



GOVERNMENT OF NCT OF DELHI



**DIRECTORATE OF ECONOMICS & STATISTICS
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**REPORT ON
ANNUAL SURVEY OF INDUSTRIES
2015-2016**

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PREFACE

The present report is on Annual Survey of Industries (ASI) 2015-2016 of the Govt. of NCT of Delhi, thirty fifth in the series, being issued by the Directorate of Economics & Statistics, based on statistical returns furnished by the factories registered under Sections 2 m (i) & 2 m (ii) of the Factories Act, 1948.

It is for the fifth time when DES, Delhi participated in the field work of ASI 2015-16 on residual sample units. The report has been prepared by pooling unit level data provided by CSO (IS Wing), Govt. of India, having Census & Sample sector units and unit level data of 362 residual sample units surveyed by this Directorate. District level estimates for important characteristics have also been presented in the report for the fifth time.

The report provides a comprehensive data on characteristics of the industrial activity. The report also contains important characteristics relating to capital structure, capital formation, employment pattern, input, output, value added by manufacture etc. It also highlights the distribution of principal characteristics by the employment size, capital size and type of ownership/organization and by size of capital. The report consists of two parts. The Part-I contains introduction, concepts and definitions and brief analysis of the industrial structure in the National Capital Territory, while Part-II is devoted to statistical tables.

The report has been prepared by Annual Survey of Industries Unit of the Directorate of Economics & Statistics under the guidance of Smt. Manjubala Sahoo, Joint Director, Sh. C.K.Dutta, Deputy Director and Sh. K.R.Chhibber, Assistant Director. The report has been prepared by Sh. Charan Jeet & Sh. Parveen Chawla, Statistical Officers, with the assistance of highly energetic staff of ASI branch, Sh. Rakesh Kumar, Sh. Shahid, Sh. Rupender, Ms. Poonam Bansal, Ms. Binni Choudhary, Sh. Sachin Kumar, Sh. Pardeep Kumar and Sh. Pardeep Kumar Yadav, Statistical Assistants.

Data processing and tabulation work has been done in the EDP unit by Ms. Nidhi Rajpal, System Analyst. The strenuous efforts made by the officers and staff of ASI unit and EDP unit of this Directorate are highly appreciated.

The valuable co-operation, extended by the CSO (IS Wing), Kolkata, Ministry of Statistics and Programme Implementation, Government of India by providing prerequisite data and guidance is highly acknowledged.

I hope the data published in this report will be useful to the Planners and Policy makers. Suggestions for improvement in the content of tables etc. in our future ASI reports are welcome.

Delhi
July, 2019

Ashok Kumar
Director

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CHAPTER – I
INTRODUCTION

The Annual Survey of Industries (ASI) is the principal source of industrial statistics in Delhi. It provides statistical information to assess and evaluate objectively and realistically the change in the growth, composition and structure of the organised manufacturing (Factory Sector), comprising activities associated with manufacturing processes, repair services, personal services, sanitary services, generation and transmission of electricity, gas, water supply and cold storages. Industrial sector occupies an important position in Delhi's economy and plays a pivotal role in the rapid and planned economic development.

Up to ASI 2010-11 the Annual Survey of Industries has so far been conducted annually under the statutory provisions of the collection of Statistical Act, 1953 and the rules framed there under in 1959. However, from ASI 2010-11 onwards, the survey is being conducted annually under the statutory provisions of the Collection of Statistics (COS) Act, 2008 and rules framed there-under in 2011. Upto ASI year 2010-11 the work of collection of Industrial Statistics from the organised industrial sector (Factory –Sector) has been entrusted to the Field Operations Division (FOD) of the National Sample Survey Organisation (NSSO), Government of India. Under the arrangement, provision has been made for the supply of unit level data of ASI by the CSO (IS Wing), Kolkata to the Directorate of Economics & Statistics for use of State Government.

It is for the fifth time when DES, Delhi participated in the field work of ASI 2015-16 on residual sample units. The report has been prepared by pooling unit level data provided by CSO (IS Wing), Govt. of India, having Census & Sample sector units and unit level data of 362 residual sample units surveyed by this Directorate.

COVERAGE

2. Coverage of the Annual Survey of Industries extends to the entire Factory Sector, comprising industrial units (called factories) registered under section 2(m)(i) and 2(m)(ii) of the Factories Act.1948, wherein a "Factory", which is the primary statistical unit of enumeration for the ASI is defined as:-

"Any premises" including the precincts 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, but does not include a mine subject to the operation of the Mines Act, 1952, or a railway running shed.

The "manufacturing process" referred to above has been defined under section 2(k) of the Factories Act, 1948 as:-

“Any process” for-

- (i) making, altering, ornamenting, finishing, packing, oiling, washing, cleaning, breaking up, demolishing or otherwise treating or adapting any article or substance with a view to its use, sale, transport, delivery or disposal; or
- (ii) Pumping oil, water or sewage; or
- (iii) Generating, transforming or transmitting power; or
- (iv) Composing types for printing by letter press, lithography, photogravure or other similar process or book binding; or
- (v) Constructing, reconstructing, repairing, refitting, finishing or breaking up ships or vessels;

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 and registered under the Bidi & Cigar Workers (Conditions of Employment) Act, 1966 are also covered in ASI.

Unit of Enumeration

The primary unit of enumeration in the survey is a factory in the case of manufacturing

industries, a workshop in the case of repair services, an undertaking or a licensee in the case of electricity, gas and water supply. The owner of two or more establishments located in the same state and pertaining to the same industry group and belonging to same scheme (census or sample) is, however, permitted to furnish a single consolidated return, termed as 'Joint Return'. Such consolidated returns are a common feature in the case of bidi and cigar establishments, electricity and certain public sector undertakings.

ASI Frame

The ASI frame is based on the lists of registered factories/units maintained by the Chief Inspector of Factories in each state and those maintained by registration authorities in respect of bidi and cigar establishments and electricity under-takings. The frame is being revised once in three years from 1989-90 but updated every year by the regional offices of the Field Operations Division of NSSO in consultation with the Chief Inspector of Factories 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. In 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 the factories in the frame have been classified into two sectors, viz., the census sector and the sample sector.

The Census Sector consists of the following categories:

- (i) Units having 50 or more workers and
- (ii) All factories covered under Joint return and contributing significantly in terms of GVA.
- (iii) After excluding the census sector units as defined above, all units belonging to the strata(state by 4-digit NIC-2008) having less than or equal to 4 units are also considered as census sector units.

The Sample sector: All industrial units of the entire ASI frame minus the Industrial units of the Census Sector will form the sample sector.

Since ASI 1999-2000, all electricity undertakings other than captive units have been kept outside

the purview of ASI. All departmental undertakings such as Railway workshop etc. have also been kept outside the preview of ASI.

Sampling Design and Sample Allocation

A new sampling design has been adopted for ASI 2013-14 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 (i) units having 100 or more employees (in case of Delhi, units having 50 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, **each stratum is formed on the basis of State x District x Sector x 4-digit NIC-2008**. The units 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 each of 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 entire census units *plus* all the units belonging to the two sub-samples given to State/UT are treated as the **State Sample**.

- (f) The entire census units *plus* all the units belonging to the two sub-samples given to NSSO (FOD) (Census & Sample) *plus* all the units belonging to the two sub-samples given to State/UT(State sample) are taken together to get the pooled estimates of state as a whole and its constituent districts.

4. Estimation Procedure

4.1 Notations:

i = subscript for i-th state.

s = subscript for s-th stratum in the i-th state.

m = subscript for sub-sample (m =1, 2,3,4) [m=1 and 3 for central and 2 and 4 for state].

k = subscript for k-th sample enterprise under a particular stratum.

E = total number of factory in the sample sector in a stratum.

e = number of factories surveyed out of total number of factory in the sample sector in a stratum.

x, y = observed value of characteristics x, y under estimation.

\hat{X}, \hat{Y} = estimate of population total X, Y for the characteristics x, y.

Under the above symbols,

Y_{ismk} = observed value of the characteristic y for the k-th enterprise belonging to the m-th sub-sample for the s-th stratum in the i-th state.

(a) Formulae for estimation of aggregates for a state based on central sample:

Estimation formula for any characteristics of the enterprise for the sample sector of the i-th state is:

$$\begin{aligned} {}^c\hat{Y}'_i &= \sum_{s=1} \left[\frac{E_{is}}{\sum_{m=1,3} e_{ism}} \left[\sum_{k=1}^{e_{is1}} y_{is1k} + \sum_{k=1}^{e_{is3}} y_{is3k} \right] \right] \\ &= \sum_{s=1} [\hat{Y}_{is1} + \hat{Y}_{is3}] \\ &= \sum_{s=1} \sum_{m=1,3} \hat{Y}_{ism} \quad \dots \dots \dots (1) \end{aligned}$$

Where superscript 'C' in ${}^c\hat{Y}'_i$ stands for central sample.

The formula for corresponding sub-sample wise estimates for **the sample sector** of the i-th

state is:

$${}^c\hat{Y}'_{im} = \sum_{s=1} \left[\frac{E_{is}}{e_{ism}} \sum_{k=1}^{e_{ism}} y_{ismk} \right], m=1,3. \dots\dots\dots(1.1)$$

If \hat{Y}''_i be the corresponding estimate for that characteristic of the enterprise for the census sector of the i-th state, then the estimate for that characteristic of the enterprise for the i-th state as a whole is given by:

$${}^c\hat{Y}_i = \hat{Y}'_i + \hat{Y}''_i \dots\dots\dots(2)$$

The estimate of the characteristic of the enterprise for all-India will be:

$${}^c\hat{Y} = \sum_i {}^c\hat{Y}_i \dots\dots\dots(3)$$

(b) Formulae for estimation of aggregates for a state based on state sample:

Estimation formula for any characteristics of the enterprise for the sample sector of the i-th state based on State sample is:

$$\begin{aligned} {}^s\hat{Y}'_i &= \sum_{s=1} \left[\frac{E_{is}}{\sum_{m=2,4} e_{ism}} \left[\sum_{k=1}^{e_{is2}} y_{is2k} + \sum_{k=1}^{e_{is4}} y_{is4k} \right] \right] \\ &= \sum_{s=1} [\hat{Y}_{is2} + \hat{Y}_{is4}] \\ &= \sum_{s=1} \sum_{m=2,4} \hat{Y}_{ism} \dots\dots\dots(4) \end{aligned}$$

Where superscript ‘S’ in ${}^s\hat{Y}'_i$ stands for central sample.

The formula for sub-sample wise estimates for the sample sector of the i-th state based on state sample is :

$${}^s\hat{Y}'_{im} = \sum_{s=1} \left[\frac{E_{is}}{e_{ism}} \sum_{k=1}^{e_{ism}} y_{ismk} \right], m=2,4. \dots\dots\dots(4.1)$$

Using \hat{Y}''_i as the corresponding estimate for that characteristic of the enterprise for the census sector of the i-th state, then the estimate for that characteristic of the enterprise for the i-th state as a whole based on the state sample is given by:

$${}^s\hat{Y}_i = \hat{Y}'_i + \hat{Y}''_i \dots\dots\dots(5)$$

(c) Formulae for estimation of aggregates for a state based on pooled sample:

Estimation formula for any characteristics of the enterprise for the sample sector of the i-th state based on pooled sample (i.e. central and state combined) is:

$${}^p\hat{Y}'_i = \sum_{s=1} \left[\frac{E_{is}}{\sum_{m=1}^4 e_{ism}} \left[\sum_{m=1}^4 \sum_{k=1}^{e_{ism}} y_{is\ mk} \right] \right] \dots\dots\dots(6)$$

Using \hat{Y}''_i as the corresponding estimate for that characteristic of the enterprise for the census sector of the i-th state, then the estimate for that characteristic of the enterprise for the i-th state as a whole based on the pooled sample is given by:

$${}^p\hat{Y}_i = \hat{Y}'_i + \hat{Y}''_i \dots\dots\dots(7)$$

4.2 Estimates of Error for Aggregate \hat{Y} : The variance is to be obtained for the sample sector units only. The estimated variances of the estimates at state level will be as follows:

$$V\hat{a}r(\hat{Y}_i) = \sum_s V\hat{a}r(\hat{Y}_{is}) \dots\dots\dots(8)$$

The sampling variance based on central Samples is :

$$V\hat{a}r(\hat{Y}_i) = \sum_s \left\{ \frac{(\hat{Y}_{is1} - \hat{Y}_{is3})}{2} \right\}^2 \dots\dots\dots(9.1)$$

The sampling variance based on state Samples is :

$$V\hat{a}r(\hat{Y}_i) = \sum_s \left\{ \frac{(\hat{Y}_{is2} - \hat{Y}_{is4})}{2} \right\}^2 \dots\dots\dots(9.2)$$

For generating estimates of variance for the pooled sample is:

$$V\hat{a}r(\hat{Y}_i) = \frac{1}{12} \sum_s \sum_{m=1}^4 (\hat{Y}_{ism} - \hat{Y}_{is})^2, \text{ Where } \hat{Y}_{is} = \frac{1}{4} \sum_{m=1}^4 \hat{Y}_{ism} \dots\dots(9.3)$$

For all-India, the estimated variances of the estimates will be as follows:

$$V\hat{a}r(\hat{Y}) = \sum_i V\hat{a}r(\hat{Y}_i) \dots\dots\dots(10)$$

4.3 Estimates of RSE:

$$R\hat{S}E(\hat{Y}) = \frac{\sqrt{v\hat{a}r(\hat{Y})}}{\hat{Y}} \times 100 \dots\dots\dots(11)$$

Multipliers for enterprises:

Formula for sub-sample wise multiplier	Formula for combined sample multiplier
$\frac{E_{is}}{e_{ism}}, m=1,2,3 \text{ or } 4$	$\frac{E_{is}}{e_{is}}, e_{is} = \sum_{m=1}^4 e_{ism}$

Reference Period

Reference period for ASI 2015-2016 was the accounting year of the factory, ending on any day during the financial year 2015-2016. Thus in ASI 2015-2016 data collected from respective establishment relate to their accounting year ended on any day between 1st April, 2015 and 31st March, 2016. Survey was conducted in the year March, 2017 to September, 2017.

Schedule of Enquiry

The schedule for ASI 2015-2016 is more or less similar to the ASI schedule 2014-2015, and it aims to collect data on assets and liabilities, employment and labour cost, receipts, expenses, input items - indigenous and imported, products and by-products, distributive expenses etc.

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 been introduced and followed till ASI 1997-98. NIC 1998 was then followed from ASI 1998-99 to ASI 2003-04, NIC - 2004 introduced from ASI 2004-05 was followed till ASI 2007-2008. New series of classification i.e. NIC-2008 has been introduced from ASI 2008-09. All the factories in the ASI frame are accordingly classified in their appropriate industry groups on the basis of the value of the principal product manufactured by them. 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 at two or three digit level in this report correspond to the NIC 2008.

LIMITATION

All the estimated value figures given in this publication are reported in current prices. The value figures are generally rounded off to lakhs of rupees. All figures are rounded off separately and thus, may not exactly tally with the sum of districts. Similarly, all-Industry figures may not tally with the sum of individual industry figures. Also the industry-wise totals at lower level may not tally with the next higher level due to necessary merging at different levels.

The Collection of Statistics Act prohibits disclosure of data relating to individual factories. Therefore, if the number of factories under any industry (2 digit & 3-digit level of NIC-2008) in the state is less than three, the data have been combined to a similar industry, or clubbed in a common industry others in order to conceal the identity of all such units belonging to the concerned stratum.

All the estimates, especially for quantity and value figures for any particular item consumed and produced, are subject to Statistical Error as these are estimated on the basis of a selected sample.

As per tabulation policy it has been decided to publish the detailed information corresponding to industry codes 10-33, 45, 52, 58, 95 and 96 following NIC-2008. For all other industry codes the units have been clubbed and shown under a common industry 'Other' in different tables.

CHAPTER - II

CONCEPTS AND DEFINITIONS

REGISTERED FACTORY is one which is registered under sections 2m (i) and 2m (ii) of the Factories Act, 1948. The Sections 2m (i) and 2m (ii) refer to any premises including the precincts thereof (a) 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 (b) 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.

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 a normal productive life of more than one year. Fixed capital includes land including leasehold land, buildings, plant and machinery, furniture and fixtures, transport equipment, water system and roadways and other fixed assets such as hospitals, schools etc. used for benefit of factory personnel.

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

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

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

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

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

WORKERS are defined to include all persons employed directly or through any agency whether for wages or not and engaged in any manufacturing process or in cleaning any part of the machinery or premises used for manufacturing process or in any other kind of work incidental to or connected with the manufacturing process or the subject of the manufacturing process. Labour engaged, in the repair and maintenance or production of fixed assets for factory's own use or labour employed for generating electricity or producing coal, gas etc. are included.

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

MAN-HOURS represent the total number of hours worked and the number of hours paid for, during the accounting year. It is obtained by summing-up the number of persons of specified categories attending in each shift-hour over all the shifts worked on all days.

WAGES AND SALARIES are defined to include all remuneration in monetary terms and also payable more or less regularly in each pay period to workers as compensation for work done during the accounting year. It includes (a) direct wages and salary (i.e., basic wages/salaries, payment of overtime, dearness, compensatory, house rent and other allowances) ; (b) remuneration for the period not worked (i.e., basic wages, salaries and allowances payable for leave period, paid holiday, lay off payments and compensation for unemployment, if not paid from sources other than employers) ; (c) bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses, good attendance bonuses, productive bonuses, profit sharing bonuses, festival or year-end bonuses etc.). It excludes lay off payments, which are made (1) from trust or other special funds set up exclusively for this purpose i.e. payment not made by the employer. It also excludes imputed value of benefits. (2) In kind, Employer's

contribution to old age benefits and other Group benefits. Travelling and other expenditure incurred for business purposes and reimbursed by the employer are excluded. The wages are expressed in terms of gross value i.e., before deduction for fines, damages, taxes, provident fund, employee's state insurance contribution etc.

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

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

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

TOTAL INPUT comprises total value of fuels, materials consumed as well as expenditure such as cost of contract and commission work done by others on materials supplied by the factory, cost of materials consumed for repair and maintenance of factory's fixed assets including cost of repairs and maintenance work done by others to the factory's fixed assets, inward freight and transport charges, rate and taxes (excluding income tax), postage, telephone and telex expenses, insurance charges, banking charges, cost of printing and stationery and purchase value of goods sold in the same condition as purchased.

EX-FACTORY VALUE of all products and by-products manufactured is attained at the rate of net sale-value which is obtained by deducting sale-tax, excise duties and other distributive expenses from actual sale value (inclusive of subsidies etc.) with respect to each of the items.

TOTAL OUTPUT comprises total ex-factory value of products and by-products manufactured as well as other receipts such as receipts from non-industrial services rendered to others, work done for others on material supplied by them, value of electricity produced and sold, sale value of goods sold in the same condition as purchased, addition in stock of semi-finished goods and own construction.

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

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

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

CHAPTER-III

GENERAL REVIEW OF INDUSTRIAL ACTIVITY IN 2015-2016

This chapter highlights the main findings of the survey which inter-alia covers the main sectors of economic activities namely, Manufacturing and Repairing and other service activities. Findings of the survey are based on pooled data of Central Sample and State Sample.

Some of the estimates for principal characteristics for all industries taken together for the year 2015-2016 with comparative figures available for the year 2014-2015, have been depicted in Table-1 below:

TABLE 1: IMPORTANT CHARACTERISTICS OF THE ORGANISED INDUSTRIAL (FACTORY) SECTOR DURING ASI 2014-15 AND 2015-2016

S. No.	Characteristics	Unit	2014-15	2015-2016	% (+)Increase or Decrease (-) Over the year
1	Factories in Operation	Number	2928	2852	-2.60
2	Fixed Capital	₹ in lakh	653224	692238	5.97
3	Working Capital	₹ in lakh	1139056	912636	-19.88
4	Productive Capital	₹ in lakh	1792280	1604874	-10.46
5	Invested Capital	₹ in lakh	1829731	1764197	-3.58
6	Outstanding Loans	₹ in lakh	1029429	573707	-44.27
7	Mandays worked (E)	Nos in lakh	355	343	-3.38
8	Workers	Nos.	76697	74747	-2.54
9	All Employees	Nos	118103	113782	-3.66
10	Wages to Workers	₹ in lakh	105096	110626	5.26
11	Total Emoluments	₹ in lakh	277825	279272	0.52
12	Total Input	₹ in lakh	5251780	5636611	7.33
13	Total Output	₹ in lakh	6124814	6516718	6.40
14	Gross Value added	₹ in lakh	873034	880106	0.81
15	Depreciation	₹ in lakh	71635	64691	-9.69
16	Factor payments (Rent paid +Interest Paid)	₹ in lakh	178123	188522	5.84
17	Net income	₹ in lakh	654121	651965	-0.33

CONCENTRATION OF FACTORIES

The summary results (Table II) revealed that during the reference period of ASI 2015-2016, the most of factories were engaged in Manufacture of Wearing apparel (11.48%) followed by Manufacturing of Fabricated Metals Products except Machinery (10.37%), manufacturing of 'Electrical equipment' (8.92%), Wholesale & Retail Trade & Repair of Motor Vehicles (8.80%), Printing & Reproduction of Recorded Media (8.53%), and manufacture of machinery and equipment (6.82%). These six industries together have constituted 54.91 percent of the total working factories, provided employment to 55.11 percent of the total employees and utilized 46.84 percent of fixed capital stock. Their share in the gross value of output and net value added by manufacture were 31.05 and 45.70 percent respectively.

During ASI 2015-16 there was a decrease of 2.60% in the number of working factories. However Fixed Capital, Total input, Total output and GVA increased by 5.97%, 7.33% , 6.40% and 0.81% simultaneously Factor payments and Total Emoluments increased during current year from previous year by 5.84% and 0.52% respectively . At the same time, outstanding loans have decreased by 44.27% during ASI 2015-16. The major decrease in Outstanding loans was observed in the industry groups, Manufacture of Coke and refined petroleum product (NIC-19) 85.59%, followed by Wholesale and Retail trade and Repair of Motor Vehicles and Motor Cycles (NIC-45) 77.29% , Manufacture of Pharmaceutical, Medicinal Chemical and Botanical products (NIC-21) 76.16%, and Mfg. Of food products (NIC-10) 68.35%.

DISTRIBUTION OF FACTORIES BY TYPE OF ORGANIZATION, OWNERSHIP & YEAR OF INITIAL PRODUCTION

In the following paragraphs, some of the characteristics of the factories covered in the survey, like, type of organization, ownership and the year of initial production have been discussed.

ORGANIZATION: The distribution of the factories covered according to the various types of organization is given in the table 2

TABLE 2: FACTORIES CLASSIFIED BY TYPE OF ORGANIZATION

S.No	Type of Ownership /Organization	Census	Sample	Total
1	Individual Proprietorship	242	673	915
		21.03%	39.53%	32.06%
2	Partnership	236	532	768
		20.50%	31.24%	26.93%
3	Limited Liability Partnership	19	11	30
		1.65%	0.62%	1.04%
4	Govt. Company- Public	0	0	0
		0.00%	0.00%	0.00%
5	Govt. Company- Private	11	21	32
		0.96%	1.20%	1.10%
6	Non Government Company- Public	56	15	71
		4.87%	0.89%	2.50%
7	Non Government Company- Private	583	440	1023
		50.65%	25.86%	35.86%
8	Co-operative Society	2	0	2
		0.17%	0.00%	0.07%
9	Others (Including Joint family (HUF), Trusts, Wakf Boards, Handlooms, KVIC etc.)	2	11	13
		0.17%	0.65%	0.46%
TOTAL		1151	1701	2852
		100.00%	100.00%	100.00%

The study of the table-2 reveals that:

- (i) Factories under the group 'Non-Government Company--Private' numbering 1,023 (35.86%) were the highest in the factory sector, followed by 'Individual proprietorship' 915 units (32.06%), Partnership 768 (26.93%).
- (ii) In the Census Sector, 'Non-Government Company-Private' 583 (50.65%), Individual Proprietorship 242 (21.03%), and Partnership 236 (20.50%) were the top three in respect of number of enterprises.
- (iii) The pattern in the Sample sector, however was slightly different i.e. Individual Proprietorship 673 (39.53%) occupied the top position, followed by Partnership 532 (31.24%) and 'Non-Government Company-Private' 440 (25.86%).

(b) Year of Initial Production

The distribution of factories classified according to their year of initial production has been presented in the table as follows:-

TABLE-3: FACTORIES CLASSIFIED ACCORDING TO THEIR YEAR OF INITIAL PRODUCTION

S. No.	Year	Census	Sample	Total
1	upto 1950	16	30	46
		1.39%	1.79%	1.63%
2	1951-1960	27	77	104
		2.35%	4.55%	3.66%
3	1961-1970	56	123	179
		4.87%	7.20%	6.26%
4	1971-1980	109	291	400
		9.47%	17.07	14.01%
5	1981-1990	192	341	533
		16.68%	20.04%	18.69%
6	1991-2000	254	320	574
		22.07%	18.78%	20.11%
7	2001-2010	370	429	799
		32.15%	25.22%	28.01%
8	2011 & onwards	127	91	218
		11.03%	5.34%	7.64%
Total		1151	1701	2852
		100.00%	100.00%	100.00%

it would be seen from the table 3 that:-

- (i) Out of total 2852 units covered, only 46 (1.63 %) has started their production before 1951. The survey result reveals a continuous upward trend in the numbers of factories
- (ii) according to their year of initial production. Maximum numbers of factories are returned in the period 2001-2010 as 799 (28.01%).
- (iii) In the Census Sector, the maximum numbers of 370 units (32.15%) were set up in the period 2001-10, while 254 units (22.07%) during 1991-2000.
- (iv) Similarly in Sample Sector the maximum numbers of 429 units (25.22%) were setup during the period 2001-2010 and 320 units (18.78%) during 1991-2000.

CAPITAL STRUCTURE

During the reference period 2015-2016, the fixed capital invested in the factories covered under the survey was estimated at ₹ 6922 crore, productive capital ₹ 16048 crore and invested capital ₹17641 crore. Fixed capital has increased by 5.97 percent and Invested capital and productive capital have decreased by 3.58% and 10.46% compared to those estimated during the corresponding period of 2014-15. From the investment angle, industries such as Mfg. of Wearing Apparel (14) , Mfg. of Food Products (10), Wholesale and retail trade, Repair of Motor vehicles and Motor cycles (45), Printing and Reproduction of Recorded media (18), and Mfg. Of textiles (13) were the most important ones. These industries among themselves shared 59.60 percent of fixed capital, 67.04 percent of invested capital and 61.35 percent of working capital deployed in all the industries taken together.

Table-4 given below depicts the relative share of the Census and Sample sector in the capital structure, as also certain important ratios, and derived ratios.

TABLE –4: CAPITAL STRUCTURE

S. No.	Sector	Unit (in Nos.)	Fixed Capital (Value in ₹ Crore)	Invested Capital (Value in ₹ Crore)	Productive Capital (Value in ₹ Crore)	Ratio of fixed capital		Invested Capital (per unit Value in ₹ Crore)	Productive Capital (per unit Value in ₹ Crore)
						Invested Capital	Productive Capital		
1	Census	1151	4950	14108	12498	0.35	0.4	12.26	10.86
		40.36%	71.51%	79.97%	77.88%				
2	Sample	1701	1972	3533	3550	0.56	0.56	2.08	2.09
		59.64%	28.49%	20.03%	22.12%				
Total		2852	6922	17641	16048	0.39	0.43	6.19	5.63

The study of the table reveals that:

The 1151 Census Sector Factories constituting 40.36 percent of factory sector deployed a major share of the capital resources of factory sector viz. ₹ 14108 crore or 80 percent of the total Invested Capital, ₹12498 crore or 78 percent of the total 'Productive Capital' and ₹4950 crore or 72 percent of the total 'Fixed Capital'.

The invested capital per unit' worked out to ₹12.26 crore in the Census sector and 2.08 crore in the Sample sector and ₹ 6.19 crore total in the factory sector as a whole. This indicates that

employment potential, with limited resources is more in the small size units than in the large size units.

Details of 'Invested', 'Productive' and 'Fixed Capital' their percentage distribution and certain important derived ratios at the Major Industry groups and Industry Groups at 2 digit level of National Industrial Classification (NIC-2008) have been shown in Table II given in Part II of the report.

Table –II, Shows That:-

- (i) Among the Industry Groups at 2 digit of NIC-08, two major contributors in the invested capital were Industry Group 10-Manufacturing of Food Products, Group 14 – Manufacture of wearing apparel, with contributions of ₹6572.87 crore (37.25%) and ₹2335.82 cr. (13.24%) respectively. Similarly, in the fixed capital in the factory sector were Groups 14- Manufacturing of wearing apparel, Group 10- Manufacturing of Food Products, with contributions of ₹ 1389.96cr. (20.07%) and ₹ 1215.12 cr. (17.55%).
- (ii) The lowest contribution on the other hand was that of Major Industry Group 96- Other personal service activities, contributing 0.02% in the invested capital and Major Industry Group-19Manufacture of coke and refined petroleum products, contributing 0.02% in the fixed capital in the factory sector.
- (iii) The Fixed capital to invested Capital ratio is worked out to 0.39 in the factory sector. The Ratio is the highest in major industry group Group52- Ware housing & support activities for transportation (1.00), closely followed by Group 58-Publishing activities (0.91).

Table – 5 below depicts the distribution of factories according to capital size (Gross value of plant and machinery) being adopted for classification of industrial units into small and large units, separately for the Census, Sample and factory sectors.

**TABLE 5: DISTRIBUTION OF FACTORIES ACCORDING TO CAPITAL SIZE
(GROSS VALUE OF PLANT AND MACHINERY)**

S.No	Capital size (Rs. In Lakhs)	Number of Factories Covered			
		Census	Sample	Total	Cumulative
1	less than 10.00	352	813	1165	1165
		30.58%	47.79%	40.85%	
2	10.00-25.00	85	119	204	1369
		7.38%	7.01%	7.16%	
3	25.00-50.00	88	132	220	1189
		7.65%	7.75%	7.71%	
4	50.00-75.00	58	97	155	1745
		5.04%	5.73%	5.45%	
5	75.00-100.00	20	87	107	1851
		1.74%	5.09%	3.74%	
6	100.00-200.00	87	94	181	2032
		7.56%	5.52%	6.34%	
7	200.00-250.00	31	60	91	2124
		2.69%	3.55%	3.20%	
8	250.00-350.00	58	39	97	2221
		5.04%	2.31%	3.41%	
9	350.00-500.00	51	37	88	2309
		4.43%	2.20%	3.10%	
10	500.00-750.00	64	44	108	2417
		5.56%	2.57%	3.78%	
11	750.00-1000.00	44	40	84	2501
		3.82%	2.35%	2.95%	
12	1000.00 &above	213	138	351	2852
		18.51%	8.12%	12.31%	
Total		1151	1701	2852	
		100.00%	100.00%	100.00%	

The perusal of table - 5 reveals that 1,851(64.90%) units have an investment of less than ₹1.00 crore in the Plant and Machinery while there were only 1,001 (35.10%) unit have an investment of over ₹1.00 crore in the Plant & Machinery.

EMPLOYMENT

The number of persons employed in the Factory Sector during 2015-2016 worked out to 1,13,782 out of these, 74,747(65.69%) were workers engaged exclusively in the production and/or repair services and the remaining 39035 (34.31%) were other employees including supervisory, managerial, clerical and auxiliary staff, working proprietors and unpaid family workers. As against this, the corresponding figures for the year 2014-2015 were 1,18,103 and 76,697 indicating an decrease of 3.66 percent and 2.54 percent respectively in the year 2015-2016.

The total number of 'mandays worked', by all employees during the year 2015-16 was about 343 lakh compared to 355 lakh during 2014-15 showing thereby decrease of 3.38 percent over previous year.

Table –6 below shows employment, mandays worked and certain important ratios derived there from separately for the Census, Sample and factory sectors.

TABLE 6: EMPLOYMENT STRUCTURE AND SOME IMPORTANT RATIOS

S. No.	Sector	Unit	Total Employees	Workers	Mandays Worked	Average employment per unit (in nos.)		Mandays per year per employee
		(No.)	(No.)	(No.)	(,000)	Employee	Workers	
1	Census	1151	82796	54189	25163	71.93	44.07	303.92
		40.36%	72.77%	72.50%	73.39%			
2	Sample	1701	30986	20558	9126	18.22	12.09	294.52
		59.64%	27.23%	27.50%	26.61%			
Total		2852	113782	74747	34289	39.9	26.21	301.36

The perusal of table 6 reveals that:-

- (i) Out of the 74,747 workers in the factory sector 54,189 workers (72.50%) were engaged in the Census sector while the remaining 20,558 workers (27.50%) were employed in Sample sector.
- (ii) Per unit employment of workers in the Census sector was 44 compared to 12 in the Sample sector and 26 in the factory sector. The corresponding averages in the case of all employees worked out to 72, 18 and 40 for Census, Sample and factory sectors respectively.

- (iii) The respective share of Census and Sample sector factories in the total mandays worked in the factory sector was 73.39 percent and 26.61 percent respectively.
- (iv) Mandays worked per employees per year in the Census sector was 304 as compared to 295 in the Sample sector and 301 in the factory sector as a whole.

The table-7 depicts the distribution of factories covered according to the employment size of workers in Census, Sample and factory sectors as revealed by ASI 2015-2016.

TABLE 7: DISTRIBUTION OF FACTORIES ACCORDING TO SIZE OF EMPLOYMENT (WORKERS)

Sl. No	Size of Employment (Workers)	Factories Covered			Cumulative Total
		Census	Sample	Total	
1	0-4	67	54	121	121
		5.82%	3.17%	4.24%	
2	5-9	99	55	154	275
		8.60%	3.21%	5.39%	
3	10-19	180	174	354	629
		15.64%	10.25%	12.43%	
4	20-49	233	566	799	1428
		20.24%	33.28%	28.02%	
5	50-99	236	499	735	2163
		20.50%	29.34%	25.77%	
6	100-199	147	243	390	2553
		12.77%	14.29%	13.67%	
7	200-299	76	75	151	2704
		6.60%	4.43%	5.31%	
8	300-399	38	26	64	2768
		3.30%	1.50%	2.23%	
9	400-499	11	9	20	2788
		0.96%	0.55%	0.71%	
10	500 & above	64	0	64	2852
		5.56%	0.00%	2.24%	
Total		1151	1701	2852	
		100.00%	100.00%	100.00%	

The study of the table –7 shows that:

- (i) The maximum number of 799 units forming 28.02 percent of the factory sector recorded under employment size class 20-49. The employment size class 50-99 with 735 units (25.77%) came next, followed by employment size class 100-199 with 390 units (13.67%).
- (ii) Within the Census sector, 579 out of 1151 units, i.e. 50.30% have less than 50 workers and 236 units (20.50%) having 50-99 workers and 336 units (29.19%) have more than 100 workers.
- (iii) In the Sample sector, 49.91 percent of the units (849 out of 1701) employed less than 50 workers each. As many as 499 units constituting 29.34 percent of total units in the Sample sector employed 50-99 workers each. Further, 353 units constituting 20.75 percent of the Sample sector reported employment 100 or more workers.

EMOLUMENTS

A total sum of ₹ 2792 crore was paid as emoluments to all employees during 2015-2016 of which ₹1106 crore were paid as wages to workers and remaining ₹1686 crore represented payment to other employee's salary, bonus and value of benefits in kind etc. The share of Census and Sample sector factories in the case of the total emoluments to all employees was ₹ 2206 crore (79.01%) and ₹586 crore (20.99%) respectively whereas in the case of wages to workers it was ₹830 crore (75.05%) and ₹ 276 crore (24.95%) respectively.

The total emoluments paid to all employees, wages to workers and some important derived ratios have been indicated in the table 8 given below:-

TABLE 8: EMOLUMENTS, WAGES AND SOME IMPORTANT DERIVATIONS

S. No.	Sector	Unit (in Nos.)	Workers	All employees (in nos.)	Total Emolument (in crores)	Total wages (in crores)	Average	
							Emolument per employee	Wages per worker
1	Census	1151	54189	82796	2206	830	266438	153168
		40.36%	72.50%	72.77%	79.01%	75.05%		
2	Sample	1701	20558	30986	586	276	189118	134254
		59.64%	27.50%	27.23%	20.99%	24.95%		
Total		2852	74747	113782	2793	1106	245445	147966

The above table reveals that the employees as well as workers in the Census sector were better paid than those in Sample sector. The Census sector constituted only 40.36 percent of the factory sector, claimed 79.01 percent of the emoluments paid to employees. The average emoluments per employee per man-day for the Census sector worked out to ₹876.90 as against ₹ 642.29 for the Sample sector and ₹814.46 for the factory sector as a whole. The reasons for the difference in the emoluments in the two sectors are obvious. The factories in the Census sector are generally highly mechanized and employ a greater percentage of skilled persons who are better paid than others.

The comparative position in respect of total emoluments paid to all employees, salaries and wages paid to workers etc, the major industry groups has been indicated in table II , given in Part-II of the report. Some of the salient features revealed from the study of this table are:

- (i) The total emoluments paid to all employees were the maximum at ₹ 53740 lakh (19.24%) in the Major Industry Group 14- Manufacturing of Wearing Apparel, followed by ₹49274 lakh (17.64%) in the Major Industry Group-10- Mfg. of Food Product and ₹ 34158 lakh (12.23%) in Major Industry Group 45 Wholesale and Retail Trade and Repair of Motor Vehicles and Motorcycles, these three groups together shared around 49.11% of the total emoluments paid in the factory sector.
- (ii) The average emoluments per employee per annum ₹ 3,96,862 is the maximum in the Major Industry Group 33- Repair and installation of machinery and equipment, while it is the lowest at ₹ 1,48,564 in the Major Industry Group, 24-Mfg. of basic metals. However, the average emoluments per employee per year for the factory sector worked out to ₹2, 45,445.
- (iii) The total wages of ₹23,451 lakh (21.19%) paid to the workers in the Major Industry Manufacturing of Wearing Apparel and Manufacturing of Food Products with ₹16,220 lakh (14.66%) came next. The two groups together accounted for 35.85% of the total wages paid in the factory sector.

INPUTS

Inputs, in any industrial activity mainly consists of consumption of raw materials and stores (used for manufacture, repair and maintenance purposes), 'fuels' materials consumed and also other inputs viz

- (i) Cost of non-industrial services received from others
- (ii) Cost of materials consumed for repair & maintenance of factory's fixed assets including cost of work done by others to the factory's fixed assets
- (iii) 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 and used for further manufacture during the accounting year.

The total value of the inputs, other than labour input and depreciation in the factory sector worked out to ₹ 56,366.11 crore. Out of this, consumption of materials being the principal components accounted for ₹ 36,640.95 (65.01%) crore of the total value of input. The remaining 19,725.16 crore were shared by 'fuels' and 'other inputs', their relevant values being ₹ 1189.46 crore (2.11%) and ₹ 18535.70 crore (32.88%) respectively.

The table below indicates the percentage consumption of different components of inputs in the Census, Sample & factory sectors.

TABLE 9: MATERIALS, FUELS & OTHER INPUT

Value in ₹ Lakh									
S. No	Sector	Unit (in Nos.)	Total Value of input	Consumption of various components					
				Material Value	%	Fuel Value	%	Other input value	%
1	Census	1151	4334648	2708638	62.49	73382	1.69	1552628	35.82
		40.36%	76.90%	73.92%		61.69%		83.76%	
2	Sample	1701	1301963	955457	73.39	45564	3.50	300942	23.11
		59.64%	23.10%	26.08%		38.31%		16.24%	
	Total	2852	5636611	3664095	65.01	118946	2.11	1853570	32.88

The perusal of the table-9 reveals some of interesting facts which are as under:-

- (i) The Census sector factories, constituting 40.36 percent of the total factories covered shared 76.90 percent of the total inputs, while the Sample sector, forming 56.64 percent of the factories accounted for only 23.10 percent of the total inputs.
- (ii) The percentage share in the total consumption of 'materials', 'fuels' and 'other inputs' in the case of Census sector was 73.92 percent, 61.69 percent and 83.76 percent respectively. The relevant percentages in the case of Sample sector were 26.08 percent, 38.31 percent and 16.24 percent in that order.

(iii) Within the two sectors, the percentage share of the constituents of 'total inputs' varied considerably. In the Census sector 'material consumed', 'fuel consumed' and 'other inputs' accounted for 62.49 percent, 1.69 percent and 35.82 percent respectively compared to 73.39 percent, 3.50 percent and 23.11 percent respectively for the Sample sector as against 65.01 percent, 2.11 percent and 32.88 percent respectively for the factory sector as a whole.

Some of the salient features revealed by the study of the results of the survey detailed in table II given in part II of the report are as follows:-

- (i) Major Industry Group 10 'Mfg of Food products' shares 52.29 percent of the total inputs in the factory sector followed by Group-45 'Wholesale and retail trade, repair of motor vehicle and motorcycles', Group 14 -'Manufacturing of Wearing Apparel', Group 27-'Manufacture of electrical equipment, sharing 13.40%, 6.55%, and 3.39% respectively of total inputs. These four industry groups together accounted for 75.63 percent of the total inputs in the factory sector.
- (ii) Within the Major Industry Groups, the percentage share of 'Material Consumed' to total input of the Major Industry Groups varied considerably. It was the highest in the Major Industry Group 19-'Mfg of coke & refined petroleum products' at 93.14% and the lowest at 0.19% in the Major Industry Group 52-'Warehousing & support activities for transportation'.

DEPRECIATION

Depreciation means 'consumption of fixed capital' during the manufacturing process. It is estimated on the basis of cost and 'productive life' of the fixed assets concerned.

As shown in table-10 of part II the total estimated value of depreciation for all the fixed assets in the factory sector, as per ASI 2015-16 worked out to ₹ 64691 lakh. The average rate of depreciation calculated on the basis of total fixed capital engaged in the production activity during the survey year, worked to 9.35 percent in the factory sector.

The table-10 given below depicts the average rate of depreciation as percentage of fixed capital in some major industry groups.

TABLE 10: DEPRECIATION RATES IN SOME IMPORTANT MAJOR INDUSTRY GROUPS

S. No.	Industry Group	Description	No. of factories	Fixed Capital	Depreciation	Percentage share of Depreciation in total	Average Rate of Depreciation
1	10	Mfr. Of Food Products	143	12151232	1032862	15.97	8.5
2	11	Manufacture of beverages	3	55058	32500	0.5	59.03
3	12	Manufacture of tobacco products	23	416144	91004	1.41	21.87
4	13	Manufacture of textiles	114	3622864	174850	2.7	4.83
5	14	Manufacture of wearing apparel	327	13899600	708008	10.94	5.09
6	15	Manufacture of leather and related products	155	1739725	255921	3.96	14.71
7	16	Manufacture of wood and products of wood and cork, except furniture;	11	110301	10902	0.17	9.88
8	17	Manufacture of paper and paper products	53	662541	90027	1.39	13.59
9	18	Printing and reproduction of recorded media	243	4308495	594790	9.19	13.81
10	19	Manufacture of coke and refined petroleum products	3	14791	2513	0.04	16.99
11	20	Manufacture of chemicals and chemical products	60	2193920	216093	3.34	9.85
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	30	542850	74417	1.15	13.71
13	22	Manufacture of rubber and plastics products	166	1900658	244203	3.77	12.85
14	23	Manufacture of other non-metallic mineral products	15	542898	59119	0.91	10.89
15	24	Manufacture of basic metals	124	655314	82286	1.27	12.56
16	25	Manufacture of fabricated metal products, except machinery and equipment	296	2599488	267924	4.14	10.31
17	26	Manufacture of computer, electronic and optical products	109	1880490	201996	3.12	10.74

S. No.	Industry Group	Description	No. of factories	Fixed Capital	Depreciation	Percentage share of Depreciation in total	Average Rate of Depreciation
18	27	Manufacture of electrical equipment	254	2845567	355141	5.49	12.48
19	28	Manufacture of machinery and equipment n.e.c.	195	1493911	170502	2.64	11.41
20	29	Manufacture of motor vehicles, trailers and semi-trailers	100	1278265	158069	2.44	12.37
21	30	Mfr. Of Other Transport equipment	30	227364	20177	0.31	8.87
22	31	Manufacture of furniture	28	191967	25028	0.39	13.04
23	32	Other manufacturing	65	946817	135296	2.09	14.29
24	33	Repair and installation of machinery and equipment	12	816446	89211	1.38	10.93
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	251	7276236	758284	11.72	10.42
26	52	Warehousing and support activities for transportation	11	544523	6902	0.11	1.27
27	58	Publishing activities	9	377977	23510	0.36	6.22
28	95	Repair of computers and personal and household goods	14	523484	101617	1.57	19.41
29	96	Other personal service activities	6	24527	3642	0.06	14.85
30		Others	5	5380310	482338	7.46	8.96
		TOTAL	2852	69223763	6469135	100	9.35

OUTPUT

Output in an industry includes products, by-products and services generated during the industrial process. The value of total output worked out to ₹65167.18 crore as compared to ₹ 61248.14 crore in 2014-15 indicating thereby an increase of 6.40 percent over the previous year. The worth of products and by-products is ₹ 45315.40crore whereas ₹ 19852.14 crore is worth of 'other output' including services rendered to others and sale value of goods sold in the same condition, as purchased.

The relative contribution of the Census and Sample sectors in the 'total output', 'products and by-products' and some important ratios derived there from have been shown in the table given below:-

TABLE 11: OUTPUT AND SOME IMPORTANT RELATED RATIOS

(Value in ₹ Lakh)

S. No.	Sector	Units	Input	Output			Output Input Ratio	Output Per		Output /Invested Capital Ratio
				Product and by-product	Other Output	Total Output		Worker per annum	Employee Manday (in Rs.)	
1	Census	1151	4334648	3400981	1644609	5045590	1.16	93.11	20051	3.58
		40.36%	76.90%	75.05%	82.84%	77.43%				
2	Sample	1701	1301963	1130523	340605	1471128	1.13	71.56	16120	4.16
		59.64%	23.10%	24.95%	17.16%	22.57%				
Total		2852	5636611	4531504	1985214	6516718	1.16	87.18	19005	3.69

The study of the table 11 reveals that:

- (i) The Census Sector constituting 77.43% of the 'total output' in the Factory Sector, while its share in the case of 'Products and by-Products', and 'other output' worked out to 75.05 % and 82.84 % respectively. While in Sample sector comprising 22.57 % of the total output. Its share in products and by-products is 24.95% and in other outputs is 17.16%
- (ii) The 'output' per unit 'Invested Capital' ratio at 4.16 in the Sample Sector was higher as compared to 3.58 in the Census Sector. Whereas this ratio was 3.69 in the Factory Sector as a whole.

- (iii) The average 'value of output per worker' per annum was higher in the Census sector than in factory and Sample sector. The relevant figures for Census Sector, Sample Sector and Factory Sector are ₹ 93.11 lakh, ₹ 71.56 lakh and ₹ 87.18 lakh respectively.
- (iv) 'Production per manday', being the measure of the productivity in an industrial activity, 'Productivity' in the Census Sector at ₹ 20,051 was higher compared to ₹ 16,120 in the Sample Sector and ₹ 19,005 in the Factory Sector.
- (v) Output-Input ratio, on the other hand, was 1.16 in Census sector, 1.13 in Sample sector and 1.16 in Factory sector as a whole.

The details of 'output', 'Products and by-Products', and 'other output', etc. within Major Industry Groups are indicated in table-II of Part II of the Report. The study thereof depicts that:-

- (i) The contribution of Major Industry Group 10-'Mfg. of Food products & beverages', approx. at ₹31,070 crore worth of output accounting for 47.68 percent of the total products was the maximum. Major Industry Groups, 45- 'Wholesale and retail trades & repair of motor vehicles and motorcycles' with 13.06 percent, Industry Groups, 14-'Mfg. of wearing apparel', 8.42 percent, Industry Groups 27-'Mfg. of electrical equipment' with 3.54 percent. Industry Group 25- 'Mfg. of fabricated metal products, except machinery and equipment' with 2.66 percent came next in that order. These five Major Industry Groups together contributes around 75.36 percent of the total output in the factory sector.

TABLE 12: GENERAL PATTERN OF COST OF PRODUCTION

Sl. No.	Cost Constituents	Cost as percentage of value of output (value in lakh)					
		Census Sector		Sample Sector		Factory Sector	
		Value	%	Value	%	Value	%
1	Value of Output	5045590	100	1471128	100	6516718	100
2	Value of Input						
	(a) Material	2708638	53.68	955457	64.95	3664095	56.23
	(b) Fuels	73382	1.45	45564	3.10	118946	1.83
	(c) Other input	1552628	30.77	300942	20.46	1853570	28.44
	Total Input	4334648	85.91	1301963	88.50	5636611	86.49
3	Employee Emolument	220656	4.37	58616	3.98	279272	4.29
4	Factor payment	155665	3.09	32857	2.23	188522	2.89
5	Depreciation	48879	0.97	15813	1.07	64691	0.99
	Total cost	4759848	94.34	1409249	95.79	6169096	94.67

The study of table 12 reveals that:-

- (i) The ‘pattern of the cost of production’ in factories in the Census and the Sample sectors differed substantially particularly in respect of share of fuels, emoluments, and factor payments in their respective total cost structure in the two sectors.
- (ii) The ‘total value of inputs’ (materials, fuels and other inputs) and employee emolument, factor payment taken together constituted 94.34 percent of the ‘total value of output’ in the Census sector, 95.79 percent in the Sample sector and 94.67 percent in the factory sector as a whole.
- (iii) The contribution of materials and stores components of inputs was 56.23 percent of the total output in the factory Sector. The relevant figures were 53.68 percent for the Census sector and 64.95 percent for the Sample sector.
- (iv) The share of ‘fuels’ also varied substantially in the three sectors. It was only 1.45 percent of the value of output in the Census sector, 3.10 percent in the Sample sector and 1.83 percent in the factory sector.
- (v) The other important factor of the cost viz. ‘emoluments’ formed only 4.37 percent of ‘total output’ in the Census sector, 3.98 percent in the Sample sector and 4.29 percent in the factory sector.

(vi) The percentage contribution of factor payments was 3.09 percent of ‘total value of output’ in the Census sector, 2.23 percent in the Sample sector and 2.89 percent in the factory sector.

VALUE ADDED BY MANUFACTURER

Value added by manufacture is a measure of the relative importance of the industrial sector in State / National economy as well as a measure of the relative importance of a particular industry within the industrial sector itself. It is used to measure the contribution of Industrial Sector in the State / National Domestic Product. The contribution of the Organized Industrial sector (factory sector) in the state domestic product of Delhi during the year 2015-2016 worked out to ₹ 8154.15 crore.

TABLE 13: VALUE ADDED BY MANUFACTURE AND SOME IMPORTANT RATIO

(Value in ₹ Lakh)

Sector	Units	Value Added(GVA-Depreciation)	Invested Capital	Value added Invested Capital Ratio	Value added Input Ratio	Value added Output Ratio	Value added per worker in Rs.	Value added per employee in Rs.
Census	1151	662063	1410856	0.47	0.15	0.13	1221766	799632
%	40.36	81.19	79.97					
Sample	1701	153352	353341	0.43	0.12	0.10	745948	494907
%	59.64	18.81	20.03					
Total	2852	815415	1764197	0.46	0.14	0.13	1090900	716647

The study of the table reveals that:-

- (i) The share of the Census Sector, constituting 40.36 percent of the total factories covered, was ₹ 6620.63 crore or 81.19 percent of the total value added by manufacture while it worked out to ₹ 1533.52 crore or 18.81 percent of the total for the Sample Sector.
- (ii) ‘Value added – Invested Capital ratio’ or the ‘Value added per unit of Invested Capital’, was 0.47 in the Census Sector, 0.43 in the Sample Sector and 0.46 in the Factory Sector indicating relatively better return on the Invested Capital in the Census Sector.

(iii) The “Value added per worker’ at ₹ 12,21,766 in the Census sector is higher as compared to ₹ 7,45,948 in the Sample Sector and ₹ 10,90,900 in the Factory Sector.

(iv) The ‘Value added per employee’ in the, Census, Sample and Factory Sectors were ₹ 7,99,632, ₹ 4,94,907 and ₹ 7,16,647 respectively.

NOTE:-

The report is based on pooled set of the Unit level data compiled by CSO (IS Wing) Kolkata, Ministry of Statistics & Programme Implementation, Govt. of India and the Unit level data of residual Sample units survey by the DES, Delhi.

CHAPTER- IV
District Level Estimates

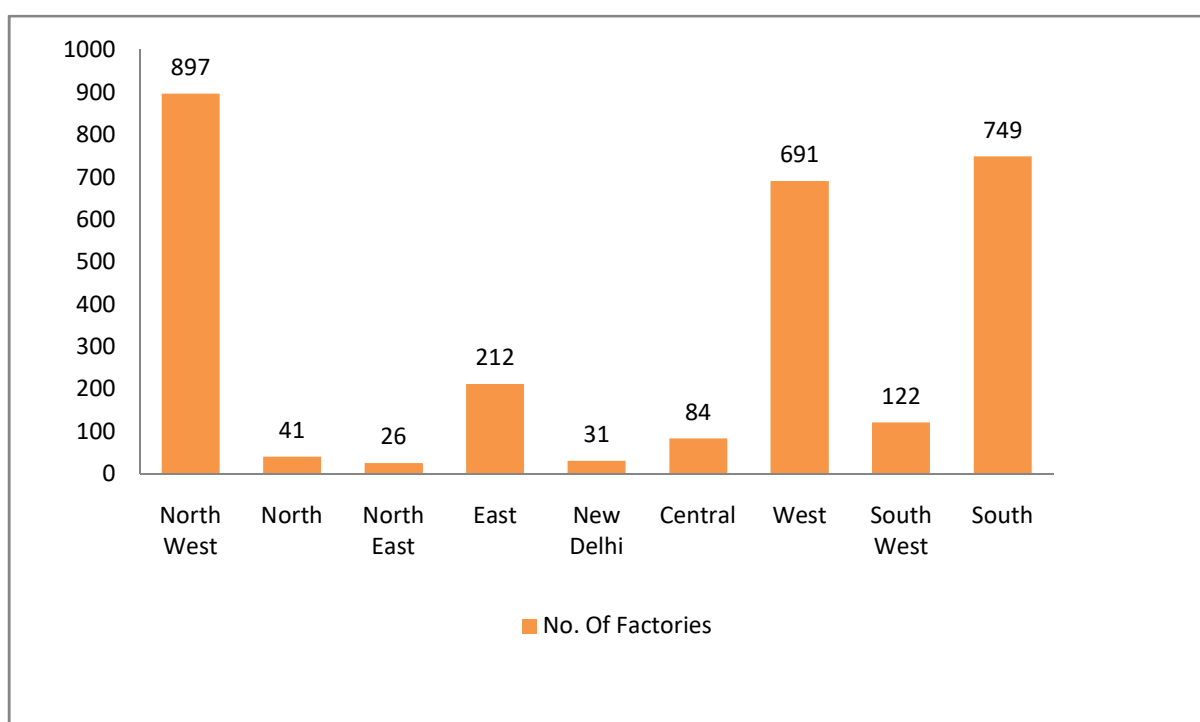
Estimates for principal characteristics for all industries taken together in respect of nine districts of Delhi during the year 2015-2016 have been depicted in Table-1 below :-

S. No.	Characteristics	Unit	District Code									Total
			North West	North	North East	East	New Delhi	Central	West	South West	South	
1	Factories In operation	Number	897	41	26	212	31	84	691	122	749	2852
2	Fixed Capital	Rs. In Lakhs	229626	2210	4643	25272	2861	3513	121593	51572	250947	692238
3	Physical Working Capital	Rs. In Lakhs	618293	2481	4707	90089	784	3549	165792	28428	157836	1071959
4	Invested Capital	Rs in lakhs	847919	4691	9350	115361	3646	7062	287384	80000	408783	1764197
5	Working Capital	Rs. In Lakhs	503140	2171	5077	38791	2923	4640	193462	30161	132271	912636
6	Outstanding loans	Rs. In Lakhs	245060	1827	3962	33912	1102	4170	108123	35051	140501	573707
7	Workers	Number	19933	437	332	3659	507	715	18693	3973	26499	74747
8	All Employees	Number	31811	673	533	6134	720	1050	27156	5760	39946	113782
9	Mandays Worked (Employees)	No. in '000'	9582	197		1877	221	295	8148	1803	12008	34289
10	Wages to workers	Rs. In Lakhs	28122	590	449	5973	774	952	27787	8273	37707	110626
11	Total Emoluments	Rs. In Lakhs	75051	1396	1253	16354	1766	1798	65856	16106	99692	279272
12	Fuels Consumed	Rs. In Lakhs	59894	628	712	7977	453	805	20716	8265	19496	118946
13	Material Consumed	Rs. In Lakhs	2494613	6164	21470	241448	1454	8375	398601	54909	437061	3664095
14	Other Input	Rs. In Lakhs	394420	5175	7559	465087	33353	2606	343833	93413	508123	1853570
15	Total Input	Rs. In Lakhs	2948927	11966	29741	714513	35260	11786	763151	156587	964680	5636611
16	Products	Rs. In Lakhs	2769312	8474	26333	266222	2528	10921	650743	79955	717016	4531504
16	Other Outputs	Rs. In Lakhs	403471	6085	7192	518714	36672	4894	385645	119213	503329	1985214
17	Total Outputs	Rs. In Lakhs	3172783	14559	33525	784936	39200	15815	1036387	199168	1220345	6516718
18	Depreciation	Rs. In Lakhs	23353	240	582	4041	269	397	13887	4328	17594	64691
19	Gross value added	Rs. In Lakhs	223856	2592	3784	70423	3940	4029	273237	42581	255665	880106
19	net value added	Rs. In Lakhs	200502	2352	3202	66383	3671	3632	259350	38253	238070	815415
20	Rent	Rs. In Lakhs	10091	39	108	5017	43	58	11006	2543	13242	42148
21	Interest	Rs. In Lakhs	85464	297	863	5563	85	728	20369	3474	29530	146374
22	Factor Payments (Rent Paid + Interest Paid)	Rs. In Lakhs	95555	337	971	10580	128	786	31375	6017	42772	188522
23	Rent Received + Interest Received	Rs. In Lakhs	5013	270	160	782	360	125	6250	1258	10854	25072
24	Net Income	Rs. In Lakhs	109961	2285	2390	56585	3903	2970	234225	33493	206152	651965

Note: Sum of districts' figures may not match exactly with **Total** due to rounding off.

Distribution of Factories in Districts

The results revealed that maximum numbers of factories are set up in outer Delhi i.e. North-West and South districts sharing 31.45%% and 26.26% of the total factories, followed by West district with 24.22%. On the other hand, Districts New Delhi, North East and North are least industrialized, all sharing only 3.43% of the total. Most densely populated district i.e. East district is having 7.43% of total industries and District Central shares 2.94% factories.



Note: Sum of districts' figures may not match exactly with **Total** due to rounding off.

Capital Structure

In the three most industrialized districts namely, North-West, South and West share of total fixed capital, total invested capital and total working capital are 86.98%, 87.52% and 90.82% respectively. Invested Capital per unit and Productive capital per unit are the highest in the North-West District. Invested Capital and Productive Capital per unit are returned as Rs.945 lakh and Rs.817 lakh respectively in this district.

Districts Name	Factories in operation in Nos.	Fixed Capital	Invested Capital	Working Capital	Productive Capital	Invested Capital Per Unit	Productive Capital Per Unit
North West	897	229626	847919	503140	732766	945	817
North	41	2210	4691	2171	4382	116	108
North East	26	4643	9350	5077	9719	367	381
East	212	25272	115361	38791	64063	544	302
New Delhi	31	2861	3646	2923	5784	118	187
Central	84	3513	7062	4640	8153	84	97
West	691	121593	287384	193462	315055	416	456
South West	122	51572	80000	30161	81733	656	670
South	749	250947	408783	132271	383218	546	511
Total	2852	692238	1764197	912636	1604873	619	563

On the other hand, among all 3 less industrialized districts, North East district is having invested capital of ₹ 9350 lakh with only 26 units having invested capital per unit ₹ 367 lakhs, which is highest among these 3 districts and indicates concentration of big industries in this district.

Employment & Emoluments

District South provided gainful employment to 26499 workers i.e. 35.45% of the total workers which was maximum among all 9 districts. Further, districts South, North-West and West were sharing 35.11%, 27.96% and 23.87% of the total employees. Similarly, worker/employee ratio was highest in case of district New Delhi which indicates presence of labour intensive industries, while the same ratio is lowest for district North-East showing presence of higher number of managers, supervisors and clerks in the total employee. Table shows employment, emoluments, mandays worked and certain important ratios district wise-

Districts Name	Factories in operation	Workers	All Employees	Emolument	Wages paid	Total mandays (Employees)	Annual Wage per worker	Annual emolument per worker	Mandays per year employee
	Nos.	Nos.	Nos.	in Lakh	in Lakh	in '000	(in Rs.)	(in Rs.)	Nos.
North West	897	19933	31811	75051	28122	9582	141085	376523	301
North	41	437	673	1396	590	197	135019	319386	293
North East	26	332	533	1253	449	158	135106	377071	296
East	212	3659	6134	16354	5973	1877	163236	446961	306
New Delhi	31	507	720	1766	774	221	152620	348355	307
Central	84	715	1050	1798	952	295	133199	251565	281
West	691	18693	27156	65856	27787	8148	148651	352304	300
South West	122	3973	5760	16106	8273	1803	208237	405408	313
South	749	26499	39946	99692	37707	12008	142297	376215	301
Total	2852	74747	113782	279272	110626	34289	148001	373623	301

Note: Sum of districts' figures may not match exactly with **Total** due to rounding off.

Perusal of above table reveals that –

- (i) Per unit average employment was the highest 53 for district South and the lowest 13 for district Central.
- (ii) Mandays worked per employee per year was the lowest 281 in case of district Central and was the highest 313 for district South West.
- (iii) Average annual wage rate per worker was the highest as ₹ 2,08,237 for district South-West and was the lowest with ₹1,33,199 for district Central. However, average annual emolument per worker was the highest with ₹ 4,46,961 in case of district East and the lowest with ₹2,51,565 in case of district Central.

Input, Output and Some Related Ratios

The relative contribution of nine districts in the 'total output', 'total input' and some important ratios derived there from have been shown in the table given below:-

Districts Name	Factories in operation	Output	Input	Workers	Total Mandays (Employees)	Invested capital	Average Output per employees mandays	Output per worker per annum	Output /Input	Output/ Invested Capital
		(in Lakh)	(in Lakh)	(in No.)	(in '000)	(in Lakh)		In lakhs		
North West	897	3172783	2948927	19933	9582	847919	33112	159	1.08	3.74
North	41	14559	11966	437	197	4691	7390	33	1.22	3.1
North East	26	33525	29741	332	158	9350	21218	101	1.13	3.59
East	212	784936	714513	3659	1877	115361	41819	215	1.1	6.8
New Delhi	31	39200	35260	507	221	3646	17738	77	1.11	10.75
Central	84	15815	11786	715	295	7062	5361	22	1.34	2.24
West	691	1036387	763151	18693	8148	287384	12720	55	1.36	3.61
South West	122	199168	156587	3973	1803	80000	11046	50	1.27	2.49
South	749	1220345	964680	26499	12008	408783	10163	46	1.27	2.99
Total	2852	6516718	5636611	74747	34289	1764197	19005	87	1.16	3.69

Note: Sum of districts' figures may not match exactly with **Total** due to rounding off.

The study of the table reveals that:

- Production per manday i.e. average output per employee mandays was the highest as ₹ 41,819 Lakhs in the district East and the lowest as ₹ 5,361 Lakhs in district Central.
- Maximum and minimum average values of Output per worker per annum were approx. ₹ 215 lakhs and 22 lakhs in districts East and Central respectively.
- Output-Invested capital ratio was the highest 10.75 in New Delhi district and was the lowest 2.24 in Central district.
- Output-input ratio was the lowest i.e.1.08 in North West district and was the highest i.e. 1.36 in West district.

Net Value Added by Manufacturer

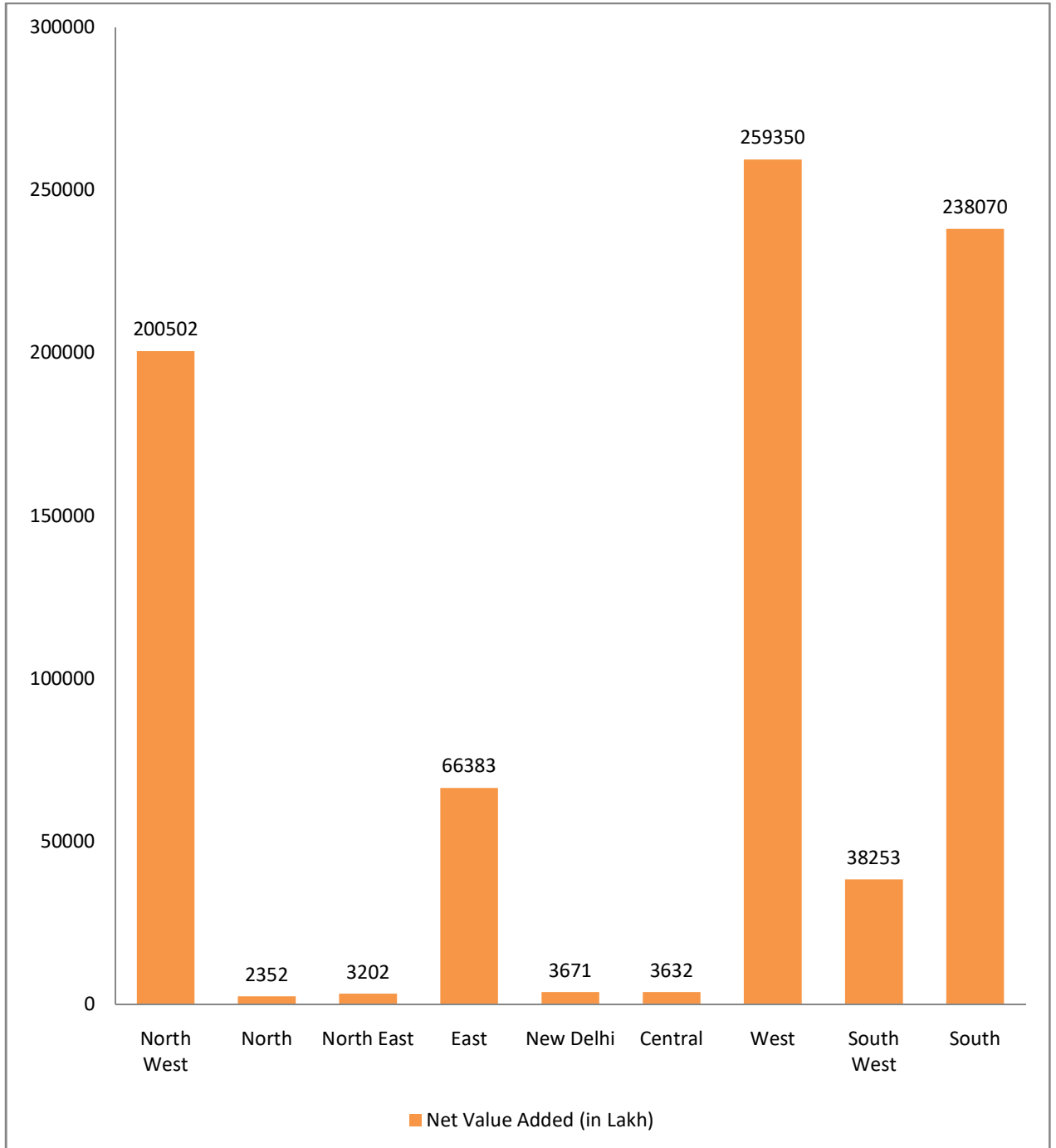
‘Net value added by manufacture’ represents relative contribution of organised manufacturing sector in the economy of the State and its constituent Districts:-

Districts Name	Factories in operation	Output	Workers	All Employees	Net Value Added	Net Value Added per Worker	Net Value Added per employee	Value Added Output ratio
	(in Nos.)	(in Lakh)	(in No.)	Number	(in Lakh)	(in Rs.)	(in Rs.)	
North West	897	3172783	19933	31811	200502	1005895	630296	0.06
North	41	14559	437	673	2352	538215	349610	0.16
North East	26	33525	332	533	3202	963732	601032	0.1
East	212	784936	3659	6134	66383	1814239	1082214	0.08
New Delhi	31	39200	507	720	3671	724063	509861	0.09
Central	84	15815	715	1050	3632	508150	345905	0.23
West	691	1036387	18693	27156	259350	1387413	955020	0.25
South West	122	199168	3973	5760	38253	962885	664172	0.19
South	749	1220345	26499	39946	238070	898425	595982	0.2
Total	2852	6516718	74747	113782	815415	1090899	716646	0.13

Note: Sum of districts' figures may not match exactly with **Total** due to rounding off.

The study of the table reveals that :-

- (i) District West contributed a maximum value of Net value added ₹ 2,59,350 lakh, highest among all 9 districts i.e. 31.81% of the total as depicted in the graph. Other major contributors of Net value added were districts South, North-West, East, South West sharing 29.20%, 24.59%, 8.41% and 4.69% respectively. Thus, these entire five districts shared 98.70% of the total value added of the Delhi.
- (ii) ‘Value Added per worker’ at ₹ 1,81,42,39 was maximum for East District and at ₹ 5,08,150 was minimum in Central District.
- (iii) ‘Value Added per employee’ estimated as ₹ 1,08,22,14 was highest in East District and ₹ 3,45,905 was minimum in Central District.



ANNUAL SURVEY OF INDUSTRIES

District-wise comparison of major characteristics

S. No	District Name	Number of Units			Workers (in numbers)			Employees (in numbers)			Total Emoluments (in lakhs)			Total Input (in lakhs)			Total Output (in lakhs)			GVA (in lakhs)		
		2014-15	2015-16	% Change	2014-15	2015-16	% Change	2014-15	2015-16	% change	2014-15	2015-16	% change	2014-15	2015-16	% change	2014-15	2015-16	% change	2014-15	2015-16	% change
1	North West	912	897	-1.62	20515	19933	-2.84	32894	31811	-3.29	68090	75051	10.22	2421931	2948927	21.76	2702143	3172783	17.42	280212	223856	-20.11
2	North	38	41	6.58	436	437	0.23	798	673	-15.70	1364	1396	2.33	24445	11966	-51.05	26889	14559	-45.86	2445	2592	6.01
3	North East	38	26	-32.89	474	332	-29.91	746	533	-28.59	1293	1253	-3.11	39721	29741	-25.13	44030	33525	-23.86	4309	3784	-12.18
4	East	205	212	3.54	3485	3659	4.99	5647	6134	8.62	13732	16354	19.10	656041	714513	8.91	688952	784936	13.93	32911	70423	113.98
5	New Delhi	32	31	-3.13	463	507	9.50	1005	720	-28.36	1780	1766	-0.78	55347	35260	-36.29	58394	39200	-32.87	3046	3940	29.33
6	Central	99	84	-15.15	900	715	-20.58	3129	1050	-66.44	20433	1798	-91.20	37650	11786	-68.70	152533	15815	-89.63	114884	4029	-96.49
7	West	745	691	-7.31	20376	18693	-8.26	29253	27156	-7.17	63299	65856	4.04	882038	763151	-13.48	1001424	1036387	3.49	119386	273237	128.87
8	South West	109	122	11.93	3263	3973	21.75	4575	5760	25.89	11332	16106	42.13	91426	156587	71.27	114214	199168	74.38	22789	42581	86.85
9	South	750	749	-0.09	26786	26499	-1.07	40057	39946	-0.28	96501	99692	3.31	1043180	964680	-7.53	1336234	1220345	-8.67	293054	255665	-12.76
	Total	2928	2852	-2.58	76697	74747	-2.54	118103	113782	-3.66	277825	279272	0.52	5251780	5636611	7.33	6124814	6516718	6.40	873034	880107	0.81

District-wise comparison of major characteristics, ASI 2014-15 & 2015-16

Six out of nine districts in Delhi have registered a decline in the number of factories during the ASI year 2015-16 as compared to 2014-15.

On the whole, Delhi shows a decrease of 2.54% in the number of workers as compared to 2014-15. Highly industrialized District North West shows a decrease of 2.84% in the number of workers employed whereas an increase of 21.75%, 9.50%, 4.99%, and 0.23%, in number of workers employed was reported in South West, New Delhi, East and North Districts respectively. Overall five Districts out of nine have shown decrease in number of workers employed. These five districts are North East (-29.91%), Central (-20.58%), West (-8.26%), North West(-2.84%) and South (-1.07%).

Number of employees has also decreased in these three highly industrialized Districts viz. North West (-3.29%), South (-0.28%) and West (-7.17%). whereas highest decrease in Central Districts (-66.44%) and increase in South West District 25.89%.

Total Emolument paid is the highest in the District South (Rs. 99,692lakh) and it constitutes 35.69% of total emoluments paid.

In respect of Gross Value Added (GVA), District West excels in the list with its 31.05% share in total GVA. However, it has exhibited an increase of 128.87% in GVA from the previous year 2014-2015. District East and South West had shown a growth in GVA by 113.98% & 86.85% respectively from the previous year, however. Overall four districts i.e Central(-96.49%), North-West(-20.11%), South(-12.76%), and North-East(-12.18%) out of nine Districts had shown decline in GVA in comparison to previous year.

Part-II

**Annual Survey of Industry 2015-16
Central + State (Pooled)**

Table I: Principal Characteristics At A Glance

S. No.	Characteristics	Unit	Census	Sample	Total
1	Factories In operation	Number	1151	1701	2852
2	Fixed Capital	Rs. In Lakhs	494989	197248	692238
3	Physical Working Capital	Rs. In Lakhs	915866	156093	1071959
4	Invested Capital	Rs in lakhs	1410856	353341	1764197
5	Working Capital	Rs. In Lakhs	754839	157798	912636
6	Outstanding loans	Rs. In Lakhs	454364	119343	573707
7	Workers	Number	54189	20558	74747
8	All Employees	Number	82796	30986	113782
9	Mandays Worked (Employees)	No. in '000'	25163	9126	34289
10	Wages to workers	Rs. In Lakhs	83019	27608	110626
11	Total Emoluments	Rs. In Lakhs	220656	58616	279272
12	Fuels Consumed	Rs. In Lakhs	73382	45564	118946
13	Material Consumed	Rs. In Lakhs	2708638	955457	3664095
14	Other Input	Rs. In Lakhs	1552628	300942	1853570
15	Total Input	Rs. In Lakhs	4334648	1301963	5636611
16	Products	Rs. In Lakhs	3400981	1130523	4531504
17	Other Outputs	Rs. In Lakhs	1644609	340605	1985214
18	Total Outputs	Rs. In Lakhs	5045590	1471128	6516718
19	Depreciation	Rs. In Lakhs	48879	15813	64691
20	gross value added	Rs. In Lakhs	710941	169165	880106
21	net value added	Rs. In Lakhs	662063	153352	815415
22	Rent	Rs. In Lakhs	35539	6610	42148
23	Interest	Rs. In Lakhs	120126	26248	146374
24	Factor Payments (Rent Paid + Interest Paid)	Rs. In Lakhs	155665	32857	188522
25	Rent Received + Interest Received	Rs. In Lakhs	18556	6516	25072
26	Net Income	Rs. In Lakhs	524954	127011	651965

Annual Survey of Industries 2015-16
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

S.No	Ind Group	Description	No. of factories	Fixed Capital	Value in Rs. 000		
					Physical working capital	Invested Capital	Working capital
1	10	Mfr. Of Food Products	143	12151232	53577512	65728744	42409325
2	11	Manufacture of beverages	3	55058	14235	69292	-15763
3	12	Manufacture of tobacco products	23	416144	818961	1235105	1742125
4	13	Manufacture of textiles	114	3622864	915998	4538861	1951158
5	14	Manufacture of wearing apparel	327	13899600	9458659	23358259	6136197
6	15	Manufacture of leather and related products	155	1739725	3030327	4770052	2453876
7	16	Manufacture of wood and products of wood and cork, except furniture;	11	110301	187349	297649	213261
8	17	Manufacture of paper and paper products	53	662541	532579	1195120	1261263
9	18	Printing and reproduction of recorded media	243	4308495	1763945	6072441	1793676
10	19	Manufacture of coke and refined petroleum products	3	14791	18213	33004	91019
11	20	Manufacture of chemicals and chemical products	60	2193920	4694366	6888286	6471767
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	30	542850	618377	1161227	317462
13	22	Manufacture of rubber and plastics products	166	1900658	1527030	3427689	201910
14	23	Manufacture of other non-metallic mineral products	15	542898	123221	666119	438266
15	24	Manufacture of basic metals	124	655314	1582489	2237804	2300200
16	25	Manufacture of fabricated metal products, except machinery and equipment	296	2599488	2832361	5431849	3455358
17	26	Manufacture of computer, electronic and optical products	109	1880490	2754886	4635375	3400051
18	27	Manufacture of electrical equipment	254	2845567	4442169	7287736	7517526
19	28	Manufacture of machinery and equipment n.e.c.	195	1493911	1974322	3468233	2125524
20	29	Manufacture of motor vehicles, trailers and semi-trailers	100	1278265	1388403	2666669	1336718
21	30	Mfr. Of Other Transport equipment	30	227364	92457	319820	142569
22	31	Manufacture of furniture	28	191967	211675	403642	168216
23	32	Other manufacturing	65	946817	974442	1921259	2715077
24	33	Repair and installation of machinery and equipment	12	816446	1110543	1926989	-1194031
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	251	7276236	11303636	18579872	3708599
26	52	Warehousing and support activities for transportation	11	544523	0	544523	59472
27	58	Publishing activities	9	377977	38926	416903	188873
28	95	Repair of computers and personal and household goods	14	523484	1108296	1631779	1349613
29	96	Other personal service activities	6	24527	4330	28857	9267
30		Others	5	5380310	96199	5476509	-1484964
		Total	2852	69223763	107195903	176419666	91263611

Annual Survey of Industries 2015-16
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

							Value in Rs.000
S.No	Ind Group	Description	Outstanding Loans	Mandays Employee	Workers	Employees	Wages to Workers
1	10	Mfr. Of Food Products	10370059	4184	7671	13440	1622029
2	11	Manufacture of beverages	8593	114	258	382	45177
3	12	Manufacture of tobacco products	713267	415	1030	1364	137245
4	13	Manufacture of textiles	2794813	972	2087	3260	261922
5	14	Manufacture of wearing apparel	4813134	7504	17989	24745	2345179
6	15	Manufacture of leather and related products	2083872	1422	3502	4733	426904
7	16	Manufacture of wood and products of wood and cork, except furniture;	61502	122	193	401	30211
8	17	Manufacture of paper and paper products	771002	372	766	1267	95054
9	18	Printing and reproduction of recorded media	3936994	1683	3847	5694	621733
10	19	Manufacture of coke and refined petroleum products	3181	13	29	45	4492
11	20	Manufacture of chemicals and chemical products	2102035	597	1353	1992	172610
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	342186	554	915	1849	124467
13	22	Manufacture of rubber and plastics products	2531147	1091	2516	3692	358050
14	23	Manufacture of other non-metallic mineral products	409940	136	339	453	51878
15	24	Manufacture of basic metals	1236291	453	1117	1580	132753
16	25	Manufacture of fabricated metal products, except machinery and equipment	2692480	2170	5502	7297	742816
17	26	Manufacture of computer, electronic and optical products	2250431	1118	2154	3929	302262
18	27	Manufacture of electrical equipment	2983495	2170	4739	7270	635852
19	28	Manufacture of machinery and equipment n.e.c.	1340288	1308	2775	4406	435378
20	29	Manufacture of motor vehicles, trailers and semi-trailers	1102269	1182	2872	3942	381637
21	30	Mfr. Of Other Transport equipment	251420	130	328	447	46775
22	31	Manufacture of furniture	207540	197	403	659	53239
23	32	Other manufacturing	597608	792	1838	2646	253190
24	33	Repair and installation of machinery and equipment	1277286	574	416	1873	159447
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	6455758	4060	7673	13304	1181068
26	52	Warehousing and support activities for transportation	152844	32	72	111	11756
27	58	Publishing activities	191863	102	176	332	24698
28	95	Repair of computers and personal and household goods	162634	349	851	1170	184766
29	96	Other personal service activities	17038	43	78	142	10479
30		Others	5509738	429	1259	1359	209574
		Total	57370708	34289	74747	113782	11062642

Annual Survey of Industries 2015-16
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Value in Rs. 000

S.No	Ind Group	Description	Total emoluments	Other inputs	Total Inputs	Products	Other Output
1	10	Mfr. Of Food Products	4927453	58567946	294757843	250609874	60093043
2	11	Manufacture of beverages	85826	53407	288550	648021	2361
3	12	Manufacture of tobacco products	428769	2289775	10436142	13286086	189975
4	13	Manufacture of textiles	644764	1418006	6194954	6275850	2537939
5	14	Manufacture of wearing apparel	5374057	12409783	36915111	50186830	4683194
6	15	Manufacture of leather and related products	919814	2367826	13768442	15257023	1093187
7	16	Manufacture of wood and products of wood and cork, except furniture;	119603	421755	915154	602249	885634
8	17	Manufacture of paper and paper products	333583	540826	2163674	2011007	1026630
9	18	Printing and reproduction of recorded media	1222318	1875483	9153812	8979596	3790645
10	19	Manufacture of coke and refined petroleum products	8950	12383	260586	307259	2333
11	20	Manufacture of chemicals and chemical products	560356	1711958	10027609	9992866	2337854
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	408263	589152	2411122	3035600	494408
13	22	Manufacture of rubber and plastics products	796119	1520811	10582251	12410993	1052725
14	23	Manufacture of other non-metallic mineral products	90851	1687162	2117760	494173	1126503
15	24	Manufacture of basic metals	234731	3070427	11976652	11560071	3426996
16	25	Manufacture of fabricated metal products, except machinery and equipment	1286883	2150291	14602448	15447267	1893921
17	26	Manufacture of computer, electronic and optical products	1142244	3542973	10285282	10042868	4405933
18	27	Manufacture of electrical equipment	1564225	3458300	19119154	19985887	3100002
19	28	Manufacture of machinery and equipment n.e.c.	1107325	1780157	6942334	7347548	1839170
20	29	Manufacture of motor vehicles, trailers and semi-trailers	840749	737253	5090414	6482455	640955
21	30	Mfr. Of Other Transport equipment	87807	83453	486874	535740	131553
22	31	Manufacture of furniture	140958	231494	1000520	981521	396099
23	32	Other manufacturing	712371	1927853	5478539	5929635	1833606
24	33	Repair and installation of machinery and equipment	743323	1444209	1645826	-7298	1979405
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	3415896	71009970	75509586	86261	85024285
26	52	Warehousing and support activities for transportation	30521	1377186	1450479	0	1757831
27	58	Publishing activities	65614	107481	271264	189797	161472
28	95	Repair of computers and personal and household goods	333963	8162309	8590672	1393	10378671
29	96	Other personal service activities	21129	21997	84031	-17	123120
30		Others	278737	785344	1134049	469823	2111943
		Totals	27927203	185356970	563661135	453150379	198521392

Annual Survey of Industries 2015-16
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Value in Rs.000

S.No	Ind Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
1	10	Mfr. Of Food Products	310702917	1032862	14912212	928627	6073513
2	11	Manufacture of beverages	650383	32500	329332	10908	909
3	12	Manufacture of tobacco products	13476060	91004	2948915	83557	214420
4	13	Manufacture of textiles	8813788	174850	2443984	49262	189680
5	14	Manufacture of wearing apparel	54870024	708008	17246904	654625	1211825
6	15	Manufacture of leather and related products	16350210	255921	2325847	92856	514714
7	16	Manufacture of wood and products of wood and cork, except furniture;	1487883	10902	561827	36207	24411
8	17	Manufacture of paper and paper products	3037637	90027	783936	105668	65182
9	18	Printing and reproduction of recorded media	12770241	594790	3021638	164066	396642
10	19	Manufacture of coke and refined petroleum products	309593	2513	46494	0	16
11	20	Manufacture of chemicals and chemical products	12330720	216093	2087018	78687	828838
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	3530008	74417	1044469	16916	71845
13	22	Manufacture of rubber and plastics products	13463717	244203	2637263	55056	406856
14	23	Manufacture of other non-metallic mineral products	1620676	59119	-556203	29691	30071
15	24	Manufacture of basic metals	14987067	82286	2928129	11292	414497
16	25	Manufacture of fabricated metal products, except machinery and equipment	17341187	267924	2470815	80932	354189
17	26	Manufacture of computer, electronic and optical products	14448801	201996	3961523	114739	279974
18	27	Manufacture of electrical equipment	23085889	355141	3611594	126219	605044
19	28	Manufacture of machinery and equipment n.e.c.	9186718	170502	2073882	49744	221454
20	29	Manufacture of motor vehicles, trailers and semi-trailers	7123410	158069	1874927	50809	151038
21	30	Mfr. Of Other Transport equipment	667293	20177	160242	1050	33437
22	31	Manufacture of furniture	1377620	25028	352072	21354	23782
23	32	Other manufacturing	7763240	135296	2149406	96990	84286
24	33	Repair and installation of machinery and equipment	1972107	89211	237071	55877	379110
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	85110547	758284	8842676	1166528	1591879
26	52	Warehousing and support activities for transportation	1757831	6902	300450	94	35197
27	58	Publishing activities	351270	23510	56496	5845	16115
28	95	Repair of computers and personal and household goods	10380064	101617	1687775	121705	95428
28	96	Other personal service activities	123103	3642	35429	3929	2820
30		Others	2581765	482339	965378	1598	320198
		Totals	651671770	6469135	81541501	4214830	14637368

Annual Survey of Industries 2015-16
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Value in Rs. 000

S.No	Ind Group	Description	Net Income	Factor Payment	Fuel Consumed	Material Consumed
1	10	Mfr. Of Food Products	8425015	7002140	3111843	233078054
2	11	Manufacture of beverages	317725	11817	41259	193885
3	12	Manufacture of tobacco products	2678229	297976	111725	8034642
4	13	Manufacture of textiles	2273581	238942	326739	4450210
5	14	Manufacture of wearing apparel	16078374	1866450	917448	23587880
6	15	Manufacture of leather and related products	1864641	607571	756274	10644341
7	16	Manufacture of wood and products of wood and cork, except furniture;	505286	60617	12229	481170
8	17	Manufacture of paper and paper products	628200	170850	115337	1507511
9	18	Printing and reproduction of recorded media	2587319	560708	512957	6765372
10	19	Manufacture of coke and refined petroleum products	46696	16	5500	242703
11	20	Manufacture of chemicals and chemical products	1218685	907525	293368	8022283
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	969212	88760	86664	1735307
13	22	Manufacture of rubber and plastics products	2229607	461912	719086	8342354
14	23	Manufacture of other non-metallic mineral products	-610084	59762	73025	357574
15	24	Manufacture of basic metals	2544440	425788	1113186	7793038
16	25	Manufacture of fabricated metal products, except machinery and equipment	2107047	435121	962221	11489937
17	26	Manufacture of computer, electronic and optical products	3700386	394714	154441	6587868
18	27	Manufacture of electrical equipment	2972186	731263	475039	15185815
19	28	Manufacture of machinery and equipment n.e.c.	1889599	271197	217818	4944358
20	29	Manufacture of motor vehicles, trailers and semi-trailers	1694181	201848	285801	4067360
21	30	Mfr. Of Other Transport equipment	131958	34487	60789	342632
22	31	Manufacture of furniture	323404	45135	29786	739240
23	32	Other manufacturing	2020983	181276	143462	3407223
24	33	Repair and installation of machinery and equipment	-142903	434986	100134	101482
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	6237021	2758407	860847	3638769
26	52	Warehousing and support activities for transportation	269115	35291	70499	2794
27	58	Publishing activities	90074	21960	22654	141128
28	95	Repair of computers and personal and household goods	1472184	217133	25162	403201
28	96	Other personal service activities	29817	6749	10777	51257
30		Others	644534	321796	278564	70141
		Totals	65196514	18852198	11894634	366409531

Annual survey of industry 2015-16
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Value in Rs. 000

S.No	Ind. Group	Description	No. of factories	Fixed Capital	Physical working capital	Invested Capital	Working capital
1	103	Processing and preserving of fruit and vegetables	10	425418	1169110	1594528	861352
2	105	Manufacture of dairy products	3	599784	6175536	6775320	212732
3	106	Manufacture of grain mill products, starches and starch products	65	7734811	44545550	52280361	35757668
4	107	Manufacture of other food products	65	3391219	1687316	5078535	5577572
5	110	Manufacture of beverages	3	55058	14235	69292	-15763
6	120	Manufacture of tobacco products	23	416144	818961	1235105	1742125
7	131	Spinning, weaving and finishing of textiles	17	2590447	107644	2698091	54696
8	139	Manufacture of other textiles	98	1032417	808353	1840770	1896462
9	141	Manufacture of wearing apparel, except fur apparel	322	13826647	9382992	23209639	6065653
10	143	Manufacture of knitted and crocheted apparel	5	72953	75667	148620	70544
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	15	277890	414577	692467	403380
12	152	Manufacture of footwear	140	1461836	2615749	4077585	2050496
13	162	Manufacture of products of wood, cork, straw and plaiting materials	11	110301	187349	297649	213261
14	170	Manufacture of paper and paper products	53	662541	532579	1195120	1261263
15	181	Printing and service activities related to printing	243	4308495	1763945	6072441	1793676
16	192	Manufacture of refined petroleum products	3	14791	18213	33004	91019
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	15	248053	302385	550438	710318
18	202	Manufacture of other chemical products	43	1666678	4012983	5679662	5704814
19	203	Manufacture of man-made fibres	3	279189	378997	658187	56635
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	30	542850	618377	1161227	317462
21	221	Manufacture of rubber products	27	86836	104574	191410	156408
22	222	Manufacture of plastics products	139	1813822	1422456	3236278	45503
23	231	Manufacture of glass and glass products	8	293370	75028	368398	248502
24	239	Manufacture of non-metallic mineral products n.e.c.	7	249528	48193	297721	189764
25	241	Manufacture of basic iron and steel	83	263620	914581	1178201	909717
26	242	Manufacture of basic precious and other non-ferrous metals	28	317664	509235	826898	1201029
27	243	Casting of metals	13	74031	158674	232705	189454
28	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	33	142750	257861	400611	437487

S.No	Industry Group	Description	No. of factories	Fixed Capital	Physical working capital	Invested Capital	Working capital
29	259	Manufacture of other fabricated metal products; metalworking service activities	263	2456738	2574500	5031238	3017871
30	261	Manufacture of electronic components	35	805322	553326	1358649	548823
31	263	Manufacture of communication equipment	9	82648	580071	662718	586490
32	264	Manufacture of consumer electronics	43	497831	811069	1308900	1386790
33	265	Manufacture of measuring, testing, navigating and control equipment; watches and clocks	15	464004	751009	1215014	731296
34	267	Manufacture of optical instruments and equipment	6	30685	59411	90095	146653
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	92	744575	1308088	2052662	2382382
36	272	Manufacture of batteries and accumulators	3	15619	22525	38144	23924
37	273	Manufacture of wiring and wiring devices	69	615199	1426680	2041879	2783377
38	274	Manufacture of electric lighting equipment	22	167017	169008	336025	188654
39	275	Manufacture of domestic appliances	32	632222	767662	1399884	1210127
40	279	Manufacture of other electrical equipment	37	670935	748206	1419141	929063
41	281	Manufacture of general purpose machinery	98	1014264	1038077	2052342	1426799
42	282	Manufacture of special-purpose machinery	96	479646	936245	1415891	698725
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	15	217892	319262	537154	316014
44	293	Manufacture of parts and accessories for motor vehicles	84	1060374	1069141	2129515	1020703
45	309	Manufacture of Transport Equipment n.e.c.	30	227364	92457	319820	142569
46	310	Manufacture of Furniture	28	191967	211675	403642	168216
47	321	Manufacture of jewellery, bijouterie and related articles	6	94161	200060	294222	623758
48	323	Manufacture of sports goods	4	16549	11521	28070	12507
49	324	Manufacture of games and toys	4	19777	34832	54609	39086
50	325	Manufacture of medical and dental instruments and supplies	13	493638	288628	782266	1532747
51	329	Other manufacturing n.e.c.	38	322692	439400	762092	506978
52	331	Repair of fabricated metal products, machinery and equipment	12	816446	1110543	1926989	-1194031
53	452	Maintenance and repair of motor vehicles	239	7048725	10972185	18020911	3492721
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	12	227511	331451	558962	215878
55	521	Warehousing and storage	11	544523	0	544523	59472
56	581	Publishing of books, periodicals and other publishing activities	9	377977	38926	416903	188873
57	951	Repair of computers and communication equipment	6	397165	988990	1386155	1103653
58	952	Repair of personal and household goods	8	126319	119305	245624	245961
59	960	Other personal service activities	6	24527	4330	28857	9267
60		Others	5	5380310	96199	5476509	-1484964
		Total.	2852	69223763	107195903	176419666	91263611

Annual survey of industry 2015-16
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Value in Rs. 000

S.No	Ind. Group	Description	Outstanding Loans	Mandyas Employee	Employees	Workers	Wages to Workers
1	103	Processing and preserving of fruit and vegetables	87616	565	1835	1193	273524
2	105	Manufacture of dairy products	25990	186	518	269	135814
3	106	Manufacture of grain mill products, starches and starch products	8629875	951	3156	1638	214074
4	107	Manufacture of other food products	1626579	2482	7931	4571	998617
5	110	Manufacture of beverages	8593	114	382	258	45177
6	120	Manufacture of tobacco products	713267	415	1364	1030	137245
7	131	Spinning, weaving and finishing of textiles	1816247	160	535	432	49719
8	139	Manufacture of other textiles	978566	813	2726	1655	212204
9	141	Manufacture of wearing apparel, except fur apparel	4691349	7465	24613	17883	2330904
10	143	Manufacture of knitted and crocheted apparel	121785	39	132	106	14275
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddler and harness; dressing and dyeing of fur.	130451	168	559	440	58516
12	152	Manufacture of footwear	1953420	1254	4174	3062	368388
13	162	Manufacture of products of wood, cork, straw and plaiting materials	61502	122	401	193	30211
14	170	Manufacture of paper and paper products	771002	372	1267	766	95054
15	181	Printing and service activities related to printing	3936994	1683	5694	3847	621733
16	192	Manufacture of refined petroleum products	3181	13	45	29	4492
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms.	476507	103	349	238	29136
18	202	Manufacture of other chemical products	1301606	471	1571	1073	138432
19	203	Manufacture of man-made fibres	323923	22	73	42	5043
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	342186	554	1849	915	124467
21	221	Manufacture of rubber products	100764	124	434	287	37526
22	222	Manufacture of plastics products	2430383	967	3258	2229	320524
23	231	Manufacture of glass and glass products	70887	67	220	139	17397
24	239	Manufacture of non-metallic mineral products n.e.c.	339053	69	233	200	34481
25	241	Manufacture of basic iron and steel	652747	279	983	711	82111
26	242	Manufacture of basic precious and other non-ferrous metals	460437	91	314	185	25022
27	243	Casting of metals	123107	83	283	221	25620
28	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	143197	207	697	469	65587
29	259	Manufacture of other fabricated metal products; metalworking service activities	2549283	1963	6600	5033	677229

S.No	Ind. Group	Description	Outstanding Loans	Mandyas Employee	Employees	Workers	Wages to Workers
30	261	Manufacture of electronic components	1143766	308	1083	749	112747
31	263	Manufacture of communication equipment	134671	160	603	372	40898
32	264	Manufacture of consumer electronics	240245	303	1029	646	80267
33	265	Manufacture of measuring, testing, navigating and control equipment; watches and clocks	710644	321	1130	331	60573
34	267	Manufacture of optical instrument and equipments	21104	25	84	56	7776
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	865201	942	3167	1880	258072
36	272	Manufacture of batteries and accumulators	23527	19	63	35	11275
37	273	Manufacture of wiring and wiring devices	1151764	398	1326	877	97675
38	274	Manufacture of electric lighting equipment	148024	146	488	315	42969
39	275	Manufacture of domestic appliances	432308	313	979	651	94803
40	279	Manufacture of other electrical equipment	362671	351	1247	981	131057
41	281	Manufacture of general purpose machinery	830138	734	2485	1421	238316
42	282	Manufacture of special-purpose machinery	510150	574	1921	1354	197062
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	364046	149	496	345	45444
44	293	Manufacture of parts and accessories for motor vehicles	738223	1033	3446	2527	336193
45	309	Mfr of Transport Equipment n.e.c.	251420	130	447	328	46775
46	310	Mfr of Furniture	207540	197	659	403	53239
47	321	Manufacture of jewellery, bijouterie and related articles	7867	112	375	240	29096
48	323	Manufacture of sports goods	6755	13	44	32	3939
49	324	Manufacture of games and toys	20714	18	58	31	3404
50	325	Manufacture of medical and dental instruments and supplies	203847	346	1147	808	120598
51	329	Other manufacturing n.e.c.	358426	304	1022	727	96153
52	331	Repair of fabricated metal products, machinery and equipment	1277286	574	1873	416	159447
53	452	Maintenance and repair of motor vehicles	5756655	3917	12826	7418	1148398
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	699103	143	478	255	32670
55	521	Warehousing and storage	152844	32	111	72	11756
56	581	Publishing of books, periodicals and other publishing activities	191863	102	332	176	24698
57	951	Repair of computers and communication equipment	162634	257	862	639	134793
58	952	Repair of personal and household goods	0	92	308	212	49973
59	960	Other personal service activities	17038	43	142	78	10479
60		Others	5509738	429	1359	1259	209574
		Total	57370708	34289	113782	74747	11062642

Annual survey of industry 2015-16
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

							Value in Rs.000
S.No	Industry Group	Description	Total emoluments	Other inputs	Total Inputs	Products	Other Output
1	103	Processing and preserving of fruit and vegetables.	762785	5020937	12991828	10619618	3443172
2	105	Manufacture of dairy products.	375697	37980235	50277903	11259999	42133320
3	106	Manufacture of grain mill products, starches and starch products	820742	12700811	212861097	207348855	12970047
4	107	Manufacture of other food products	2968230	2865962	18627014	21381401	1546504
5	110	Manufacture of beverages	85826	53407	288550	648021	2361
6	120	Manufacture of tobacco products	428769	2289775	10436142	13286086	189975
7	131	Spinning, weaving and finishing of textiles	113317	112916	720987	724118	224981
8	139	Manufacture of other textiles	531447	1305090	5473967	5551732	2312957
9	141	Manufacture of wearing apparel, except fur apparel	5349073	12336776	36577145	49850658	4624568
10	143	Manufacture of knitted and crocheted apparel	24984	73006	337966	336171	58626
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur.	138251	419050	1412045	1567225	135281
12	152	Manufacture of footwear	781563	1948777	12356397	13689798	957907
13	162	Manufacture of products of wood, cork, straw and plaiting materials.	119603	421755	915154	602249	885634
14	170	Manufacture of paper and paper products	333583	540826	2163674	2011007	1026630
15	181	Printing and service activities related to printing	1222318	1875483	9153812	8979596	3790645
16	192	Manufacture of refined petroleum products	8950	12383	260586	307259	2333
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	93218	340271	2783538	2810436	282144
18	202	Manufacture of other chemical products	451610	979204	5988126	6130310	1682332
19	203	Manufacture of man-made fibres	15529	392484	1255945	1052121	373378
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	408263	589152	2411122	3035600	494408
21	221	Manufacture of rubber products	61090	104233	692299	751514	78912
22	222	Manufacture of plastics products	735029	1416578	9889952	11659479	973813
23	231	Manufacture of glass and glass products	44272	1628482	1944621	343181	977050
24	239	Manufacture of non-metallic mineral products n.e.c.	46579	58679	173139	150993	149453
25	241	Manufacture of basic iron and steel	132343	2259722	5967618	5872953	2535485
26	242	Manufacture of basic precious and other non-ferrous metals	58347	480947	5005775	4931909	525721
27	243	Casting of metals	44041	329759	1003259	755210	365790
28	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	133800	83931	744343	923662	67062
29	259	Manufacture of other fabricated metal products; metalworking service activities	1153083	2066359	13858105	14523605	1826859

S.No	Industry Group	Description	Total emoluments	Other inputs	Total Inputs	Products	Other Output
30	261	Manufacture of electronic components	242450	315279	2296902	2632350	384240
31	263	Manufacture of communication equipment	94628	614748	1842682	1640839	444020
32	264	Manufacture of consumer electronics	233066	983689	3839874	4352958	1061717
33	265	Manufacture of measuring, testing, navigating and control equipment; watches and clock	555470	1540531	2118375	1252386	2428313
34	267	Manufacture of optical instruments and equipment	16629	88726	187449	164335	87643
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	701235	1973182	5888063	5021485	2238441
36	272	Manufacture of batteries and accumulators	17475	9449	158533	184795	6385
37	273	Manufacture of wiring and wiring devices	256981	778402	6775695	7501291	584238
38	274	Manufacture of electric lighting equipment	109154	76769	869385	1034628	20889
39	275	Manufacture of domestic appliances	241447	432520	2450364	2640135	228441
40	279	Manufacture of other electrical equipment	237934	187978	2977115	3603552	21608
41	281	Manufacture of general purpose machinery	707425	1355130	3776609	3575084	1772680
42	282	Manufacture of special-purpose machinery	399900	425027	3165725	3772464	66490
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	111323	76302	1002356	1198424	45969
44	293	Manufacture of parts and accessories for motor vehicles	729426	660951	4088058	5284031	594986
45	309	Mfr of Transport Equipment n.e.c.	87807	83453	486874	535704	131553
46	310	Mfr of Furniture	140958	231494	1000520	981521	396099
47	321	Manufacture of jewellery, bijouterie and related articles	94660	100985	955998	956824	256545
48	323	Manufacture of sports goods	6201	6778	84773	102571	-4769
49	324	Manufacture of games and toys	16281	64537	184644	164379	89693
50	325	Manufacture of medical and dental instruments and supplies	369412	1542503	2154556	2192853	1394777
51	329	Other manufacturing n.e.c.	225817	213051	2098568	2513008	97359
52	331	Repair of fabricated metal products, machinery and equipment	743323	1444209	1645826	-7298	1979405
53	452	Maintenance and repair of motor vehicles	3330527	68806955	73277706	86261	82401823
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	85369	2203015	2231879	0	2622463
55	521	Warehousing and storage	30521	1377186	1450479	0	1757831
56	581	Publishing of books, periodicals and other publishing activities	65614	107481	271264	189797	161472
57	951	Repair of computers and communication equipment	226826	6992187	7362765	1393	9044216
58	952	Repair of personal and household goods	107137	1170123	1227907	0	1334455
59	960	Other personal service activities	21129	21997	84031	-17	123120
60		Others	278737	785344	1134049	469823	2111943
		Total	27927203	185356969	563661134	453150342	198521392

Annual survey of industry 2015-16
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Value in Rs.000

S.No	Industry Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
1	103	Processing and preserving of fruit and vegetables.	14062790	92887	978076	111250	8884
2	105	Manufacture of dairy products.	53393319	92449	3022967	172681	16157
3	106	Manufacture of grain mill products, starches and starch products	220318901	501448	6956356	134097	5818926
4	107	Manufacture of other food products	22927906	346078	3954813	510598	229546
5	110	Manufacture of beverages	650383	32500	329332	10908	909
6	120	Manufacture of tobacco products	13476060	91004	2948915	83557	214420
7	131	Spinning, weaving and finishing of textiles	949099	32665	195447	3820	21731
8	139	Manufacture of other textiles	7864689	142185	2248536	45442	167949
9	141	Manufacture of wearing apparel, except fur apparel	54475226	703537	17194544	652062	1203093
10	143	Manufacture of knitted and crocheted apparel	394798	4471	52361	2563	8732
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1702506	18895	271565	6016	26592
12	152	Manufacture of footwear	14647705	237026	2054282	86841	488123
13	162	Manufacture of products of wood, cork, straw and plaiting materials.	1487883	10902	561827	36207	24411
14	170	Manufacture of paper and paper products	3037637	90027	783936	105668	65182
15	181	Printing and service activities related to printing	12770241	594790	3021638	164066	396642
16	192	Manufacture of refined petroleum products	309593	2513	46494	0	16
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	3092580	34327	274714	13830	61553
18	202	Manufacture of other chemical products	7812642	139945	1684570	62843	716764
19	203	Manufacture of man-made fibres	1425498	41820	127733	2014	50521
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	3530008	74417	1044469	16916	71845
21	221	Manufacture of rubber products	830426	12578	125548	3030	12373
22	222	Manufacture of plastics products	12633292	231625	2511715	52026	394483
23	231	Manufacture of glass and glass products	1320231	37263	-661653	27972	17097
24	239	Manufacture of non-metallic mineral products n.e.c.	300446	21856	105450	1719	12974
25	241	Manufacture of basic iron and steel	8408437	49379	2391441	5036	164751
26	242	Manufacture of basic precious and other non-ferrous metals	5457630	25861	425994	2611	238374
27	243	Casting of metals	1121000	7047	110694	3645	11372
28	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	990724	24440	221940	4091	19278
29	259	Manufacture of other fabricated metal products; metalworking service activities	16350464	243484	2248875	76841	334911

S.No	Industry Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
30	261	Manufacture of electronic components	3016589	79983	639704	25620	109161
31	263	Manufacture of communication equipment	2084859	20093	222084	19675	14030
32	264	Manufacture of consumer electronics	5414675	46990	1527812	3696	12838
33	265	Manufacture of measuring, testing, navigating and control equipment; watches and clock	3680699	51066	1511259	28965	142256
34	267	Manufacture of optical instruments and equipment	251977	3864	60664	36783	1689
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	7259927	92910	1278953	46515	206181
36	272	Manufacture of batteries and accumulators	191179	2193	30453	2746	3511
37	273	Manufacture of wiring and wiring devices	8085530	86146	1223689	25567	220430
38	274	Manufacture of electric lighting equipment	1055517	14098	172034	6707	18029
39	275	Manufacture of domestic appliances	2868576	69708	348504	26530	78270
40	279	Manufacture of other electrical equipment	3625160	90085	557960	18155	78623
41	281	Manufacture of general purpose machinery	5347764	89509	1481646	31445	128912
42	282	Manufacture of special-purpose machinery	3838954	80993	592236	18299	92541
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers.	1244394	17801	224237	14129	36470
44	293	Manufacture of parts and accessories for motor vehicles	5879016	140268	1650690	36680	114568
45	309	Mfr of Transport Equipment n.e.c.	667293	20177	160242	1050	33437
46	310	Mfr of Furniture	1377620	25028	352072	21354	23782
47	321	Manufacture of jewellery, bijouterie and related articles	1213369	14358	243013	5629	5618
48	323	Manufacture of sports goods	97802	1537	11492	527	2157
49	324	Manufacture of games and toys	254073	4879	64550	2214	3155
50	325	Manufacture of medical and dental instruments and supplies	3587631	74053	1359022	70977	18212
51	329	Other manufacturing n.e.c.	2610367	40469	471330	17643	55145
52	331	Repair of fabricated metal products, machinery and equipment	1972107	89211	237071	55877	379110
53	452	Maintenance and repair of motor vehicles	82488084	748172	8462206	1145625	1536183
54	454	Sale, maintenance and repair of motorcycles and related parts and accrssories.	2622463	10113	380471	20903	55696
55	521	Warehousing and storage	1757831	6902	300450	94	35197
56	581	Publishing of books, periodicals and other publishing activities	351270	23510	56496	5845	16115
57	951	Repair of computers and communication equipment	9045609	85648	1597195	76714	95390
58	952	Repair of personal and household goods	1334455	15969	90579	44991	38
59	960	Other personal service activities	123103	3642	35429	3929	2820
60		Others	2581765	482339	965378	1598	320198
		Total	651671770	6469136	81541501	4214830	14637369

Annual survey of industry 2015-16: Important characteristics
Table III By major Industry Group
(3 Digits of NIC 2008)

Value in Rs. 000

S.No	Industry Group	Description	Net Income	Factor Payment	Fuel consumed	materials consumed
1	103	Processing and preserving of fruit and vegetables.	883479	120134	344110	7626780
2	105	Manufacture of dairy products.	2837905	188838	152961	12144707
3	106	Manufacture of grain mill products, starches and starch products	1192805	5953023	1681203	198479083
4	107	Manufacture of other food products	3510826	740144	933569	14827484
5	110	Manufacture of beverages	317725	11817	41259	193885
6	120	Manufacture of tobacco products	2678229	297976	111725	8034642
7	131	Spinning, weaving and finishing of textiles	186675	25551	73274	534797
8	139	Manufacture of other textiles	2086906	213391	253465	3915413
9	141	Manufacture of wearing apparel, except fur apparel	16037210	1855156	905965	23334404
10	143	Manufacture of knitted and crocheted apparel	41165	11295	11483	253476
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur.	259653	32607	27090	965905
12	152	Manufacture of footwear	1604988	574964	729184	9678436
13	162	Manufacture of products of wood, cork, straw and plaiting materials.	505286	60617	12229	481170
14	170	Manufacture of paper and paper products	628200	170850	115337	1507511
15	181	Printing and service activities related to printing	2587319	560708	512957	6765372
16	192	Manufacture of refined petroleum products	46696	16	5500	242703
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	225411	75383	121909	2321358
18	202	Manufacture of other chemical products	916091	779607	88800	4920123
19	203	Manufacture of man-made fibres	77183	52535	82658	780803
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	969212	88760	86664	1735307
21	221	Manufacture of rubber products	124314	15402	56182	531883
22	222	Manufacture of plastics products	2105293	446510	662904	7810470
23	231	Manufacture of glass and glass products	-705010	45069	40948	275191
24	239	Manufacture of non-metallic mineral products n.e.c.	94925	14693	32077	82383
25	241	Manufacture of basic iron and steel	2229549	169787	859906	2847990
26	242	Manufacture of basic precious and other non-ferrous metals	216995	240985	137906	4386922
27	243	Casting of metals	97896	15017	115374	558126
28	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	211951	23368	29381	631030
29	259	Manufacture of other fabricated metal products; metalworking service activities.	1895096	411752	932839	10858907
30	261	Manufacture of electronic components	530069	134781	78133	1903490

S.No	Industry Group	Description	Net Income	Factor Payment	Fuel consumed	materials consumed
31	263	Manufacture of communication equipment	192471	33705	8304	1219631
32	264	Manufacture of consumer electronics	1603301	16534	31843	2824342
33	265	Manufacture of measuring, testing, navigating and control equipment; watches and clock	1348246	171222	27309	550535
34	267	Manufacture of optical instruments and equipment	26299	38472	8853	89869
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus.	1062402	252696	146190	3768691
36	272	Manufacture of batteries and accumulators	24356	6256	14658	134426
37	273	Manufacture of wiring and wiring devices	1012796	245997	134485	5862809
38	274	Manufacture of electric lighting equipment	151412	24736	21685	770930
39	275	Manufacture of domestic appliances	246785	104800	74612	1943232
40	279	Manufacture of other electrical equipment	474435	96777	83409	2705727
41	281	Manufacture of general purpose machinery	1377633	160357	91851	2329628
42	282	Manufacture of special-purpose machinery	511966	110840	125967	2614731
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers.	183970	50599	65543	860511
44	293	Manufacture of parts and accessories for motor vehicles	1510211	151249	220258	3206849
45	309	Mfr of Transport Equipment n.e.c.	131959	34487	60789	342632
46	310	Mfr of Furniture	323404	45135	29786	739240
47	321	Manufacture of jewellery, bijouterie and related articles	261027	11247	13702	841312
48	323	Manufacture of sports goods	10845	2684	3021	74974
49	324	Manufacture of games and toys	59301	5369	4440	115667
50	325	Manufacture of medical and dental instruments and supplies	1281111	89188	59103	552950
51	329	Other manufacturing n.e.c.	408698	72788	63197	1822320
52	331	Repair of fabricated metal products, machinery and equipment	-142903	434986	100134	101482
53	452	Maintenance and repair of motor vehicles	5931502	2681808	847149	3623602
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories.	305519	76599	13698	15166
55	521	Warehousing and storage	269115	35291	70499	2794
56	581	Publishing of books, periodicals and other publishing activities	90074	21960	22654	141128
57	951	Repair of computers and communication equipment	1426535	172105	15760	354819
58	952	Repair of personal and household goods	45649	45029	9403	48381
59	960	Other personal service activities	29817	6749	10777	51257
60		Others	644534	321795	278564	70142
		Total	65196512	18852196	11894635	366409528

Annual survey of industry 2015-16										
Table IV: Important characteristics By Employment Range										
(3 Digits of NIC 2008)										
									Values in Rs.000	
S.No	Emp range	Factories covered	Fixed capital	Productive capital	Mandays employees	Emoluments	Input	Output	Depreciation	Value added
1	0--4	121	7296	17155	40	254	4997	6026	614	414
2	5--9	154	5381	14187	230	1421	28470	30489	576	1442
3	10--19	354	18059	46459	975	6086	131072	152140	2066	19001
4	20--49	799	89785	162529	3794	27540	521655	607792	9648	76489
5	50-99	735	123132	308060	6873	51639	1560194	1737708	14901	162613
6	100-199	390	120515	277472	6736	57686	1064350	1225000	12662	147988
7	200-299	151	140715	190043	4073	32347	369260	473369	5907	98203
8	300-399	64	91101	179365	3103	24000	260675	335296	5444	69177
9	400-499	20	16136	21061	1283	12748	540246	592880	2705	49930
10	500	64	80118	388541	7181	65551	1155692	1356018	10168	190159
		2852	692238	1604874	34289	279272	5636611	6516718	64691	815415

Annual survey of industry 2015-16
Table V Distribution of Workers and employees by major industry groups
(2 Digits of NIC 2008)

Value in Rs.000

S.No	Ind Grp	Description	No. of factories	Employees	Mandays employees	Workers	Wages to employee	Total emoluments	Workers per unit	Employee per unit	Emolument per employee
1	10	Mfr. of Food Products	143	13440	4184	7671	16220	4927453	54	94	366640
2	11	Manufacture of beverages	3	382	114	258	452	85826	86	127	224675
3	12	Manufacture of tobacco products	23	1364	415	1030	1372	428769	45	59	314347
4	13	Manufacture of textiles	114	3260	972	2087	2619	644764	18	29	197765
5	14	Manufacture of wearing apparel	327	24745	7504	17989	23452	5374057	55	76	217176
6	15	Manufacture of leather and related products	155	4733	1422	3502	4269	919814	23	31	194341
7	16	Manufacture of wood and products of wood and cork, except furniture;	11	401	122	193	302	119603	18	36	298262
8	17	Manufacture of paper and paper products	53	1267	372	766	951	333583	15	24	263390
9	18	Printing and reproduction of recorded media	243	5694	1683	3847	6217	1222318	16	23	214658
10	19	Manufacture of coke and refined petroleum products	3	45	13	29	45	8950	10	15	198885
11	20	Manufacture of chemicals and chemical products	60	1992	597	1353	1726	560356	23	33	281268
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	30	1849	554	915	1245	408263	31	63	220862
13	22	Manufacture of rubber and plastics products	166	3692	1091	2516	3581	796119	15	22	215629
14	23	Manufacture of other non-metallic mineral products	15	453	136	339	519	90851	23	30	200554
15	24	Manufacture of basic metals	124	1580	453	1117	1328	234731	9	13	148600
16	25	Manufacture of fabricated metal products, except machinery and equipment	296	7297	2170	5502	7428	1286883	19	25	176361
17	26	Manufacture of computer, electronic and optical products	109	3929	1118	2154	3023	1142244	20	36	290703
18	27	Manufacture of electrical equipment	254	7270	2170	4739	6359	1564225	19	29	215174
19	28	Manufacture of machinery and equipment n.e.c.	195	4406	1308	2775	4354	1107325	14	23	251336
20	29	Manufacture of motor vehicles, trailers and semi-trailers	100	3942	1182	2872	3816	840749	29	40	213260

S.No	Ind Grp	Description	No. of factories	Employees	Mandays employees	Workers	Wages to employee	Total emoluments	Workers per unit	Employee per unit	Emolument per employee
21	30	Mfr. Of Other Transport equipment	30	447	130	328	468	87807	11	15	196437
22	31	Manufacture of furniture	28	659	197	403	532	140958	14	23	213844
23	32	Other manufacturing	65	2646	792	1838	2532	712371	28	41	269277
24	33	Repair and installation of machinery and equipment	12	1873	574	416	1594	743323	35	156	396862
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	251	13304	4060	7673	11811	3415896	31	53	0
26	52	Warehousing and support activities for transportation	11	111	32	72	118	30521	7	11	275588
27	58	Publishing activities	9	332	102	176	247	65614	20	37	197633
28	95	Repair of computers and personal and household goods	14	1170	349	851	1848	333963	61	84	285438
29	96	Other personal service activities	6	142	43	78	105	21129	13	24	148799
30		Others	5	1359	429	1259	2096	278737	252	272	205104
		Total	2852	113782	34289	74747	110626	27927203	26	40	245445

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Table VI: Principal Characteristics by year of initial Production

Value in Rs. Lakh

S.No	year	Factories Covered	Fixed capital	Productive Capital	Employees(No.)	Emoluments	Total input	Total Output	Depreciation	Value Added
1	upto 1950	46	50826	71161	2195	9647	78304	110479	2085	30089
2	1951-1960	104	6957	18478	2711	5734	65868	56840	1159	-10187
3	1961-1970	179	16114	91848	3778	11577	99376	138305	1681	37248
4	1971-1980	400	123338	176485	12138	32155	737514	931120	5800	187807
5	1981-1990	533	104541	260931	22794	56823	735193	856149	11033	109923
6	1991-2000	574	150865	573189	24373	59526	2113288	2308180	14343	180549
7	2001-2010	799	139420	290913	33987	75200	1373627	1599233	16268	209338
8	2011 & onwards	218	100176	121869	11807	28610	433441	516411	12321	70649
		2852	692238	1604874	113782	279272	5636611	6516718	64691	880106

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TableVII : Important Structural By major Industry Group
(2 Digits of NIC 2008)

S.No	Industry Group	Description	No. of factories	Invested capital to Fixed	Input Output ratio	Value added Output	Fixed capital Output	Invested capital Output
1	10	Mfr. Of Food Products	143	5.41	0.95	0.05	0.04	0.21
2	11	Manufacture of beverages	3	1.26	0.44	0.51	0.08	0.11
3	12	Manufacture of tobacco products	23	2.97	0.77	0.22	0.03	0.09
4	13	Manufacture of textiles	114	1.25	0.70	0.28	0.41	0.51
5	14	Manufacture of wearing apparel	327	1.68	0.67	0.31	0.25	0.43
6	15	Manufacture of leather and related products	155	2.74	0.84	0.14	0.11	0.29
7	16	Manufacture of wood and products of wood and cork, except furniture;	11	2.70	0.62	0.38	0.07	0.20
8	17	Manufacture of paper and paper products	53	1.80	0.71	0.26	0.22	0.39
9	18	Printing and reproduction of recorded media	243	1.41	0.72	0.24	0.34	0.48
10	19	Manufacture of coke and refined petroleum products	3	2.23	0.84	0.15	0.05	0.11
11	20	Manufacture of chemicals and chemical products	60	3.14	0.81	0.17	0.18	0.56
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	30	2.14	0.68	0.30	0.15	0.33
13	22	Manufacture of rubber and plastics products	166	1.80	0.79	0.20	0.14	0.25
14	23	Manufacture of other non-metallic mineral products	15	1.23	1.31	-0.34	0.33	0.41
15	24	Manufacture of basic metals	124	3.41	0.80	0.20	0.04	0.15
16	25	Manufacture of fabricated metal products, except machinery and equipment	296	2.09	0.84	0.14	0.15	0.31
17	26	Manufacture of computer, electronic and optical products	109	2.46	0.71	0.27	0.13	0.32
18	27	Manufacture of electrical equipment	254	2.56	0.83	0.16	0.12	0.32
19	28	Manufacture of machinery and equipment n.e.c.	195	2.32	0.76	0.23	0.16	0.38
20	29	Manufacture of motor vehicles, trailers and semi-trailers	100	2.09	0.71	0.26	0.18	0.37
21	30	Mfr. Of Other Transport equipment	30	1.41	0.73	0.24	0.34	0.48
22	31	Manufacture of furniture	28	2.10	0.73	0.26	0.14	0.29
23	32	Other manufacturing	65	2.03	0.71	0.28	0.12	0.25
24	33	Repair and installation of machinery and equipment	12	2.36	0.83	0.12	0.41	0.98
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	251	2.55	0.89	0.10	0.09	0.22
26	52	Warehousing and support activities for transportation	11	1.00	0.83	0.17	0.31	0.31
27	58	Publishing activities	9	1.10	0.77	0.16	1.08	1.19
28	95	Repair of computers and personal and household goods	14	3	1	0	0	0
29	96	Other personal service activities	6	1.18	0.68	0.29	0.20	0.23
30		Others	5	1.02	0.44	0.37	2.08	2.12
Total			2852	2.55	0.86	0.13	0.11	0.27

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TableVIII : Important Structural ratio according to major Industry Group
(2 Digits of NIC 2008)

S.No	Industry Group	Description	Emoluments per employee	Output per workers	Input per workers	Value added per worker	Invested capital per worker	Wages per worker
1	10	Mfr. Of Food Products	366640	40503574	38424957	1943972	8568471	211450
2	11	Manufacture of beverages	224675	2520864	1118412	1276481	268575	175105
3	12	Manufacture of tobacco products	314347	13083554	10132176	2863024	1199131	133248
4	13	Manufacture of textiles	197765	4223692	2968709	1171191	2175086	125517
5	14	Manufacture of wearing apparel	217176	3050142	2052056	958729	1298450	130365
6	15	Manufacture of leather and related products	194341	4669487	3932155	664243	1362288	121920
7	16	Manufacture of wood and products of wood and cork, except furniture;	298262	7709238	4741730	2911022	1542225	156533
8	17	Manufacture of paper and paper products	263390	3965584	2824640	1023415	1560209	124092
9	18	Printing and reproduction of recorded media	214658	3319748	2379622	785504	1578590	161626
10	19	Manufacture of coke and refined petroleum products	198885	10675606	8985714	1603251	1138056	154891
11	20	Manufacture of chemicals and chemical products	281268	9113614	7411389	1542511	5091121	127576
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	220862	3856878	2634387	1141184	1268754	135993
13	22	Manufacture of rubber and plastics products	215629	5350313	4205254	1048015	1362121	142285
14	23	Manufacture of other non-metallic mineral products	200554	4780756	6247081	-1640717	1964953	153032
15	24	Manufacture of basic metals	148600	13415039	10720393	2620991	2003075	118829

S.No	Industry Group	Description	Emoluments per employee	Output per workers	Input per workers	Value added per worker	Invested capital per worker	Wages per worker
16	25	Manufacture of fabricated metal products, except machinery and equipment	176361	3151989	2654187	449103	987310	135017
17	26	Manufacture of computer, electronic and optical products	290703	6709450	4776077	1839574	2152485	140359
18	27	Manufacture of electrical equipment	215174	4871557	4034501	762114	1537849	134177
19	28	Manufacture of machinery and equipment n.e.c.	251336	3310320	2501584	747298	1249735	156883
20	29	Manufacture of motor vehicles, trailers and semi-trailers	213260	2480080	1772274	652773	928425	132871
21	30	Mfr. Of Other Transport equipment	196437	2034429	1484372	488541	975062	142605
22	31	Manufacture of furniture	213844	3418429	2482691	873633	1001597	132107
23	32	Other manufacturing	269277	4223743	2980706	1169427	1045299	137753
24	33	Repair and installation of machinery and equipment	396862	4740642	3956312	569882	4632185	383286
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	256762	11092755	9841428	1152497	2421580	153933
26	52	Warehousing and support activities for transportation	275588	24499388	20215737	4187453	7589167	163842
27	58	Publishing activities	197633	1995850	1541272	321000	2368768	140329
28	95	Repair of computers and personal and household goods	285438	12197490	10094797	1983284	1917484	217116
29	96	Other personal service activities	148799	1578240	1077324	454224	369963	134341
30		Others	205104	2050648	900754	766781	4349888	166461
		Total	245445	8718367	7540920	1090900	2360224	148001

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Table IX: General Pattern of Cost of Production by Size of Capital								
Values in Rs.Lakh								
Capital Range(gross Value of plant & Machinery)	Factories Covered	Fuels	Material	Other input	Total input	Total output	Emoluments	Depreciation
less than 10.00	1165	18913	321918	153783	494613	581541	34080	5956
10.00-25.00	204	4961	71529	64379	140869	174361	12502	2033
25.00-50.00	220	4590	80287	48732	133609	162636	13476	2088
50.00-75.00	155	3000	48802	30471	82273	100444	8408	1680
75.00-100.00	107	1825	35677	37793	75296	86334	3939	806
100.00-200.00	181	7355	127045	71322	205721	273340	14700	2886
200.00-250.00	91	3711	149792	26262	179765	196599	7336	1323
250.00-350.00	97	2855	70448	38162	111465	136531	11595	1962
350.00-500.00	88	4870	140116	30734	175720	213018	11857	2221
500.00-750.00	108	7247	209511	88052	304810	345970	13644	3168
750.00-1000.00	84	8005	172514	84872	265392	307500	13238	3123
1000.00&above	351	51614	2236456	1179007	3467077	3938445	134496	37446
Total	2852	118946	3664095	1853570	5636611	6516718	279272	64691

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Statement showing the merging of Industries

S.No.	Table Description	Industry Code	Included in
1	2 digit of NIC 2008	35, 37, 38, 82	Others
2	3 digit of NIC 2008	101	103
		104	105
		142	143
		161	162
		182	181
		252	251
		262	263
		266	267
		302, 304	309
		322	329
		351, 370, 382, 829	Others