



GOVERNMENT OF NCT OF DELHI



**REPORT ON
ANNUAL SURVEY OF INDUSTRIES
2016-17**

**DIRECTORATE OF ECONOMICS & STATISTICS
VIKAS BHAWAN –II, B-WING, 3RD FLOOR, UPPER BELA ROAD
DELHI -110054**

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PREFACE

The present report is on Annual Survey of Industries (ASI) 2016-2017 of the Govt. of NCT of Delhi, thirty sixth 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 Sixth time when DES, Delhi participated in the field work of ASI 2016-17 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 410 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. Rupender Singh Tomar, Ms. Binni Choudhary, Sh. Sachin Kumar, Sh. Pardeep Kumar, Sh. Pardeep Kumar Yadav and Sh. Rohini Pokhrel 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
September, 2019

Ashok Kumar
Director

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REPORT ON ANNUAL SURVEY OF INDUSTRIES 2016-17

EXECUTIVE SUMMARY

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.

The report has been prepared by pooling unit level data provided by the Industrial Statistics Unit of M/o Statistics and Programme Implementation, G.O.I., having census & sample sector units and unit level data of 410 residual sample units surveyed by ASI Branch of DES, Delhi.

A. Detail of sampling :

- Total factories in frame= 3510
- Units selected as Central sample= 1430 (Census Sector= 1020, sample sector= 410)
- Units selected as State sample= 410
- Census Sector comprises all those factories having workers 50 or more. All factories under census sector are surveyed on census basis by NSS (FOD), MoSPI, G.O.I.
- Residual samples having less than 50 workers are covered under sample sector by both State DES & NSSO (FOD) on equal matching basis.

B. Highlights of the report:

- i. No. of estimated factories in operation in Delhi during 2016-17 as per pooled results is 2639; a sharp decline in no. of estimated factories by 7.5% from ASI year 2015-16.
- ii. The maximum no. of factories has declined in the three major industries group (at 2 digit level), namely, Manufacturing of electrical equipments (NIC 27) from 254 during 2015-16 to 197 in 2016-17, wholesale and retail trade and repair of motor vehicles and motor cycles (NIC 45) from 251 factories during 2015-16 to 210 in 2016-17 and reproduction of recorded media (NIC 18) from 243 in 2015-16 to 206 in 2016-17.

- iii. A maximum number of 1000 factories are recorded under the group 'Non-govt. company – Private' (37.9%), followed by 'Individual proprietorship' 885 units (33.5%) and 'Partnership' 688 (26.1%).
- iv. No. of employees engaged in manufacturing sector is estimated as 1,11,776 in 2016-17 as compared to 1,13,782 in 2015-16 resulting 1.8% decrease in total estimated employment.
- v. Average employment size in 2016-17 is reported as 42.4 as against 39.9 during the year 2015-16.
- vi. Wages and Salary (incl. bonus) paid to all the employees is estimated at Rs. 2,897 crore in comparison to Rs. 2,792 crore in the year 2015-16.
- vii. Average annual emolument per employee is estimated at Rs. 2,59,137 during 2016-17 as against Rs. 2,45,445 in the year 2015-16.
- viii. There is a decline in output-input ratio from 1.16 in the year 2015-16 to 1.12 in 2016-17.
- ix. Six major classes in terms of number of working factories are:
 - a) Wearing apparel (11.8%)
 - b) Fabricated metal products (10.8%)
 - c) Electrical equipments (7.4%)
 - d) Wholesale & Retail Trade and repair of motor vehicles (7.9%)
 - e) Printing and Reproduction of recorded media (7.8%)
 - f) Manufacturing of rubber & plastic products (6.8%)

These six major classes together have constituted 52.6% total working factories and provided employment to 52.3% of total employees.

- x. Gross Value Added (GVA) has declined substantially by 23.9% from Rs. 8,801 crore in 2015-16 to Rs. 6699 crore in 2016-17.
- xi. Major sectors in terms of their contribution in total GVA of the state, namely, manufacturing of wearing apparel (-52%), Electrical equipments (-24%), textiles (-28%), chemicals & chemical products (-36.7%), tobacco products (-51.8%), basic metals (-72%) etc. were the main contributors in abrupt decline in overall GVA in Delhi during 2016-17.

- xii. Whereas, one of the major industrial sectors, namely, manufacturing of fabricated metal products (except machinery and equipments) has recorded a considerable growth of 19.7% in GVA.
- xiii. Interestingly, the Census Sector (surveyed under central sample, having 50 & more workers) is showing a high negative growth of 33.9% in GVA from Rs. 7109 crore in 2015-16 to Rs. 4703 crore in 2016-17.

Whereas, sample sector (surveyed both by NSSO and DES in equal matching basis), having smaller no. of workers, is indicating 18% positive growth in GVA from Rs. 1692 crore in 2015-16 to Rs. 1996 crore in 2016-17.
- xiv. GVA per factory is estimated at Rs.2.53 crore in the year 2016-17; declined from Rs. 3.08 crore in 2015-16.
- xv. GVA per worker is estimated at Rs. 8,91,173 in the year 2015-16. Whereas, GVA per employee is returned as Rs. 5,99,335 only in the year 2016-17.
- xvi. The highest no. of 865 factories is observed in district North-West, followed by South (708) and West (623) with employment of 31,305, 37,179 and 27,157 respectively.
- xvii. Employment size was the highest in district South-west with 67 employees per unit and lowest in Central district (11).

Part-I

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 Sixth time when DES, Delhi participated in the field work of ASI 2016-17 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 410 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:

$${}^c\hat{Y}'_i = \sum_{s=1} \left[\frac{E_{is}}{\sum_{m=1,3} e_{ism}} \left[\sum_{k=1}^{e_{is1}} y_{is1k} + \sum_{k=1}^{e_{is3}} y_{is3k} \right] \right]$$

$$= \sum_{s=1} [\hat{Y}_{is1} + \hat{Y}_{is3}]$$

$$= \sum_{s=1} \sum_{m=1,3} \hat{Y}_{ism} \dots \dots \dots (1)$$

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:

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

$$= \sum_{s=1} [\hat{Y}_{is2} + \hat{Y}_{is4}]$$

$$= \sum_{s=1} \sum_{m=2,4} \hat{Y}_{ism} \dots \dots \dots (4)$$

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:

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

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 unit 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
$\frac{E_{is}}{e_{ism}}, \text{ m}=1,2,3 \text{ or } 4$	$\frac{E_{is}}{e_{is}}, e_{is} = \sum_{m=1}^4 e_{ism}$

Reference Period

Reference period for ASI 2016-2017 was the accounting year of the factory, ending on any day during the financial year 2016-2017. Thus in ASI 2016-2017 data collected from respective establishment relate to their accounting year ended on any day between 1st April, 2016 and 31st March, 2017. Survey was conducted in the year March, 2018 to September, 2018.

Schedule of Enquiry

The schedule for ASI 2016-2017 is more or less similar to the ASI schedule 2015-2016, 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, employer's 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-3

GENERAL REVIEW OF INDUSTRIAL ACTIVITY IN 2016-17

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 2016-17 with comparative figures available for the year 2015-2016, have been depicted in Table-1 below:

TABLE 1: IMPORTANT CHARACTERISTICS OF THE ORGANISED INDUSTRIAL (FACTORY) SECTOR DURING ASI 2015-16 AND 2016-17.

S. No.	Characteristics	Unit	2015-16	2016-17	% (+)Increase/ Decrease(-) Over the year
1	Factories in Operation	Number	2,852	2,639	-7.47
2	Fixed Capital	₹ in Lakh	6,92,238	6,97,296	0.73
3	Working Capital	₹ in Lakh	9,12,636	8,99,030	-1.49
4	Productive Capital	₹ in Lakh	16,04,874	15,96,326	-0.53
5	Invested Capital	₹ in Lakh	17,64,197	17,96,017	1.80
6	Outstanding Loans	₹ in Lakh	5,73,707	6,62,916	15.55
7	Mandays Worked (E)	No. in Lakh	343	339	-1.04
8	Workers	Number	74,747	75,172	0.57
9	All Employees	Number	1,13,782	1,11,776	-1.76
10	Wages to Workers	₹ in Lakh	1,10,626	1,12,957	2.11
11	Total Emoluments	₹ in Lakh	2,79,272	2,89,654	3.72
12	Total Input	₹ in Lakh	56,36,611	58,11,192	3.10
13	Total Outputs	₹ in Lakh	65,16,718	64,81,104	-0.55
14	Gross Value Added	₹ in Lakh	8,80,106	6,69,913	-23.88
15	Depreciation	₹ in Lakh	64,691	65,027	0.52
16	Factor Payments (Rent Paid + Interest Paid)	₹ in Lakh	1,88,522	1,76,098	-6.59
17	Net Income	₹ in Lakh	6,51,965	4,55,590	-30.12

CONCENTRATION OF FACTORIES

The summary results (Table II) revealed that during the reference period of ASI 2016-2017, the most of factories were engaged in Manufacture of Wearing apparel (NIC-14) (11.76%) followed by Manufacture of Fabricated Metals Products except Machinery (NIC-25)(10.78%), Wholesale & Retail Trade & Repair of Motor Vehicles (NIC-45) (7.96%), Printing & Reproduction of Recorded Media (NIC-18) (7.82%), Manufacture of electrical equipment (NIC-27) (7.45%) and Manufacture of Rubber and Plastics products (NIC-22) (6.79%). These six industries together have constituted 52.57 percent of the total working factories, provided employment to 52.34 percent of the total employees and utilized 45.43 percent of fixed capital stock. Their share in the gross value of output and net value added by manufacture were 41.92 and 41.44 percent respectively.

During ASI 2016-17 there was a decrease of 7.47% in the number of working factories. However Outstanding loans, total input, Invested Capital and Fixed Capital increased by 15.55%, 3.10%, 1.80% and 0.73% simultaneously. Also, Total Emoluments and No. of workers increased during current year from previous year by 3.72% and 0.57% respectively. At the same time, GVA and Net Income have decreased by 23.88% and 30.12% during ASI 2016-17. The major decrease in GVA was observed in the industry groups, Manufacture of other non-metallic mineral products (NIC-23) 143.86%, Repair of computers and personal and household goods (NIC-95) 78.28, Manufacture of basic metals (NIC-24) 71.96%, Warehousing and support activities for transportation (NIC-52) 66.58%, Manufacture of wood and products of wood and cork, except furniture (NIC-16) 65.35%, Manufacture of furniture (NIC-31) 55.16%, Manufacture of tobacco products (NIC-12) 51.85%, and Manufacture of wearing apparel (NIC-14) 51.83%.

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/Organisation	Census	Sample	Total
1	Individual Proprietorship	180	705	885
		19.19%	41.43%	33.52%
2	Partnership	201	487	688
		21.43%	28.61%	26.05%
3	Limited Liability Partnership	6	4	10
		0.64%	0.21%	0.37%
4	Government Company-Public	0	3	3
		0.00%	0.18%	0.11%
5	Government Company-Private	2	11	13
		0.21%	0.64%	0.49%
6	Non-Government Company-Public	29	3	32
		3.09%	0.20%	1.23%
7	Non-Government Company-Private	517	483	1000
		55.12%	28.42%	37.91%
8	Co-operative Society	0	0	0
		0.00%	0.00%	0.00%
9	Others (including Joint Family (HUF), Trusts, Wakf Boards, Handlooms, KVIC etc.)	3	5	8
		0.32%	0.31%	0.31%
	Total	938	1701	2639
		100.00%	100.00%	100.00%

The study of the table-2 reveals that:

- (i) Factories under the group 'Non-Government Company--Private' numbering 1,000 (37.91%) were the highest in the factory sector, followed by 'Individual Proprietorship' 885 units (33.52%), and Partnership 688 (26.05%).
- (ii) In the Census Sector, 'Non-Government Company-Private' 517 (55.12%), Partnership 201 (21.43%) and Individual Proprietorship 180 (19.19) 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 705 (41.43%) occupied the top position, followed by Partnership 487 (28.61%) and 'Non-Government Company-Private' 483 (28.42%).

(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	11	20	31
		1.17%	1.15%	1.16%
2	1951-1960	25	37	62
		2.67%	2.20%	2.37%
3	1961-1970	47	126	173
		5.01%	7.42%	6.57%
4	1971-1980	95	271	366
		10.13%	15.91%	13.86%
5	1981-1990	154	289	443
		16.42%	16.99%	16.79%
6	1991-2000	221	380	601
		23.56%	22.31%	22.76%
7	2001-2010	280	432	712
		29.85%	25.40%	26.98%
8	2011 & Onwards	105	146	251
		11.19%	8.60%	9.53%
Total		938	1701	2639
		100.00%	100.00%	100.00%

it would be seen from the table 3 that:-

- (i) Out of total 2639 units covered, only 31 (1.16 %) has started their production before 1951. The survey result reveals a continuous upward trend in the numbers of factories according to their year of initial production. Maximum numbers of factories are returned in the period 2001-2010 as 712 (26.98%).
- (ii) In the Census Sector, the maximum numbers of 280 units (29.85%) were set up in the period 2001-10, while 221 units (23.56%) during 1991-2000.
- (iii) Similarly, in Sample Sector the maximum numbers of 432 units (25.40%) were setup during the period 2001-2010 and 380 units (22.31%) during 1991-2000.

CAPITAL STRUCTURE

During the reference period 2016-17, the fixed capital invested in the factories covered under the survey was estimated at ₹6973 crore, Productive Capital ₹ 15963 crore and Invested Capital ₹17960 crore. Fixed Capital and Invested Capital have increased by 0.73% and 1.80% and Productive Capital has decreased by 0.53% compared to those estimated during the corresponding period of 2015-16. From the investment angle, industries such as Mfg. of electrical equipment (27), Mfg. of Food Products (10), Wholesale and retail trade & Repair of Motor vehicles and Motor cycles (45), Mfg. of wearing apparel (14), and Mfg. of Chemicals and Chemical products (20) were the most important ones. These industries among themselves shared 52.09 percent of fixed capital, 68.55 percent of invested capital and 63.35 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 (InNos)	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	938	4616	13614	11336	0.34	0.41	14.51	12.09
		35.55%	66.20%	75.80%	71.02%				
2	Sample	1701	2357	4346	4627	0.54	0.51	2.56	2.72
		64.45%	33.80%	24.20%	28.98%				
	Total	2639	6973	17960	15963	0.39	0.44	6.81	6.05

The study of the table reveals that:

The 938 Census Sector Factories constituting 35.55 percent of factory sector deployed a major share of the capital resources of factory sector viz. ₹ 13614 crore or 75.80 percent of the total Invested Capital, ₹11336 crore or 71.02 percent of the total 'Productive Capital' and ₹4616 crore or 66.20 percent of the total 'Fixed Capital'.

The invested capital per unit' worked out to ₹14.51 crore in the Census sector and 2.56 crore in the Sample sector and ₹ 6.81 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 45–Wholesale and retail trade and repair of motor vehicles and motorcycles, with contributions of ₹6267.91 crore (34.90%) and ₹1682.61 cr. (9.37%) respectively. Similarly, in the fixed capital in the factory sector were Groups 27- Manufacturing of electrical equipment, Group 10-Manufacturing of Food Products, with contributions of ₹885.56 cr. (12.70%) and ₹876.83cr. (12.57%).
- (ii) The lowest contribution on the other hand was that of Major Industry Group 96- Other personal service activities, contributing 0.01% 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 96-Other personal service activities (0.84).

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.

TABLE5: DISTRIBUTION OF FACTORIES ACCORDING TO CAPITAL SIZE (GROSS VALUE OF PLANT AND MACHINERY)

S.No.	Capital Size (₹ in Lakhs)	Number of Factories Covered			Cumulative
		Census	Sample	Total	
1	Less than 10.00	276	843	1119	1119
		29.42%	49.53%	42.39%	
2	10.00-25.00	58	99	157	1275
		6.18%	5.82%	5.95%	
3	25.00-50.00	71	128	199	1474
		7.57%	7.52%	7.54%	
4	50.00-75.00	43	81	124	1598
		4.58%	4.76%	4.70%	
5	75.00-100.00	19	39	58	1657
		2.03%	2.32%	2.22%	
6	100.00-200.00	59	127	186	1843
		6.29%	7.47%	7.05%	
7	200.00-250.00	17	39	56	1899
		1.81%	2.29%	2.12%	
8	250.00-350.00	44	33	77	1976
		4.69%	1.96%	2.93%	
9	350.00-500.00	55	92	147	2123
		5.86%	5.39%	5.56%	
10	500.00-750.00	64	66	130	2253
		6.82%	3.91%	4.94%	
11	750.00-1000.00	38	34	72	2326
		4.05%	2.01%	2.74%	
12	1000.00 & above	194	119	313	2639
		20.68%	7.02%	11.87%	
Total		938	1701	2639	
		100.00%	100.00%	100.00%	

The perusal of table - 5 reveals that 1,657 (62.79%) units have an investment of less than ₹1.00 crore in the Plant and Machinery while there were only 982 (37.21%) unit have an investment of over ₹1.00 crore in the Plant & Machinery.

EMPLOYMENT

The number of persons employed in the Factory Sector during 2016-17 worked out to 1,11,776 out of these, 75,172 (67.25%) were workers engaged exclusively in the production and/or repair services and the remaining 36,604 (32.75%) 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 2015-16 were 1,13,782 and 74,747 indicating a decrease of 1.76 percent and an increased by 0.57 percent respectively in the year 2016-17.

The total number of 'mandays worked', by all employees during the year 2016-17 was about 339 lakhs compared to 343 lakhs during 2015-16 showing thereby decrease of 1.04 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
		(in Nos.)	(in Nos.)	(in Nos.)	(in ₹'000')	Employee	Workers	
1	Census	938	79060	53203	24281	84	57	307
		35.55%	70.73%	70.77%	71.53%			
2	Sample	1701	32716	21969	9663	19	13	295
		64.45%	29.27%	29.23%	28.47%			
Total		2639	111776	75172	33943	42	28	304

The perusal of table 6 reveals that:-

- (i) Out of the 75,172 workers in the factory sector 53,203 workers (70.73%) were engaged in the Census sector while the remaining 21,969 workers (29.23%) were employed in Sample sector.
- (ii) Per unit employment of workers in the Census sector was 57 compared to 13 in the Sample sector and 28 in the factory sector. The corresponding averages in the case of all employees worked out to 84, 19 and 42 for Census, Sample and factory sector respectively.
- (iii) The respective share of Census and Sample sector factories in the total mandays worked in the factory sector was 71.53 percent and 28.47 percent respectively.

- (iv) Mandays worked per employees per year in the Census sector was 307 as compared to 295 in the Sample sector and 304 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 2016-17.

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

S. No.	Size of Employment (Workers)	Factories Covered			Cumulative
		Census	Sample	Total	
1	0—4	48	37	85	85
		5.12%	2.19%	3.23%	
2	5—9	76	61	137	223
		8.10%	3.61%	5.21%	
3	10—19	112	207	319	541
		11.94%	12.16%	12.08%	
4	20—49	142	667	809	1351
		15.14%	39.23%	30.67%	
5	50-99	228	389	617	1968
		24.31%	22.90%	23.40%	
6	100-199	145	279	424	2393
		15.46%	16.43%	16.08%	
7	200-299	77	43	120	2512
		8.21%	2.50%	4.53%	
8	300-399	32	8	40	2552
		3.41%	0.44%	1.50%	
9	400-499	17	6	23	2574
		1.81%	0.32%	0.85%	
10	500 & above	61	4	65	2639
		6.50%	0.21%	2.45%	
Total		938	1701	2639	
		100.00%	100.00%	100.00%	

The study of the table –7 shows that:

- (i) The maximum number of 809 units forming 30.67 percent of the factory sector recorded under employment size class 20-49. The employment size class 50-99 with 617 units (23.40%) came next, followed by employment size class 100-199 with 424 units (16.08%).

- (ii) Within the Census sector, 378 out of 938 units, i.e. 40.30% have less than 50 workers and 228 units (24.31%) having 50-99 workers and 332 units (35.39%) have more than 100 workers.
- (iii) In the Sample sector, 57.19 percent of the units (973 out of 1701) employed less than 50 workers each. As many as 389 units constituting 22.90 percent of total units in the Sample sector employed 50-99 workers each. Further, 339 units constituting 19.91 percent of the Sample sector reported employment 100 or more workers.

EMOLUMENTS

A total sum of ₹ 2896.54 crore was paid as emoluments to all employees during 2016-17 of which ₹1129.57 crore were paid as wages to workers and remaining ₹1766.97 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 ₹2204.42 crore (76.11%) and ₹692.12 crore (23.89%) respectively whereas in the case of wages to workers it was ₹826.27 crore (73.15%) and ₹303.30 crore (26.85%) 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	Workers	All Employees	Total Emoluments	Total Wages	Average	
		(in Nos.)	(in Nos.)	(in Nos.)	(in ₹ Crores)	(in ₹ Crores)	Emolument Per Employee	Wages Per Worker
1	Census	938	53203	79060	2204	826	278829	155305
		35.55%	70.77%	70.73%	76.11%	73.15%		
2	Sample	1701	21969	32716	692	303	211551	138059
		64.45%	29.23%	29.27%	23.89%	26.85%		
Total		2639	75172	111776	2897	1130	259137	150265

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 35.55 percent of the factory sector, claimed 76.11 percent of the emoluments paid to employees. The average emoluments per employee per man-day for the Census sector worked out to ₹907.88 as against ₹716.29 for the Sample sector and ₹853.34 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 ₹55,770 lakh (19.25%) in the Major Industry Group 14- Manufacturing of Wearing Apparel, followed by ₹49,397 lakh (17.05%) in the Major Industry Group-10- Mfg. of Food Product and ₹33,245 lakh (11.48%) in Major Industry Group 45 Wholesale and Retail Trade and Repair of Motor Vehicles and Motorcycles, these three groups together shared around 47.79% of the total emoluments paid in the factory sector.
- (ii) The average emoluments per employee per annum ₹3,68,330 is the maximum in the Major Industry Group 33- Repair and installation of machinery and equipment, while it is the lowest at ₹1,57,156 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 ₹2,59,137.
- (iii) The total wages of ₹23,737 lakh (21.01%) paid to the workers in the Major Industry Group 14-Manufacturing of Wearing Apparel and Industry Group-10 Manufacturing of Food Products with ₹16,825 lakh (14.90%) came next. The two groups together accounted for 35.91% 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
- (iv) 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 ₹ 58,111.92 crore. Out of this, consumption of materials being the principal components accounted for ₹ 37,887.54 (65.20%) crore of the total value of input. The remaining 20,224.38 crore were shared by ‘fuels’ and ‘other inputs’, their relevant values being ₹ 1,037.67 crore (1.79%) and ₹ 19,186.71 crore (33.02%) 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	938	4167996	2640110	63.34	61463	1.47	1466423	35.18
		35.55%	71.72%	69.68%		59.23%		76.43%	
2	Sample	1701	1643196	1148644	69.90	42304	2.57	452248	27.52
		64.45%	28.28%	30.32%		40.77%		23.57%	
Total		2639	5811192	3788754	65.20	103767	1.79	1918671	33.02

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

- (i) The Census sector factories, constituting 35.55 percent of the total factories covered shared 71.72 percent of the total inputs, while the Sample sector, forming 64.45 percent of the factories accounted for only 28.28 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 69.68 percent, 59.23 percent and 76.43 percent respectively. The relevant percentages in the case of Sample sector were 30.32 percent, 40.77 percent and 23.57 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 63.34 percent, 1.47 percent and 35.18 percent respectively compared to 69.90 percent, 2.57 percent and 27.52 percent respectively for the Sample sector as against 65.20 percent, 1.79 percent and 33.02 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 54.53 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 11.75%, 5.89%, and 3.68% respectively of total inputs. These four industry groups together accounted for 75.85 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 93.50% and the lowest at 1.05% 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 2016-17 worked out to ₹65,027 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 9.33 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	Manufacture of food products	147	87,68,317	9,45,067	14.53	10.78
2	11	Manufacture of beverages	3	69,628	39,404	0.61	56.59
3	12	Manufacture of tobacco products	23	4,86,940	74,777	1.15	15.36
4	13	Manufacture of textiles	110	17,26,774	2,17,505	3.34	12.60
5	14	Manufacture of wearing apparel	310	70,29,516	7,11,273	10.94	10.12
6	15	Manufacture of leather and related products	160	16,08,336	2,01,134	3.09	12.51
7	16	Manufacture of wood and products of wood and cork, except furniture;	8	1,03,830	7,118	0.11	6.86
8	17	Manufacture of paper and paper products	54	6,36,815	1,11,023	1.71	17.43
9	18	Printing and reproduction of recorded media	206	38,37,656	5,70,958	8.78	14.88
10	19	Manufacture of coke and refined petroleum products	3	12,705	2,479	0.04	19.51
11	20	Manufacture of chemicals and chemical products	54	45,50,608	2,96,311	4.56	6.51
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	31	4,92,680	63,416	0.98	12.87
13	22	Manufacture of rubber and plastics products	179	23,34,688	2,84,051	4.37	12.17
14	23	Manufacture of other non-metallic mineral products	13	1,98,882	28,351	0.44	14.25
15	24	Manufacture of basic metals	106	6,35,253	58,098	0.89	9.15
16	25	Manufacture of fabricated metal products, except machinery and equipment	284	25,02,345	2,33,877	3.60	9.35
17	26	Manufacture of computer, electronic and optical products	87	12,08,516	1,53,804	2.37	12.73

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	197	88,55,564	3,09,792	4.76	3.50
19	28	Manufacture of machinery and equipment n.e.c.	165	19,13,240	1,90,884	2.94	9.98
20	29	Manufacture of motor vehicles, trailers and semi-trailers	122	12,13,730	1,49,600	2.30	12.33
21	30	Manufacture of other transport equipment	16	1,51,950	47,356	0.73	31.17
22	31	Manufacture of furniture	22	2,04,351	12,017	0.18	5.88
23	32	Other manufacturing	62	11,57,552	1,45,496	2.24	12.57
24	33	Repair and installation of machinery and equipment	10	7,33,707	1,06,394	1.64	14.50
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	210	71,16,197	9,09,461	13.99	12.78
26	52	Warehousing and support activities for transportation	15	14,96,676	7,027	0.11	0.47
27	58	Publishing activities	8	3,49,720	26,901	0.41	7.69
28	95	Repair of computers and personal and household goods	13	2,54,149	1,07,430	1.65	42.27
29	96	Other personal service activities	5	22,310	3,437	0.05	15.41
30		Others	13	1,00,56,938	4,88,235	7.51	4.85
Total			2,639	6,97,29,572	65,02,677	100.00	9.33

OUTPUT

Output in an industry includes products, by-products and services generated during the industrial process. The value of total output worked out to ₹64,811.04 crore as compared to ₹ 65,167.18 crore in 2015-16 indicating thereby a decrease of 0.55 percent over the previous year. The worth of products and by-products is ₹45851.12 crore whereas ₹18959.93 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	Unit (In Nos.)	Total value of Input	Output			Ouput Input Ratio	Output Per		Output/ Invested Capital Ratio
				Product and by product	Other Output	Total Ouput		Worker Per annum	Employee Mandays (in ₹)	
1	Census	938	4167996	3187486	1450781	4638267	1.11	87.18	19103	3.41
		35.55%	71.72%	69.52%	76.52%	71.57%				
2	Sampl e	1701	1643196	1397626	445212	1842838	1.12	83.88	19072	4.24
		64.45%	28.28%	30.48%	23.48%	28.43%				
	Total	2639	5811192	4585112	1895993	6481104	1.12	86.22	19094	3.61

The study of the table 11 reveals that:

- (i) The Census Sector constituting 71.57% 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 69.52% and 76.52 % respectively. While in Sample sector comprising 28.43% of the total output. Its share in products and by-products is 30.48% and in other outputs is 23.48%.
- (ii) The 'output' per unit 'Invested Capital' ratio at 4.24 in the Sample Sector was higher as compared to 3.41 in the Census Sector. Whereas this ratio was 3.61 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 ₹87.18 lakh, ₹83.88 lakh and ₹86.22 lakh respectively.
- (iv) 'Production per manday', being the measure of the productivity in an industrial activity, 'Productivity' in the Census Sector at ₹19,103 was higher compared to ₹19072 in the Sample Sector and ₹19,094 in the Factory Sector.
- (v) Output-Input ratio, on the other hand, was 1.11 in Census sector, 1.12 in Sample sector and 1.12 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', approx. at ₹33,243.40 crore worth of output accounting for 51.29 percent of the total products was the maximum. Major Industry Groups, 45- 'Wholesale and retail trades & repair of motor vehicles and motorcycles' with 11.75 percent, Industry Groups, 14-'Mfg. of wearing apparel', 6.62 percent, Industry Groups 27-'Mfg. of electrical equipment' with 3.76 percent. Industry Group 20- 'Mfg. of chemicals and chemical products' with 3.33 percent came next in that order. These five Major Industry Groups together contributes around 76.75 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	4638267	100.00	1842838	100.00	6481104	100.00
2	Value of Input						
	(a) Material	2640110	56.92	1148644	62.33	3788754	58.46
	(b) Fuels	61463	1.33	42304	2.30	103767	1.60
	(c) Other input	1466423	31.62	452248	24.54	1918671	29.60
	Total Input	4167996	89.86	1643196	89.17	5811192	89.66
3	Employee Emolument	220442	4.75	69212	3.76	289654	4.47
4	Factor payment	136471	2.94	39627	2.15	176098	2.72
5	Depreciation	46863	1.01	18164	0.99	65027	1.00
	Total cost	4571772	98.57	1770199	96.06	6341971	97.85

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 98.57 percent of the 'total value of output' in the Census sector, 96.06 percent in the Sample sector and 97.85 percent in the factory sector as a whole.
- (iii) The contribution of materials and stores components of inputs was 58.46 percent of the total output in the factory Sector. The relevant figures were 56.92 percent for the Census sector and 62.33 percent for the Sample sector.
- (iv) The share of 'fuels' also varied substantially in the three sectors. It was only 1.33 percent of the value of output in the Census sector, 2.30 percent in the Sample sector and 1.60 percent in the factory sector.
- (v) The other important factor of the cost viz. 'emoluments' formed only 4.75 percent of 'total output' in the Census sector, 3.76 percent in the Sample sector and 4.47 percent in the factory sector.

(vi) The percentage contribution of factor payments was 2.94 percent of ‘total value of output’ in the Census sector, 2.15 percent in the Sample sector and 2.72 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 2016-17 worked out to ₹6048.86 crore.

TABLE 13: VALUE ADDED BY MANUFACTURE AND SOME IMPORTANT RATIO

(Value in ₹ Lakh)									
S. No.	Sector	Unit (In Nos.)	Value Added (GVA-Depreciation)	Invested Capital	value added Invested Capital Ratio	Value added Input Ration	Value added Output Ratio	Value added per Worker (in ₹)	Value added per Employee (in ₹)
1	Census	938	423408	1361424	0.31	0.10	0.09	795835	535553
		35.55%	70.00%	75.80%					
2	Sample	1701	181478	434593	0.42	0.11	0.10	826061	554699
		64.45%	30.00%	24.20%					
Total		2639	604886	1796017	0.34	0.10	0.09	804669	541157

The study of the table reveals that:-

- (i) The share of the Census Sector, constituting 35.55 percent of the total factories covered, was ₹4234.08 crore or 70 percent of the total value added by manufacture while it worked out to ₹ 1814.78 crore or 30 percent of the total for the Sample Sector.
- (ii) ‘Value added – Invested Capital ratio’ or the ‘Value added per unit of Invested Capital’, was 0.42 in the Sample Sector, 0.31 in the Census Sector and 0.34 in the Factory Sector indicating relatively better return on the Invested Capital in the Census Sector.

(iii) The ‘Value added per worker’ at ₹8,26,061 in the Sample Sector is higher as compared to ₹ 7,95,835 in the Census Sector and ₹8,04,669 in the Factory Sector.

(iv) The ‘Value added per employee’ in the, Census, Sample and Factory Sectors were ₹5,35,553, ₹5,54,699 and ₹5,41,157 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.

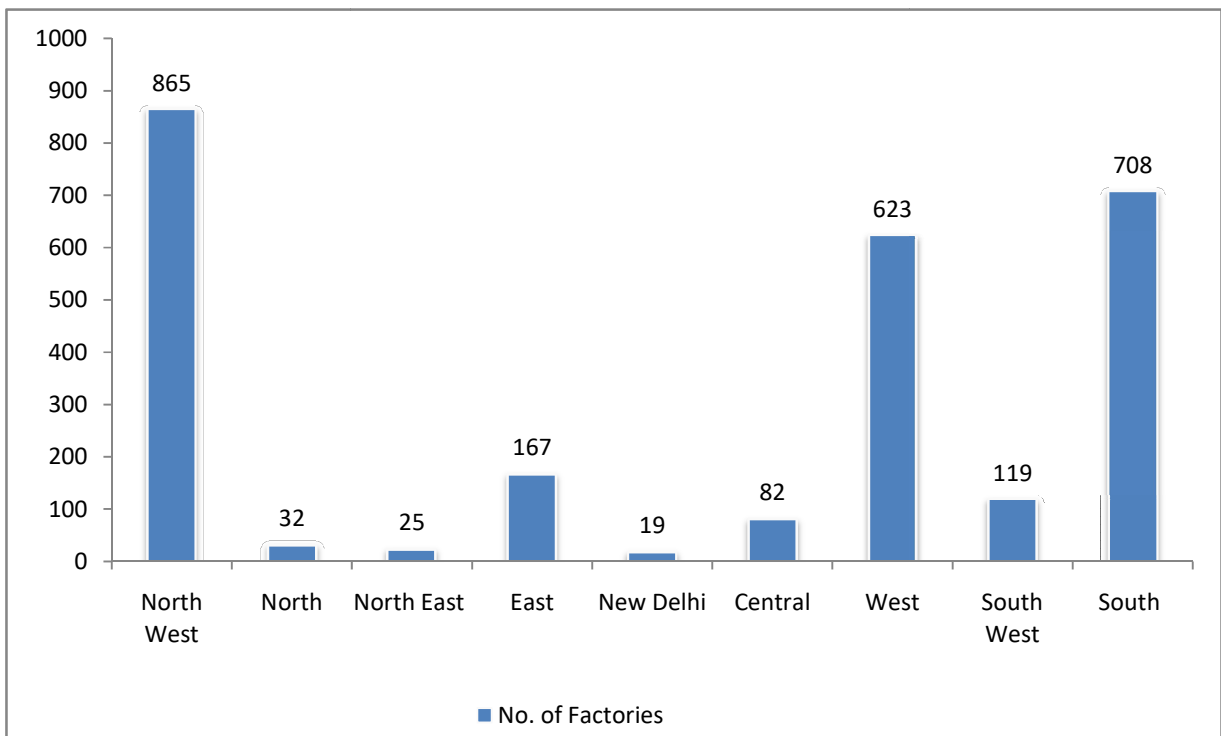
CHAPTER- IV
District Level Estimates

Estimates of principal characteristics for all industries taken together in respect of nine districts of Delhi during the year 2016-17 have been depicted in Table-1 Below:-

S. No.	Characteristics	Unit	District									Total
			North West	North	North East	East	New Delhi	Central	West	South West	South	
1	Factories In operation	Number	865	32	25	167	19	82	623	119	708	2639
2	Fixed Capital	Rs. In Lakhs	246068	1999	4985	27396	3427	3003	129077	30459	250884	697296
3	Physical Working Capital	Rs. In Lakhs	681478	2511	5272	82935	853	2734	144729	29967	148243	1098722
4	Invested Capital	Rs in lakhs	927547	4510	10257	110330	4280	5737	273806	60425	399127	1796017
5	Working Capital	Rs. In Lakhs	515980	1464	6098	37335	2110	3935	111788	32783	187536	899030
6	Outstanding loans	Rs. In Lakhs	298973	2325	4461	37162	1538	4519	110530	22599	180810	662916
7	Workers	Number	20535	370	319	3389	337	666	18846	6057	24653	75172
8	All Employees	Number	31305	575	527	5613	550	936	27157	7935	37179	111776
9	Mandays Worked (Employees)	No. in '000'	9363	166	153	1721	168	262	8211	2690	11210	33943
10	Wages to workers	Rs. In Lakhs	31166	537	539	6151	575	980	28210	8992	35808	112957
11	Total Emoluments	Rs. In Lakhs	79101	1115	1587	17176	1598	1755	67592	18960	100772	289654
12	Fuels Consumed	Rs. In Lakhs	49424	492	731	7535	522	804	20128	7251	16879	103767
13	Material Consumed	Rs. In Lakhs	2659055	4958	24278	212942	1628	7333	394678	61665	422216	3788754
14	Other Input	Rs. In Lakhs	516447	2110	7840	526498	15794	2372	401470	96829	349309	1918671
15	Total Input	Rs. In Lakhs	3224926	7560	32849	746975	17944	10509	816276	165746	788405	5811192
16	Products	Rs. In Lakhs	2961390	7427	30316	245623	2696	9574	573279	90319	664489	4585112
17	Other Outputs	Rs. In Lakhs	459767	2063	6894	541953	18013	4383	428612	119814	314493	1895993
18	Total Outputs	Rs. In Lakhs	3421157	9490	37210	787576	20708	13957	1001892	210133	978982	6481104
19	Depreciation	Rs. In Lakhs	23387	195	568	4169	269	565	13438	4646	17790	65027
20	Gross value added	Rs. In Lakhs	196230	1930	4361	40600	2764	3448	185616	44387	190577	669913
21	Net value added	Rs. In Lakhs	172843	1734	3793	36431	2495	2883	172178	39741	172788	604886
22	Rent	Rs. In Lakhs	9699	29	291	4476	156	103	8369	2818	13635	39575
23	Interest	Rs. In Lakhs	80599	304	663	3651	510	561	19519	3520	27196	136523
24	Factor Payments (Rent Paid + Interest Paid)	Rs. In Lakhs	90298	333	955	8127	666	664	27888	6337	40831	176098
25	Rent Received + Interest Received	Rs. In Lakhs	6120	280	162	539	461	63	6679	1629	10868	26803
26	Net Income	Rs. In Lakhs	88665	1682	3001	28844	2290	2282	150970	35032	142825	455590

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 32.77%% and 26.81% of the total factories, followed by West district with 23.60%. On the other hand, Districts New Delhi, North East, North are least industrialized, all sharing only 2.87% of the total. Most densely populated district i.e. East District and south West is having 10.84% of total industries and District Central shares 3.11% of Total 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 89.78%, 89.11% and 90.69% respectively. Invested Capital per unit and Production Capital per unit is the highest in the North West District. Invested Capital and Productive Capital per unit are returned as Rs.1073 lakh and Rs. 881 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
		(in lakhs)	(in lakhs)	(in lakhs)	(in lakhs)		
North West	865	246,068	927,547	515,980	762,049	1,073	881
North	32	1,999	4,510	1,464	3,462	140	107
North East	25	4,985	10,257	6,098	11,082	419	452
East	167	27,396	110,330	37,335	64,731	659	387
New Delhi	19	3,427	4,280	2,110	5,537	225	291
Central	82	3,003	5,737	3,935	6,938	70	85
West	623	129,077	273,806	111,788	240,865	440	387
South West	119	30,459	60,425	32,783	63,242	510	534
South	708	250,884	399,127	187,536	438,420	564	620
	2,639	697,296	1,796,017	899,030	1,596,326	681	605

On the other hand, among all 3 less industrialized districts, North East district is having invested capital of ₹ 10257 lakh with only 25 units having invested capital per unit ₹ 419 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 24653 workers i.e. 32.80% of the total workers which was maximum among all 9 districts. Further, districts South, North-West and West were sharing 33.26%, 28.01% and 24.30% of the total employees. Similarly, worker/employee ratio was highest in case of district Central Delhi which indicates presence of labour intensive industries, while the same ratio is lowest for district 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	Factories in Operation	Workers	All Employees	Emolument	Wages paid	Total mandays paid	Annual Wage per worker	Annual Emolument per worker	Mandays per year per employee
	(in Nos.)	(in Nos.)	(in Nos)	(in Lakhs)	(in Lakhs)	(in '000)	(in Rs)	(in Rs)	(in Nos.)
North West	865	20535	31305	79101	31166	9363	151772	385206	299
North	32	370	575	1115	537	166	145083	301141	288
North East	25	319	527	1587	539	153	168945	497747	290
East	167	3389	5613	17176	6151	1721	181490	506767	307
New Delhi	19	337	550	1598	575	168	170483	474092	305
Central	82	666	936	1755	980	262	147098	263459	279
West	623	18846	27157	67592	28210	8211	149687	358655	302
South West	119	6057	7935	18960	8992	2690	148456	313018	339
South	708	24653	37179	100772	35808	11210	145247	408758	302
Total	2639	75172	111776	289654	112957	33943	150265	385321	304

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 67 for district South West and the lowest 11 for district Central.
- (ii) Mandays worked per employee per year was the lowest 279 in case of district Central and was the highest 339 for district South West.
- (iii) Average annual wage rate per worker was the highest as ₹ 1, 81,490 for district East and was the lowest with ₹ 1, 45,083 for district North. However, average annual emolument per worker was the highest with ₹ 5,06,767 in case of district East and the lowest with ₹ 2,63,459 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	Factories In operation	Output	Input	Worker	Total Mandays (Employees)	Invested Capital	Average Output per employees mandays	Output per worker per annum	Output /Input	Output/ Invested Capital
	(in Nos.)	(in Lakhs)	(in Lakhs)	(in Nos.)	(in'000)	(in Lakhs)		(in Lakhs)		
North West	865	3421157	3224926	20535	9363	927547	36540	167	1.06	3.69
North	32	9490	7560	370	166	4510	5731	26	1.26	2.10
North East	25	37210	32849	319	153	10257	24299	117	1.13	3.63
East	167	787576	746975	3389	1721	110330	45760	232	1.05	7.14
New Delhi	19	20708	17944	337	168	4280	12335	61	1.15	4.84
Central	82	13957	10509	666	262	5737	5337	21	1.33	2.43
West	623	1001892	816276	18846	8211	273806	12201	53	1.23	3.66
South West	119	210133	165746	6057	2690	60425	7812	35	1.27	3.48
South	708	978982	788405	24653	11210	399127	8733	40	1.24	2.45
Total	2639	6481104	5811192	75172	33943	1796017	19094	86	1.12	3.61

The study of the table reveals that:

- Production per manday i.e. average output per employee mandays was the highest as ₹45,760 Lakhs in the district East and the lowest as ₹5,337 Lakhs in district Central.
- Maximum and minimum average values of Output per worker per annum were approx. ₹232 lakhs and ₹21 lakhs in districts East and Central respectively.
- Output-Invested capital ratio was the highest 7.14 in East district and was the lowest 2.10 in North district.
- Output-input ratio was the lowest i.e.1.05 in East district and was the highest i.e. 1.33 in Central district.

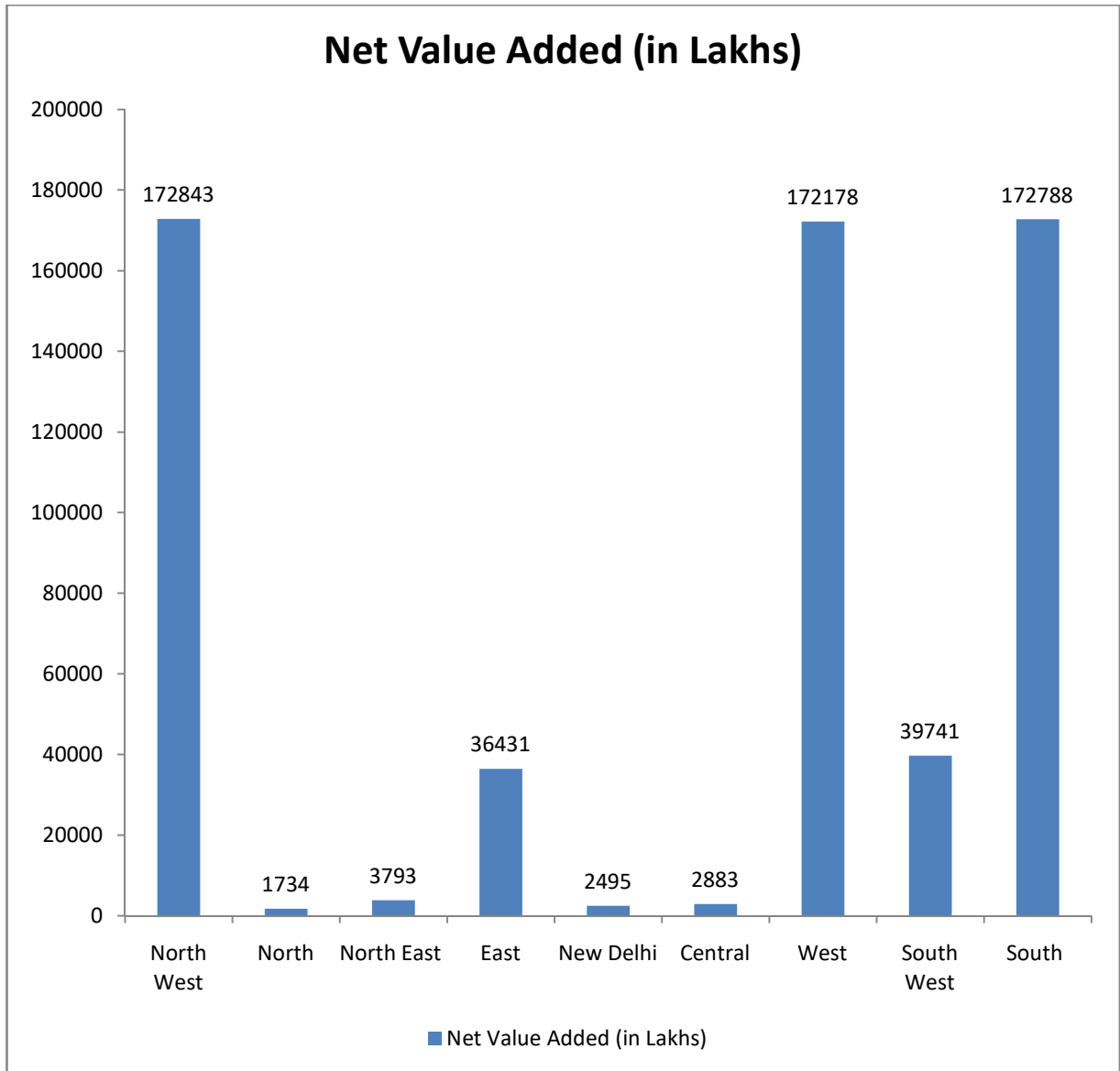
Net Value Added by Manufacturer

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

Districts	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 Lakhs)	(in Nos.)	(in Nos.)	(in Lakhs)	(in Rs.)	(in Rs.)	
North West	865	3421157	20535	31305	172843	841718	552130	0.05
North	32	9490	370	575	1734	468429	301759	0.18
North East	25	37210	319	527	3793	1189956	719390	0.10
East	167	787576	3389	5613	36431	1074848	649068	0.05
New Delhi	19	20708	337	550	2495	740294	453599	0.12
Central	82	13957	666	936	2883	432736	307986	0.21
West	623	1001892	18846	27157	172178	913615	634019	0.17
South West	119	210133	6057	7935	39741	656114	500830	0.19
South	708	978982	24653	37179	172788	700877	464743	0.18
Total	2639	6481104	75172	111776	604886	804669	541157	0.09

The study of the table reveals that:-

- (i) District North-West contributed a maximum value of Net value added ₹ 1, 72,843lakh, highest among all 9 districts i.e. 28.57% of the total as depicted in the graph. Other major contributors of Net value added were districts South, West, South-West and East sharing 28.57%, 28.46%, 6.57% and 6.02% respectively. Thus, these entire five districts shared 98.20% of the total Net value added of the Delhi.
- (ii) ‘Net Value Added per worker’ at ₹ 11, 89,956 was maximum for North-East District and at ₹ 4, 32,736 was minimum in Central District.
- (iii) ‘Net Value Added per employee’ estimated as ₹ 7, 19,390 was highest in North-East District and ₹ 3, 01,759 was minimum in North Delhi 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)		
		2015-16	2016-17	% Change	2015-16	2016-17	% Change	2015-16	2016-17	% Change	2015-16	2016-17	% change	2015-16	2016-17	% change	2015-16	2016-17	% change	2015-16	2016-17	% change
		1	North West	897	865	-3.59	19933	20535	3.02	31811	31305	-1.59	75051	79101	5.40	2948927	3224926	9.36	3172783	3421157	7.83	223856
2	North	41	32	-21.34	437	370	-15.27	673	575	-14.60	1396	1115	-20.13	11966	7560	-36.82	14559	9490	-34.82	2592	1930	-25.55
3	North East	26	25	-5.77	332	319	-3.99	533	527	-1.08	1253	1587	26.62	29741	32849	10.45	33525	37210	10.99	3784	4361	15.24
4	East	212	167	-21.01	3659	3389	-7.37	6134	5613	-8.50	16354	17176	5.03	714513	746975	4.54	784936	787576	0.34	70423	40600	-42.35
5	New Delhi	31	19	-38.71	507	337	-33.53	720	550	-23.61	1766	1598	-9.53	35260	17944	-49.11	39200	20708	-47.17	3940	2764	-29.85
6	Central	84	82	-2.38	715	666	-6.83	1050	936	-10.86	1798	1755	-2.39	11786	10509	-10.83	15815	13957	-11.75	4029	3448	-14.43
7	West	691	623	-9.86	18693	18846	0.82	27156	27157	0.00	65856	67592	2.64	763151	816276	6.96	1036387	1001892	-3.33	273237	185616	-32.07
8	South West	122	119	-2.87	3973	6057	52.45	5760	7935	37.76	16106	18960	17.72	156587	165746	5.85	199168	210133	5.51	42581	44387	4.24
9	South	749	708	-5.53	26499	24653	-6.97	39946	37179	-6.93	99692	100772	1.08	964680	788405	-18.27	1220345	978982	-19.78	255665	190577	-25.46
	Total	2852	2639	-7.47	74747	75172	0.57	113782	111776	-1.76	279272	289654	3.72	5636611	5811192	3.10	6516718	6481104	-0.55	880107	669913	-23.88

Note: Figures may not match exactly due to rounding off

District-wise comparison of major characteristics, ASI 2015-16& 2016-17

Nine out of nine districts in Delhi have registered a decline in the number of factories during the ASI year 2016-17 as compared to 2015-16.

On the whole, Delhi shows a increase of 0.57% in the number of workers as compared to 2015-16. Highly industrialized District North-West shows an increase of 3.02% in the number of workers employed whereas an increase of 52.45%, 3.02% and 0.82%, in number of workers employed was reported in South West, North West and West respectively. Overall six Districts out of nine have shown decrease in number of workers employed. These six districts are New Delhi (-33.53%), North (-15.27%), East (-7.37%), South (-6.97%) and Central(-6.83%).

Number of employees has also decreased in these two highly industrialized Districts viz. North West (-1.59%) and South (-6.93%) whereas highest decrease in New Delhi Districts (-23.61%).

Total Emolument paid is the highest in the South Delhi District (Rs. 1, 00,772 lakh) and it constitutes 34.79% of total emoluments paid.

In respect of Gross Value Added (GVA), District North west excels in the list with its 29.29% share in total GVA. However, it has exhibited a decrease of 12.34% in GVA from the previous year 2015-2016. District North East and South West had shown a growth in GVA by 15.24% &4.24% respectively from the previous year, however. Overall seven districts i.e East (-42.35%), West (-32.07%), New Delhi (-29.85%), North (-25.55%), South (-25.46%), Central Delhi (-14.43%) and North-West (-12.34%) out of nine Districts had shown decline in GVA in comparison to previous year.

Part-II

**Annual Survey of Industry 2016-17
Central+State (Pooled)**

Table I: Principal Characteristics at A Glance

S. No.	Characteristics	Unit	Census	Sample	Total
1	Factories In operation	Number	938	1,701	2,639
2	Fixed Capital	₹ In Lakhs	461,595	235,701	697,296
3	Physical Working Capital	₹ In Lakhs	899,829	198,892	1,098,722
4	Invested Capital	₹ In Lakhs	1,361,424	434,593	1,796,017
5	Working Capital	₹ In Lakhs	672,036	226,994	899,030
6	Outstanding loans	₹ In Lakhs	366,090	296,825	662,916
7	Workers	Number	53,203	21,969	75,172
8	All Employees	Number	79,060	32,716	111,776
9	Mandays Worked (Employees)	Nos in "000"	24,281	9,663	33,943
10	Wages to workers	₹ In Lakhs	82,627	30,330	112,957
11	Total Emoluments	₹ In Lakhs	220,442	69,212	289,654
12	Fuels Consumed	₹ In Lakhs	61,463	42,304	103,767
13	Material Consumed	₹ In Lakhs	2,640,110	1,148,644	3,788,754
14	Other Input	₹ In Lakhs	1,466,423	452,248	1,918,671
15	Total Input	₹ In Lakhs	4,167,996	1,643,196	5,811,192
16	Products	₹ In Lakhs	3,187,486	1,397,626	4,585,112
17	Other Outputs	₹ In Lakhs	1,450,781	445,212	1,895,993
18	Total Outputs	₹ In Lakhs	4,638,267	1,842,838	6,481,104
19	Depreciation	₹ In Lakhs	46,863	18,164	65,027
20	gross value added	₹ In Lakhs	470,271	199,642	669,913
21	net value added	₹ In Lakhs	423,408	181,478	604,886
22	Rent	₹ In Lakhs	31,477	8,099	39,575
23	Interest	₹ In Lakhs	104,994	31,529	136,523
24	Factor Payments (Rent Paid + Interest Paid)	₹ In Lakhs	136,471	39,627	176,098
25	Rent Received + Interest Received	₹ In Lakhs	21,059	5,744	26,803
26	Net Income	₹ In Lakhs	307,996	147,594	455,590

Annual Survey of Industries 2016-17
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Values in ₹ "000"

S.No.	Ind Group	Description	No. of Factories	Fixed Capital	Physical Working Capital	Invested Capital	Working Capital
1	10	Manufacture of food products	147	8,768,317	53,910,786	62,679,102	44,625,930
2	11	Manufacture of beverages	3	69,628	18,198	87,826	-24,372
3	12	Manufacture of tobacco products	23	486,940	663,155	1,150,095	1,455,314
4	13	Manufacture of textiles	110	1,726,774	1,320,021	3,046,795	1,981,529
5	14	Manufacture of wearing apparel	310	7,029,516	8,719,856	15,749,371	8,186,523
6	15	Manufacture of leather and related products	160	1,608,336	2,998,478	4,606,814	2,139,119
7	16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8	103,830	201,678	305,508	286,611
8	17	Manufacture of paper and paper products	54	636,815	634,631	1,271,446	708,839
9	18	Printing and reproduction of recorded media	206	3,837,656	1,874,070	5,711,725	2,646,634
10	19	Manufacture of coke and refined petroleum products	3	12,705	20,742	33,446	141,707
11	20	Manufacture of chemicals and chemical products	54	4,550,608	10,304,365	14,854,973	5,364,962
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	31	492,680	582,848	1,075,527	146,765
13	22	Manufacture of rubber and plastics products	179	2,334,688	1,624,563	3,959,251	4,669,216
14	23	Manufacture of other non-metallic mineral products	13	198,882	153,528	352,410	345,921
15	24	Manufacture of basic metals	106	635,253	1,052,458	1,687,711	1,583,487
16	25	Manufacture of fabricated metal products, except machinery and equipment	284	2,502,345	3,035,474	5,537,819	3,637,221
17	26	Manufacture of computer, electronic and optical products	87	1,208,516	2,446,182	3,654,698	4,419,480
18	27	Manufacture of electrical equipment	197	8,855,564	4,153,859	13,009,424	-4,244,000
19	28	Manufacture of machinery and equipment n.e.c.	165	1,913,240	2,071,670	3,984,911	3,302,660
20	29	Manufacture of motor vehicles, trailers and semi-trailers	122	1,213,730	1,301,783	2,515,513	1,394,978
21	30	Manufacture of other transport equipment	16	151,950	66,452	218,403	101,625
22	31	Manufacture of furniture	22	204,351	91,408	295,759	170,935
23	32	Other manufacturing	62	1,157,552	1,038,834	2,196,387	2,915,289
24	33	Repair and installation of machinery and equipment	10	733,707	1,265,258	1,998,965	208,101
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	210	7,116,197	9,709,929	16,826,126	3,016,788
26	52	Warehousing and support activities for transportation	15	1,496,676	638	1,497,315	30,629
27	58	Publishing activities	8	349,720	90,338	440,058	161,961
28	95	Repair of computers and personal and household goods	13	254,149	365,551	619,700	1,267,743
29	96	Other personal service activities	5	22,310	4,100	26,410	9,919
30		Others	13	10,056,938	151,310	10,208,248	-748,469
Total			2,639	69,729,572	109,872,165	179,601,736	89,903,043

Annual Survey of Industries 2016-17
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Values in ₹ "000"

S.No.	Ind Group	Description	Outstanding Loans	Mandyas Employee	Workers	Employees	Wages to Workers
1	10	Manufacture of food products	16,368,756	4,885	9,777	15,238	1,682,543
2	11	Manufacture of beverages	5,065	136	323	454	58,736
3	12	Manufacture of tobacco products	626,655	298	707	993	89,624
4	13	Manufacture of textiles	2,361,970	1,035	2,420	3,465	326,026
5	14	Manufacture of wearing apparel	5,397,394	7,339	17,677	24,199	2,373,667
6	15	Manufacture of leather and related products	2,106,231	1,327	3,268	4,426	443,128
7	16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	129,040	91	142	300	26,168
8	17	Manufacture of paper and paper products	325,644	436	874	1,460	108,989
9	18	Printing and reproduction of recorded media	3,358,778	1,378	3,132	4,666	471,183
10	19	Manufacture of coke and refined petroleum products	3,131	14	31	47	5,225
11	20	Manufacture of chemicals and chemical products	2,220,994	642	1,570	2,151	204,095
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	433,168	507	818	1,715	133,363
13	22	Manufacture of rubber and plastics products	2,526,301	1,020	2,314	3,445	322,016
14	23	Manufacture of other non-metallic mineral products	70,463	103	272	345	35,020
15	24	Manufacture of basic metals	1,278,921	327	828	1,176	110,488
16	25	Manufacture of fabricated metal products, except machinery and equipment	2,912,470	2,070	5,129	6,960	756,209
17	26	Manufacture of computer, electronic and optical products	1,220,692	1,159	2,064	3,917	300,647
18	27	Manufacture of electrical equipment	8,279,339	1,800	3,814	6,040	540,568
19	28	Manufacture of machinery and equipment n.e.c.	1,427,485	1,265	2,591	4,253	405,062
20	29	Manufacture of motor vehicles, trailers and semi-trailers	1,199,375	1,140	3,041	3,851	417,358
21	30	Manufacture of other transport equipment	223,940	120	310	417	54,991
22	31	Manufacture of furniture	137,041	135	288	455	35,414
23	32	Other manufacturing	854,229	800	1,861	2,646	267,765
24	33	Repair and installation of machinery and equipment	1,237,523	747	1,911	2,431	436,343
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	6,116,831	4,098	7,315	13,193	1,202,987
26	52	Warehousing and support activities for transportation	97,305	69	151	234	30,964
27	58	Publishing activities	243,755	73	75	230	13,482
28	95	Repair of computers and personal and household goods	9,489	400	1,001	1,319	207,599
29	96	Other personal service activities	11,091	36	65	117	9,809
30		Others	5,108,483	497	1,403	1,635	226,236
Total			66,291,560	33,943	75,172	111,776	11,295,703

Annual Survey of Industries 2016-17
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Values in ₹ "000"

S.No	Ind Group	Description	Total Emoluments	Other Inputs	Total Inputs	Products	Other Output
1	10	Manufacture of food products	49,39,656	7,79,97,894	31,68,60,919	25,71,27,151	7,53,06,817
2	11	Manufacture of beverages	1,15,644	2,84,883	5,05,870	32,24,231	2,38,781
3	12	Manufacture of tobacco products	2,43,917	7,37,149	72,80,743	87,39,328	5,252
4	13	Manufacture of textiles	7,97,671	21,13,960	72,81,204	71,91,416	19,69,846
5	14	Manufacture of wearing apparel	55,77,038	1,12,77,888	3,42,28,375	3,88,80,923	39,97,105
6	15	Manufacture of leather and related products	9,50,867	27,20,039	1,29,12,046	1,33,00,155	17,78,418
7	16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	86,435	3,52,402	6,27,632	4,57,857	3,68,211
8	17	Manufacture of paper and paper products	3,96,929	5,04,249	25,21,757	24,01,908	9,99,846
9	18	Printing and reproduction of recorded media	10,78,001	16,65,991	1,01,07,942	1,03,11,304	27,26,348
10	19	Manufacture of coke and refined petroleum products	9,144	11,139	2,41,364	3,01,079	851
11	20	Manufacture of chemicals and chemical products	5,78,777	32,04,162	2,01,38,841	2,02,47,814	13,49,660
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	5,74,158	10,94,578	26,53,883	30,44,260	6,95,673
13	22	Manufacture of rubber and plastics products	9,23,341	14,29,766	1,14,28,760	1,26,54,742	11,41,633
14	23	Manufacture of other non-metallic mineral products	62,410	1,57,290	4,62,819	4,65,010	2,15,843
15	24	Manufacture of basic metals	1,84,784	34,92,946	1,05,49,111	75,34,519	38,58,721
16	25	Manufacture of fabricated metal products, except machinery and equipment	15,24,606	25,81,469	1,43,19,805	1,53,37,834	22,59,686
17	26	Manufacture of computer, electronic and optical products	13,85,370	28,95,794	1,28,72,274	1,28,61,563	32,94,968
18	27	Manufacture of electrical equipment	15,65,221	37,85,405	2,13,83,083	2,16,36,736	27,52,602
19	28	Manufacture of machinery and equipment n.e.c.	11,92,792	11,23,957	74,17,760	89,41,492	7,37,822
20	29	Manufacture of motor vehicles, trailers and semi-trailers	7,43,585	4,75,623	46,76,360	56,53,418	1,17,257
21	30	Manufacture of other transport equipment	94,964	73,895	4,30,869	4,66,557	1,30,637
22	31	Manufacture of furniture	91,535	1,74,955	7,82,950	8,31,430	1,20,621
23	32	Other manufacturing	7,75,885	20,01,560	54,31,728	59,79,413	18,21,218
24	33	Repair and installation of machinery and equipment	8,95,410	23,13,159	24,27,772	21,266	28,03,349
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	33,24,525	6,51,30,751	6,82,84,489	1,30,168	7,60,06,720
26	52	Warehousing and support activities for transportation	78,683	50,676	1,27,301	0	2,30,023
27	58	Publishing activities	73,667	2,19,286	4,16,044	2,59,596	2,05,626
28	95	Repair of computers and personal and household goods	3,44,935	21,52,641	24,79,252	0	28,67,938
29	96	Other personal service activities	20,833	13,694	71,812	-28	1,11,358
30		Others	3,34,600	18,29,895	21,96,392	5,10,047	14,86,426
Total			2,89,65,381	19,18,67,096	58,11,19,157	45,85,11,191	18,95,99,255

Annual Survey of Industries 2016-17

**Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)**

Values in ₹ "000"

S.No	Ind Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
1	10	Manufacture of food products	33,24,33,968	9,45,067	1,46,27,982	8,76,630	60,97,086
2	11	Manufacture of beverages	34,63,012	39,404	29,17,738	11,175	833
3	12	Manufacture of tobacco products	87,44,580	74,777	13,89,060	55,703	1,03,304
4	13	Manufacture of textiles	91,61,263	2,17,505	16,62,553	79,849	2,17,481
5	14	Manufacture of wearing apparel	4,28,78,028	7,11,273	79,38,380	6,08,559	8,88,441
6	15	Manufacture of leather and related products	1,50,78,573	2,01,134	19,65,393	87,568	4,54,504
7	16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8,26,067	7,118	1,91,317	18,716	26,911
8	17	Manufacture of paper and paper products	34,01,754	1,11,023	7,68,975	20,638	51,485
9	18	Printing and reproduction of recorded media	1,30,37,651	5,70,958	23,58,751	1,94,102	3,65,300
10	19	Manufacture of coke and refined petroleum products	3,01,930	2,479	58,088	0	6
11	20	Manufacture of chemicals and chemical products	2,15,97,475	2,96,311	11,62,323	88,202	2,47,019
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	37,39,933	63,416	10,22,634	30,042	62,305
13	22	Manufacture of rubber and plastics products	1,37,96,375	2,84,051	20,83,563	71,737	3,99,042
14	23	Manufacture of other non-metallic mineral products	6,80,854	28,351	1,89,684	5,413	15,932
15	24	Manufacture of basic metals	1,13,93,240	58,098	7,86,030	10,210	2,70,400
16	25	Manufacture of fabricated metal products, except machinery and equipment	1,75,97,520	2,33,877	30,43,838	90,988	3,21,192
17	26	Manufacture of computer, electronic and optical products	1,61,56,532	1,53,804	31,30,454	95,753	2,41,745
18	27	Manufacture of electrical equipment	2,43,89,338	3,09,792	26,96,462	1,50,913	8,84,453
19	28	Manufacture of machinery and equipment n.e.c.	96,79,314	1,90,884	20,70,671	79,017	1,85,108
20	29	Manufacture of motor vehicles, trailers and semi-trailers	57,70,675	1,49,600	9,44,716	40,584	1,62,969
21	30	Manufacture of other transport equipment	5,97,194	47,356	1,18,968	672	38,270
22	31	Manufacture of furniture	9,52,051	12,017	1,57,084	11,201	18,887
23	32	Other manufacturing	78,00,630	1,45,496	22,23,406	1,11,736	88,425
24	33	Repair and installation of machinery and equipment	28,24,616	1,06,394	2,90,450	61,221	4,29,835
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	7,61,36,888	9,09,461	69,42,938	10,27,029	15,54,020
26	52	Warehousing and support activities for transportation	2,30,023	7,027	95,695	64	1,955
27	58	Publishing activities	4,65,222	26,901	22,276	10,546	60,049
28	95	Repair of computers and personal and household goods	28,67,938	1,07,430	2,81,256	1,05,149	46,136
29	96	Other personal service activities	1,11,330	3,437	36,081	4,475	2,974
30		Others	19,96,473	4,88,235	-6,88,154	9,656	4,16,232
Total			64,81,10,446	65,02,677	6,04,88,612	39,57,549	1,36,52,297

Annual Survey of Industries 2016-17
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Values in ₹ "000"

S.No.	Ind Group	Description	Net Income	Factor Payment	Fuel Consumed	Material Consumed
1	10	Manufacture of food products	82,14,989	69,73,716	28,16,248	23,60,46,777
2	11	Manufacture of beverages	29,06,340	12,008	57,082	1,63,904
3	12	Manufacture of tobacco products	12,64,580	1,59,006	1,24,502	64,19,093
4	13	Manufacture of textiles	14,37,670	2,97,330	2,61,516	49,05,727
5	14	Manufacture of wearing apparel	70,06,410	14,97,000	9,88,483	2,19,62,004
6	15	Manufacture of leather and related products	15,41,070	5,42,072	5,84,634	96,07,373
7	16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,51,770	45,627	8,914	2,66,316
8	17	Manufacture of paper and paper products	7,17,515	72,123	1,07,960	19,09,547
9	18	Printing and reproduction of recorded media	19,10,247	5,59,402	4,31,686	80,10,266
10	19	Manufacture of coke and refined petroleum products	58,082	6	4,542	2,25,683
11	20	Manufacture of chemicals and chemical products	9,10,671	3,35,221	3,25,403	1,66,09,275
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	9,45,059	92,347	81,768	14,77,537
13	22	Manufacture of rubber and plastics products	16,74,799	4,70,780	6,35,938	93,63,056
14	23	Manufacture of other non-metallic mineral products	1,70,133	21,345	63,460	2,42,069
15	24	Manufacture of basic metals	5,26,812	2,80,609	7,59,754	62,96,411
16	25	Manufacture of fabricated metal products, except machinery and equipment	26,74,760	4,12,180	6,01,024	1,11,37,313
17	26	Manufacture of computer, electronic and optical products	29,45,640	3,37,498	1,59,217	98,17,263
18	27	Manufacture of electrical equipment	17,69,882	10,35,366	4,29,589	1,71,68,090
19	28	Manufacture of machinery and equipment n.e.c.	19,69,471	2,64,125	1,71,995	61,21,807
20	29	Manufacture of motor vehicles, trailers and semi-trailers	7,95,336	2,03,552	2,25,506	39,75,231
21	30	Manufacture of other transport equipment	84,679	38,942	48,081	3,08,894
22	31	Manufacture of furniture	1,32,416	30,088	23,395	5,84,600
23	32	Other manufacturing	21,28,611	2,00,161	1,32,003	32,98,165
24	33	Repair and installation of machinery and equipment	-91,059	4,91,056	34,131	80,481
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	45,38,891	25,81,049	8,80,060	22,73,678
26	52	Warehousing and support activities for transportation	96,981	2,019	75,288	1,337
27	58	Publishing activities	20,981	70,596	15,424	1,81,334
28	95	Repair of computers and personal and household goods	1,33,987	1,51,285	25,534	3,01,077
29	96	Other personal service activities	29,449	7,450	8,693	49,425
30		Others	-11,07,127	4,25,888	2,94,848	71,650
Total			4,55,59,046	1,76,09,846	1,03,76,677	37,88,75,384

Annual survey of industry 2016-17
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Values in ₹"000"

S.No	Industry Group	Description	No. of factories	Fixed Capital	Physical working capital	Invested Capital	Working capital
1	101,103	Processing and preserving of meat and fruit and vegetables.	10	442518	531795	974313	-173864
2	104,105	Manufacture of vegetable and animal oils and fats and dairy products	4	625188	5790683	6415871	269581
3	106	Manufacture of grain mill products, starches and starch products	74	4226832	45744439	49971271	38134525
4	107	Manufacture of other food products	60	3473778	1843869	5317647	6395687
5	110	Manufacture of beverages	3	69628	18198	87826	-24372
6	120	Manufacture of tobacco products	23	486940	663155	1150095	1455314
7	131	Spinning, weaving and finishing of textiles	20	354147	201133	555280	260415
8	139	Manufacture of other textiles	90	1372626	1118888	2491514	1721114
9	141	Manufacture of wearing apparel, except fur apparel	306	6960207	8646817	15607024	8111378
10	143	Manufacture of knitted and crocheted apparel	4	69309	73039	142348	75145
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	14	222910	311022	533931	277426
12	152	Manufacture of footwear	146	1385426	2687457	4072883	1861693
13	161,162	Saw Milling and planing of wood, manufacture of products of wood, cork, straw and plaiting material	8	103830	201678	305508	286611
14	170	Manufacture of paper and paper products	54	636815	634631	1271446	708839
15	181,182	Printing and service activities related to printing and reproduction of recorded media	206	3837656	1874070	5711725	2646634
16	192	Manufacture of refined petroleum products	3	12705	20742	33446	141707
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	12	336571	206765	543335	708055
18	202	Manufacture of other chemical products	39	4076708	9691364	13768072	4603146
19	203	Manufacture of man-made fibres	3	137329	406237	543566	53760
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	31	492680	582848	1075527	146765
21	221	Manufacture of rubber products	25	84617	33542	118159	26287
22	222	Manufacture of plastics products	154	2250070	1591021	3841092	4642930
23	231	Manufacture of glass and glass products	7	68068	56984	125053	-112026
24	239	Manufacture of non-metallic mineral products n.e.c.	6	130814	96544	227358	457947
25	241	Manufacture of basic iron and steel	77	274317	665580	939897	954916
26	242	Manufacture of basic precious and other non-ferrous metals	17	288695	272232	560927	412832
27	243	Casting of metals	12	72240	114646	186886	215739
28	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators and manufacture of weapons and ammunition	36	225713	374396	600109	555627

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	248	2276632	2661078	4937710	3081594
30	261	Manufacture of electronic components	23	299464	429907	729372	847134
31	262,263	Manufacture of computers and peripheral equipment and communication equipment	7	63418	652043	715461	328397
32	264	Manufacture of consumer electronics	42	381115	841909	1223025	2631631
33	265	Manufacture of measuring, testing, navigating and control equipment;	12	429249	486217	915466	592818
34	266,267	Manufacture of irradiation, electromedical and electrotherapeutic equipment and optical instruments and equipment	4	35269	36105	71374	19501
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	68	7267922	1018810	8286732	-979108
36	272	Manufacture of batteries and accumulators	4	15795	6432	22227	-3349
37	273	Manufacture of wiring and wiring devices	55	379505	1398196	1777702	-5304927
38	274	Manufacture of electric lighting equipment	21	117624	163982	281607	113403
39	275	Manufacture of domestic appliances	24	510553	629403	1139956	919477
40	279	Manufacture of other electrical equipment	26	564165	937036	1501201	1010503
41	281	Manufacture of general purpose machinery	82	1132481	1075078	2207559	1937539
42	282	Manufacture of special-purpose machinery	83	780760	996592	1777352	1365122
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	10	214933	153282	368216	136016
44	293	Manufacture of parts and accessories for motor vehicles	112	998797	1148501	2147297	1258962
45	302,309	Manufacture of railway locomotives and rolling stock and Transport Equipment n.e.c.	16	151950	66452	218403	101625
46	310	Mfr of Furniture	22	204351	91408	295759	170935
47	321	Manufacture of jewellery, bijouterie and related articles	6	91280	228945	320225	609651
48	323	manufacture of sports goods	3	21235	18181	39416	16703
49	324	Manufacture of games and toys	10	60468	162511	222980	146944
50	325	Manufacture of medical and dental instruments and supplies	16	639118	414146	1053264	1967710
51	322, 329	Manufacture of musical instruments and other manufacturing n.e.c.	27	345450	215052	560502	174282
52	331	Repair of fabricated metal products, machinery and equipment	10	733707	1265258	1998965	208101
53	452	Maintenance and repair of motor vehicles	199	7004337	9202644	16206981	2410733
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	11	111860	507285	619146	606056
55	521	Warehousing and storage	15	1496676	638	1497315	30629
56	581	Publishing of books, periodicals and other publishing activities	8	349720	90338	440058	161961
57	951	Repair of computers and communication equipment	6	161274	293992	455266	1184942
58	952	Repair of personal and household goods	7	92875	71559	164434	82801
59	960	Other personal service activities	5	22310	4100	26410	9919
60		Others	13	10056938	151310	10208248	-748469
		Total	2639	69729572	109872165	179601736	89903043

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Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Values in ₹"000"

S.No	Industry Group	Description	Outstanding Loans	Mandys Employee	Employees	Workers	Wages to Workers
1	101,103	Processing and preserving of meat and fruit and vegetables	39338	557	1858	1332	299716
2	104,105	Manufacture of vegetable and animal oils and fats and dairy products	44706	206	579	328	144677
3	106	Manufacture of grain mill products, starches and starch products	15073439	1028	3379	1823	261233
4	107	Manufacture of other food products	1211273	3094	9422	6294	976917
5	110	Manufacture of beverages	5065	136	454	323	58736
6	120	Manufacture of tobacco products	626655	298	993	707	89624
7	131	Spinning, weaving and finishing of textiles	268213	159	556	407	52511
8	139	Manufacture of other textiles	2093757	876	2909	2013	273515
9	141	Manufacture of wearing apparel, except fur apparel	5300901	7300	24067	17586	2360498
10	143	Manufacture of knitted and crocheted apparel	96493	39	132	91	13169
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	126486	137	454	332	48993
12	152	Manufacture of footwear	1979745	1189	3972	2936	394135
13	161,162	Saw Milling and planing of wood and manufacture of products of wood, cork, straw and plaiting materials	129040	91	300	142	26168
14	170	Manufacture of paper and paper products	325644	436	1460	874	108989
15	181, 182	Printing and service activities related to printing and reproduction of recorded media	3358778	1378	4666	3132	471183
16	192	Manufacture of refined petroleum products	3131	14	47	31	5225
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	480365	106	362	243	35852
18	202	Manufacture of other chemical products	1353361	501	1674	1261	159576
19	203	Manufacture of man-made fibres	387268	34	115	66	8667
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	433168	507	1715	818	133363
21	221	Manufacture of rubber products	99594	95	320	246	34066
22	222	Manufacture of plastics products	2426707	925	3125	2068	287950
23	231	Manufacture of glass and glass products	1317	25	83	56	6634
24	239	Manufacture of non-metallic mineral products n.e.c.	69146	79	262	216	28386
25	241	Manufacture of basic iron and steel	760343	204	749	505	63345
26	242	Manufacture of basic precious and other non-ferrous metals	418144	55	197	138	22751
27	243	Casting of metals	100434	68	230	185	24391
28	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators and weapons and ammunition	293766	215	738	531	77616
29	259	Manufacture of other fabricated metal products; metalworking service activities	2618704	1855	6221	4598	678593
30	261	Manufacture of electronic components	367972	237	796	510	67622

S.No	Industry Group	Description	Outstanding Loans	Mandys Employee	Employees	Workers	Wages to Workers
31	262, 263	Manufacture of computers and peripheral equipment and communication equipment	108486	257	844	402	45142
32	264	Manufacture of consumer electronics	254875	343	1150	815	122529
33	265	Manufacture of measuring, testing, navigating and control equipment;	471225	302	1058	286	57087
34	266,267	Manufacture of irradiation, electromedical and electrotherapeutic equipment and optical instruments and equipment	18135	20	69	51	8266
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	4992755	661	2233	1358	213298
36	272	Manufacture of batteries and accumulators	30077	13	45	26	3451
37	273	Manufacture of wiring and wiring devices	1531741	401	1349	928	125960
38	274	Manufacture of electric lighting equipment	136976	150	500	311	42881
39	275	Manufacture of domestic appliances	968927	268	886	499	67233
40	279	Manufacture of other electrical equipment	618863	306	1027	692	87746
41	281	Manufacture of general purpose machinery	754409	676	2270	1269	206626
42	282	Manufacture of special-purpose machinery	673075	588	1982	1323	198436
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	147857	85	286	214	27129
44	293	Manufacture of parts and accessories for motor vehicles	1051518	1054	3565	2827	390229
45	302, 309	Manufacture of railway locomotives and rolling stock and Transport equipment n.e.c.	223940	120	417	310	54991
46	310	Mfr of Furniture	137041	135	455	288	35414
47	321	Manufacture of jewellery, bijouterie and related articles	2398	121	405	303	38259
48	323	manufacture of sports goods	13604	17	56	43	5486
49	324	Manufacture of games and toys	167763	65	216	168	21848
50	325	Manufacture of medical and dental instruments and supplies	263032	395	1296	913	146369
51	322,329	Manufacture of musical instruments and other manufacturing n.e.c.	407432	202	673	434	55803
52	331	Repair of fabricated metal products, machinery and equipment	1237523	747	2431	1911	436343
53	452	Maintenance and repair of motor vehicles	5610456	3967	12763	7082	1171184
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	506375	131	430	233	31803
55	521	Warehousing and storage	97305	69	234	151	30964
56	581	Publishing of books, periodicals and other publishing activities	243755	73	230	75	13482
57	951	Repair of computers and communication equipment	9489	246	809	582	103799
58	952	Repair of personal and household goods	0	154	510	419	103800
59	960	Other personal service activities	11091	36	117	65	9809
60		Others	5108483	497	1635	1403	226236
		Total	66291560	33943	111776	75172	11295703

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**Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)**

Values in ₹"000"

S.No	Industry Group	Description	Total moluments	Other Inputs	Total Inputs	Products	Other Output
1	101, 103	Processing and preserving of meat and fruit and vegetables	762775	1617563	8330119	6547864	1399046
2	104, 105	Manufacture of vegetable and animal oils and fats and dairy products	414144	45691714	56067011	10767567	46246590
3	106	Manufacture of grain mill products, starches and starch products	911531	25099716	233030465	219536523	24318075
4	107	Manufacture of other food products	2851206	5588902	19433325	20275198	3343105
5	110	Manufacture of beverages	115644	284883	505870	3224231	238781
6	120	Manufacture of tobacco products	243917	737149	7280743	8739328	5252
7	131	Spinning, weaving and finishing of textiles	159129	161160	885381	957684	270383
8	139	Manufacture of other textiles	638542	1952800	6395823	6233732	1699463
9	141	Manufacture of wearing apparel, except fur apparel	5551317	11258219	33962887	38562317	3990588
10	143	Manufacture of knitted and crocheted apparel	25721	19669	265487	318606	6517
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	114906	336601	1208175	1280962	139626
12	152	Manufacture of footwear	835961	2383438	11703871	12019192	1638792
13	161, 162	Saw Milling and planing of wood and Manufacture of product of wood, cork, straw and plaiting materials	86435	352402	627632	457857	368211
14	170	Manufacture of paper and paper products	396929	504249	2521757	2401908	999846
15	181, 182	Printing and service activities related to printing and Reproduction of recorded media	1078001	1665991	10107942	10311304	2726348
16	192	Manufacture of refined petroleum products	9144	11139	241364	301079	851
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	101252	187954	1762109	1925382	114932
18	202	Manufacture of other chemical products	449387	2628756	17110033	17321076	796939
19	203	Manufacture of man-made fibres	28138	387452	1266698	1001356	437789
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	574158	1094578	2653883	3044260	695673
21	221	Manufacture of rubber products	52587	14440	296866	364136	13860
22	222	Manufacture of plastics products	870754	1415326	11131895	12290606	1127774
23	231	Manufacture of glass and glass products	18068	68182	289958	264199	69673
24	239	Manufacture of non-metallic mineral products n.e.c.	44342	89108	172861	200812	146170
25	241	Manufacture of basic iron and steel	103320	3265417	6562220	3419739	3535382
26	242	Manufacture of basic precious and other non-ferrous metals	38365	180212	3359003	3414631	255013
27	243	Casting of metals	43099	47317	627887	700150	68326
28	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators and weapons and ammunition	157940	93073	937486	1085708	59608
29	259	Manufacture of other fabricated metal products; metalworking service activities	1366666	2488395	13382319	14252126	2200078
30	261	Manufacture of electronic components	241100	935842	2403775	1858756	897222

S.No	Industry Group	Description	Total moluments	Other Inputs	Total Inputs	Products	Other Output
31	262, 263	Manufacture of computers and peripheral equipment and communication equipment	264436	305540	3006733	3199351	178004
32	264	Manufacture of consumer electronics	277777	214091	4701243	6177785	52636
33	265	Manufacture of measuring, testing, navigating and control equipment;	586820	1409108	2613892	1431445	2166506
34	266, 267	Manufacture of irradiation, electromedical and electrotherapeutic equipment and optical instruments and equipment	15238	31213	146630	194226	600
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	695312	2498294	5874675	4466103	2208726
36	272	Manufacture of batteries and accumulators	12718	11771	165896	159385	1216
37	273	Manufacture of wiring and wiring devices	286737	533930	8494039	9300767	150958
38	274	Manufacture of electric lighting equipment	113800	53816	667069	836986	9156
39	275	Manufacture of domestic appliances	224049	285800	2369775	2675323	209808
40	279	Manufacture of other electrical equipment	232606	401794	3811630	4198172	172738
41	281	Manufacture of general purpose machinery	692674	582293	3591504	4314159	503389
42	282	Manufacture of special-purpose machinery	500118	541664	3826256	4627333	234433
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	60023	84792	674451	782080	10438
44	293	Manufacture of parts and accessories for motor vehicles	683562	390831	4001909	4871339	106818
45	302, 309	Manufacture of railway locomotives and rolling stock and transport equipment n.e.c.	94964	73895	430869	466557	130637
46	310	Mfr of Furniture	91535	174955	782950	831430	120621
47	321	Manufacture of jewellery, bijouterie and related articles	103345	99335	924061	934779	198487
48	323	manufacture of sports goods	8656	49027	100038	65352	49951
49	324	Manufacture of games and toys	40421	37691	315269	408659	3477
50	325	Manufacture of medical and dental instruments and supplies	472957	1696490	2478074	2779627	1537545
51	322, 329	Manufacture of musical instruments and other manufacturing n.e.c.	150505	119017	1614286	1790996	31757
52	331	Repair of fabricated metal products, machinery and equipment	895410	2313159	2427772	21266	2803349
53	452	Maintenance and repair of motor vehicles	3227765	60003374	63118402	130168	70501968
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	96760	5127377	5166087	0	5504752
55	521	Warehousing and storage	78683	50676	127301	0	230023
56	581	Publishing of books, periodicals and other publishing activities	73667	219286	416044	259596	205626
57	951	Repair of computers and communication equipment	180536	1908666	2212929	0	2517024
58	952	Repair of personal and household goods	164399	243975	266323	0	350914
59	960	Other personal service activities	20833	13694	71812	-28	111358
60		Others	334600	1829895	2196392	510047	1486426
		Total	28965381	191867096	581119157	458511191	189599255

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**Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)**

Values in ₹"000"

S.No	Industry Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
1	101, 103	Processing and preserving of meat and fruit and vegetables	7946910	65261	-448470	95093	11499
2	104, 105	Manufacture of vegetable and animal oils and fats and dairy products	57014157	98027	849119	146366	13424
3	106	Manufacture of grain mill products, starches and starch products	243854598	400394	10423739	115897	5864961
4	107	Manufacture of other food products	23618303	381385	3803594	519274	207201
5	110	Manufacture of beverages	3463012	39404	2917738	11175	833
6	120	Manufacture of tobacco products	8744580	74777	1389060	55703	103304
7	131	Spinning, weaving and finishing of textiles	1228067	56998	285688	10618	33110
8	139	Manufacture of other textiles	7933196	160508	1376865	69231	184370
9	141	Manufacture of wearing apparel, except fur apparel	42552905	705720	7884297	605327	875435
10	143	Manufacture of knitted and crocheted apparel	325123	5553	54082	3233	13006
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1420589	14229	198185	8816	19838
12	152	Manufacture of footwear	13657985	186906	1767208	78752	434666
13	161, 162	Saw Milling and planing of wood and Manufacture of product of wood, cork, straw and plaiting materials	826067	7118	191317	18716	26911
14	170	Manufacture of paper and paper products	3401754	111023	768975	20638	51485
15	181, 182	Printing and service activities related to printing and reproduction of recorded media	13037651	570958	2358751	194102	365300
16	192	Manufacture of refined petroleum products	301930	2479	58088	0	6
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	2040314	31773	246432	16008	80989
18	202	Manufacture of other chemical products	18118015	233232	774750	71346	127149
19	203	Manufacture of man-made fibres	1439145	31307	141140	848	38880
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	3739933	63416	1022634	30042	62305
21	221	Manufacture of rubber products	377995	11324	69806	852	11850
22	222	Manufacture of plastics products	13418380	272728	2013758	70885	387192
23	231	Manufacture of glass and glass products	333871	5693	38220	3494	5135
24	239	Manufacture of non-metallic mineral products n.e.c.	346982	22657	151464	1920	10796
25	241	Manufacture of basic iron and steel	6955120	37011	355889	5884	166318
26	242	Manufacture of basic precious and other non-ferrous metals	3669644	14210	296431	1130	94360
27	243	Casting of metals	768476	6877	133711	3195	9721
28	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators and weapons and ammunition	1145316	26883	180946	13661	21787

S.No	Industry Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
29	259	Manufacture of other fabricated metal products; metalworking service activities	16452204	206994	2862892	77327	299406
30	261	Manufacture of electronic components	2755978	40759	311443	23325	59010
31	262, 263	Manufacture of computers and peripheral equipment and communication equipment	3377355	16266	354356	22204	14661
32	264	Manufacture of consumer electronics	6230421	44912	1484266	9958	14751
33	265	Manufacture of measuring, testing, navigating and control equipment;	3597951	50304	933755	30995	144416
34	266, 267	Manufacture of irradiation, electromedical and electrotherapeutic equipment and optical instruments and equipment	194827	1563	46634	9271	8908
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	6674829	86170	713984	75088	463651
36	272	Manufacture of batteries and accumulators	160601	4666	-9961	1624	7284
37	273	Manufacture of wiring and wiring devices	9451725	64438	893249	21404	209694
38	274	Manufacture of electric lighting equipment	846141	11716	167357	7181	26692
39	275	Manufacture of domestic appliances	2885131	68805	446551	26885	79729
40	279	Manufacture of other electrical equipment	4370910	73998	485282	18731	97404
41	281	Manufacture of general purpose machinery	4817548	99695	1126349	33590	112595
42	282	Manufacture of special-purpose machinery	4861766	91188	944321	45427	72513
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	792518	15618	102449	2287	7415
44	293	Manufacture of parts and accessories for motor vehicles	4978157	133981	842267	38297	155554
45	302, 309	Manufacture of railway locomotives and rolling stock and Transport equipment n.e.c.	597194	47356	118968	672	38270
46	310	Mfr of Furniture	952051	12017	157084	11201	18887
47	321	Manufacture of jewellery, bijouterie and related articles	1133266	15381	193824	7735	2428
48	323	Manufacture of sports goods	115303	1561	13704	743	1609
49	324	Manufacture of games and toys	412135	11968	84898	10004	18458
50	325	Manufacture of medical and dental instruments and supplies	4317172	89681	1749417	82712	31460
51	322, 329	Manufacture of musical instruments and other manufacturing n.e.c.	1822754	26905	181563	10544	34470
52	331	Repair of fabricated metal products, machinery and equipment	2824616	106394	290450	61221	429835
53	452	Maintenance and repair of motor vehicles	70632136	892627	6621107	975542	1466437
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	5504752	16834	321831	51487	87583
55	521	Warehousing and storage	230023	7027	95695	64	1955
56	581	Publishing of books, periodicals and other publishing activities	465222	26901	22276	10546	60049
57	951	Repair of computers and communication equipment	2517024	103598	200497	71117	46081
58	952	Repair of personal and household goods	350914	3832	80759	34032	55
59	960	Other personal service activities	111330	3437	36081	4475	2974
60		others	1996473	488235	-688154	9656	416232
		Total	648110446	6502677	60488612	3957549	13652297

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Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Values in ₹"000"						
S.No	Industry Group	Description	Net Income	Factor Payment	Fuel consumed	Materials Consumed
1	101, 103	Processing and preserving of meat and fruit and vegetables	-463395	106592	246938	6465617
2	104, 105	Manufacture of vegetable and animal oils and fats and dairy products	692287	159791	145859	10229439
3	106	Manufacture of grain mill products, starches and starch products	4583895	5980858	1643385	206287364
4	107	Manufacture of other food products	3402201	726475	780067	13064356
5	110	Manufacture of beverages	2906340	12008	57082	163904
6	120	Manufacture of tobacco products	1264580	159006	124502	6419093
7	131	Spinning, weaving and finishing of textiles	263286	43728	91152	633069
8	139	Manufacture of other textiles	1174384	253602	170365	4272658
9	141	Manufacture of wearing apparel, except fur apparel	6968429	1480762	976423	21728245
10	143	Manufacture of knitted and crocheted apparel	37981	16239	12060	233759
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddler and harness; dressing and dyeing of fur	189396	28654	11286	860287
12	152	Manufacture of footwear	1351674	513418	573347	8747086
13	161, 162	Saw Milling and planing of wood, and Manufacture of products of wood, cork, straw and plaiting materials	151770	45627	8914	266316
14	170	Manufacture of paper and paper products	717515	72123	107960	1909547
15	181, 182	Printing and service activities related to printing and reproduction of recorded media	1910247	559402	431686	8010266
16	192	Manufacture of refined petroleum products	58082	6	4542	225683
17	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	160146	96998	63703	1510451
18	202	Manufacture of other chemical products	647018	198496	186491	14294787
19	203	Manufacture of man-made fibres	103507	39728	75209	804037
20	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	945059	92347	81768	1477537
21	221	Manufacture of rubber products	72984	12703	35333	247093
22	222	Manufacture of plastics products	1601815	458077	600606	9115963
23	231	Manufacture of glass and glass products	30399	8629	28760	193016
24	239	Manufacture of non-metallic mineral products n.e.c.	139734	12716	34700	49052
25	241	Manufacture of basic iron and steel	198180	172202	558707	2738096
26	242	Manufacture of basic precious and other non-ferrous metals	206026	95491	103514	3075277
27	243	Casting of metals	122607	12916	97533	483038
28	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators and weapons and ammunition	154234	35448	31021	813392
29	259	Manufacture of other fabricated metal products; metalworking service activities	2520525	376732	570003	10323921
30	261	Manufacture of electronic components	279284	82335	57227	1410706

S.No	Industry Group	Description	Net Income	Factor Payment	Fuel consumed	Materials Consumed
31	262, 263	Manufacture of Computers and peripheral equipment and communication equipment	343057	36865	6447	2694746
32	264	Manufacture of consumer electronics	1530305	24709	62235	4424917
33	265	Manufacture of measuring, testing, navigating and control equipment;	764540	175410	23254	1181530
34	266, 267	Manufacture of irradiation, electromedical and electrotherapeutic equipment and optical instruments and equipment	28455	18179	10053	105364
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	203098	538739	94751	3281630
36	272	Manufacture of batteries and accumulators	-18811	8907	10535	143590
37	273	Manufacture of wiring and wiring devices	690859	231098	157133	7802976
38	274	Manufacture of electric lighting equipment	135223	33873	19670	593583
39	275	Manufacture of domestic appliances	374728	106614	65229	2018746
40	279	Manufacture of other electrical equipment	384787	116135	82271	3327565
41	281	Manufacture of general purpose machinery	1111232	146185	76848	2932362
42	282	Manufacture of special-purpose machinery	858239	117940	95147	3189446
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	103053	9702	28519	561140
44	293	Manufacture of parts and accessories for motor vehicles	692283	193850	196986	3414091
45	302, 309	Manufacture of railway and locomotives and rolling stock and Transport equipment n.e.c.	84679	38942	48081	308894
46	310	Mfr of Furniture	132416	30088	23395	584600
47	321	Manufacture of jewellery, bijouterie and related articles	214523	10163	12115	812612
48	323	manufacture of sports goods	11484	2351	2542	48469
49	324	Manufacture of games and toys	56921	28462	12643	264935
50	325	Manufacture of medical and dental instruments and supplies	1705115	114172	60556	721027
51	322, 329	Manufacture of musical instruments and other manufacturing n.e.c.	140570	45014	44147	1451122
52	331	Repair of fabricated metal products, machinery and equipment	-91059	491056	34131	80481
53	452	Maintenance and repair of motor vehicles	4351803	2441979	856334	2258694
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	187089	139070	23726	14984
55	521	Warehousing and storage	96981	2019	75288	1337
56	581	Publishing of books, periodicals and other publishing activities	20981	70596	15424	181334
57	951	Repair of computers and communication equipment	87315	117198	8578	295686
58	952	Repair of personal and household goods	46672	34087	16956	5391
59	960	Other personal service activities	29449	7450	8693	49425
60		Other	-1107127	425888	294848	71650
		Total	45559046	17609846	10376677	378875384

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Table IV: Important Characteristics By Employment Range

(3 Digits of NIC 2008)

Values in ₹"000"

S.No	Emp. Range	Factories Covered	Fixed Capital	Productive Capital	Mandays Employees	Emoluments	Input	Output	Depreciation	Value Added
1	0--4	85	6,924	25,658	26	179	2,035	2,251	146	70
2	5--9	137	3,266	29,156	180	1,213	15,739	17,415	506	1,169
3	10--19	319	15,258	34,987	707	4,519	62,578	72,870	1,356	8,936
4	20--49	809	96,479	192,268	3,211	24,232	470,916	513,477	10,095	32,467
5	50-99	617	133,780	246,519	6,609	53,145	1,527,223	1,670,463	13,283	129,957
6	100-199	424	109,031	328,854	7,927	69,670	1,069,895	1,223,397	14,015	139,486
7	200-299	120	137,816	172,531	3,716	33,252	554,054	667,348	8,030	105,264
8	300-399	40	56,341	104,189	2,355	24,633	356,236	387,590	5,317	26,037
9	400-499	23	16,219	27,035	1,257	11,727	642,706	698,678	2,345	53,626
10	500 & above	65	122,182	435,129	7,955	67,084	1,109,809	1,227,616	9,934	107,873
		2,639	697,296	1,596,326	33,943	289,654	5,811,192	6,481,104	65,027	604,886

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Table V Distribution of Workers and employees by major industry groups
(2 Digits of NIC 2008)

S.No.	Ind Group	Description	No. of Factories (in Nos.)	Employees (in Nos.)	Mandys Employee (in '000' Nos.)	Workers (in Nos.)	Wages to Workers (in ₹'000')	Total Emoluments (in ₹'000')	Workers Per Unit	Employee Per Unit	Emolument Per Employee (in ₹)
1	10	Manufacture of food products	147	15,238	4,885	9,777	1,682,543	4,939,656	66	103	324,169
2	11	Manufacture of beverages	3	454	136	323	58,736	115,644	108	151	254,723
3	12	Manufacture of tobacco products	23	993	298	707	89,624	243,917	31	43	245,636
4	13	Manufacture of textiles	110	3,465	1,035	2,420	326,026	797,671	22	32	230,200
5	14	Manufacture of wearing apparel	310	24,199	7,339	17,677	2,373,667	5,577,038	57	78	230,462
6	15	Manufacture of leather and related products	160	4,426	1,327	3,268	443,128	950,867	20	28	214,849
7	16	Manufacture of wood and products of wood and cork, except furniture;	8	300	91	142	26,168	86,435	18	38	288,117
8	17	Manufacture of paper and paper products	54	1,460	436	874	108,989	396,929	16	27	271,800
9	18	Printing and reproduction of recorded media	206	4,666	1,378	3,132	471,183	1,078,001	15	23	231,043
10	19	Manufacture of coke and refined petroleum products	3	47	14	31	5,225	9,144	10	16	194,545
11	20	Manufacture of chemicals and chemical products	54	2,151	642	1,570	204,095	578,777	29	40	269,073
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	31	1,715	507	818	133,363	574,158	26	55	334,835
13	22	Manufacture of rubber and plastics products	179	3,445	1,020	2,314	322,016	923,341	13	19	268,049
14	23	Manufacture of other non-metallic mineral products	13	345	103	272	35,020	62,410	21	27	180,898

S.N o.	Ind Group	Description	No. of Factories (in Nos.)	Employees (in Nos.)	Mandyas Employee (in '000' Nos.)	Workers (in Nos.)	Wages to Workers (in ₹'000')	Total Emoluments (in ₹'000')	Workers Per Unit	Employee Per Unit	Emolument Per Employee (in ₹)
15	24	Manufacture of basic metals	106	1,176	327	828	110,488	184,784	8	11	157,156
16	25	Manufacture of fabricated metal products, except machinery and equipment	284	6,960	2,070	5,129	756,209	1,524,606	18	24	219,061
17	26	Manufacture of computer, electronic and optical products	87	3,917	1,159	2,064	300,647	1,385,370	24	45	353,712
18	27	Manufacture of electrical equipment	197	6,040	1,800	3,814	540,568	1,565,221	19	31	259,143
19	28	Manufacture of machinery and equipment n.e.c.	165	4,253	1,265	2,591	405,062	1,192,792	16	26	280,482
20	29	Manufacture of motor vehicles, trailers and semi-trailers	122	3,851	1,140	3,041	417,358	743,585	25	32	193,109
21	30	Manufacture of other transport equipment	16	417	120	310	54,991	94,964	19	25	227,640
22	31	Manufacture of furniture	22	455	135	288	35,414	91,535	13	20	200,991
23	32	Other manufacturing	62	2,646	800	1,861	267,765	775,885	30	43	293,229
24	33	Repair and installation of machinery and equipment	10	2,431	747	1,911	436,343	895,410	191	243	368,330
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	210	13,193	4,098	7,315	1,202,987	3,324,525	35	63	251,998
26	52	Warehousing and support activities for transportation	15	234	69	151	30,964	78,683	10	16	336,254
27	58	Publishing activities	8	230	73	75	13,482	73,667	9	29	320,292
28	95	Repair of computers and personal and household goods	13	1,319	400	1,001	207,599	344,935	77	101	261,512
29	96	Other personal service activities	5	117	36	65	9,809	20,833	13	23	178,056
30		Others	13	1,635	497	1,403	226,236	334,600	112	131	204,648
		Total	2,639	111,776	33,943	75,172	11,295,703	28,965,381	28	42	259,137

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Table VI: Principal characteristics by year of Initial Production

Values in ₹ Lakh										
S.No	Year	Factories Covered (in Nos.)	Fixed capital	Productive Capital	Employees (in Nos.)	Emoluments	Total Input	Total Output	Depreciation	Value Added
1	Upto 1950	31	10322	25840	1799	8103	55628	85284	964	28692
2	1951-1960	62	3,388	12,764	1,328	3,080	32,495	37,076	574	4,007
3	1961-1970	173	14,572	110,785	3,192	10,231	81,052	111,362	1,359	28,951
4	1971-1980	366	142,973	200,782	13,056	37,954	836,025	893,978	7,251	50,701
5	1981-1990	443	102,969	217,766	21,218	58,963	782,477	875,577	10,257	82,842
6	1991-2000	601	146,039	548,171	27,961	68,398	2,225,026	2,437,033	17,728	194,279
7	2001-2010	712	117,684	290,967	29,581	68,912	1,403,652	1,592,562	13,946	174,965
8	2011 & onwards	251	159,348	189,251	13,642	34,012	394,836	448,233	12,948	40,448
Total		2,639	697,296	1,596,326	111,776	289,654	5,811,192	6,481,104	65,027	604,886

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

S.No.	Ind Group	Description	No. of Factories	Invested capital to Fixed	Input Output Ratio	Value Added Output	Fixed Capital Output	Invested Capital Output
1	10	Manufacture of food products	147	7.15	0.95	0.04	0.03	0.19
2	11	Manufacture of beverages	3	1.26	0.15	0.84	0.02	0.03
3	12	Manufacture of tobacco products	23	2.36	0.83	0.16	0.06	0.13
4	13	Manufacture of textiles	110	1.76	0.79	0.18	0.19	0.33
5	14	Manufacture of wearing apparel	310	2.24	0.80	0.19	0.16	0.37
6	15	Manufacture of leather and related products	160	2.86	0.86	0.13	0.11	0.31
7	16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8	2.94	0.76	0.23	0.13	0.37
8	17	Manufacture of paper and paper products	54	2.00	0.74	0.23	0.19	0.37
9	18	Printing and reproduction of recorded media	206	1.49	0.78	0.18	0.29	0.44
10	19	Manufacture of coke and refined petroleum products	3	2.63	0.80	0.19	0.04	0.11
11	20	Manufacture of chemicals and chemical products	54	3.26	0.93	0.05	0.21	0.69
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	31	2.18	0.71	0.27	0.13	0.29
13	22	Manufacture of rubber and plastics products	179	1.70	0.83	0.15	0.17	0.29
14	23	Manufacture of other non-metallic mineral products	13	1.77	0.68	0.28	0.29	0.52
15	24	Manufacture of basic metals	106	2.66	0.93	0.07	0.06	0.15
16	25	Manufacture of fabricated metal products, except machinery and equipment	284	2.21	0.81	0.17	0.14	0.31
17	26	Manufacture of computer, electronic and optical products	87	3.02	0.80	0.19	0.07	0.23
18	27	Manufacture of electrical equipment	197	1.47	0.88	0.11	0.36	0.53
19	28	Manufacture of machinery and equipment n.e.c.	165	2.08	0.77	0.21	0.20	0.41
20	29	Manufacture of motor vehicles, trailers and semi-trailers	122	2.07	0.81	0.16	0.21	0.44
21	30	Manufacture of other transport equipment	16	1.44	0.72	0.20	0.25	0.37
22	31	Manufacture of furniture	22	1.45	0.82	0.16	0.21	0.31
23	32	Other manufacturing	62	1.90	0.70	0.29	0.15	0.28
24	33	Repair and installation of machinery and equipment	10	2.72	0.86	0.10	0.26	0.71
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	210	2.36	0.90	0.09	0.09	0.22
26	52	Warehousing and support activities for transportation	15	1.00	0.55	0.42	6.51	6.51
27	58	Publishing activities	8	1.26	0.89	0.05	0.75	0.95
28	95	Repair of computers and personal and household goods	13	2.44	0.86	0.10	0.09	0.22
29	96	Other personal service activities	5	1.18	0.65	0.32	0.20	0.24
30		Others	13	1.02	1.10	-0.34	5.04	5.11
		Total	2,639	2.58	0.90	0.09	0.11	0.28

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

S.No.	Ind Group	Description	Emoluments per Employee	Output per Worker	Input per Worker	Value added per worker	Invested Capital per Worker	Wages per Worker
1	10	Manufacture of food products	324,169	34,001,294	32,408,485	1,496,148	6,410,809	172,090
2	11	Manufacture of beverages	254,723	10,721,399	1,566,160	9,033,244	271,909	181,844
3	12	Manufacture of tobacco products	245,636	12,368,571	10,298,081	1,964,724	1,626,726	126,766
4	13	Manufacture of textiles	230,200	3,784,925	3,008,189	686,875	1,258,766	134,696
5	14	Manufacture of wearing apparel	230,462	2,425,692	1,936,364	449,089	890,972	134,283
6	15	Manufacture of leather and related products	214,849	4,614,248	3,951,261	601,437	1,409,748	135,603
7	16	Manufacture of wood and products of wood and cork, except furniture;	288,117	5,817,376	4,419,941	1,347,306	2,151,467	184,285
8	17	Manufacture of paper and paper products	271,800	3,891,722	2,884,975	879,733	1,454,577	124,687
9	18	Printing and reproduction of recorded media	231,043	4,162,601	3,227,217	753,091	1,823,613	150,437
10	19	Manufacture of coke and refined petroleum products	194,545	9,739,692	7,785,939	1,873,796	1,078,915	168,548
11	20	Manufacture of chemicals and chemical products	269,073	13,756,353	12,827,287	740,333	9,461,766	129,997
12	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	334,835	4,570,648	3,243,365	1,249,782	1,314,424	162,986
13	22	Manufacture of rubber and plastics products	268,049	5,962,320	4,939,118	900,445	1,711,052	139,164
14	23	Manufacture of other non-metallic mineral products	180,898	2,503,138	1,701,541	697,367	1,295,626	128,749
15	24	Manufacture of basic metals	157,156	13,757,197	12,737,922	949,122	2,037,890	133,412
16	25	Manufacture of fabricated metal products, except machinery and equipment	219,061	3,430,993	2,791,936	593,458	1,079,710	147,438
17	26	Manufacture of computer, electronic and optical products	353,712	7,829,053	6,237,584	1,516,940	1,770,976	145,686
18	27	Manufacture of electrical equipment	259,143	6,395,085	5,606,821	707,035	3,411,178	141,741
19	28	Manufacture of machinery and equipment n.e.c.	280,482	3,735,277	2,862,536	799,078	1,537,789	156,315
20	29	Manufacture of motor vehicles, trailers and semi-trailers	193,109	1,897,660	1,537,800	310,665	827,215	137,246
21	30	Manufacture of other transport equipment	227,640	1,929,542	1,392,146	384,389	705,663	177,675
22	31	Manufacture of furniture	200,991	3,304,766	2,717,783	545,271	1,026,641	122,929
23	32	Other manufacturing	293,229	4,191,634	2,918,715	1,194,737	1,180,219	143,882
24	33	Repair and installation of machinery and equipment	368,330	1,478,083	1,270,419	151,989	1,046,031	228,332
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	251,998	10,408,178	9,334,728	949,124	2,300,190	164,453
26	52	Warehousing and support activities for transportation	336,254	1,523,330	843,051	633,743	9,915,992	205,063
27	58	Publishing activities	320,292	6,202,959	5,547,256	297,016	5,867,435	179,756
28	95	Repair of computers and personal and household goods	261,512	2,865,073	2,476,775	280,975	619,081	207,391
29	96	Other personal service activities	178,056	1,712,768	1,104,800	555,094	406,309	150,907
30		Others	204,648	1,422,834	1,565,311	-490,429	7,275,150	161,232
		Total	259,137	8,621,692	7,730,519	804,669	2,389,208	150,265

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Table IX: General Pattern of Cost of Production by Size of Capital

Values in ₹ Lakh

Capital Range (Gross Value of Plant & Machinery)	Factories Covered	Fuels	Material	Other input	Total input	Total output	Emoluments	Depreciation
less than 10.00	1,119	19,083	320,471	174,888	514,442	586,953	38,842	6,231
10.00-25.00	157	3,211	69,615	23,261	96,087	107,678	7,790	1,082
25.00-50.00	199	5,001	203,140	35,287	243,428	285,504	16,065	2,301
50.00-75.00	124	3,965	117,001	148,255	269,221	294,936	9,148	1,912
75.00-100.00	58	1,533	57,695	40,705	99,932	123,867	4,955	987
100.00-200.00	186	6,464	253,698	46,336	306,497	346,638	15,461	3,739
200.00-250.00	56	1,705	39,933	15,583	57,221	65,637	5,385	2,887
250.00-350.00	77	2,026	57,000	28,824	87,850	104,973	9,768	1,134
350.00-500.00	147	4,965	241,618	77,665	324,247	364,830	19,257	2,545
500.00-750.00	130	6,217	148,312	59,611	214,140	257,091	20,193	3,652
750.00-1000.00	72	4,555	69,347	80,937	154,839	184,601	14,387	2,896
1000.00&above	313	45,042	2,210,925	1,187,319	3,443,285	3,758,396	128,402	35,661
Total	2,639	103,767	3,788,754	1,918,671	5,811,192	6,481,104	289,654	65,027

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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, 46,90	Others
2	3 digit of NIC 2008	101	103
		104	105
		161	162
		182	181
		252	251
		262	263
		266	267
		302	309
		322	329