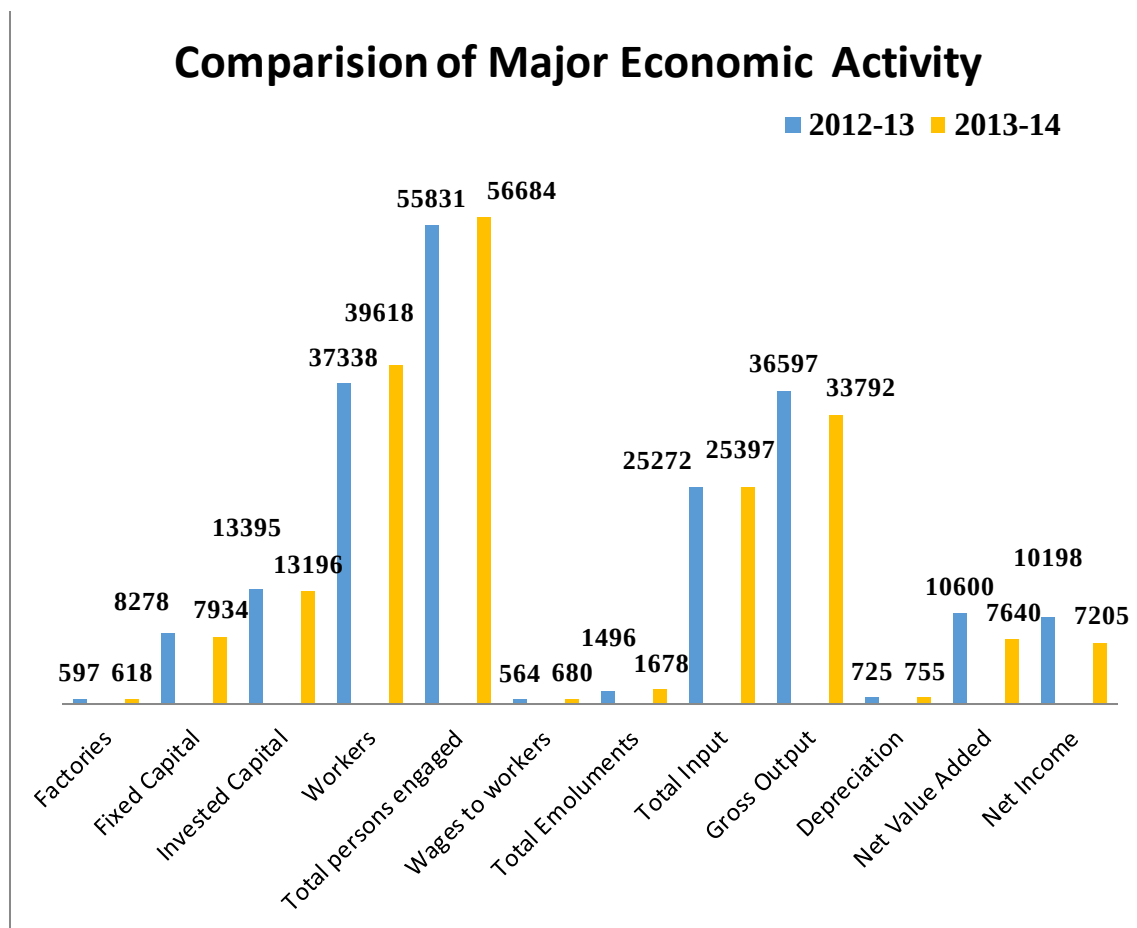
Item	Unit	Manufacturing		Others		All	
		2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8
Structural Ratios							
Fixed capital per factory	Rs. in lakh	1414.16	1276.74	1079.08	1364.36	1386.66	1283.83
Gross output per factory	Rs. in lakh	6459.26	5624.61	2448.67	3687.46	6130.08	5467.88
Net value added per factory	Rs. in lakh	1909.25	1326.54	279.31	210.22	1775.47	1236.22
Workers per factory	Number	63	66	53	43	63	64
Persons engaged per factory	Number	95	95	72	60	94	92
Fixed capital per	Rs. in lakh	14.82	13.51	15.01	22.79	14.83	14.00
Gross output per person engaged	Rs. in lakh	67.67	59.50	34.06	61.60	65.55	59.61
Net value added per person engaged	Rs. in lakh	20.00	14.03	3.88	3.51	18.99	13.48
Total emoluments per person engaged	Rs. in lakh	2.74	2.96	1.85	2.54	2.68	2.94
Wages per worker	Rs. in lakh	1.55	1.73	1.01	1.45	1.51	1.72
Technical Coefficient							
Fixed capital to Net value added		0.74	0.96	3.86	6.49	0.78	1.04
Fixed capital to Gross output		0.22	0.23	0.44	0.37	0.23	0.23
Net value added to Gross output		0.30	0.24	0.11	0.06	0.29	0.23
Total emoluments to Net value added		0.14	0.21	0.48	0.72	0.14	0.22

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

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.1386.66 lakh and Rs.1283.83 lakh out of which the Manufacturing Sector utilised Rs.1414.16 lakh and Rs.1276.74 lakh during 2012-13 & 2013-14 respectively. The ratio of Net value added per factory has decreased from Rs.1909.25 lakhs to Rs.1326.54 lakhs during the year 2012-13 & 2013-14 under manufacturing sector and under “Others” category it has also decreased from Rs.279.31 lakh to Rs. 210.22 lakh during the year 2012-13 & 2013-14. Net value added per person engaged shows a decreasing trend in both manufacturing sector and under “Others” category sector of industries. It is important to note that the average wages per worker per annum has increased marginally from Rs. 1.55 lakh in 2012-13 to Rs.1.73 lakhs in 2013-14. On the other hand, number of workers employed per factory during 2013-14 has increased in factories covered under “manufacturing sector” and decreased in “others” group Whereas Gross output per person engaged shows a declining trend in “manufacturing” sector and upward trend in “Others” sector.

As regards, Technical Coefficients, the coefficient of fixed capital to net value added to all Sectors has increased from 0.78 to 1.04 during 2012-13 and 2013-14 respectively. The coefficient of Fixed Capital to Gross Output in Manufacturing Sector has increased marginally by 0.01 during 2013-14 over 2012-13. Whereas the coefficient of net value added to gross output in manufacturing sector has decreased from 0.30 to 0.24 during the year 2012-13 to 2013-14. Total emoluments paid in terms of Net value added generated has increased in Manufacturing sector from 0.14 to 0.21 and also in “Others” category sector from 0.48 to 0.72 in 2012-13 & 2013-14 respectively.

PRINCIPAL CHARACTERISTICS BY MAJOR ECONOMIC ACTIVITY



CHAPTER – IV

DISTRIBUTION OF FACTORIES BY SIZE OF EMPLOYMENT

4.1 Table 4.1 reveals 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 2013-14 are compared with the results of 2012-13.

TABLE NO.4.1

DISTRIBUTION OF FACTORIES BY SIZE OF EMPLOYMENT

(Rs in crores.)

Employment range	Factories (Numbers)		Fixed Capital		Workers (Numbers)		Gross Output		Net value added	
	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11
0-49	352	396	539	980	3770	5240	2191	2687	188	97
(%)	(59)	(64)	(7)	(12)	(10)	(13)	(6)	(8)	(2)	(1)
50-99	74	76	796	627	3083	3498	2357	3022	468	505
(%)	(12)	(12)	(10)	(8)	(8)	(9)	(6)	(9)	(4)	(7)
100-199	97	74	2224	1138	9174	7687	11821	4012	5006	1169
(%)	(16)	(12)	(27)	(14)	(25)	(19)	(32)	(12)	(47)	(15)
200-499	47	43	1397	1425	8347	8399	5749	6279	1526	1720
(%)	(8)	(7)	(17)	(18)	(22)	(21)	(16)	(19)	(14)	(23)
500 & above	27	29	3322	3764	12964	14794	14479	17792	3412	4148
(%)	(5)	(5)	(40)	(47)	(35)	(37)	(40)	(53)	(32)	(54)
Total	597	618	8278	7934	37338	39618	36597	33792	10600	7640
(%)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)

Figures in bracket indicate percentages

Out of the total number of 618 factories covered during 2013-14, factory units employing less than 50 persons were found to be covering 64% or 396 units and this coverage was 59% or 352 units of the total 597 factories in the year 2012-13. In the units employing persons in the range of 500 & above, the utilization of fixed capital has increased from 40% in 2012-13 to 47% in 2013-14 and provided employment to the workers to the tune of 37% during the year 2013-14. During the year 2013-14, the Gross output of 53% was recorded against the year 2012-13 which was 40% of the factory units that classified under the range 500 & above. The factories in the range of 500 & above generated, the Net value added during the same year 2013-14 which worth 54% of the total.

TABLE NO. 4.2
PERCENTAGE GROWTH IN FACTORIES BY SIZE OF EMPLOYMENT
DURING 2013-14 OVER 2012-13

Employment range	Factories	Fixed capital	Workers	Gross Output	Net value added
1	2	3	4	5	6
0-49	12.5	81.8	39.0	22.6	-48.4
50-99	2.7	-21.2	13.5	28.2	8.0
100-199	-23.7	-48.8	-16.2	-66.1	-76.6
200-499	-8.5	2.0	0.6	9.2	12.7
500 & above	7.4	13.3	14.1	22.9	21.6
Total	3.5	-4.2	6.1	-7.7	-27.9

4.2. Table 4.2 show a marginal growth of 3.5% in total number of factories covered during 2013-14 compared to 2012-13. While the number of factories covered in the employment range of 0-49 has increased by 11.4% to 12.5 during the year 2013-14. Employment range 100-199 & 200-499 has decreased to -23.7 & -8.5% respectively for the year 2013-14 compared to the year 2012-13. The Negative growth of -21.2% & -48.8 % in fixed capital noticed in employment range of 50-99 & 200-499 for the year 2013-14 over 2012-13. As regards, Total Number of workers in all employment range from 0-49 to 500 & above have registered a positive growth except in the range of 100-199 which shows the negative growth of 16.2%. Gross output in all employment range secured positive output except in employment range of 100-199 which shows -66.1% decreasing growth during the year 2013-14. NVA shows decreasing trend of -76.6% in employment range of 100-199 during the year.

Table No. 4.3
STRUCTURAL RATIOS AND TECHNICAL COEFFICIENTS BY SIZE OF EMPLOYMENT

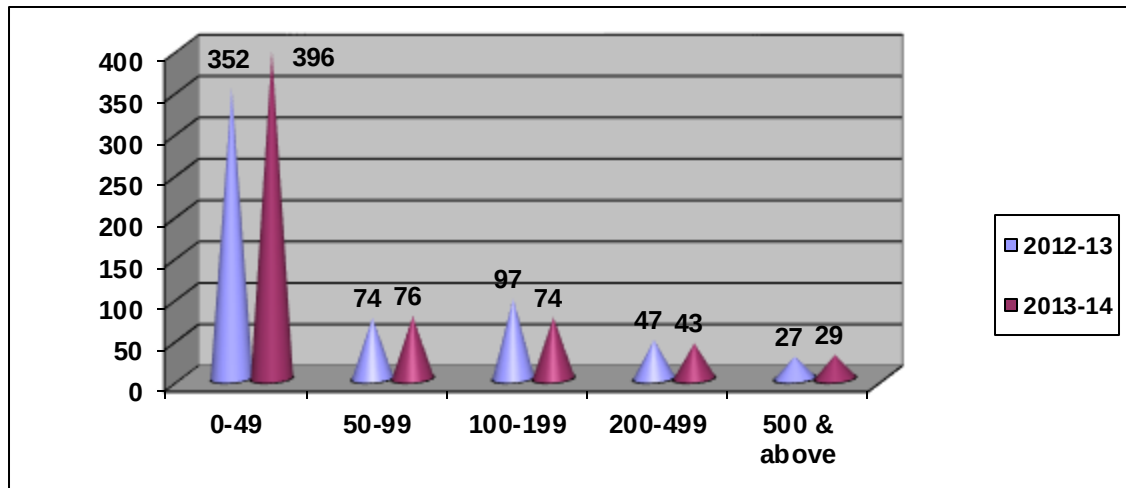
Employment range	Fixed capital per person engaged (Rs. in lakh)		Net value added per person engaged (Rs. in lakh)		Wages per worker (Rs. in lakh)		Technical Coefficient							
							FC to NVA		FC to GOP		NVA to GOP		Total Emoluments to NAV	
	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0-49	9.50	12.80	3.32	1.27	0.91	1.06	2.86	10.11	0.25	0.36	0.09	0.04	0.48	1.38
50-99	16.63	11.69	9.77	9.42	1.23	1.45	1.70	1.24	0.34	0.21	0.20	0.17	0.29	0.28
100-199	17.34	11.18	39.04	11.49	1.46	1.63	0.44	0.97	0.19	0.28	0.42	0.29	0.07	0.24
200-499	11.47	13.11	12.53	15.83	1.82	2.38	0.92	0.83	0.24	0.23	0.27	0.27	0.28	0.28
500 & above	16.31	16.64	16.75	18.34	1.59	1.68	0.97	0.91	0.23	0.21	0.24	0.23	0.15	0.15
Total	14.83	14.00	18.99	13.48	1.51	1.72	0.78	1.04	0.23	0.23	0.29	0.23	0.14	0.22

4.3. Structural ratios and technical coefficient: Important ratios and coefficients indifferent Employment ranges are given in table 4.3 The average least value of fixed capital utilized during 2013-14 was in the range of 100-199 being Rs.11.18 lakhs which is in decreasing trend and the highest was in the range of 500& above being Rs.16.64 lakhs which is in increasing trend as compared to 2013-14. Highest value of NVA of Rs.18.34 lakhs per person engaged among all the employment ranges was generated in the employment range 500& above. The highest average wage remuneration was paid in the employment range of 200-499 i.e. Rs.2.38 lakh during the year 2013-14 which is in increasing trend over 2012-13.

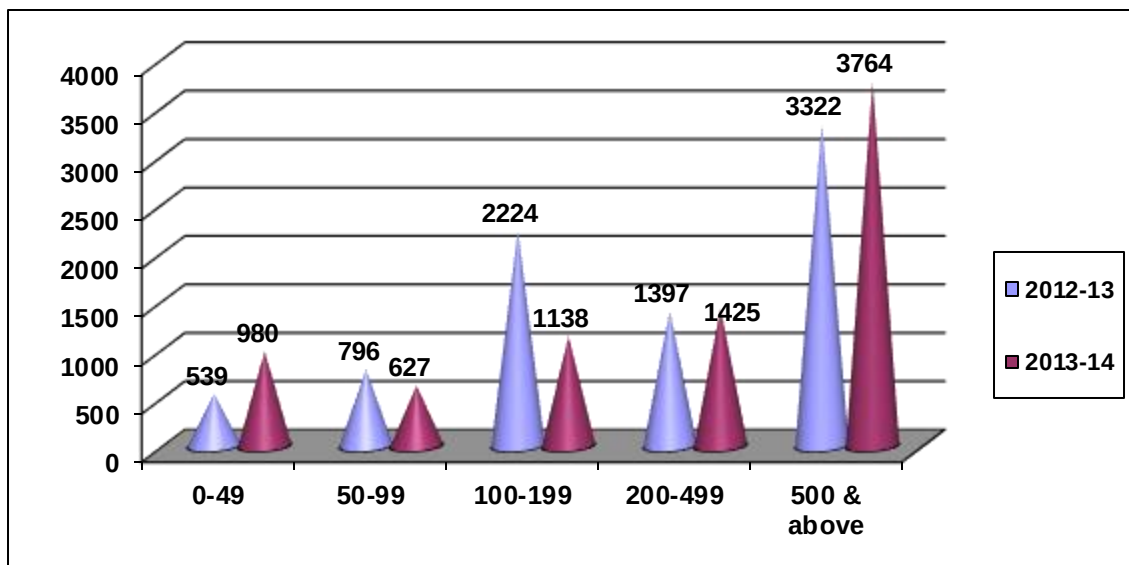
The Net value added co-efficient measured by value of Fixed Capital required to generate each rupee of Net value added i.e. (FC to NVA) varies from a low value of 0.83 among factories in employment size class 200-499& above to a high value of 10.11 in the employment size class of 0-49 in the year 2013-14, while in FC to Gross Output ranged from 0.21 to 0.36 among the factories in the employment range class of 500 &above and 0-49 respectively during the year 2012-13. The value of NVA to Gross output was highest in 100-199 employment range i.e. 0.29. Total emoluments to NVA were ranged between 0.15% to 1.38% in the employment range of 500& above and 0-49 respectively. In other words, 0.15% to 1.38% 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) No. of Factories



(ii) Fixed Capital (Rs. in crores)



CHAPTER – V

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 un-depreciated 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	
	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11
Upto 5.0	255	236	252	188	3191	4683	876	1285	127	193
(%)	(42.71)	(38.19)	(3.04)	(2.37)	(8.55)	(11.82)	(2.39)	(3.80)	(1.20)	(2.53)
5.0 - 20	17	15	7	12	241	158	41	81	12	10
(%)	(2.85)	(2.43)	(0.08)	(0.15)	(0.65)	(0.40)	(0.11)	(0.24)	(0.11)	(0.13)
20 - 50	27	44	80	101	663	562	332	348	59	31
(%)	(4.52)	(7.12)	(0.97)	(1.27)	(1.78)	(1.42)	(0.91)	(1.03)	(0.56)	(0.41)
50 - 200	45	67	87	146	1604	1800	598	731	124	109
(%)	(7.54)	(10.84)	(1.05)	(1.83)	(4.30)	(4.54)	(1.63)	(2.16)	(1.17)	(1.43)
200 - 1000	131	130	681	908	7273	6035	3967	3063	571	295
(%)	(21.94)	(21.04)	(8.23)	(11.44)	(19.48)	(15.23)	(10.84)	(9.07)	(5.39)	(3.86)
1000-5000	81	84	1893	1376	10799	12372	11445	7568	5387	1893
(%)	(13.57)	(13.59)	(22.87)	(17.34)	(28.92)	(31.23)	(31.27)	(22.40)	(50.82)	(24.78)
>5000	41	42	5279	5205	13567	14008	19338	20716	4320	5108
(%)	(6.87)	(6.80)	(63.77)	(65.60)	(36.34)	(35.36)	(52.84)	(61.30)	(40.75)	(66.86)
Total	597	618	8278	7934	37338	39618	36597	33792	10600	7640
(%)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)

(Figures in bracket indicate percentages)

The concentration of as much as 255 and 236 establishments or 42.71% and 38.19% of the total number of registered factories covered during the years 2012-13 and 2013-14 respectively, invested on an average amount up to Rs.5 lakh in plant and machinery.

As against these factories with gross investment in plant & machinery between Rs.200-1000 lakh covered 131 and 130 (21.94% and 21.04%) factories in number and used Rs.681 crore and Rs.908 crore (8.23% & 11.44%) of the fixed capital. Further this group engaged workforce of 7273 and 6035; it produced goods and services worth Rs.3967 crore & Rs.3063 crore and contributed Rs.571 crore & Rs.295 crore on Net value added by manufacture during the years 2012-13 and 2013-14 respectively.

The lowest numbers of factories covered during 2012-13 were 17 or 2.85% in the capital range of Rs.5-20 lakhs, and it was 15 or 2.43% during 2013-14 in the same capital range of Rs.5-20 lakhs. The factories in the capital range of Rs.5000 lakh and above utilized fixed capital worth Rs.5279 crore & Rs.5205 crores (63.77% and 65.60% each), which provided employment to 13567 and 14008 (36.33% & 35.36%) persons during 2012-13 & 2013-14 respectively. The contribution of the factories above Rs.5000 lakh capital range towards gross output was to the tune of Rs.19338 crore and Rs.20716 crore or 52.84% & 61.30% and the Net value added by manufacture was Rs.4320 crore or 40.75% and Rs.5108 crore or 66.86% during the year 2012-13 & 2013-14 respectively.

The lowest fixed capital of Rs.7 crore (0.08%) during 2012-13 and Rs.12 crore (0.15%) during the year 2013-14 were noticed in the capital range of Rs.5.0-20 lakh. The least number of workers employed were 241 and 158 workers in the capital range of Rs.5.0-20 lakh during the years 2012-13 & 2013-14 respectively who produced goods/services of the value of Rs.41 crores and Rs.81 crore contributing to the net income in the form of net value added of the order of Rs.12 crore and Rs.10 crore of the total net value added during the year 2012-13 and 2013-14.

TABLE NO. 5.2
PERCENTAGE GROWTH IN PRINCIPAL CHARACTERISTICS BY
SIZE OF CAPITAL DURING 2013-14 OVER 2012-13

Capital range of Plant & Machinery (Rs. in lakh)	Factories	Fixed Capital	Workers	Gross Output	Net Value Added
1	2	3	4	5	6
Upto 5.0	-7.5	-25.3	46.8	46.7	52.3
5.0 – 20	-11.8	67.3	-34.4	96.7	-19.3
20 – 50	63.0	25.8	-15.2	4.8	-47.4
50 – 200	48.9	67.3	12.2	22.2	-11.9
200 – 1000	-0.8	33.3	-17.0	-22.8	-48.3
1000-5000	3.7	-27.3	14.6	-33.9	-64.9
>5000	2.4	-1.4	3.3	7.1	18.2
Total	3.5	-4.2	6.1	-7.7	-27.9

Growth: Table 5.2 exhibits the growth in factories during the year 2013-14 over the previous year in terms of factories with gross investment in plant and machinery. Factories investing in plant and machinery in the capital range of Rs. 20-50 lakhs have registered highest growth of 63.0% followed by 48.9% in Rs.50-200 lakhs in capital range. However, there was negative growth in number of factories in the capital ranges upto Rs.5.0 lakhs, Rs 5.0 -20 lakhs, & Rs.200-1000 lakhs during 2013-14 over 2012-13.

The maximum growth of 67.3% in the fixed capital was noticed in the employment range in Rs.5.0-20 lakh & 50-200 lakhs followed by 33.3% in the range of Rs.200-1000 lakhs. The highest growth in the number of workers employed is in the capital ranges of upto Rs.5.0 lakh i.e 46.8%. Gross output grew by 96.7% followed by 46.76 in capital range to Rs.5.0 lakhs. Maximum growth in net value added i.e.52.3% was observed in the factories investing in plant and machinery in capital range upto Rs.5.0 lakhs

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

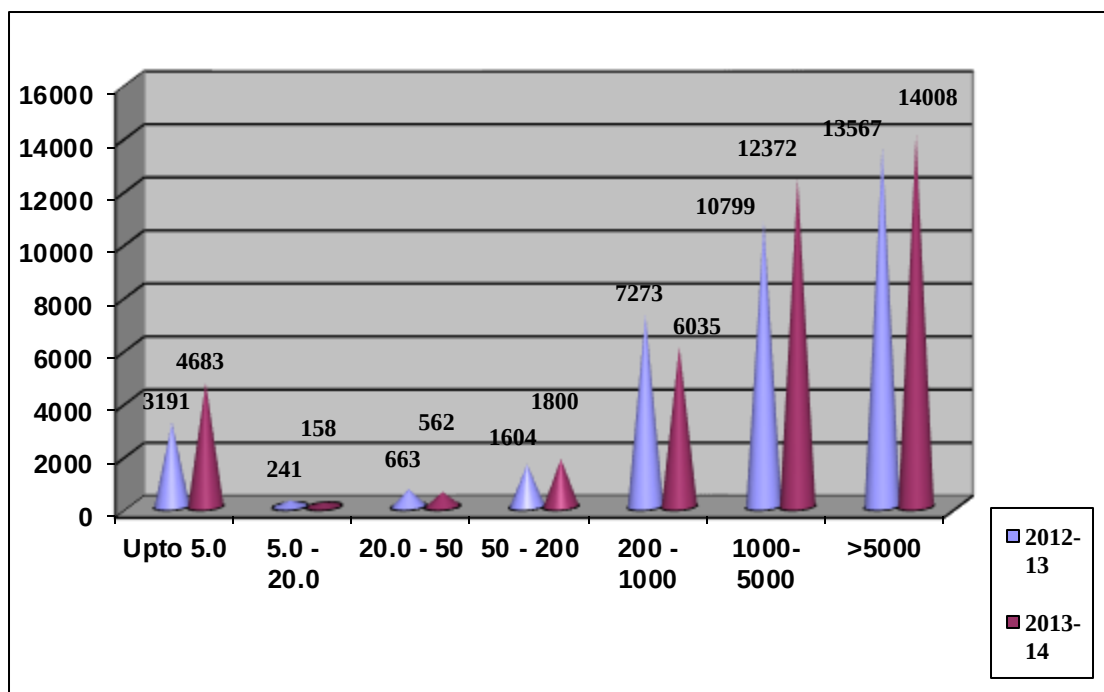
Capital range of Plant & Machinery (Rs.)	Fixed capital per person engaged (Rs. in lakh)		Net value added per person engaged (Rs. in lakh)		Wages per worker (Rs. in lakh)		Technical Coefficient							
							FC to NVA		FC to GOP		NVA to GOP		Total Emoluments to NVA	
	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Upto 5.0	5.94	3.12	3.00	3.21	0.96	0.98	1.98	0.97	0.29	0.15	0.15	0.15	0.50	0.44
5.0 - 20	2.02	3.45	3.56	2.86	0.84	1.45	0.57	1.21	0.17	0.15	0.30	0.12	0.42	0.65
20 - 50	6.86	12.39	5.06	3.82	1.21	1.49	1.36	3.24	0.24	0.29	0.18	0.09	0.49	0.77
50 - 200	3.55	5.33	5.05	4.00	0.95	1.35	0.70	1.33	0.15	0.20	0.21	0.15	0.33	0.55
200 - 1000	6.23	10.26	5.23	3.33	1.04	1.31	1.19	3.08	0.17	0.30	0.14	0.10	0.45	0.77
1000-5000	11.32	7.79	32.30	10.72	1.45	1.64	0.35	0.73	0.17	0.18	0.47	0.25	0.07	0.25
>5000	26.41	25.68	21.61	25.21	2.04	2.26	1.22	1.02	0.27	0.25	0.22	0.25	0.16	0.16
Total	14.83	14.00	18.99	13.48	1.51	1.72	0.78	1.04	0.23	0.23	0.29	0.23	0.14	0.22

The lowest and the highest ratio for Fixed Capital per person engaged during 2012-13 is Rs. 2.02 lakh and Rs.26.41 lakhs in the capital range upto Rs.5.0-20 lakh and Rs.>5000 lakhs respectively, while it was Rs.3.12 lakh and Rs.25.68 lakhs in the capital ranges of upto Rs.5.0 lakhs and > Rs.5000 lakhs respectively during 2013-14. The Net value added contributed by each person engaged was as high as Rs.32.30 lakhs and Rs.25.21 lakhs in the factories of the capital range of Rs.1000-5000 lakhs and Rs.>5000 lakhs range for the year 2012-13 and 2013-14 respectively and the lowest being Rs. 3.00 lakh and Rs.2.86 lakh in the capital range of up to upto Rs.5.0 lakh and Rs.5.0-20 lakhs during 2012-13 and 2013-14 respectively.

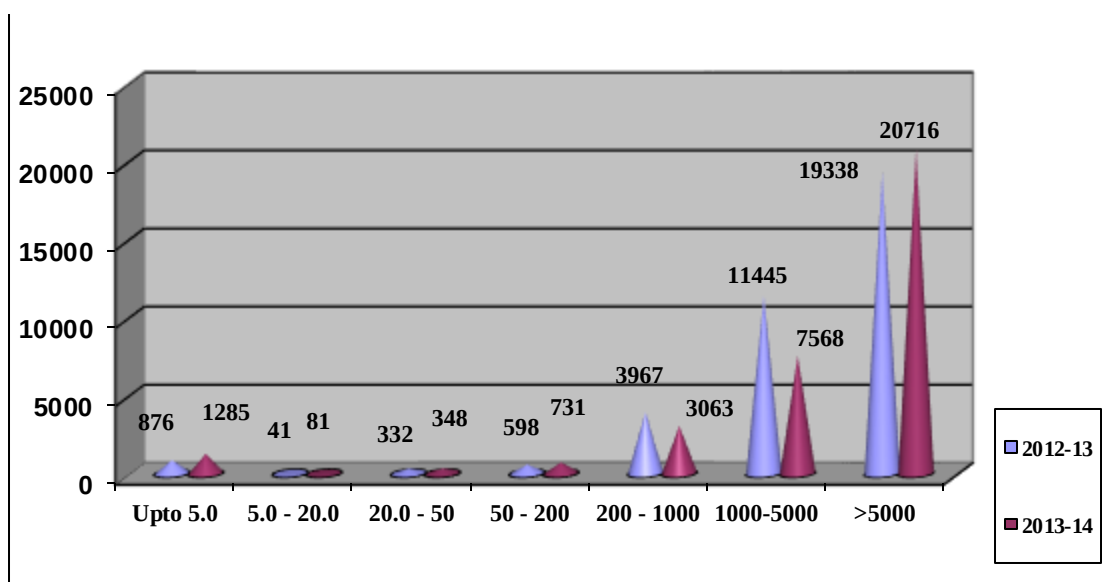
The workers employed in the capital range investment of above Rs. >5000 lakhs were paid average highest remuneration to the tune of Rs.2.04 lakh and Rs.2.26 lakh per annum during the respective years, average remuneration of all the capital ranges being Rs.1.51 lakh and Rs.1.72 Lakh respectively for the years under consideration.

As far as co-efficient is concerned, least Fixed Capital utilized to generate Net Value Added worth rupees 0.35 and 0.73 noted during 2012-13 and 2013-14 in the capital range Rs.1000-5000 lakh . However, the highest was in the range of upto 5.0 i.e. 1.98 during 2012-13 and it was 3.24 in the capital range of upto Rs 20-50 lakh during the year 2013-14. The highest Fixed Capital utilized to produce Gross Output was 0.30 in the range up-to Rs. 200-1000 lakh during 2013-14, and the least was 0.15 which falls in the ranges of uptoRs.50-0 lakh & 5.0-20 lakhs for the year 2013-14.The highest Total Emoluments to NAV was in the range of Rs 20-50 lakh & Rs. Rs200-1000 i.e.0.77 and lowest was in the range of Rs.>5000 lakhs is 0.16 for the year 2013-14.

i) No. of workers



ii) Gross Output ((Rs. in crores)



CHAPTER – VI

DISTRIBUTION OF FACTORIES BY TYPE OF OWNERSHIP

Principal Characteristics : Table No.6.1 indicate the distribution of factories canvassed during the years 2012-13 and 2013-14 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	
	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11
1. Wholly Central Govt	1	1	8	7	36	29	98	8	37	0.4
(%)	(0.17)	(0.16)	(0.10)	(0.09)	(0.10)	(0.07)	(0.27)	(0.02)	(0.35)	(0.00)
2. Wholly State Govt.	3	1	15	5	358	144	70	36	9	3
(%)	(0.05)	(0.16)	(0.18)	(0.06)	(0.96)	(0.36)	(0.19)	(0.11)	(10.00)	(0.05)
3. Central & State/local Govt	1	1	3	3	33	31	3	3	2	2
(%)	(0.17)	(0.16)	(0.04)	(0.03)	(0.09)	(0.08)	(0.01)	(0.01)	(9.00)	(0.03)
4. Public Sector (1+2+3)	5	3	26	15	427	204	171	46	49	6
(%)	(0.84)	(0.49)	(0.31)	(0.19)	(1.14)	(0.51)	(0.47)	(0.14)	(0.46)	(0.08)
5. Joint Sector (Public)	48	47	3261	1716	12867	6794	11801	6511	3813	2332
(%)	8.04	7.61	39.39	21.63	34.46	17.15	32.25	19.27	35.97	30.53
6. Joint Sector (Private)	32	68	1577	3450	3982	12485	8813	16092	1657	3432
(%)	5.36	11.00	19.05	43.48	10.66	31.51	24.08	47.62	15.63	44.92
7. Joint Sector (5+6)	80	115	4839	5166	16849	19279	20614	22603	5470	5764
(%)	(13.40)	(18.61)	(58.46)	(65.11)	(45.13)	(48.66)	(56.33)	(66.89)	(51.60)	(75.44)
8. Wholly Private	456	467	3389	2751	19748	20052	15701	11134	5064	1869
(%)	(76.38)	(75.57)	(40.94)	(34.67)	(52.89)	(50.61)	(42.90)	(32.95)	(47.77)	(24.46)
9. Other (Incl NR)	56	33	24	3	314	83	111	8	17	1
(%)	(9.38)	(5.34)	(0.29)	(0.03)	(0.84)	(0.21)	(0.30)	(0.02)	(0.16)	(0.02)
Total	597	618	8278	7934	37338	39618	36597	33792	10600	7640
(%)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)

(Figures in bracket indicates percentage)

It may be observed that a very large in number viz. 456 and 467 or 76.38% and 75.57% of the total factories belonging to wholly private ownership category, controlled the whole set up dominating in all attributes over all the sectors. This sector alone provided employment to 19748 workers and the same is marginally increase to 20052 workers during the year 2013-14 under, which works out to 52.89% & 50.61% for both the years respectively and utilized fixed capital worth Rs.3389 crore (40.94%) and Rs.2751 crore (34.67%) and thereby produced goods/services worth Rs.15701crore (42.90%) and Rs.11134 crore (32.95%) which accounted for increasing the level of income of the state in the form of net value added by Rs.5064 crore (47.77%) & Rs.1869 crore (24.46%) respectively of the total for both the years i.e. 2012-13 and 2013-14.

As against these the public sector factories either owned wholly or jointly by the Central, State or Local Governments were only 5 and 3 in numbers (0.84% and 0.49%) of the total factories during the year 2012-13 and 2013-14 respectively. These factories controlled Rs.26 crore and Rs.15 crore or (0.31%) and (0.19%) of the total fixed capital and engaged 427 or (1.14%) and 204 or (0.51%) of the total workforce respectively in the registered factories sector during 2012-13 and 2013-14 respectively. Their shares in the total gross output and net value added were Rs.171 crore and Rs.46 crore or (0.47) and (0.14%) and Rs.49 crore or (0.46%) and Rs.6 crore or (0.08%) of the respective total.

The third sector i.e. Joint sector covered 80 and 115 factories each, utilized fixed capital worth Rs.4839 crore and Rs.5166 crore, engaged 16849 and 19279 workers, manufacture products of the value of Rs.20614 crore and Rs.22603crore during both the years. The Net Value Added generated was of the order of Rs.5470 crore and Rs.5764 crore respectively during the year 2012-13 and 2013-14.

TABLE NO. 6.2
PERCENTAGE GROWTH IN PRINCIPAL CHARACTERISTICS BY
TYPE OF OWNERSHIP DURING 2013-14 OVER 2012-13

Type of Ownership	Factories	Fixed Capital	Workers	Output	Net Value Added
1	2	3	4	5	6
1. Wholly Central Govt.	0.0	-12.6	-19.4	-92.3	-99.0
2. Wholly State Govt.	-66.7	-0.7	-59.8	-48.6	-61.2
3. Central & State/local Govt.	0.0	0.0	-6.1	-4.7	6.0
4. Public Sector (1+2+3)	-40.0	-42.30	-52.2	-72.9	-87.8
5. Joint Sector (Public)	-2.1	-47.4	-47.2	-44.8	-38.8
6. Joint Sector (Private)	112.5	118.8	213.5	82.6	107.1
7. Joint Sector (5+6)	43.8	6.8	14.4	9.6	5.4
8. Wholly Private	2.4	-18.8	1.5	-29.1	-63.1
9. Others	-41.1	-88.5	-73.6	114.6	-92.5
Total	3.5	-4.2	6.1	-63.4	-27.9

Growth: As compared to 2012-13, the number of factories in the wholly private sector during 2013-14 has increased by 11 i.e. 2.4% but declined in the fixed capital by (-18.8%). It also registered a increased of 1.5% in Number of workers, produced goods and services with a negative growth of (-29.1%), thereby generating net value added which was lower by (-63.1%) over 2013-14. Under Joint Sector, the number of factories increased by 35 i.e.(43.8%) while there was an increase of 6.8% in the fixed capital, the number of Workers shows marginal increase of 14.4%, Gross output 9.6% and net value added 5.4% over the year 2013-14. Similarly, under Public Sector, all categories have shown a negative growth.

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	
	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Wholly Central Govt.	18.07	17.92	83.29	0.92	2.39	1.31	0.22	19.42	0.08	0.93	0.38	0.05	0.05	8.11
2. Wholly State Govt.	2.64	2.28	1.67	1.61	1.78	2.62	1.58	1.42	0.22	0.14	0.14	0.10	1.26	1.83
3. Central & State/ local Govt.	7.02	5.98	3.88	4.61	3.42	4.16	1.81	1.30	1.28	0.96	0.71	0.74	1.37	1.33
4. Public Sector (1+2+3)	4.00	4.86	7.36	1.98	1.96	2.67	0.54	2.46	0.16	0.32	0.29	0.13	0.34	2.03
5. Joint Sector (Public)	18.96	16.95	22.16	23.04	1.81	2.96	0.86	0.74	0.28	0.26	0.32	0.36	0.14	0.22
6. Joint Sector (Private)	31.4	21.58	33.00	21.46	2.30	1.60	0.95	1.01	0.18	0.21	0.19	0.21	0.11	0.13
7. Joint Sector (5+6)	21.77	19.78	24.61	22.07	1.92	2.08	0.88	0.90	0.23	0.23	0.27	0.25	0.13	0.17
8. Wholly Private	10.43	9.12	15.59	6.19	1.15	1.36	0.67	1.47	0.22	0.25	0.32	0.17	0.15	0.38
9. Other (Incl NR)	5.36	2.92	3.57	1.34	1.28	1.01	1.50	2.18	0.22	0.35	0.15	0.16	0.58	0.82
Total	14.83	14.00	18.99	13.48	1.51	1.72	0.78	1.04	0.23	0.23	0.29	0.23	0.14	0.22

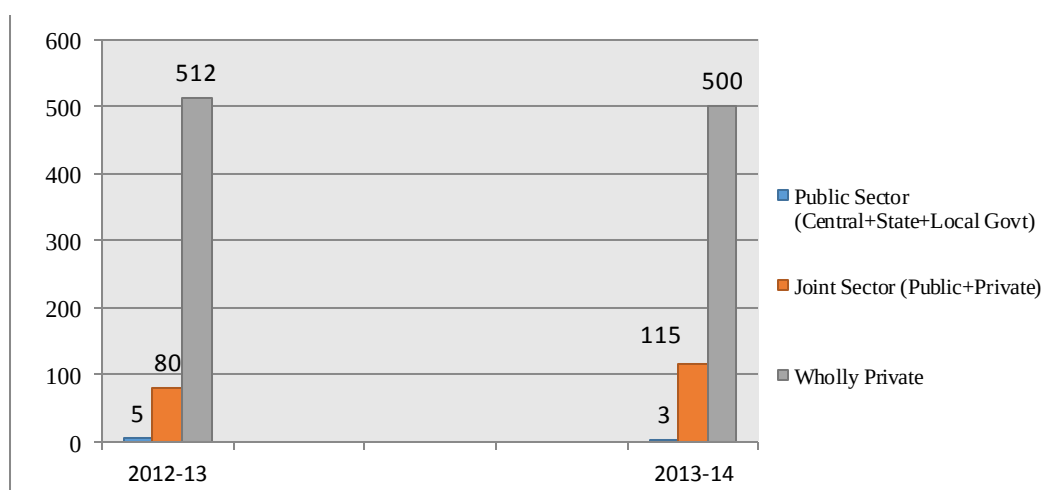
Structural ratios and technical coefficients: Certain structural ratios and technical coefficients for each type of ownership are given in table 6.3. On an average, each person engaged in wholly private sector generated an income in the form of net value added which was worth Rs.15.59 lakh and 6.19 lakhs, it utilized fixed capital worth Rs.10.43lakhs and 9.12lakhs respectively during the year 2012-13 & 2013-14. The remuneration paid to each worker in this profit oriented sector was Rs.1.15 lakh & 1.36 lakh during 2012-13& 2013-14.

The net value added for each rupee of gross output produced in public sector has decreased from Rs.0.29 lakh in 2012-13 to 0.13 lakh in year 2013-14. Each rupee of gross output produced came from utilization of fixed capital has decreased from Rs. 0.28 lakh to 0.26 lakh during 2012-13 and 2013-14 in Public Sector and it remains constant at 0.23 lakh among the entire sector during respective years, 2012-13 & 2013-14. Similarly, Net value added come from utilization of fixed capital has increased from Rs. 0.54 lakh to Rs.2.46 lakh during 2012-13 and 2013-14. Among all the sectors, it was Rs.0.78 lakh and Rs.1.04 lakh for the years 2012-13 & 2013-14.

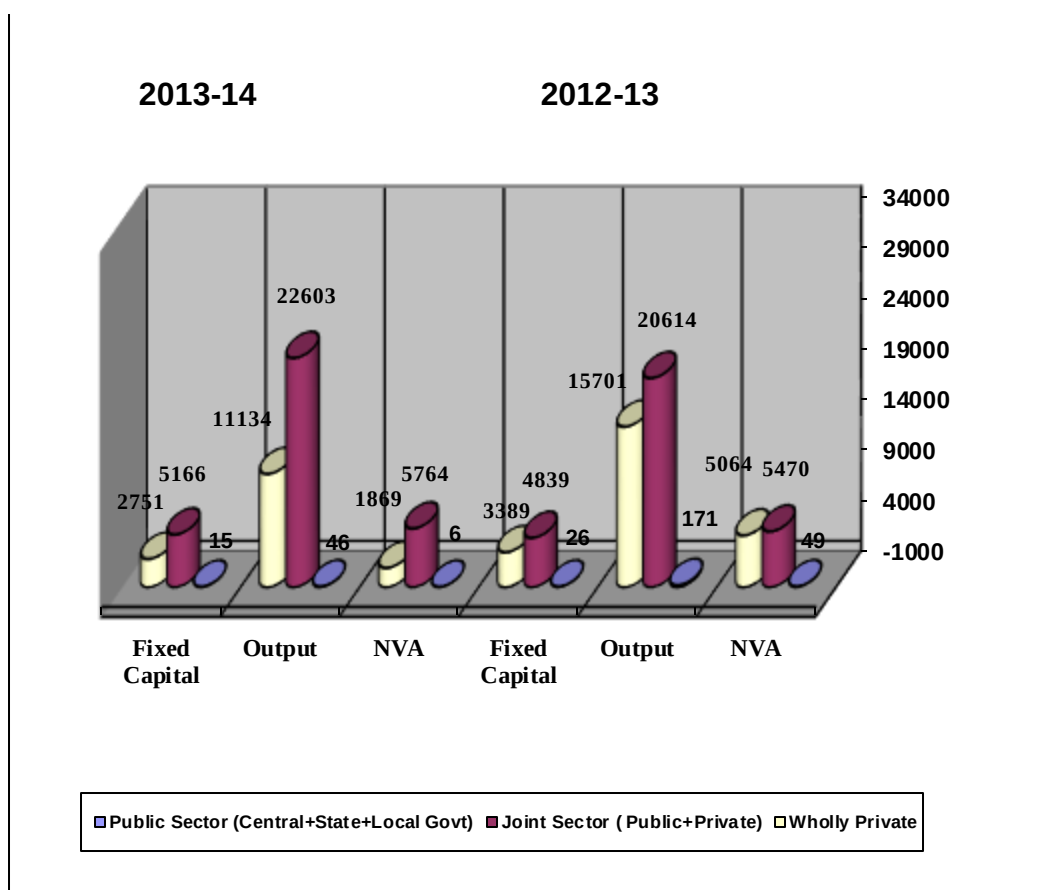
Among all the sectors, the average emoluments paid to a person engaged in production activity in relation to NVA generated has been increased from 0.14 lakh to 0.22 lakh for the year 2012-13 and 2013-14.

Principal Characteristics by Type of Ownership

(i) No. of Factories



(ii) **Comparison of important characteristics by Type of Ownership**



CHAPTER – VII

DISTRIBUTION OF FACTORIES BY TYPE OF ORGANISATION

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) Partnership, (iii) Public limited company, (iv) Private limited company, (v) Government Departmental Enterprise (excluding Khadi & Handloom) Khadi and village industry, (vi) Public corporation by special Act of Parliament, (vii) Co-operative Society and (viii) others (including N.R. etc.) The public limited company 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	
		2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11	12
1	Individual proprietorship	60	98	45	62	1069	2137	169	484	30	63
	(%)	(10.05)	(15.86)	(0.54)	(0.78)	(2.86)	(3.56)	(0.46)	(1.43)	(0.28)	(0.82)
3	Partnership	82	98	116	112.35	1522	2261	508	895	46	121
	(%)	(13.74)	(15.86)	(1.40)	(1.42)	(4.08)	(5.23)	(1.39)	(2.65)	(0.43)	(1.59)
4	Public Limited Company	83	113	4866	5154	17334	19135	20765	22480	5494	5752
	(%)	(13.90)	(18.28)	(58.78)	(64.96)	(46.42)	(54.45)	(56.74)	(66.53)	(51.83)	(95.29)
5	Private Limited Company	313	271	3212	2578	16995	15721	14915	9762	4977	1686
	(%)	(52.43)	(43.85)	(38.80)	(32.49)	(45.52)	(36.09)	(40.75)	(28.89)	(46.95)	(22.07)
6	Corporate Sector (4+5)	396	384	8078	7732	34329	34856	35680	32242	10471	7439
	(%)	(66.33)	(62.14)	(97.58)	(97.45)	(91.94)	(90.54)	(97.49)	(95.41)	(98.78)	(97.37)
7	Government Departmental Enterprise (excluding Khadi, Handloom)	1	2	3	10	33	60	3	10	2	2
	(%)	(0.17)	(0.32)	(0.04)	(0.12)	(0.09)	(0.15)	(0.01)	(0.03)	(0.02)	(0.03)
8	Public Corporation by Special Act of Parliament or State Legislature of PSU	1	0	8	0	36	0	98	0	37	0
	(%)	(0.17)	(0.00)	(0.10)	(0.00)	(0.10)	(0.00)	(0.27)	(0.00)	(0.35)	(0.00)
8	Co-operative Society	3	3	25	17	332	288	139	159	14	15
	(%)	(0.50)	(0.49)	(0.30)	(0.21)	(0.89)	(0.73)	(0.38)	(0.47)	(0.13)	(0.20)
9	Others (Incl NR)	54	33	3	1	17	16	1	1	0	0
	(%)	(9.05)	(5.34)	(0.04)	(0.02)	(0.05)	(0.04)	(0.00)	(0.00)	(0.00)	(0.00)
Total		597	618	8278	7934	37338	39618	36597	33792	10600	7640
(%)		(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)

(Figures in bracket indicates percentage)

The corporate sector accounted for 396 and 384 factories or 66.33% and 62.14% of the total number of factories and held fixed capital amounting to Rs.8078 crore and Rs.7732 crore comprising 97.58% and 97.45% of the total fixed capital and employed 34329 and 34856 workers i.e. 91.93% & 90.54% of the total during the years considered. The contribution of this sector to the value of output was of the order of 97.49% & 97.41% during the year 2012-2013 and 2013-14 respectively, while net value added was Rs.10471 crore and Rs. 7439 crore of the total.

Under the corporate sector-the number of factories classified under Private limited company/ organizations were 52.43% and 43.85% of the total during the year 2012-13&2013-14 respectively. They utilized 38.80% and 32.49% of the fixed capital, their contribution to the value of output and NVA was 40.75% and 46.95% during 2012-13 and 28.89% & 22.07% during 2013-14 respectively. Employment was 45.52% & 36.09% of the total workers to carry out the production activity during the year 2012-13 & 2013-14.

Table No. 7.2
PERCENTAGE GROWTH IN PRINCIPAL CHARACTERISTICS BY
TYPE OF ORGANISATION DURING 2013-14 OVER 2012-13

Type of Organisation	Factories	Fixed Capital	Workers	Output	Net Value Added
1	2	3	4	5	6
1. Individual Proprietorship	63.33	38.07	99.91	186.41	108.60
2. Partnership	19.51	-3.15	48.55	76.27	163.26
3. Public limited company	36.14	5.92	10.39	8.26	4.70
4. Private limited company	-13.42	-19.75	-7.50	-34.55	-66.12
5. Corporate Sector (3+4)	-3.03	-4.29	1.54	-9.64	-28.96
6. Government Departmental Enterprise (excluding Khadi, Handloom)	50.00	224.33	81.82	246.33	24.00
7. Public Corporation by Special Act of Parliament or State Legislature of PSU	-100	-100	-100	-100	-100
8. Cooperative society	0.00	-32.44	-13.25	14.09	6.86
9. Others(Incl NR)	-38.89	-51.33	-5.88	-7.00	0
Total	3.52	-4.15	6.11	-7.67	-27.93

Growth: It may be observed that the Individual Proprietorship has dominated the composition of factories & has increased by 63.33% in numbers of factories, 38.07% in Fixed capital, Gross output of 186.41%, Net value added of 108.60% and 99.91% in the numbers of workers during 2012-13 over 2013-14. Within the cooperate sector, public limited company in all the characteristics it has shown the growth in positive trend. In Government department enterprise, there was drastic increase in the characteristics considered during 2013-14 over 2012-13.

TABLE NO. 7.3
STRUCTURAL RATIOS AND TECHNICAL COEFFICIENTS BY TYPE OF ORGANISATION

Type of Organisation	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	
	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. Individual Proprietorship	3.16	2.33	2.11	2.34	0.79	0.73	1.5	0.99	0.26	0.13	0.18	0.13	0.54	0.49
2. Partnership	5.73	3.83	2.25	4.13	0.9	0.68	2.54	0.93	0.23	0.13	0.09	0.14	0.69	0.37
3. Public limited company	21.22	19.89	23.95	22.20	1.91	1.53	0.89	0.90	0.23	0.23	0.26	0.26	0.13	0.17
4. Private limited company	11.15	10.46	17.27	6.84	1.18	0.95	0.65	1.53	0.22	0.26	0.33	0.17	0.14	0.37
5. Corporate Sector (3+4)	15.61	15.29	20.24	14.71	1.55	1.25	0.77	1.04	0.23	0.24	0.29	0.23	0.14	0.21
6. Government Departmental Enterprise (excluding Khadi, Handloom)	7.02	11.45	3.88	2.92	3.42	1.96	1.81	3.92	1.28	0.94	0.71	0.24	1.37	2.31
7. Public Corporation by Special Act of Parliament or State Legislature of PSU	18.07	0.00	83.29	0.00	2.39	0.00	0.22	0.00	0.08	0.00	0.38	0.00	0.05	0.00
8. Cooperative society	4.85	4.02	2.58	3.56	2.31	1.84	1.88	1.13	0.18	0.11	0.1	0.09	0.96	0.97
9. Others	11.45	6.64	0	0.36	0.82	0.73	0	18.25	2.74	1.57	0	0.09	0	2.75
Total	14.83	14.00	18.93	13.48	1.51	1.20	0.78	1.04	0.23	0.23	0.29	0.23	0.14	0.22

Structural ratios and technical co-efficient: A comparison of various ratios and technical coefficients of factories classified by type of organization during 2012-13 and 2013-14 are given in table No.7.3. During 2012-13 and 2013-14, in the corporate sector, the fixed capital worth of Rs.15.61 lakhs and Rs.15.29 lakhs were utilized by each person engaged. Within the corporate sector, the public limited company utilized the fixed capital worth of Rs.21.22 lakhs and Rs.19.89 lakhs by each person engaged and utilization of fixed capital of Rs.11.15 lakhs and Rs.10.46 lakhs in the private limited company during 2012-13 and 2013-14 respectively. Wages paid per worker during 2013-14 was Rs.0.95 lakh was considerably low compare to the year 2012-13 of Rs.1.18 lakh in Private Limited Company. Average emoluments paid in relation to generation of NVA of each rupee have increased to Rs.0.37 lakh in 2013-14 compare to the year 2012-13 of Rs.0.14 lakh.

Annual Survey of Industries, 2013-14
Annexure: 1.0 Selected Characteristic by Major Industries (Industry Code Numbers)

(Value in Rs. lakh, others in numbers)

Characteristics	All	102	104	105	107	110	139	170	181	201
1. Number Of Factories	618	8	3	3	33	39	8	33	18	12
2. Factories In Operation	577	8	2	3	33	36	5	25	18	12
3. Fixed Capital	793409	4967	392	4514	93805	14992	12139	6644	11844	33009
4. Physical Working Capital	526213	1141	173	1420	11076	17912	5187	1932	2090	56687
5. Working Capital	348753	3163	191	904	9750	19890	4215	-227	2809	16137
6. Invested Capital	1319622	6108	565	5934	104883	32904	17326	8576	13934	89695
7. Gross Value Of Addition To Fixed Capital	138687	609	114	60	12818	1880	3920	810	1678	7301
8. Rent Paid For Fixed Assets	7850	11	0	0	203	87	0	25	291	2541
9. Outstanding Loan	453209	1752	36	188	8278	18131	48	2644	10138	6579
10. Interest Paid	45034	197	0	51	1159	675	0	522	1002	16529
11. Rent Received For Fixed Assets	1087	120	0	0	216	133	0	71	0	8
12. Interest Received	8352	62	0	54	142	26	0	22	368	1667
13. Gross Value Of Plant & Machinery	863724	2068	197	2988	95124	18798	18632	5578	12162	46718
14. Value Of Product And By-Product	3011500	43524	314	14014	193386	34283	82849	22794	25997	327568
15. Total Output	3379150	44600	322	14633	194655	42702	86063	23175	31779	509586
16. Fuels Consumed	133488	746	10	306	6475	1378	1019	494	720	38790
17. Materials Consumed	1932100	39753	191	10609	90370	20614	51403	16987	19936	243859
18. Total Inputs	2539663	42099	234	11868	103835	30408	58499	18983	23068	506862
19. Gross Value Added	839487	2501	88	2765	90820	12294	27564	4192	8711	2724
20. Depreciation	75499	620	34	618	8211	2355	1990	71	1467	2361
21. Net Value Added	763987	1881	54	2147	82610	9939	25574	3421	7244	363
22. Net Fixed Capital Formation	16496	-110	79	-558	-2938	-741	1414	-34	-269	4450
23. Gross Fixed Capital Formation	91995	511	113	60	5273	1614	3404	737	1198	6811
24. Addition in Stock of	47313	308	-19	345	-5	1459	99	385	-32	-2086
(a) Materials, Fuels etc.	39667	430	-18	311	97	428	-640	380	-15	-15029
(b) Semi Finished Goods	11198	0	0	0	-423	1073	89	-33	-25	358
(c) Finished Goods	-3552	-122	-1	34	321	-42	650	38	8	12585
25. Gross Capital Formation	139308	819	93	404	5265	3074	3503	1122	1165	4725
26. Income	720542	1855	54	2150	81606	9336	25574	2967	6319	-17032
27. Profit	528844	654	17	1107	73432	5548	24138	758	1522	-27419

Annual Survey of Industries, 2013-14
Annexure: 1.0 Selected Characteristics by Major Industries (Industry Code Numbers)

(Value in Rs. lakh, Others in numbers)

Characteristics	202	210	221	222	239	241	242	243	251	259
1. Number Of Factories	30	58	8	57	29	42	12	3	11	25
2. Factories In Operation	24	48	8	56	27	42	12	3	11	25
3. Fixed Capital	69239	142735	14612	40309	2967	83194	4507	1206	10600	6097
4. Physical Working Capital	43316	102430	13322	12919	1429	57070	5499	1529	3644	3058
5. Working Capital	19975	131943	-213	46035	1641	-106477	9158	6771	53	7705
6. Invested Capital	112555	245165	27934	53228	4396	140264	10006	2736	14244	9156
7. Gross Value Of Addition To Fixed Capital	9708	44459	4107	7575	140	1319	1435	210	1803	1263
8. Rent Paid For Fixed Assets	193	536	2	400	33	34	2	9	55	60
9. Outstanding Loan	1802	11218	36	211639	559	18031	23	3957	1745	3281
10. Interest Paid	1505	2085	10	1099	100	5572	36	60	1488	220
11. Rent Received For Fixed Assets	277	65	6	47	22	0	0	0	0	0
12. Interest Received	410	418	0	203	28	226	138	14	63	7
13. Gross Value Of Plant & Machinery	67442	138997	30512	54673	2980	96098	4955	2491	10346	4615
14. Value Of Product And By-Product	342680	507832	228055	106406	14646	242011	91690	9350	8954	19950
15. Total Output	355911	558346	228327	108441	15192	246327	92181	10467	10206	20895
16. Fuels Consumed	16744	14192	9751	3951	866	23204	935	697	254	498
17. Materials Consumed	203435	209939	117232	63309	8511	214076	76235	6170	6160	10921
18. Total Inputs	247274	271130	131482	77696	10803	250600	78305	8252	7515	13963
19. Gross Value Added	108637	287216	96845	30745	4389	-4273	13876	2215	2691	6932
20. Depreciation	5529	13414	1977	4535	417	6127	353	205	1210	1208
21. Net Value Added	103108	273803	94868	26210	3972	-10400	13523	2010	1481	5724
22. Net Fixed Capital Formation	2608	9062	78	127	-279	-4897	678	-3	291	53
23. Gross Fixed Capital Formation	8137	22477	2056	4661	138	1229	1030	202	1501	1261
24. Addition in Stock of	3078	9158	1768	2272	-149	-16968	2619	226	178	887
(a) Materials, Fuels etc.	4062	8723	396	1617	-19	-3037	440	71	-278	841
(b) Semi Finished Goods	2490	-976	1180	795	58	8	2985	135	-237	54
(c) Finished Goods	-3474	1411	192	-140	-188	-13939	-806	20	693	-8
25. Gross Capital Formation	11213	31634	3823	6934	-11	-15739	3649	429	1679	2148
26. Income	102096	271665	94863	24962	3889	-15781	13623	1955	1	5451
27. Profit	91692	213291	87356	19463	2810	-21749	12790	835	-1778	3042

Annual Survey of Industries, 2013-14
Annexure: 1.0 Selected Characteristic by Major Industries (Industry Code Numbers)

(Value in Rs. lakh, Others in numbers)

Characteristics	261	262	263	265	271	272	273	275	279	281
1. Number Of Factories	9	6	3	11	14	3	6	9	7	11
2. Factories In Operation	8	6	3	11	14	3	6	9	7	11
3. Fixed Capital	6416	6061	7785	2337	5621	570	21365	16557	737	6371
4. Physical Working Capital	5380	28010	9843	6311	6291	344	12656	9213	1387	4405
5. Working Capital	5384	15076	25309	3140	-316	618	17223	1803	2506	1599
6. Invested Capital	11796	34071	17628	8648	11912	914	34021	25770	2122	10776
7. Gross Value Of Addition To Fixed Capital	3131	381	1598	724	852	49	8941	5235	56	235
8. Rent Paid For Fixed Assets	433	203	145	142	81	0	251	208	17	69
9. Outstanding Loan	1188	1469	11997	515	1704	561	1704	9504	1313	1779
10. Interest Paid	197	1	1741	1188	775	73	212	805	98	608
11. Rent Received For Fixed Assets	0	33	1	0	3	0	2	16	0	0
12. Interest Received	16	622	349	35	128	18	39	19	4	28
13. Gross Value Of Plant & Machinery	7091	3511	5526	1687	5175	726	33695	16283	600	1677
14. Value Of Product And By-Product	35161	25701	65328	23411	57564	1517	88228	81198	5506	16651
15. Total Output	36177	38094	70520	23813	58411	1590	92065	89164	5727	18615
16. Fuels Consumed	288	192	788	117	237	43	1254	673	105	91
17. Materials Consumed	32382	19795	49853	14682	42823	1149	68868	61977	4414	11463
18. Total Inputs	34166	34537	60073	18704	46458	1381	75686	72309	5281	14670
19. Gross Value Added	2011	3557	10447	5109	11953	209	16379	16855	446	3945
20. Depreciation	940	643	1046	279	599	88	1872	1287	116	427
21. Net Value Added	1071	2914	9401	4829	11355	121	14507	15569	330	3518
22. Net Fixed Capital Formation	2110	-272	384	80	-269	-39	5500	2897	-74	-207
23. Gross Fixed Capital Formation	3050	371	1430	360	330	49	7372	4184	42	220
24. Addition in Stock of	1419	20437	231	1320	-447	-52	3617	808	576	293
(a) Materials, Fuels etc.	1604	20728	-262	1200	-987	-34	23749	139	319	123
(b) Semi Finished Goods	350	5	171	124	450	-27	590	49	9	208
(c) Finished Goods	-535	-296	322	-4	90	9	678	620	248	-38
25. Gross Capital Formation	4469	20808	1660	1679	-116	-3	10990	4992	619	513
26. Income	456	3365	7895	3534	10629	67	14085	14591	219	2868
27. Profit	-1681	-1067	3620	-536	7401	-59	10511	9551	-176	1167

Annual Survey of Industries, 2013-14
Annexure: 1.0 Selected Characteristic by Major Industries (Industry Code Numbers)

(Value in Rs. lakh, Others in numbers)

Characteristics	282	292	293	301	310	325	329	331	Other
1. Number Of Factories	9	8	6	10	9	5	6	5	50
2. Factories In Operation	9	8	6	10	9	5	6	3	47
3. Fixed Capital	12546	4760	1433	42504	411	11856	12908	7182	68218
4. Physical Working Capital	11965	2803	200	21677	142	8381	7400	1510	46462
5. Working Capital	4076	9749	-1274	24220	604	4670	19460	1128	10353
6. Invested Capital	24511	7564	1633	64181	552	20237	20307	8691	114679
7. Gross Value Of Addition To Fixed Capital	2258	715	659	1967	49	1760	4396	389	4086
8. Rent Paid For Fixed Assets	217	12	28	40	19	313	448	416	323
9. Outstanding Loan	1308	447	22	11635	13	384	794	102517	4267
10. Interest Paid	1059	123	56	780	4	1670	308	774	2253
11. Rent Received For Fixed Assets	1	22	0	4	0	0	0	0	39
12. Interest Received	85	759	11	575	0	26	389	560	841
13. Gross Value Of Plant & Machinery	8486	4740	1471	11489	54	12755	13928	18803	10652
14. Value Of Product And By-Product	29219	26995	4186	13780	1282	22666	41408	418	153981
15. Total Output	38039	27168	4561	20741	1494	23385	47011	4394	184373
16. Fuels Consumed	346	335	56	515	20	596	1288	276	5237
17. Materials Consumed	23354	19039	2833	6401	943	8032	23985	584	129814
18. Total Inputs	32254	21503	3327	11228	1126	10545	32356	2829	168357
19. Gross Value Added	5785	5665	1234	9513	368	12840	14655	1565	16016
20. Depreciation	1835	408	113	3531	39	930	1111	1326	5506
21. Net Value Added	3950	5256	1121	5982	329	11910	13544	239	10511
22. Net Fixed Capital Formation	-411	257	545	-2600	9	618	2944	-938	-3049
23. Gross Fixed Capital Formation	1424	665	659	931	49	1548	4055	387	2459
24. Addition in Stock of	1072	558	-198	1066	7	697	869	735	10782
(a) Materials, Fuels etc.	42	345	-152	-254	15	617	1918	735	12463
(b) Semi Finished Goods	-138	221	-42	1384	0	250	-11	0	75
(c) Finished Goods	1168	-8	-4	-64	-8	-170	-1038	0	-1756
25. Gross Capital Formation	2496	1222	461	1997	56	2246	4925	1123	13240
26. Income	2760	5903	1048	5740	306	9953	13177	-391	8813
27. Profit	-2088	1891	-421	2634	91	6188	6248	-1786	-156

Annual Survey of Industries, 2013-14
Annexure 1.1 - Principal Characteristics by Major Economic Activities

Sl. No	Principal Characteristics	Unit	Manufacturing		Others		All	
			2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
1	2	3	4	5	6	7	8	9
1	Factories	Number	548	568	49	50	597	618
2	Fixed Capital	Rs. in crore	7749	7252	529	682	8278	7934
3	Invested Capital	Rs. in crore	12710	12049	685	1147	13395	13196
4	Workers	Number	34761	37474	2577	2144	37338	39618
5	Total persons engaged	Number	52308	53691	3523	2993	55831	56684
6	Wages to workers	Rs. in crore	538	648	26	31	564	680
7	Total Emoluments	Rs. in crore	1431	1602	65	76	1496	1678
8	Total Input	Rs. in crore	24252	23713	1020	1684	25272	25397
9	Gross Output	Rs. in crore	35397	31948	1200	1844	36597	33792
10	Depreciation	Rs. in crore	682	700	43	55	725	755
11	Net Value Added	Rs. in crore	10463	7535	137	105	10600	7640
12	Net Income	Rs. in crore	10089	7117	109	88	10198	7205

Annual Survey of Industries, 2013-14
Annexure 1.2 - Principal Characteristics by Major Economic Activities
(Percentage distribution)

Sl. No.	Principal Characteristics	Unit	Manufacturing		Others		All	
			2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
	1	2	3	4	5	6	7	8
1	Factories	Number	91.79	91.91	8.21	8.09	100	100
2	Fixed Capital	Rs. in crore	93.61	91.40	6.39	8.60	100	100
3	Invested Capital	Rs. in crore	94.89	91.31	5.11	8.69	100	100
4	Workers	Number	93.10	94.59	6.90	5.41	100	100
5	Total persons engaged	Number	93.69	94.72	6.31	5.28	100	100
6	Wages to workers	Rs. in crore	95.39	95.41	4.61	4.59	100	100
7	Total Emoluments	Rs. in crore	95.66	95.48	4.34	4.52	100	100
8	Total Input	Rs. in crore	95.66	93.37	4.04	6.63	100	100
9	Gross Output	Rs. in crore	96.72	94.54	3.28	5.46	100	100
10	Depreciation	Rs. in crore	94.07	92.71	5.93	7.29	100	100
11	Net Value Added	Rs. in crore	98.70	98.62	1.30	1.38	100	100
12	Net Income	Rs. in crore	98.93	98.78	1.07	1.22	100	100

Annual Survey of Industries, 2013-14
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	396	98001	70582	170797	5240	7654	5542	13394	249800	268693	9195	9694	518	7332
2	50 --- 99	76	62717	120570	97745	3498	5364	5059	14185	245991	302163	5632	50541	708	3118
3	100 -- 199	74	113848	207209	206001	7687	10179	12551	28291	272075	401199	12209	116915	750	5491
4	200 -- 499	43	142465	234490	262144	8399	10869	19976	47869	438481	627859	17368	172010	1756	7058
5	500 -- 999	17	211507	280011	322099	6327	9990	11059	32406	539526	773261	16754	216981	918	2041
6	1000 - 1999	11	159284	197664	246374	6765	10192	12231	27824	740901	943821	13359	189562	3055	18281
7	2000& above	1	5587	31636	14462	1702	2436	1549	3785	52889	62154	982	8284	145	1713
Total		618	793409	1142162	1319622	39618	56684	67967	167754	2539663	3379150	75499	763987	7850	45034

Annual Survey of Industries, 2013-14
Annexure 2.2 - Principal Characteristics by Size of Employment
(Percentage Distribution)

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	64.08	12.35	6.18	12.94	13.23	13.50	8.15	7.98	9.84	7.95	12.18	1.27	6.60	16.28
2	50 --- 99	12.30	7.90	10.56	7.41	8.83	9.46	7.44	8.46	9.69	8.94	7.46	6.62	9.02	6.92
3	100 -- 199	11.97	14.35	18.14	15.61	19.40	17.96	18.47	16.86	10.71	11.87	16.17	15.30	9.55	12.19
4	200 -- 499	6.96	17.96	20.53	19.87	21.20	19.17	29.39	28.54	17.27	18.58	23.00	22.51	22.37	15.67
5	500 -- 999	2.75	26.66	24.52	24.41	15.97	17.62	16.27	19.32	21.24	22.88	22.19	28.40	11.69	4.53
6	1000 – 1999	1.78	20.08	17.31	18.67	17.08	17.98	18.00	16.59	29.17	27.93	17.69	24.81	38.92	40.59
7	2000 & above	0.16	0.70	2.77	1.10	4.30	4.30	2.28	2.26	2.08	1.84	1.30	1.08	1.85	3.80
Total		100	100	100	100	100	100	100	100	100	100	100	100	100	100

Annual Survey of Industries, 2013-14

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	12.80	1.27	1.06	10.11	0.36	0.04	1.38
2	50 --- 99	11.69	9.42	1.45	1.24	0.21	0.17	0.28
3	100 -- 199	11.18	11.49	1.63	0.97	0.28	0.29	0.24
4	200 -- 499	13.11	15.83	2.38	0.83	0.23	0.27	0.28
5	500 -- 999	21.17	21.72	1.75	0.97	0.27	0.28	0.15
6	1000 - 1999	15.63	18.60	1.81	0.84	0.17	0.20	0.15
7	2000& above	2.29	3.40	0.91	0.67	0.09	0.13	0.46
	Total	14.00	13.48	1.72	1.04	0.23	0.23	0.22

Annual Survey of Industries, 2013-14
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 1.0	233	18690	37151	33088	4630	5967	4519	8309	105809	127579	2666	19106	436	2146
2	1.0—2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2 -- 5	3	133	406	255	53	67	84	136	689	952	22	242	10	18
4	5 -- 10	2	76	113	209	14	26	17	34	517	569	8	44	1	6
5	10 -- 20	13	1095	1853	2826	144	313	212	591	6475	7496	96	924	26	77
6	20 -- 50	44	10062	29972	15933	562	812	837	2403	30479	34805	1222	3104	83	187
7	50 -- 100	28	6199	11807	9889	731	1014	1002	2401	27481	32115	590	4043	65	154
8	100 -- 200	39	8354	9827	14075	1069	1716	1424	3590	33366	40961	709	6886	268	852
9	200 -- 500	95	65086	113358	109325	4124	5952	4882	14147	127799	165658	5640	32218	521	3915
10	500 -- 1000	35	25707	-15228	72522	1911	2897	3030	8437	139940	140691	3458	-2707	156	1439
11	1000 - 2000	57	62985	130039	131908	6644	9684	12036	27544	243958	349456	5801	99697	647	5427
12	2000 - 5000	27	74567	207643	144620	5728	7972	8288	19579	308716	407310	8944	89650	1120	6357
13	5000 - 10000	16	95269	163684	142444	3029	4767	11260	33821	183077	289612	8500	98035	839	2785
14	10000 & above	26	425186	451537	642528	10979	15497	20376	46762	1331357	1781946	37843	412745	3678	21671
Total		618	793409	1142162	1319622	39618	56684	67967	167754	2539663	3379150	75499	763987	7850	45034

Annual Survey of Industries 2013-14
Annexure 3.2 - Principal Characteristics by Size of Capital
(Percentage Distribution)

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 1.0	37.70	2.36	3.25	2.51	11.69	10.53	6.65	4.95	4.17	3.78	3.53	2.50	5.55	4.77
2	1.0--2.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	2.5 -- 5	0.49	0.02	0.04	0.02	0.13	0.12	0.12	0.08	0.03	0.03	0.03	0.03	0.13	0.04
4	5 -- 10	0.32	0.01	0.01	0.02	0.04	0.05	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01
5	10 -- 20	2.10	0.14	0.16	0.21	0.36	0.55	0.31	0.35	0.25	0.22	0.13	0.12	0.33	0.17
6	20 -- 50	7.12	1.27	2.62	1.21	1.42	1.43	1.23	1.43	1.20	1.03	1.62	0.41	1.06	0.42
7	50 -- 100	4.53	0.78	1.03	0.75	1.85	1.79	1.47	1.43	1.08	0.95	0.78	0.53	0.83	0.34
8	100 -- 200	6.31	1.05	0.86	1.07	2.70	3.03	2.10	2.14	1.31	1.21	0.94	0.90	3.41	1.89
9	200 -- 500	15.37	8.20	9.92	8.28	10.41	10.50	7.18	8.43	5.03	4.90	7.47	4.22	6.64	8.69
10	500 -- 1000	5.66	3.24	-1.33	5.50	4.82	5.11	4.46	5.03	5.51	4.16	4.58	-0.35	1.99	3.20
11	1000 -- 2000	9.22	7.94	11.39	10.00	16.77	17.08	17.71	16.42	9.61	10.34	7.68	13.05	8.24	12.05
12	2000 -- 5000	4.37	9.40	18.18	10.96	14.46	14.06	12.19	11.67	12.16	12.05	11.85	11.73	14.27	14.12
13	5000 -- 10000	2.59	12.01	14.33	10.79	7.65	8.41	16.57	20.16	7.21	8.57	11.26	12.83	10.69	6.18
14	10000 & above	4.21	53.59	39.53	48.69	27.71	27.34	29.98	27.88	52.42	52.73	50.12	54.03	46.85	48.12
Total		100	100	100	100	100	100	100	100	100	100	100	100	100	100

Annual Survey of Industries 2013-14
Annexure 3.3 - Structural Ratios and Technical Co-efficient by Size of Capital

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	Upto 1.0	3.13	3.20	0.98	0.98	0.15	0.15	0.43
2	Upto 2.5	-	-	-	-	-	-	-
3	2.5 -- 5	1.99	3.61	1.58	0.55	0.14	0.25	0.56
4	5 -- 10	2.92	1.69	1.21	1.73	0.13	0.08	0.77
5	10 -- 20	3.50	2.95	1.47	1.19	0.15	0.12	0.64
6	20 -- 50	12.39	3.82	1.49	3.24	0.29	0.09	0.77
7	50 -- 100	6.11	3.99	1.37	1.53	0.19	0.13	0.59
8	100 -- 200	4.87	4.01	1.33	1.21	0.20	0.17	0.52
9	200 -- 500	10.94	5.41	1.18	2.02	0.39	0.19	0.44
10	500 -- 1000	8.87	-0.93	1.59	-9.50	0.18	-0.02	-3.12
11	1000 - 2000	6.50	10.30	1.81	0.63	0.18	0.29	0.28
12	2000 - 5000	9.35	11.25	1.45	0.83	0.18	0.22	0.22
13	5000 - 10000	19.99	20.57	3.72	0.97	0.33	0.34	0.34
14	10000 & above	27.44	26.63	1.86	1.03	0.24	0.23	0.11
Total		14.00	13.48	1.72	1.04	0.23	0.23	0.22

Annual Survey of Industries 2013-14
Annexure 4.1 - Principal Characteristics by Type of Ownership

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

Sl. No	Type of Ownership	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	699	1258	1258	29	39	38	292	602	752	114	36	0	0
2	Wholly State/ local Govt.	1	495	2292	3219	144	217	377	638	3200	3597	48	349	1	241
3	Central & State/ local Govt.	1	275	56	278	31	46	129	281	42	286	32	212	0	0
4	Public Sector (1+2+3)	3	1469	3606	4755	204	302	544	1211	3844	4635	194	597	1	241
5	Joint Sector (Public)	47	171588	302774	258568	6794	10124	20132	51548	402540	651125	15373	23321 ₂	968	3048
6	Joint Sector (Private)	68	345001	352840	525566	12485	15987	19938	44525	1236462	1609185	29566	34315 ₇	4235	22942
7	Joint Sector (5+6)	115	516589	655614	784134	19279	26111	40070	96073	1639002	2260310	44939	57636₉	5203	25990
8	Wholly Private	467	275074	482493	530408	20052	30176	27269	70366	896253	1113413	30265	18689 ₄	2643	18802
9	Other (Incl NR)	33	277	449	325	83	95	84	104	564	792	101	127	3	1
Total		618	793409	1142162	1319622	39618	56684	67967	167754	2539663	3379150	75499	76398₇	7850	45034

Annual Survey of Industries 2013-14
Annexure 4.2 - Principal Characteristics by Type of Ownership
(Percentage Distribution)

Sl. No	Type of Ownership	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.	0.16	0.09	0.11	0.10	0.07	0.07	0.06	0.17	0.02	0.02	0.15	0.00	0	0
2	Wholly State/ local Govt.	0.16	0.06	0.20	0.24	0.36	0.38	0.55	0.38	0.13	0.11	0.06	0.05	0.01	0.54
3	Central & State/ local Govt.	0.16	0.03	0.00	0.02	0.08	0.08	0.19	0.17	0.00	0.01	0.04	0.03	0.00	0.00
4	Public Sector (1+2+3)	0.49	0.19	0.32	0.36	0.51	0.53	0.80	0.72	0.15	0.14	0.26	0.08	0.01	0.54
5	Joint Sector (Public)	7.61	21.63	26.51	19.59	17.15	17.86	29.62	30.73	15.85	19.27	20.36	30.53	12.33	6.77
6	Joint Sector (Private)	11.00	43.48	30.89	39.83	31.51	28.20	29.33	26.54	48.69	47.62	39.16	44.92	53.95	50.94
7	Joint Sector (5+6)	18.61	65.11	57.40	59.42	48.66	46.06	58.96	57.27	64.54	66.89	59.52	75.44	66.28	57.71
8	Wholly Private	75.57	34.67	42.24	40.19	50.61	53.24	40.12	41.95	35.29	32.95	40.09	24.46	33.67	41.75
9	Other (Incl NR)	5.34	0.03	0.04	0.02	0.21	0.17	0.12	0.06	0.02	0.02	0.13	0.02	0.04	0.00
Total		100	100	100	100	100	100	100	100	100	100	100	100	100	100

Annual Survey of Industries 2013-14
Annexure 4.3 - Structural Ratios and Technical Co-efficient by Type of Ownership

Sl. No.	Type of Ownership	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.	17.92	0.92	0.81	19.42	0.93	0.05	8.11
2	Wholly State/local Govt.	2.28	1.61	2.62	1.42	0.14	0.10	1.83
3	Central & State/local Govt.	5.98	4.61	4.16	1.30	0.96	0.74	1.33
4	Public Sector (1+2+3)	4.86	1.98	2.67	2.46	0.32	0.13	2.03
5	Joint Sector (Public)	16.95	23.04	2.96	0.74	0.26	0.36	0.22
6	Joint Sector (Private)	21.58	21.46	1.60	1.01	0.21	0.21	0.13
7	Joint Sector (5+6)	19.78	22.07	2.08	0.90	0.23	0.25	0.17
8	Wholly Private	9.12	6.19	1.36	1.47	0.25	0.17	0.38
9	Other (Incl NR)	2.92	1.34	1.01	2.18	0.35	0.16	0.82
Total		14.00	13.48	1.72	1.04	0.23	0.23	0.22

Annual Survey of Industries 2013-14
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	98	6213	13897	11365	2137	2670	1941	3096	41214	48404	932	6258	71	754
2	Partnership	98	11235	24415	19723	2261	2931	1997	4445	75271	89546	2165	12110	327	1565
3	Public Limited Company	113	515394	653928	782297	19135	25908	39673	95257	1628076	2248047	44749	575222	5203	25954
4	Private Limited Company	271	257759	444491	499479	15721	24648	23399	62909	780266	976162	27250	168645	2247	16484
5	Corporate Sector (3+4)	384	773153	1098419	1281776	34856	50556	63072	158166	2408342	3224209	71999	743867	7450	42438
6	Government Departmental Enterprise (excluding Khadi, Handloom)	2	973	1314	1536	60	85	167	572	645	1039	146	248	0	0
7	Public Corporation by Special Act of Parliament or State Legislature of PSU	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Co-operative Society	3	1689	3977	5056	288	420	774	1453	14125	15859	238	1496	1	277
9	Others	33	146	140	166	16	22	16	22	66	93	19	8	1	0
Total		618	793409	1142162	1319622	39618	56684	67967	167754	2539663	3379150	75499	763987	7850	45034

Annual Survey of Industries 2013-14
Annexure 5.2 - Principal Characteristics by Type of Organisation
(Percentage Distribution)

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	15.86	0.78	1.21	0.86	5.39	4.71	2.86	1.85	1.62	1.43	1.23	0.82	0.91	1.67
2	Partnership	15.86	1.42	2.14	1.50	5.71	5.17	2.94	2.65	2.96	2.65	2.87	1.59	4.17	3.48
3	Public Limited Company	18.28	64.96	57.25	59.28	48.30	45.71	58.37	56.78	64.11	66.53	59.27	75.29	66.28	57.63
4	Private Limited Company	43.85	32.49	38.92	37.85	39.68	43.48	34.43	37.50	30.72	28.89	36.09	22.07	28.62	36.60
5	Corporate Sector (4+5)	62.13	97.45	96.17	97.13	87.98	89.19	92.80	94.28	94.83	95.41	95.36	97.37	94.90	94.24
6	Government Departmental Enterprise (excluding Khadi, Handloom)	0.32	0.12	0.12	0.12	0.15	0.15	0.24	0.34	0.03	0.03	0.19	0.03	0.00	0.00
7	Public Corporation by Special Act of Parliament or State Legislature of PSU	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Co-operative Society	0.49	0.21	0.35	0.38	0.73	0.74	1.14	0.87	0.56	0.47	0.32	0.20	0.01	0.62
9	Others	5.34	0.02	0.01	0.01	0.04	0.04	0.02	0.01	0.00	0.00	0.03	0.00	0.01	0.00
Total		100	100	100	100	100	100	100	100	100	100	100	100	100	100

Annual Survey of Industries 2013-14
Annexure 5.3 - Structural Ratios and Technical Co-efficient by Type of Organisation

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	2.33	2.34	0.91	0.99	0.13	0.13	0.49
2	Partnership	3.83	4.13	0.88	0.93	0.13	0.14	0.37
3	Public Limited Company	19.89	22.20	2.07	0.90	0.23	0.26	0.17
4	Private Limited Company	10.46	6.84	1.49	1.53	0.26	0.17	0.37
5	Corporate Sector (4+5)	15.29	14.71	1.81	1.04	0.24	0.23	0.21
6	Government Departmental Enterprise (excluding Khadi, Handloom)	11.45	2.92	2.78	3.92	0.94	0.24	2.31
7	Public Corporation by Special Act of Parliament or State Legislature of PSU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Co-operative Society	4.02	3.56	2.69	1.13	0.11	0.09	0.97
9	Others	6.64	0.36	1.00	18.25	1.57	0.09	2.75
Total		14.00	13.48	1.72	1.04	0.23	0.23	0.22

Annual Survey of Industries, 2013-14
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	Invested Capital	Productive Capital	Workers	Person Engaged	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added
1	2	3	5	4	6	7	8	9	10	11	12	13
21	58	142735	245165	274678	6605	11148	18419	52685	271130	558346	13414	273803
22	65	54921	81162	100743	3600	4753	6655	11255	209178	336768	6512	121078
20	43	102351	202483	168525	3836	5689	6770	16982	754365	865753	7897	103491
10	47	103679	117490	117687	4627	5461	4908	8957	158035	254210	9483	86692
27	39	44850	74740	66686	2834	3743	4476	11019	201114	246958	3961	41882
13	10	15474	22872	25908	558	659	852	1603	71601	102843	2127	29115
32	11	24763	40544	48893	2649	3976	3618	9774	42901	70396	2042	25454
26	31	22802	73484	72619	3458	5270	4726	13878	153357	175553	2960	19235
11	39	14992	32904	34882	1100	1475	1479	3344	30408	42702	2355	9939
28	20	18917	35287	24591	831	1535	1648	5720	46924	56654	2262	7468
18	18	11844	13934	14653	548	1143	1108	4124	23068	31779	1467	7244
25	36	16697	23399	24455	1485	1924	1630	3717	21478	31101	2418	7205
29	14	6193	9196	14668	1065	1390	2265	4558	24830	31729	522	6377
Others	38	35593	41695	55145	1220	1742	1360	2803	64877	73416	2409	6129
30	11	42867	64590	67265	846	1142	1488	2902	11317	20946	3562	6067
24	57	88908	153006	-1641	2131	2774	3103	6516	337157	348974	6685	5132
23	30	11444	14297	6927	565	792	889	2446	20360	26297	1706	4231
17	33	6644	8576	6417	976	1124	1151	1980	18983	23175	771	3421
31	9	411	552	1015	63	99	90	187	1126	1494	39	329
33	5	7182	8691	8310	280	374	536	1260	2829	4394	1326	239
19	4	20142	55555	9736	341	471	796	2044	74625	75662	1581	-544
Total	618	793409	1319622	1142162	39618	56684	67967	167754	2539663	3379150	75499	763987

Annual Survey of Industries 2013-14
Annexure 6.2 - Principal Characteristics for each Major Industry Group
(Arranged in descending order of Net Value Added)
(Percentage Distribution)

Ind. Code (2- digit)	Factories	Fixed Capital	Invested Capital	Productive Capital	Workers	Person Engaged	Wages to Workers	Total Emoluments	Total Input	Total Output	Depreciation	Net Value Added
1	2	3	5	4	6	7	8	9	10	11	12	13
21	9.39	17.99	18.58	24.05	16.67	19.67	27.10	31.41	10.68	16.52	17.77	35.84
22	10.52	6.92	6.15	8.82	9.09	8.39	9.79	6.71	8.24	9.97	8.63	15.85
20	6.96	12.90	15.34	14.75	9.68	10.04	9.96	10.12	29.70	25.62	10.46	13.55
10	7.61	13.07	8.90	10.30	11.68	9.63	7.22	5.34	6.22	7.52	12.56	11.35
27	6.31	5.65	5.66	5.84	7.15	6.60	6.59	6.57	7.92	7.31	5.25	5.48
13	1.62	1.95	1.73	2.27	1.41	1.16	1.25	0.96	2.82	3.04	2.82	3.81
32	1.78	3.12	3.07	4.28	6.69	7.01	5.32	5.83	1.69	2.08	2.70	3.33
26	5.02	2.87	5.57	6.36	8.73	9.30	6.95	8.27	6.04	5.20	3.92	2.52
11	6.31	1.89	2.49	3.05	2.78	2.60	2.18	1.99	1.20	1.26	3.12	1.30
28	3.24	2.38	2.67	2.15	2.10	2.71	2.42	3.41	1.85	1.68	3.00	0.98
18	2.91	1.49	1.06	1.28	1.38	2.02	1.63	2.46	0.91	0.94	1.94	0.95
25	5.83	2.10	1.77	2.14	3.75	3.39	2.40	2.22	0.85	0.92	3.20	0.94
29	2.27	0.78	0.70	1.28	2.69	2.45	3.33	2.72	0.98	0.94	0.69	0.83
Others	6.15	4.49	3.16	4.83	3.08	3.07	2.00	1.67	2.55	2.17	3.19	0.80
30	1.78	5.40	4.89	5.89	2.14	2.01	2.19	1.73	0.45	0.62	4.72	0.79
24	9.22	11.21	11.59	-0.14	5.38	4.89	4.57	3.88	13.28	10.33	8.85	0.67
23	4.85	1.44	1.08	0.61	1.43	1.40	1.31	1.46	0.80	0.78	2.26	0.55
17	5.34	0.84	0.65	0.56	2.46	1.98	1.69	1.18	0.75	0.69	1.02	0.45
31	1.46	0.05	0.04	0.09	0.16	0.17	0.13	0.11	0.04	0.04	0.05	0.04
33	0.81	0.91	0.66	0.73	0.71	0.66	0.79	0.75	0.11	0.13	1.76	0.03
19	0.65	2.54	4.21	0.85	0.86	0.83	1.17	1.22	2.94	2.24	2.09	-0.07
Total	100	100	100	100	100	100	100	100	100	100	100	100

Annual Survey of Industries 2013-14
Annexure 7 - Important Indicators of Industries in Goa State
Over the Years 1964-65 to 1974-75

Sr. No.	Characteristics	Unit	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1973-74	1974-75
1	Number of factories	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

(b) Financial Year - 1978-79 onwards

2) SURVEY JURISDICTION:

(a) Union Territory of Goa, Daman & Diu - 1964 to 1984-85

(b) Goa - 1985-86 onwards

No survey conducted during 1972.

* Employees other than Workers

Annual Survey of Industries 2013-14
Annexure 7 - Important Indicators of Industries in Goa State
Over the Years 1975-76 to 1984-85

Sr.no.	Characteristics	Unit	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
1	Number of factories	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

NOTE:

- 1) SURVEY PERIOD:
 - (a) Calendar Year - 1964 to 1977
 - (b) Financial Year - 1978-79 onwards
- 2) SURVEY JURISDICTION:
 - (a) Union Territory of Goa, Daman & Diu - 1964 to 1984-85
 - (b) Goa - 1985-86 onwards

No survey conducted during 1972.

* Employees other than Workers

Annual Survey of Industries 2013-14
Annexure 7 - Important Indicators of Industries in Goa State
Over the Years 1985-86 to 1994-95

Sr.no.	Characteristics	Unit	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95
1	Number of factories	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

NOTE:

- | | |
|-------------------------|--|
| 1) SURVEY PERIOD: | (a) Calendar Year - 1964 to 1977
(b) Financial Year - 1978-79 onwards |
| 2) SURVEY JURISDICTION: | (a) Union Territory of Goa, Daman & Diu - 1964 to 1984-85
(b) Goa - 1985-86 onwards
No survey conducted during 1972.
* Employees other than Workers |

Annual Survey of Industries 2013-14
Annexure 7 - Important Indicators of Industries in Goa State
Over the Years 1995-96 to 2004-2005

Sr.no.	Characteristics	Unit	1995-96	1996-97	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05
1	Number of factories	Number	270	295	297	423	477	524	506	542	549	518
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

NOTE:

- | | |
|-------------------------|--|
| 1) SURVEY PERIOD: | (a) Calendar Year - 1964 to 1977
(b) Financial Year - 1978-79 onwards |
| 2) SURVEY JURISDICTION: | (a) Union Territory of Goa, Daman & Diu - 1964 to 1984-85
(b) Goa - 1985-86 onwards
No survey conducted during 1972.
* Employees other than Workers |

Annual Survey of Industries 2013-14
Annexure 7 - Important Indicators of Industries in Goa State
Over the Years 2005-2006 to 2013-14

Sr. no.	Characteristics	Unit	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Number of factories	Number	544	514	522	519	520	583	586	597	618
2	Fixed capital	Rs. Crore	3921.37	4095.97	4500.19	5264.96	6564.22	6221.09	8606.27	8278.36	7934.09
3	Working capital	Rs. Crore	2113.07	2775.8	3451.33	2384.03	7918.73	5141.55	3539.03	1778.73	3487.53
4	Invested capital	Rs. Crore	6153.88	6676.39	7575.97	9493.45	13211.99	11724.26	15007.79	13394.74	13196.22
5	Outstanding loans	Rs. Crore	2306.37	1937.43	2123.39	1419.67	2263.95	4138.82	1656.42	2313.96	4532.09
6	No. of workers	Number	29908	31976	37617	40545	38891	36076	44710	37338	39618
7	Man days workers	Lakh	NA	NA	NA	NA	NA	NA	NA	NA	NA
8	No. of employees	Number	38954	9551*	13156*	12550*	12754*	17024*	21261*	18492*	16970*
9	Man days employees	Lakh	123.52	130.78	160.18	164.97	169.80	170.56	207.43	167.30	176.51
10	Total persons engaged	Number	39046	41620	50847	53107	51697	53152	65974	55831	56684
11	Wages to workers	Rs. Crore	241.03	273.73	330.52	365.31	493.09	561.51	633.71	563.90	67967
12	Total emoluments	Rs. Crore	559.69	643.44	785.66	913.24	1082.95	1264.85	1463.70	1496.16	1677.54
13	Provident & other fund	Rs. Crore	98.7	116.89	125.05	142.24	190.92	217.07	236.50	227.98	239.45
14	Workmen welfare expenses	Rs. Crore	NA	NA	NA	NA	NA	NA	NA	NA	NA
15	Fuel consumed	Rs. Crore	787.35	899.29	982.93	1404.14	872.90	1236.93	1373.12	1377.62	1334.88
16	Materials consumed	Rs. Crore	9154.27	12118.35	11415.08	15866.91	18014.86	18796.24	21394.61	18574.17	19321.00
17	Total inputs	Rs. Crore	11747.27	14845.7	14552.95	22098.06	23225.19	25939.58	29436.98	25272.35	25396.63
18	Products and by products	Rs. Crore	13774.52	17293.04	16925.66	23157.03	26486.76	27059.30	36112.11	31013.97	30115.00
19	Gross output	Rs. Crore	15421.14	18832.91	18872.57	27525.79	29434.95	32494.09	42101.82	36596.59	33791.50
20	Depreciation	Rs. Crore	378.62	374.7	414.35	526.09	569.38	726.99	882.65	724.68	754.99
21	Net value added	Rs. Crore	3295.25	3612.51	3905.27	4901.64	5640.38	582752	11782.19	10599.57	7639.87

NOTE:

- | | |
|-------------------------|--|
| 1) SURVEY PERIOD: | (a) Calendar Year - 1964 to 1977
(b) Financial Year - 1978-79 onwards |
| 2) SURVEY JURISDICTION: | (a) Union Territory of Goa, Daman & Diu - 1964 to 1984-85
(b) Goa - 1985-86 onwards
No survey conducted during 1972.
* Employees other than Workers |

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
016	0163	Post-harvest crop activities
	0164	Seed processing for propagation
089	0893	Extraction of salt
101	1010	Processing and preserving of meat
102	1020	Processing and preserving of fish, crustaceans and molluscs and products thereof
103	1030	Processing and preserving of fruit and vegetables
104	1040	Manufacture of vegetable and animal oils and fats
105	1050	Manufacture of dairy products
106		Manufacture of grain mill products, starches and starch products
	1061	Manufacture of grain mill products
	1062	Manufacture of starches and starch products
107		Manufacture of other food products
	1071	Manufacture of bakery products
	1072	Manufacture of sugar
	1073	Manufacture of cocoa, chocolate and sugar confectionery
	1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products
	1075	Manufacture of prepared meals and dishes
	1079	Manufacture of other food products n.e.c.
108	1080	Manufacture of prepared animal feeds
110		Manufacture of beverages
	1101	Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials
	1102	Manufacture of wines
	1103	Manufacture of malt liquors and malt
	1104	Manufacture of soft drinks; production of mineral waters and other bottled waters

Description along with 3/4-digit NIC-2008 codes

<i>3-digit NIC-2008</i>	<i>4-digit NIC-2008</i>	<i>Description</i>
120	1200	Manufacture of tobacco products
131		Spinning, weaving and finishing of textiles
	1311	Preparation and spinning of textile fibres
	1312	Weaving of textiles
	1313	Finishing of textiles
139		Manufacture of other textiles
	1391	Manufacture of knitted and crocheted fabrics
	1392	Manufacture of made-up textile articles, except apparel
	1393	Manufacture of carpets and rugs
	1394	Manufacture of cordage, rope, twine and netting
	1399	Manufacture of other textiles n.e.c.
141	1410	Manufacture of wearing apparel, except fur apparel
142	1420	Manufacture of articles of fur
143	1430	Manufacture of knitted and crocheted apparel
151		Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
	1511	Tanning and dressing of leather; dressing and dyeing of fur
	1512	Manufacture of luggage, handbags and the like, saddlery and harness
152	1520	Manufacture of footwear
161	1610	Saw milling and planing of wood
162		Manufacture of products of wood, cork, straw and plaiting materials
	1621	Manufacture of veneer sheets; manufacture of plywood, lamin board, particle board and other panels and board
	1622	Manufacture of builders' carpentry and joinery
	1623	Manufacture of wooden containers
	1629	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
170		Manufacture of paper and paper products
	1701	Manufacture of pulp, paper and paperboard
	1702	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
	1709	Manufacture of other articles of paper and paperboard
181		Printing and service activities related to printing
	1811	Printing
	1812	Service activities related to printing
182	1820	Reproduction of recorded media
191	1910	Manufacture of coke oven products
192	1920	Manufacture of refined petroleum products
201		Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
	2011	Manufacture of basic chemicals
	2012	Manufacture of fertilizers and nitrogen compounds
	2013	Manufacture of plastics and synthetic rubber in primary forms
202		Manufacture of other chemical products
	2021	Manufacture of pesticides and other agrochemical products
	2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
	2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
	2029	Manufacture of other chemical products n.e.c.
203	2030	Manufacture of man-made fibres
210	2100	Manufacture of pharmaceuticals, medicinal chemical and botanical products
221		Manufacture of rubber products
	2211	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
	2219	Manufacture of other rubber products

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
222	2220	Manufacture of plastics products
231	2310	Manufacture of glass and glass products
239		Manufacture of non-metallic mineral products n.e.c.
	2391	Manufacture of refractory products
	2392	Manufacture of clay building materials
	2393	Manufacture of other porcelain and ceramic products
	2394	Manufacture of cement, lime and plaster
	2395	Manufacture of articles of concrete, cement and plaster
	2396	Cutting, shaping and finishing of stone
	2399	Manufacture of other non-metallic mineral products n.e.c.
241	2410	Manufacture of basic iron and steel
242	2420	Manufacture of basic precious and other non-ferrous metals
243		Casting of metals
	2431	Casting of iron and steel
	2432	Casting of non-ferrous metals
251		Manufacture of structural metal products, tanks, reservoirs and steam generators
	2511	Manufacture of structural metal products
	2512	Manufacture of tanks, reservoirs and containers of metal
	2513	Manufacture of steam generators, except central heating hot water boilers
252	2520	Manufacture of weapons and ammunition
259		Manufacture of other fabricated metal products; metalworking service activities
	2591	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
	2592	Machining; treatment and coating of metals
	2593	Manufacture of cutlery, hand tools and general hardware

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
	2599	Manufacture of other fabricated metal products n.e.c.
261	2610	Manufacture of electronic components
262	2620	Manufacture of computers and peripheral equipment
263	2630	Manufacture of communication equipment
264	2640	Manufacture of consumer electronics
265		Manufacture of measuring, testing, navigating and control equipment; watches and clocks
	2651	Manufacture of measuring, testing, navigating and control equipment
	2652	Manufacture of watches and clocks
266	2660	Manufacture of irradiation, electromedical and electrotherapeutic equipment
267	2670	Manufacture of optical instruments and equipment
268	2680	Manufacture of magnetic and optical media
271	2710	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
272	2720	Manufacture of batteries and accumulators
273		Manufacture of wiring and wiring devices
	2731	Manufacture of fibre optic cables for data transmission or live transmission of images
	2732	Manufacture of other electronic and electric wires and cables
	2733	Manufacture of wiring devices
274	2740	Manufacture of electric lighting equipment
275	2750	Manufacture of domestic appliances
279	2790	Manufacture of other electrical equipment
281		Manufacture of general purpose machinery
	2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
	2812	Manufacture of fluid power equipment
	2813	Manufacture of other pumps, compressors, taps

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
	2814	Manufacture of bearings, gears, gearing and driving elements
	2815	Manufacture of ovens, furnaces and furnace burners
	2816	Manufacture of lifting and handling equipment
	2817	Manufacture of office machinery and equipment
	2818	Manufacture of power-driven hand tools
	2819	Manufacture of other general-purpose machinery
282		Manufacture of special-purpose machinery
	2821	Manufacture of agricultural and forestry machinery
	2822	Manufacture of metal-forming machinery and machine tools
	2823	Manufacture of machinery for metallurgy
	2824	Manufacture of machinery for mining, quarrying and construction
	2825	Manufacture of machinery for food, beverage and tobacco processing
	2826	Manufacture of machinery for textile, apparel and leather production
	2829	Manufacture of other special-purpose machinery
291	2910	Manufacture of motor vehicles
292	2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
293	2930	Manufacture of parts and accessories for motor vehicles
301		Building of ships and boats
	3011	Building of ships and floating structures
	3012	Building of pleasure and sporting boats
302	3020	Manufacture of railway locomotives and rolling stock
303	3030	Manufacture of air and spacecraft and related machinery
304	3040	Manufacture of weapons and ammunition
309		Manufacture of transport equipment n.e.c.

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
	3091	Manufacture of motorcycles
	3092	Manufacture of bicycles and invalid carriages
	3099	Manufacture of other transport equipment n.e.c.
310	3100	Manufacture of furniture
321		Manufacture of jewellery, bijouterie and related articles
	3211	Manufacture of jewellery and related articles
	3212	Manufacture of imitation jewellery and related articles
322	3220	Manufacture of musical instruments
323	3230	Manufacture of sports goods
324	3240	Manufacture of games and toys
325	3250	Manufacture of medical and dental instruments and supplies
329	3290	Other manufacturing n.e.c.
331		Repair of fabricated metal products, machinery and equipment
	3311	Repair of fabricated metal products
	3312	Repair of machinery
	3313	Repair of electronic and optical equipment
	3314	Repair of electrical equipment
	3315	Repair of transport equipment, except motor vehicles
	3319	Repair of other equipment
332	3320	Installation of industrial machinery and equipment
351	3510	Electric power generation, transmission and distribution
352	3520	Manufacture of gas; distribution of gaseous fuels through mains
353	3530	Steam and air conditioning supply
360	3600	Water collection, treatment and supply

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
370	3700	Sewerage
381		Waste collection
	3811	Collection of non-hazardous waste
	3812	Collection of hazardous waste
382		Waste treatment and disposal
3821		Treatment and disposal of non-hazardous waste
3822		Treatment and disposal of hazardous waste
383	3830	Materials recovery
452	4520	Maintenance and repair of motor vehicles
454	4540	Sale, maintenance and repair of motorcycles and related parts and Accessories
521	5210	Warehousing and storage
581		Publishing of books, periodicals and other publishing activities
	5811	Book publishing
	5812	Publishing of directories and mailing lists
	5813	Publishing of newspapers, journals and periodicals
	5819	Other publishing activities
591		Motion picture, video and television programme activities
	5911	Motion picture, video and television programmed production activities
	5912	Motion picture, video and television programmed post-production activities
	5913	Motion picture, video and television programme distribution activities
592	5920	Sound recording and music publishing activities
742	7420	Photographic activities
829		Business support service activities n.e.c.
	8292	Packaging activities

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	4-digit NIC-2008	Description
951		Repair of computers and communication equipment
	9511	Repair of computers and peripheral equipment
	9512	Repair of communication equipment
952		Repair of personal and household goods
	9521	Repair of consumer electronics
	9522	Repair of household appliances and home and garden equipment
	9523	Repair of footwear and leather goods
	9524	Repair of furniture and home furnishings
	9529	Repair of personal and household goods, n.e.c.
960		Other personal service activities
	9601	Washing and (dry-) cleaning of textile and fur products