



**GOVERNMENT OF NCT OF DELHI**



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**GOVERNMENT OF NCT OF DELHI**

**REPORT ON  
ANNUAL SURVEY OF INDUSTRIES  
2018-2019**

**DIRECTORATE OF ECONOMICS & STATISTICS  
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## **PREFACE**

The present report is on Annual Survey of Industries (ASI) 2018-2019 of the Govt. of NCT of Delhi, thirty eighth 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 Eighth time when DES, Delhi participated in the field work of ASI 2018-19 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 328 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 Sh. C.K.Dutta, Joint Director, Sh. Manish Dev, Joint Director, L.L. Meena, Deputy Director and Sh. Sunder Lal, Assistant Director. The report has been prepared by Sh. Pradeep Kumar, Statistical Officer, with the assistance of highly energetic staff of ASI branch, Ms. Binni Choudhary, Sh. Sachin Kumar, Sh. Pardeep Kumar, Rohini Pokhrel, Naveen Rawat, Shilpi Sinha and Sh. Pardeep Kumar Yadav, Statistical Assistants.

Data processing and tabulation work has been done in the EDP unit by Ms. Nirmala Joseph K, 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 NSO (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**  
**December, 2021**

**Ashok Kumar**  
**Director**

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## **CHAPTER – I**

### **INTRODUCTION**

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

Up to ASI 2010-11 the Annual Survey of Industries has so far been conducted annually under the statutory provisions of the collection of Statistics 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 Office (NSSO), Government of India. Under the arrangement, provision has been made for the supply of unit level data of ASI by the National Statistical Office NSO (IS Wing), Kolkata to the Directorate of Economics & Statistics for use of State Government.

It is for the eighth time when DES, Delhi participated in the field work of ASI 2018-19 on residual sample units. The report has been prepared by pooling unit level data provided by NSO (IS Wing), Govt. of India, having Census & Sample sector units and unit level data of 328 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 & 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 & cigar establishments and electricity undertakings. 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 of 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  $s$ -thstratum 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 Aggregates Y:** The variance is to be obtained for the sample sector units only. The estimated variances of the estimate 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 :

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

For generating estimates of variance for the pooled sample is:

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

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

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

**4.3 Estimates of RSE:**

$$R\hat{S}E(\hat{Y}) = \frac{\sqrt{V\hat{ar}(\hat{Y})}}{\hat{Y}} \times 100 \dots\dots\dots(11)$$

**Multipliers for enterprises:**

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

**Reference Period**

Reference period for ASI 2018-2019 was the accounting year of the factory, ending on any day during the financial year 2018-2019. Thus in ASI 2018-2019 data collected from respective establishment relate to their accounting year ended on any day between 1<sup>st</sup> April, 2018 and 31<sup>st</sup> March, 2019. Survey was conducted in the year June, 2020 to December, 2020.

## **Schedule of Enquiry**

The schedule for ASI 2018-2019 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 AND 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.

**OUTSTANDING LOAN** represents all long term liabilities of the unit for the purpose of ASI. It includes all long-term loans, whether interest bearing or not, outstanding according to the books of the factory as on the closing day of accounting year. But, in context of ASI, this represents loans, which have duration of more than one year (i.e. long-term) only.

**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 contributions 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 2018-19

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 2018-19 with comparative figures available for the year 2017-18, have been depicted in Statement-1 below:

#### **STATEMENT-1: IMPORTANT CHARACTERISTICS OF THE ORGANISED INDUSTRIAL (FACTORY) SECTOR DURING ASI 2017-18 AND 2018-19.**

##### **STATEMENT 1: IMPORTANT CHARACTERISTICS OF THE ORGANISED INDUSTRIAL (FACTORY) SECTOR DURING ASI 2017-18 AND 2018-19**

S. No.	Characteristics	Unit	2017-18	2018-19	%Increase(+)/Decrease(-) Over the year
1	Factories In operation	Number	2459	2459	0%
2	Fixed Capital	Rs. In Lakh	663000	741082	11.78
3	Working Capital	Rs. In Lakh	554274	593530	7.08
4	Productive Capital	Rs. In Lakh	1217274	1334612	9.64
5	Invested Capital	Rs In Lakh	1327419	1403652	5.74
6	Outstanding loans	Rs. In Lakh	477659	490400	2.67
7	Mandays Worked (Employees)	No. In Lakh	319	335	5.06
8	Workers	Number	70414	74685	6.07
9	All Employees	Number	105146	110502	5.09
10	Wages to workers	Rs. In Lakh	117473	145295	23.68
11	Total Emoluments	Rs. In Lakh	291004	333505	14.60
12	Total Input	Rs. In Lakh	3984772	4227947	6.10
13	Total Outputs	Rs. In Lakh	4659198	4866210	4.44
14	Gross Value Added	Rs. In Lakh	674426	638264	-5.36
15	Depreciation	Rs. In Lakh	72826	76653	5.26
16	Factor Payments (Rent Paid + Interest Paid)	Rs. In Lakh	124901	86692	-30.59
17	Net Income	Rs. In Lakh	502242	495401	-1.36

## **CONCENTRATION OF FACTORIES**

The summary results (Annexure Table II) revealed that during the reference period of ASI 2018-19, the most of factories were engaged in Manufacture of Wearing apparel (NIC-14) (12.40%) followed by Manufacture of Fabricated Metals Products except Machinery (NIC-25)(9.35%),Printing & Reproduction of Recorded Media (NIC-18) (8.87%),Wholesale & Retail Trade & Repair of Motor Vehicles (NIC-45) (8.30%), ,Manufacture of electrical equipment(NIC-27) (7.28%) and Manufacture of Machinery and Equipment n.e.c. (NIC-28) (6.18%). These six industries together have constituted 52.38% of the total working factories, provided employment to 51.32% of the total employees and utilized 33.77% of fixed capital stock. Their shares in the Gross Value of Output and Net Value Added by manufacture were 29.21% and 47.48% respectively.

During ASI 2018-19 the numbers of working factories are same as in 2017-18. However Outstanding Loans, Total Input, Invested Capital And Fixed Capital increased by 2.67%, 6.10%, 5.74% and 11.78% respectively. Also, Total Emoluments and No. of workers increased during current year from previous year by 14.60% and 6.07% respectively. At the same time, GVA and Net Income have decreased by 5.36% and 1.36% during ASI 2018-19.The major decrease in GVA was observed in the industry groups, Repair and installation of machinery and equipment (NIC-33) 760.04%, Manufacture of textiles (NIC-13) 47.79%, Manufacture of electrical equipment (NIC-27) 44.57%, and Manufacture of chemicals and chemical products (NIC-20) 38.78%

## **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 statement 2.

**STATEMENT -2: FACTORIES CLASSIFIED BY TYPE OF ORGANIZATION**

<b>S.No.</b>	<b>Type of Ownership/Organization</b>	<b>Census</b>	<b>Sample</b>	<b>Total</b>
<b>1</b>	<b>Individual Proprietorship</b>	167	558	725
		17.80%	36.71%	29.50%
<b>2</b>	<b>Partnership</b>	219	429	648
		23.35%	28.19%	26.34%
<b>3</b>	<b>Limited Liability Partnership</b>	8	12	20
		0.85%	0.80%	0.82%
<b>4</b>	<b>Govt. Company-Public</b>	1	3	4
		0.11%	0.21%	0.17%
<b>5</b>	<b>Govt. Company-Private</b>	0	4	4
		0.00%	0.24%	0.15%
<b>6</b>	<b>Non-Govt Company- Public</b>	33	13	46
		3.52%	0.88%	1.89%
<b>7</b>	<b>Non-Govt Company- Private</b>	509	501	1010
		54.26%	32.96%	41.09%
<b>8</b>	<b>Others (HUF, Trust, Handlooms, KVIC etc.)</b>	1	0	1
		0.11%	0.00%	0.04%
	<b>TOTAL</b>	938	1521	2459
		100.00%	100.00%	100.00%

**The study of the statement-2 reveals that:**

- (i) Factories under the group ‘Non-Government Company--Private’ numbering 1,010 (41.09%) were the highest in the factory sector, followed by ‘Individual Proprietorship’ 725 units (29.50%), and Partnership 648 (26.34%).
- (ii) In the Census Sector, ‘Non-Government Company-Private’ 509 (54.26%), Partnership 219 (23.35%) and Individual Proprietorship 167 (17.80%) 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 558 (36.71%) occupied the top position, followed by ‘Non-Government Company-Private’ 501 (32.96%) and Partnership 429 (28.19%).

**(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:-

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

<b>S.No</b>	<b>Year</b>	<b>Census</b>	<b>Sample</b>	<b>Total</b>
<b>1</b>	<b>Upto 1950</b>	10	12	22
		1.07%	0.79%	0.90%
<b>2</b>	<b>1951-1960</b>	19	45	64
		2.03%	2.94%	2.59%
<b>3</b>	<b>1961-1970</b>	42	77	119
		4.48%	5.07%	4.84%
<b>4</b>	<b>1971-1980</b>	91	196	287
		9.70%	12.89%	11.67%
<b>5</b>	<b>1981-1990</b>	144	300	444
		15.35%	19.73%	18.06%
<b>6</b>	<b>1991-2000</b>	179	328	507
		19.08%	21.58%	20.63%
<b>7</b>	<b>2001-2010</b>	290	367	657
		30.92%	24.15%	26.73%
<b>8</b>	<b>2011 &amp; Onwards</b>	163	196	359
		17.38%	12.86%	14.58%
<b>Total</b>		<b>938</b>	<b>1521</b>	<b>2459</b>
		<b>100.00%</b>	<b>100.0%</b>	<b>100.0%</b>

**It would be seen from the statement-3 that:-**

- (i) Out of total 2459 units covered, only 22 (0.90 %) 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 started their production in the period 2001-2010 as 657 (26.73%).
- (ii) In the Census Sector, the maximum numbers of 290 units (30.92%) were set up in the period 2001-10, while 179 units (19.08%) during 1991-2000.
- (iii) Similarly, in Sample Sector the maximum numbers of 367 units (24.15%) were setup during the period 2001-2010 and 328 units (21.58%) during 1991-2000.

## CAPITAL STRUCTURE

During the reference period 2018-19, the fixed capital invested in the factories covered under the survey was estimated at ₹7411 crore, Productive Capital ₹ 13346 crore and Invested Capital ₹14037 crore. Fixed Capital and Invested Capital have increased by 11.78% and 5.74% respectively and Productive Capital has also increased by 9.64% compared to those estimated during the corresponding period of 2017-18. From the investment angle, industries such as Mfg. of Food Products& Beverages (NIC-10&11), Mfg. of Chemicals and Chemical products (NIC-20), Mfg. of wearing apparel (NIC-14), Wholesale and retail trade& Repair of Motor vehicles and Motor cycles (NIC-45), and Mfg. of rubber and plastics products (NIC-22) were the most important ones. These industries among themselves shared 43.49% of fixed capital, 50.36% of invested capital and 49.23% of working capital deployed in all the industries taken together.

Statement-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.

### STATEMENT –4: CAPITAL STRUCTURE

(Value in ₹Crore)

S.No.	Sector	Units (In Nos.)	Fixed capital (Value in Crore)	Invested capital (Value in Crore)	Productiv e Capital (Value in Crore)	Ratio of fixed capital		Invested capital per unit (Value in Crore)	Productive Capital per unit(Value in Crore)
						Invested capital (Value in Crore)	Productive Capital (Value in Crore)		
1	Census	938	5592	10459	9306	0.53	0.60	11.15	9.92
		38.15%	75.46%	74.52%	69.73%				
2	Sample	1521	1819	3577	4040	0.51	0.45	2.35	2.66
		61.86%	24.54%	25.48%	30.27%				
	<b>Total</b>	2459	7411	14037	13346	0.53	0.56	5.71	5.43

#### The study of the table reveals that:

The 938 Census Sector Factories constituting 38.15% of factory sector deployed a major share of the capital resources of factory sector viz. ₹ 10459 crore or 74.52% of the total Invested Capital, ₹9306 crore or 69.73% of the total 'Productive Capital' and ₹5592 crore or 75.46% of the total 'Fixed Capital'.

The invested capital per unit' worked out to ₹11.15 crore in the Census sector and 2.3 crore in the Sample sector and ₹ 5.71 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-2008, two major contributors in the invested capital were Industry Group (NIC-10 & 11)-Manufacturing of Food Products and Beverages, and Group (NIC-20)-Manufacture of chemicals and chemical products, with contributions of ₹2334.45 crore (16.63%) and ₹1703.69 cr. (12.14%) respectively. Similarly, in the fixed capital in the factory sector were Group (NIC-10&11)-Manufacturing of Food Products and Beverages, and Group (NIC-20)-Manufacture of chemicals and chemical products, with contributions of ₹807.76 crore (10.90%) and ₹710.68 crore (9.59%).
- (ii) The lowest contribution on the other hand was that of Major Industry Group 96- Other personal service activities, contributing 0.02% in the Invested Capital and Major Industry Group-(NIC-82) Office administrative, office support and other business support activities 0.03% in the fixed capital in the factory sector.
- (iii) The Fixed capital to invested Capital ratio is worked out to 0.53 in the factory sector. The Ratio is highest in major industry group Group52- Ware housing & support activities for transportation (1.00), whereas lowest ratio found in major industry Group 82-Office administrative, office support business support activities(0.16).

**Distribution of Factories by size of Capital:**

Statement –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.



**STATEMENT-5: DISTRIBUTION OF FACTORIES ACCORDING TO CAPITAL SIZE  
(GROSSVALUE OF PLANT AND MACHINERY)**

S.No	Capital Size	No of factories covered			
	(In Lakhs)	Census	Sample	Total	Cumulative
1	Less than 10.00	264	553	817	817
		28.14%	36.37%	33.23%	
2	10.00-25.00	79	97	176	993
		8.42%	6.39%	7.16%	
3	25.00-50.00	54	129	183	1177
		5.76%	8.51%	7.46%	
4	50.00-75.00	46	84	130	1307
		4.90%	5.55%	5.30%	
5	75.00-100.00	22	35	57	1364
		2.35%	2.30%	2.31%	
6	100.00-200.00	68	148	216	1581
		7.25%	9.76%	8.80%	
7	200.00-250.00	14	78	92	1672
		1.49%	5.10%	3.73%	
8	250.00-350.00	33	58	91	1763
		3.52%	3.79%	3.69%	
9	350.00-500.00	55	56	111	1873
		5.86%	3.66%	4.50%	
10	500.00-750.00	59	47	106	1979
		6.29%	3.08%	4.30%	
11	750.00-1000.00	31	51	82	2062
		3.30%	3.38%	3.35%	
12	1000.00&above	213	185	398	2459
		22.71%	12.14%	16.17%	
	<b>Total</b>	<b>938</b>	<b>1521</b>	<b>2459</b>	
		<b>100.00%</b>	<b>100.00%</b>	<b>100.01%</b>	

The perusal of statement - 5 reveals that 1,364 (55.47%) units have an investment of less than ₹1.00 crore in the Plant and Machinery while there were only 1095 (44.53%) unit have an investment of over ₹1.00 crore in the Plant & Machinery.

## EMPLOYMENT

The number of persons employed in the Factory Sector during 2018-19 worked out to 1,10,502 out of these, 74,685 (67.59%) were workers engaged exclusively in the production and/or repair services and the remaining 35,817 (32.41%) 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 2017-18 were 1,05,146 and 70,414 indicating an increase of 5.09% and 6.07% respectively in the year 2018-19.

The total number of 'mandays worked', by all employees during the year 2018-19 was about 335 lakhs compared to 319 lakhs during 2017-18 showing thereby increase of 5.02% over previous year.

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

### STATEMENT 6: EMPLOYMENT STRUCTURE AND SOME IMPORTANT RATIOS

S.NO	Sector	Unit	Total Employees	Workers	Mandays worked	Average Employment Per Unit (in Nos)		Man days per year per Employee
		(In Nos.)	(In Nos.)	(In Nos.)	(In '000 )	Employee	Workers	
1	Census	938	80186	53767	24529	85	57	306
		38.15%	72.57%	71.99%	73.22%			
2	Sample	1521	30316	20918	8971	20	14	296
		61.85%	27.43%	28.01%	26.78%			
Total		2459	110502	74685	33500	45	30	303

#### The perusal of statement-6 reveals that:-

- Out of the 74,685 workers in the factory sector 53,767 workers (71.99%) were engaged in the Census sector while the remaining 20,918 workers (28.01%) were employed in Sample sector.
- Per unit employment of workers in the Census sector was 57 compared to 14 in the Sample sector and 30 in the overall factory sector. The corresponding averages in the case of all employees worked out to 85, 20 and 45 for Census, Sample and overall factory sector respectively.

(iii) The respective share of Census and Sample sector factories in the total man days worked in the factory sector was 73.22% and 26.78% respectively.

(iv) Man days worked per employees per year in the Census sector was 306 as compared to 296 in the Sample sector and 303 in the factory sector as a whole.

**The statement-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.**

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

S.No.	Size of Employment (workers)	Factories covered			
		Census	Sample	Total	Cumulative
1	0-4	51	60	111	111
		5.44%	3.95%	4.52%	
2	5 - 9	72	54	126	237
		7.68%	3.56%	5.13%	
3	10 - 19	85	145	230	467
		9.06%	9.51%	9.34%	
4	20 - 49	167	461	628	1095
		17.80%	30.31%	25.54%	
5	50 - 99	202	407	609	1704
		21.54%	26.76%	24.77%	
6	100 - 199	196	278	474	2178
		20.90%	18.26%	19.27%	
7	200 - 299	53	83	136	2314
		5.65%	5.46%	5.53%	
8	300 - 399	26	19	45	2359
		2.77%	1.24%	1.82%	
9	400 - 499	24	0	24	2383
		2.56%	0.00%	0.98%	
10	500	62	15	77	2459
		6.61%	0.96%	3.12%	
<b>Total</b>		938	1521	2459	
		<b>100.00%</b>	<b>100.01%</b>	<b>100.01%</b>	

**The study of the statement –7 shows that:**

- (i) The maximum number of 628 units forming 25.54% of the factory sector recorded under employment size class 20-49. The employment size class 50-99 with 609 units (24.77%) came next, followed by employment size class 100-199 with 474 units (19.27%).
- (ii) Within the Census sector, 375 out of 938 units, i.e. 39.98% have less than 50 workers and 202 units (21.54%) having 50-99 workers and 361 units (38.48%) have more than 100 workers.
- (iii) In the Sample sector, 47.34% of the units (720 out of 1521) employed less than 50 workers each. As many as 407 units constituting 26.76% of total units in the Sample sector employed 50-99 workers each. Further, 395 units constituting 25.97% of the Sample sector reported employment 100 or more workers.

**EMOLUMENTS**

A total sum of ₹ 3335 crore was paid as emoluments to all employees during 2018-19 of which ₹1453 crore were paid as wages to workers and remaining ₹1882 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 ₹2581 crore (77.39%) and ₹754 crore (22.61%) respectively whereas in the case of wages to workers it was ₹1079 crore (74.26%) and ₹374crore (25.74%) respectively.

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

**STATEMENT- 8: EMOLUMENTS, WAGES AND SOME IMPORTANT DERIVATIONS.**

S.No.	Sector	Units	Workers	All Employees	Total emoluments	Total wages	Average	
		In Nos.	In Nos.	In Nos.	In ₹ Crore	In ₹ Crore	Emolument Per Employee(In₹)	Wages Per Worker (In ₹)
1	<b>Census</b>	938	53767	80186	2581	1079	321850	200736
		38.15%	71.99%	72.57%	77.39%	74.26%		
2	<b>Sample</b>	1521	20918	30316	754	374	248802	178627
		61.85%	28.01%	27.43%	22.61%	25.74%		
<b>Total</b>		2459	74686	110502	3335	1453	301810	194543

The above statement 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 38.15% of the factory sector, claimed 77.39% of the emoluments paid to employees. The average emoluments per employee per man-day for the Census sector worked out to ₹1051.80 as against ₹840.55 for the Sample sector and ₹996.07 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 ₹55,657 lakh (17.29%) in the Major Industry Group-(10&11)- Mfg. of Food Product And Beverages, followed by 52,879 lakh (15.86%) in the Major Industry Group 14- Manufacturing of Wearing Apparel and ₹43,067 lakh (12.91%) in the Major Industry Group 45 Wholesale and Retail Trade and Repair of Motor Vehicles and Motorcycles, these three groups together shared around 46.06% of the total emoluments paid in the factory sector.
- (ii) The average emoluments per employee per annum ₹4,44,228 is the maximum in the Major Industry Group 33- Repair and installation of machinery and equipment, while it is the lowest at ₹1,72,600 in the Major Industry Group, 96-Other personal services activities. However, the average emoluments per employee per year for the factory sector worked out to ₹3,01,810.
- (iii) The total wages of ₹26,564 lakh (18.28%) paid to the workers in the Major Industry Group 14-Manufacturing of Wearing Apparel followed by ₹23,674 lakh (16.29%) in the Major Industry Group-10Manufacturing of Food Products and ₹18,348 lakh (12.63%) in the Major Industry g Wholesale and retail trade and repair of motor vehicles and motorcycles. The three groups together accounted for 47.21% 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 ₹ 42,279.47 crore. Out of this, consumption of materials being the principal components accounted for ₹ 25,903.03 (61.27%) crore of the total value of input. The remaining 16,376.44 crore were shared by 'fuels' and 'other inputs', their relevant values being ₹ 1,222.07 crore (2.89%) and ₹ 15,154.37 crore (35.84%) respectively.

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

#### STATEMENT 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	2935145	1608526	54.80	80247	2.73	1246373	42.46
		38.15%	69.42%	62.10%		65.66%		82.25%	
2	Sample	1521	1292801	981777	75.94	41960	3.25	269064	20.81
		61.85%	30.58%	37.90%		34.34%		17.75%	
Total		2459	4227947	2590303	61.27	122207	2.89	1515437	35.84

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

- (i) The Census sector factories, constituting 38.15% of the total factories covered shared 69.42% of the total inputs, while the Sample sector, forming 61.85% of the factories accounted for only 30.58% 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 62.10%, 65.66% and 82.25% respectively. The relevant percentages in the case of Sample sector were 37.90%, 34.34% and 17.75% 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 54.80%, 2.73% and 42.46% respectively compared to 75.94% , 3.25% and 20.81% respectively for the Sample sector as against 61.27% , 2.89% and 35.84% 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 (NIC-10&11) ‘Mfg of Food products& Beverages’ shares 40.33% of the total inputs in the factory sector followed by Group (NIC-14) –‘Manufacturing of Wearing Apparel’, Group (NIC-27)- ‘Manufacture of electrical equipment, Group (NIC-24) – ‘Manufacture of basic metals’, , sharing 7.78%, 5.91%, and 5.85% respectively of total inputs. These four industry groups together accounted for 59.88% 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 (NIC-12)-‘Mfg of tobacco products’ at 93.59% and the lowest at 0.28% in the Major Industry Group (NIC-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 statement-10 of part II the total estimated value of depreciation for all the fixed assets in the factory sector, as per ASI 2018-19 worked out to ₹76,653 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 10.34% in the factory sector.

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

**STATEMENT10: DEPRECIATION RATES IN SOME IMPORTANT MAJOR  
INDUSTRY GROUPS**

Value in Rs.'000'

<b>Ind Group</b>	<b>Description</b>	<b>No. of factories</b>	<b>Fixed Capital</b>	<b>Depreciation</b>	<b>Percentage share of Depreciation in total</b>	<b>Average Rate of Depreciation</b>
10, 11	Mfr. Of Food Products	139	8077639	1076472	14.04	13.33
12	Manufacture of tobacco products	33	706182	97977	1.28	13.87
13	Manufacture of textiles	105	2172236	214371	2.80	9.87
14	Manufacture of wearing apparel	305	6547072	627118	8.18	9.58
15	Manufacture of leather and related products	139	2339141	238407	3.11	10.19
16	Manufacture of wood and products of wood and cork, except furniture;	7	100467	8073	0.11	8.04
17	Manufacture of paper and paper products	52	861701	95172	1.24	11.04
18	Printing and reproduction of recorded media	218	4278324	664224	8.67	15.53
20	Manufacture of chemicals and chemical products	56	7106807	196412	2.56	2.76
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	32	716248	90434	1.18	12.63
22	Manufacture of rubber and plastics products	140	4605908	347589	4.53	7.55
23	Manufacture of other non-metallic mineral products	19	514863	62280	0.81	12.10
24	Manufacture of basic metals	94	627764	70024	0.91	11.15
25	Manufacture of fabricated metal products, except machinery and equipment	230	2726735	275562	3.59	10.11
26	Manufacture of computer, electronic and optical products	83	1599312	201705	2.63	12.61



<b>Ind Group</b>	<b>Description</b>	<b>No. of factories</b>	<b>Fixed Capital</b>	<b>Depreciation</b>	<b>Percentage share of Depreciation in total</b>	<b>Average Rate of Depreciation</b>
27	Manufacture of electrical equipment	179	3246331	348653	4.55	10.74
28	Manufacture of machinery and equipment n.e.c.	152	2337080	183013	2.39	7.83
29	Manufacture of motor vehicles, trailers and semi-trailers	119	1183059	146284	1.91	12.36
30	Mfr. Of Other Transport equipment	27	155040	24624	0.32	15.88
31	Manufacture of furniture	18	78564	12718	0.17	16.19
32	Other manufacturing	53	1064628	137144	1.79	12.88
33	Repair and installation of machinery and equipment	10	903099	173104	2.26	19.17
36, 37, 38	Waste collection, treatment and disposal activities; materials recovery	4	4758452	524192	6.84	11.02
45	Wholesale and retail trade and repair of motor vehicles and motorcycles	204	5890343	913915	11.92	15.52
52	Warehousing and support activities for transportation	16	1623132	11797	0.15	0.73
58	Publishing activities	8	288347	14738	0.19	5.11
82	Office administrative, office support and other business support activities	3	20020	2481	0.03	12.39
95	Repair of computers and personal and household goods	5	165260	53989	0.70	32.67
96	Other personal service activities	3	27384	3274	0.04	11.96
	Others	5	9387083	849548	11.08	9.05
	<b>Total</b>	<b>2459</b>	<b>74108221</b>	<b>7665292</b>	<b>100</b>	<b>10.34</b>

## OUTPUT

Output in an industry includes products, by-products and services generated during the industrial process. The value of total output worked out to ₹ 48662.10 crore as compared to ₹ 46591.98 crore in 2017-18 indicating thereby an increase of 4.44% over the previous year. The worth of products and by-products is ₹ 32572.93 crore whereas ₹ 16089.18 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 statement given below:-

### STATEMENT-11: OUTPUT AND SOME IMPORTANT RELATED RATIOS

(Value in ₹ Lakh)

S. No	Sector	Unit (In Nos)	Total Value of Input	Output			Output Input Ratio	Output per		Output/ Invested capital Ratio
				Product and by Product	Other Output	Total Output		Worker per annum	Employee Mandays (in Rs )	
1	Census	938	2935145	2075762	1336393	3412155	1.16	63.46	13911	3.26
		38.15%	69.42%	63.73%	83.06%	70.12%				
2	Sample	1521	1292801	1181530	272525	1454055	1.12	69.51	16209	4.06
		61.85%	30.58%	36.27%	16.94%	29.88%				
	Total	2459	4227947	3257293	1608918	4866210	1.15	65.16	14526	3.47

#### The study of the statement-11 reveals that:

- (i) The Census Sector constituting 70.12% 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 63.73% and 83.06 % respectively. While in Sample sector comprising 29.88% of the total output. Its share in products and by-products is 36.27% and in other outputs is 16.94%.
- (ii) The 'Output' per unit 'Invested Capital' ratio at 4.06 in the Sample Sector was higher as compared to 3.26 in the Census Sector. Whereas this ratio was 3.47 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 ₹63.46 lakh, ₹69.51 lakh and ₹65.16 lakh respectively.

(iv) 'Production per man days', being the measure of the productivity in an industrial activity, 'Productivity' in the Sample Sector at ₹ 16209 was higher compared to ₹ 13911 in the Census Sector and ₹14526 in the Factory Sector.

(v) Output-Input ratio, on the other hand, was 1.16 in Census sector, 1.12 in Sample sector and 1.15 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 (NIC-10& 11)-'Mfg. of Food products and Beverages', approx. at ₹18183.26 crore worth of output accounting for 37.37% of the total products was the maximum. Major Industry Groups, (NIC-14)-'Manufacture of wearing apparel',8.65% ,Major Industry Groups, (NIC-45)- 'Wholesale and retail trades & repair of motor vehicles and motorcycles' with 5.76%, Industry Groups, (NIC-26)-'Manufacture of computer, electronic and optical products', 5.67%, and Industry Groups (NIC-27)-'Mfg. of electrical equipment' with 5.61%. Came next in that order. These five Major Industry Groups together contributes around 63.06% of the total output in the factory sector.

**STATEMENT- 12: GENERAL PATTERN OF COST OF PRODUCTION**

S. No.	Cost Constituents	Cost as percentage of value of output (value in ₹Lakh)					
		Census		Sample		Factory	
1	Value of Output	3412155	100%	1454055	100%	4866210	100%
2	Value of Input						
	(a) Fuels Consumed	80247	2.35%	41960	2.89%	122207	2.51%
	(b) Material Consumed	1608526	47.14%	981777	67.52%	2590303	53.23%
	(c) Other Input	1246373	36.53%	269064	18.50%	1515437	31.14%
3	Total Input	2935145	86.02%	1292801	88.91%	4227947	86.88%
4	Employee Emoluments	258079	7.56%	75426	5.19%	333505	6.85%
5	Factor Payments	66956	1.96%	19736	1.36%	86692	1.78%
6	Depreciation	57561	1.69%	19092	1.31%	76653	1.58%
	Total costs (3+4+5+6)	3317741	97.23%	1407055	96.77%	4724796	97.09%

**The study of statement 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 97.23% of the 'total value of output' in the Census sector, 96.77% in the Sample sector and 97.09% in the factory sector as a whole.
- (iii) The contribution of materials and stores components of inputs was 53.23% of the total output in the factory Sector. The relevant figures were 47.14% for the Census sector and 67.52% for the Sample sector.
- (iv) The share of 'fuels' also varied substantially in the three sectors. It was only 2.35% of the value of output in the Census sector, 2.89% in the Sample sector and 2.51% in the factory sector.
- (v) The other important factor of the cost viz. 'emoluments' formed only 7.56% of 'total output' in the Census sector, 5.19% in the Sample sector and 6.85% in the factory sector.
- (vi) The percentage contribution of factor payments was 1.96% of 'total value of output' in the Census sector, 1.36% in the Sample sector and 1.78% 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 2018-19 worked out to ₹5616.11 crore.

### STATEMENT-13: VALUE ADDED BY MANUFACTURE AND SOME IMPORTANT RATIO

( Value in ₹ Lakh)

S.No	Sector	Unit (In Nos)	Value added (GVA-Depriciation)	Invested Capital	Value added Invested Capital Ratio	Value added Input Ratio	Value added Output Ratio	Value added per worker (In Rs )	Value added per Employee (In Rs )
1	Census	938	419449	1045933	0.40	0.14	0.12	780123	523095
		38.15%	74.69%	74.52%					
2	Sample	1521	142162	357719	0.40	0.11	0.10	679620	468938
		61.85%	25.31%	25.48%					
Total		2459	561611	1403652	0.40	0.13	0.12	751974	508237

#### The study of the statement reveals that:-

- (i) The share of the Census Sector, constituting 38.15% of the total factories covered, was ₹4194.49 crore or 74.69% of the total value added by manufacture while it worked out to ₹ 1421.62 crore or 25.31% of the total for the Sample Sector.
- (ii) ‘Value added – Invested Capital ratio’ or the ‘Value added per unit of Invested Capital’, was 0.40 in the Sample Sector, 0.40 in the Census Sector and 0.40 in the Factory Sector indicating relatively better return on the Invested Capital in the Census Sector.
- (iii) The ‘Value added per worker’ at ₹7,80,123 in the Census Sector is higher as compared to ₹ 6,79,616 in the Sample Sector and ₹7,51,973 in the Factory Sector.

(iv) The 'Value added per employee' in the, Census, Sample and Factory Sectors were ₹5,23,095, ₹4,68,938 and ₹5,08,237 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.

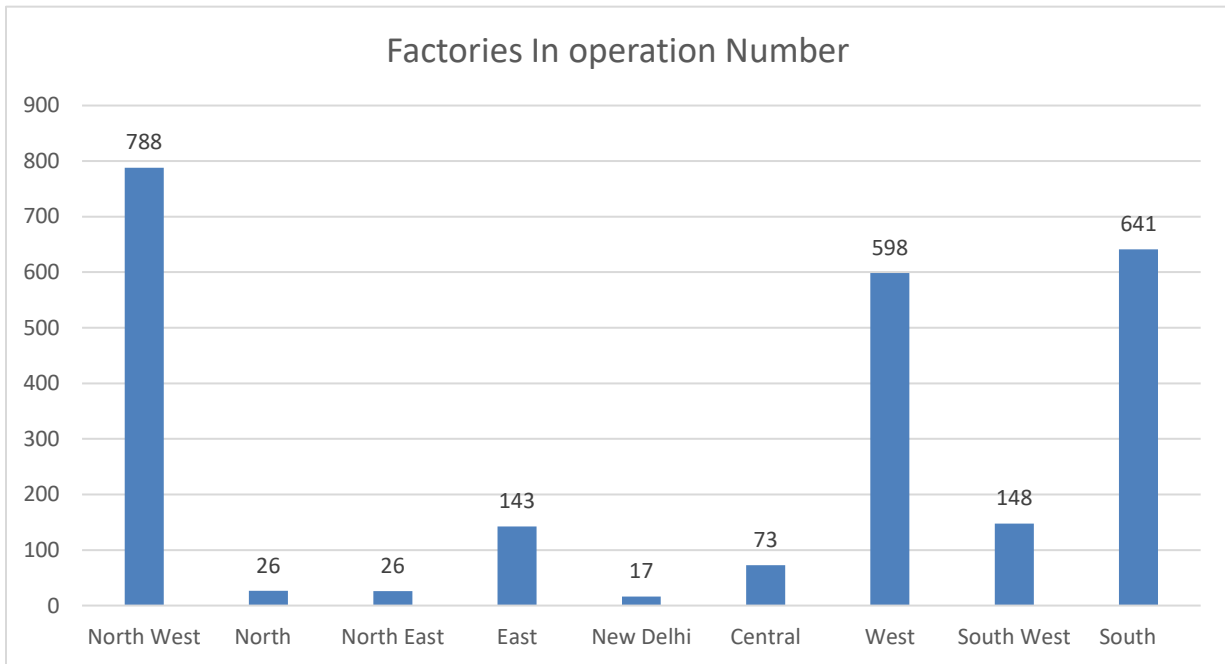
**CHAPTER- IV**  
**Statement 14 :District Level Estimates**

Estimates of principal characteristics for all industries taken together in respect of nine districts of Delhi during the year 2018-19 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	788	26	26	143	17	73	598	148	641	2459
2	Fixed Capital	Rs. In Lakhs	277200	2590	14144	26361	2817	3157	138445	37026	239342	741082
3	Physical Working Capital	Rs. In Lakhs	256487	2976	8890	115537	310	3341	115177	33271	126580	662570
4	Invested Capital	Rs in lakhs	533687	5567	23033	141898	3127	6498	253622	70298	365922	1403652
5	Working Capital	Rs. In Lakhs	172774	2688	9225	10391	586	4335	220150	34586	138796	593530
6	Outstanding loans	Rs. In Lakhs	200124	2256	9212	22375	4497	5077	112283	23365	111210	490400
7	Workers	Number	22759	343	715	3070	141	579	19483	5404	22192	74685
8	All Employees	Number	33415	494	1058	4830	390	805	28570	7790	33151	110502
9	Mandays Worked (Employees)	No. in '000'	10125	145	323	1481	115	225	8670	2444	9971	33500
10	Wages to workers	Rs. In Lakhs	42327	635	1363	6517	372	1037	36237	15657	41150	145295
11	Total Emoluments	Rs. In Lakhs	93581	1489	3322	16677	1614	1848	86662	28194	100119	333505
12	Fuels Consumed	Rs. In Lakhs	46167	443	5244	11737	220	974	23158	9995	24268	122207
13	Material Consumed	Rs. In Lakhs	1205804	6981	47682	349792	1173	10631	450476	140956	376808	2590303
14	Other Input	Rs. In Lakhs	334089	2293	5293	666592	13317	1648	184355	71727	236123	1515437
15	Total Input	Rs. In Lakhs	1586061	9717	58219	1028122	14710	13253	657988	222678	637199	4227947
16	Products	Rs. In Lakhs	1441651	9281	62562	386322	2668	13533	608085	137856	595334	3257293
17	Other Outputs	Rs. In Lakhs	336000	2747	4213	675501	14209	2816	222105	109760	241567	1608918
18	Total Outputs	Rs. In Lakhs	1777651	12028	66775	1061823	16876	16349	830191	247616	836901	4866210
19	Depreciation	Rs. In Lakhs	27652	232	921	4000	100	368	14766	6719	21895	76653
20	Gross value added	Rs. In Lakhs	191590	2311	8556	33701	2166	3095	172203	24938	199702	638264
21	Net value added	Rs. In Lakhs	163938	2080	7636	29701	2066	2727	157436	18219	177807	561611
22	Rent	Rs. In Lakhs	266	34	1	406	0	0	1034	959	241	2940
23	Interest	Rs. In Lakhs	36016	367	899	1979	758	437	18743	5178	19376	83752
24	Factor Payments (Rent Paid + Interest Paid)	Rs. In Lakhs	36282	401	900	2384	758	437	19777	6137	19617	86692
25	Rent Received + Interest Received	Rs. In Lakhs	3378	75	69	871	22	36	8748	1560	5724	20482
26	Net Income	Rs. In Lakhs	131035	1753	6805	28187	1331	2326	146408	13642	163914	495401

## Distribution of Factories in Districts

The results revealed that maximum numbers of factories are set up in outer Delhi i.e. North-West, South and West districts sharing 32.05%, 26.07% and 24.32% of the total factories. On the other hands, Districts New Delhi, North East and North are least industrialized, sharing only 2.81% of the total number of factories. Most densely populated district i.e. East District and South West District is having 11.83% of total industries and Central District shares 2.97% 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 88.38%, 82.16% and 89.59% respectively. Invested Capital per unit is the highest in the North west District recorded as 533.68 lakh and Production Capital per unit is the highest recorded as Rs. 449.97 lakh in North West District.



**Statement-15: District Wise Capital Structure**

District Name	Factories In operation	Fixed Capital	Invested Capital	Working Capital	Productive Capital	Invested Capital per unit	Productive Capital per unit
	Number	Rs. In Lakhs	Rs in lakhs	Rs. In Lakhs	Rs. In Lakhs	Rs in lakhs	Rs. In Lakhs
North West	788	277200	533687	172774	449974	677	571
North	26	2590	5567	2688	5278	211	200
North East	26	14144	23033	9225	23369	886	899
East	143	26361	141898	10391	36752	996	258
New Delhi	17	2817	3127	586	3403	189	206
Central	73	3157	6498	4335	7492	90	103
West	598	138445	253622	220150	358595	424	599
South West	148	37026	70298	34586	71613	476	485
South	641	239342	365922	138796	378137	571	590
<b>Total</b>	<b>2459</b>	<b>741082</b>	<b>1403652</b>	<b>593530</b>	<b>1334612</b>	<b>571</b>	<b>543</b>

On the other hand, among all 3 less industrialized districts, North East district is having invested capital of ₹ 23033 lakh with only 26 units having invested capital per unit ₹ 886 lakhs, which is highest among these 3 districts and indicates concentration of big industries in this district.

**Employment & Emoluments**

District North West provided gainful employment to 33415 workers i.e. 30.24% of the total workers which was maximum among all 9 districts. Further, districts North-West, South and West were sharing 30.24%, 30.00% and 25.85% 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.

**Statement-16: District Wise Employment and Emoluments**

District Name	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.)
<b>North West</b>	788	22759	33415	93581	42327	10125	185977	411172	303
<b>North</b>	26	343	494	1489	635	145	184862	433686	293
<b>North East</b>	26	715	1058	3322	1363	323	190611	464628	306
<b>East</b>	143	3070	4830	16677	6517	1481	212286	543269	307
<b>New Delhi</b>	17	141	390	1614	372	115	263594	1142319	295
<b>Central</b>	73	579	805	1848	1037	225	179226	319486	280
<b>West</b>	598	19483	28570	86662	36237	8670	185999	444817	303
<b>South West</b>	148	5404	7790	28194	15657	2444	289756	521764	314
<b>South</b>	641	22192	33151	100119	41150	9971	185429	451160	301
<b>Total</b>	<b>2459</b>	<b>74685</b>	<b>110502</b>	<b>333505</b>	<b>145295</b>	<b>33500</b>	<b>194544</b>	<b>446549</b>	<b>303</b>

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

Perusal of above table reveals that –

- (i) Per unit average employment was the highest 53 for district South West and the lowest 11 for district Central.
- (ii) Mandays worked per employee per year was the lowest 280 in case of district Central and was the highest 314 for district West.
- (iii) Average annual wage rate per worker was the highest as ₹ 2,89,756 for district South West and was the lowest with ₹1,79,226 for district Central. However, average annual emolument per worker was the highest with ₹ 11,42,319 in case of district New Delhi and the lowest with ₹3,19,486 in case of district Central.

## Input, Output and Other Related Ratios

**Statement-17: The relative contribution of nine districts in the ‘Total Output’, ‘Total Input’ and other important ratios derived there from have been shown in the statement 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	788	1777651	1586061	22759	10125	533687	175570	78	1.12	3.33
North	26	12028	9717	343	145	5567	83015	35	1.24	2.16
North East	26	66775	58219	715	323	23033	206542	93	1.15	2.9
East	143	1061823	1028122	3070	1481	141898	717069	346	1.03	7.48
New Delhi	17	16876	14710	141	115	3127	146738	119	1.15	5.4
Central	73	16349	13253	579	225	6498	72659	28	1.23	2.52
West	598	830191	657988	19483	8670	253622	95751	43	1.26	3.27
South West	148	247616	222678	5404	2444	70298	101312	46	1.11	3.52
South	641	836901	637199	22192	9971	365922	83931	38	1.31	2.29
<b>Total</b>	<b>2459</b>	<b>4866210</b>	<b>4227947</b>	<b>74685</b>	<b>33500</b>	<b>1403652</b>	<b>145261</b>	<b>65</b>	<b>1.15</b>	<b>3.47</b>

### The study of the statement reveals that:

- Production per manday i.e. average output per employee mandays was the highest as ₹71,707 Lakhs in the district East and the lowest as ₹7266 Lakhs in district Central.
- Maximum and minimum average values of Output per worker per annum were approx. ₹346 lakhs and ₹228 lakhs in districts East and New Delhi respectively.
- Output-Invested capital ratio was the highest 7.48 in East district and was the lowest 2.16 in North district.

d) Output-input ratio was the lowest i.e.1.03 in East district and was the highest i.e. 1.31 in South 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:-

**Statement-18: District Wise Net Value Added by Manufacturer**

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)	(inRs.)	(inRs.)	
North west	788	1777651	22759	33415	163938	720308	490619	0.09
North	26	12028	343	494	2080	605679	420952	0.17
North East	26	66775	715	1058	7636	1067912	721699	0.11
East	143	1061823	3070	4830	29701	967544	614995	0.03
New Delhi	17	16876	141	390	2066	1462851	529815	0.12
Central	73	16349	579	805	2727	471423	338781	0.17
West	598	830191	19483	28570	157436	808090	551063	0.19
South West	148	247616	5404	7790	2386	44161	30633	0.01

#### The study of the statement reveals that:-

- (i) District North-West contributed a maximum value of Net value added ₹ 1, 63,938 lakh, highest among all 9 districts i.e. 42.45% of the total as depicted in the graph. Other major contributors of Net value added were districts West, East, South and North-East sharing 40.77%, 7.69%, 4.72% and 4.98% respectively. Thus, these entire five districts shared 97.60% of the total Net value added of the Delhi. ‘Net Value Added per worker’ at ₹ 14, 62,851 was maximum for New Delhi District and at ₹ 44,161 was minimum in South West District.
- (ii) ‘Net Value Added per employee’ estimated as ₹ 7, 21,699 was highest in North-East District and ₹ 30, 633 minimum in South West District.

**ANNUAL SURVEY OF INDUSTRIES**

**Statement 19 : 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)		
		2017-18	2018-19	% Change	2017-18	2018-19	% Change	2017-18	2018-19	% Change	2017-18	2018-19	% Change	2017-18	2018-19	% Change	2017-18	2018-19	% Change	2017-18	2018-19	% Change
1	North West	816	788	-3.42	21558	22759	5.57	32178	33415	3.84	83669	93581	11.85	1690702	1586061	-6.19	1914300	2702143	41.16	223599	191590	-14.32
2	North	32	26	-17.71	414	343	-17.14	606	494	-18.44	1536	1489	-3.04	8873	9717	9.51	11543	26889	132.95	2670	2311	-13.43
3	North East	28	26	-7.14	454	715	57.66	750	1058	41.11	2394	3322	38.77	37589	58219	54.88	42704	44030	3.11	5115	8556	67.27
4	East	164	143	-13.11	2915	3070	5.30	4631	4830	4.29	16156	16677	3.23	917324	1028122	12.08	957583	688952	-28.05	40258	33701	-16.29
5	New Delhi	19	17	-13.16	386	141	-63.41	551	390	-29.16	1680	1614	-3.95	4096	14710	259.16	5885	58394	892.26	1789	2166	21.07
6	Central	82	73	-11.59	644	579	-10.10	872	805	-7.65	2038	1848	-9.32	13213	13253	0.31	16863	152533	804.55	3650	3095	-15.20
7	West	623	598	-3.96	17778	19483	9.59	25199	28570	13.37	66085	86662	31.14	556041	657988	18.33	702848	1001424	42.48	146807	172203	17.30
8	South West	119	148	24.16	4172	5404	29.52	6085	7790	28.02	19187	28194	46.94	140212	222678	58.81	190993	114214	-40.20	50781	24938	-50.89
9	South	708	641	-9.43	22094	22192	0.44	34276	33151	-3.28	98260	100119	1.89	616722	637199	3.32	816479	1336234	63.66	199757	199702	-0.03
		2459	2459	0.01	70414	74685	6.07	105146	110502	5.09	291004	333505	14.60	3984772	4227947	6.10	4659198	6124814	31.46	674426	638264	-5.36

Note: Figures may not match exactly due to rounding off

### **District-wise comparison of major characteristics, ASI 2017-18 & 2018-19**

Total no. of factories in operation in Delhi during 2018-19 is 2459 shows no change in number of factories from ASI 2017-18. Eight out of nine districts in Delhi have registered a decline in the number of factories during i.e. North (17.71%), New Delhi (13.16%), East (13.11%), Central (11.59%), South (9.43%), North East (7.14%), and West (3.96%) respectively during the ASI year 2018-19 as compared to 2017-18.

Over all, Delhi shows an increase of 6.07% in the number of workers during 2018-19 as compared to 2017-18. Out of nine districts, three districts shows decline in Number of workers i.e. New Delhi (63.41%, North(17.14%) and Central Delhi (10.10%) Whereas, highly industrialized District North-West shows an increase in Number of workers i.e. 5.57%.

Number of employees has also increased by 5.09% in ASI 2018-19 as compared to 2017-18. The highest industrialised Districts, North-West, number of employees increased by 3.84% and highest decline in number of employees is in New Delhi Districts (29.16%).

Total Emolument paid is increased by 14.60 in ASI year 2018-19 as compared to 2017-18. The highest total emolument paid in the South Delhi District with Rs. 1, 00,119 lakh and constitutes 30.02% of total emoluments paid.

In respect of Gross Value Added (GVA), District North east excels in the list with its 67.27% share in total GVA. Overall, decrease in GVA is 5.36% in ASI year 2018-19 as compared to 2017-18. Six districts i.e. South-West (50.89%), East (16.29%), Central (15.20%), North-West (14.32%), North (13.43%) and South (0.03%) had shown negative growth in GVA in comparison to previous year whereas on the other hand one of the highly industrialised districts west has shown a growth in GVA by 17.30% from previous year i.e. 2017-18.

## CHAPTER-V

This chapter explains the major findings of Annual survey of Industries 2018-19 at all India level and Delhi. It also includes the comparative study of major parameters of Delhi with respect to All India for the year 2017-18 and 2018-19. This is to note that the findings of the survey for Delhi are based on pooled data of Central Sample and State Sample whereas findings of All India level (other states) is based on Central sample (non-pooled).

Some of the estimates for major characteristics of all India level and Delhi for all industries taken together for the year 2018-19 with comparative figures available for the year 2017-18 have been depicted in Statement 20 below.

### **STATEMENT 20:-CHANGE IN PERCENTAGE IN NUMBER OF FACTORIES IN ORGANISED INDUSTRIAL(FACTORY) SECTOR DURING ASI 2018-19 OVER THE PREVIOUS YEAR AND STATEWISE CONTRIBUTION IN NUMBER OF FACTORIES IN ALL INDIA LEVEL**

S.N O	Characteristics	Factories In Operation ( In Nos.) 2017-18	Factories In operations (In Nos.) 2018-19	% Increase/ Decrease during the Year (2018-19)	Percentage share of total number of factories in operation in All India (2018-19)
1	All India	195584	197145	0.80	100
2	Andaman & N. Island	15	13	-13.33	0.007
3	Andhra Pradesh	13308	13156	-1.14	6.673
4	Arunachal Pradesh	117	112	-4.27	0.057
5	Assam	4299	4277	-0.51	2.169
6	Bihar	2881	2987	3.68	1.515
7	Chandigarh(U.T.)	203	180	-11.33	0.091
8	Chattisgarh	2976	3240	8.87	1.643
9	Dadra & Nagar Haveli	944	960	1.69	0.487
10	Daman & Diu	1236	1142	-7.61	0.579
11	Delhi*	<b>2459</b>	<b>2459</b>	<b>0.00</b>	<b>1.247</b>
12	Goa	666	694	4.20	0.352
13	Gujarat	20577	21032	2.21	10.668
14	Haryana	7136	8311	16.47	4.216
15	Himachal Pradesh	2255	2132	-5.45	1.081
16	Jammu & Kashmir	933	946	1.39	0.480
17	Jharkhand	2366	2459	3.93	1.247
18	Karnataka	10787	10969	1.69	5.564
19	Kerala	6848	7148	4.38	3.626
20	Madhya Pradesh	4099	4086	-0.32	2.073
21	Maharashtra	20151	19104	-5.20	9.690
22	Manipur	189	196	3.70	0.099
23	Meghalaya	130	143	10.00	0.073
24	Nagaland	184	184	0.00	0.093
25	Odisha	2760	2700	-2.17	1.370
26	Puducherry	587	613	4.43	0.311
27	Punjab	10767	10888	1.12	5.523
28	Rajasthan	8375	8564	2.26	4.344
29	Sikkim	78	80	2.56	0.041
30	Tamil Nadu	32014	32148	0.42	16.307
31	Telangana	11987	12129	1.18	6.152
32	Tripura	602	616	2.33	0.312
33	Uttar Pradesh	12824	12819	-0.04	6.502
34	Uttarakhand	2561	2430	-5.12	1.233
35	West Bengal	8370	8161	-2.50	4.140

**The Study of the statement-20 reveals that:**

- i) Number of factories in operation during the ASI 2018-19 at All India Level increased by 0.80%, whereas in Delhi Number of factories in operation was same as over the previous year (2017-18).
- ii) Maximum Number of factories in operation increased in ASI 2018-19 over the previous year 2017-18 in Haryana (16.47%) followed by Meghalaya (10.00%) & Chhattisgarh (8.87%). Whereas major decline in Andaman & Nicobar Island (13.33%), Chandigarh (U.T.) (11.33%), and Daman and Diu (7.61%).
- iii) Contribution of Delhi in Number of factories in operation 1.25% (18<sup>th</sup> Position) in ASI 2018-19 in All India, whereas maximum contribution during the reference period of ASI 2018-19 was recorded in Tamil Nadu (16.31%) followed by Gujarat (10.67%) and Maharashtra (9.69%).



**STATEMENT :- 21 STATE-WISE CONTRIBUTION IN GVA IN ALL INDIA LEVEL FOR ASI 2018-19**

S.No	States	Factories In operations (Nos.)	Total Inputs (In Lakh)	Total Output (In Lakh)	Gross Value Added ( In Lakh)	% of Gross Value Added In Total
1	All India	197145	774377980	928179908	153801928	
2	Andaman & N. Island	13	3287	4402	1115	0.00
3	Andhra Pradesh	13156	32713649	37614334	4900685	3.19
4	Arunachal Pradesh	112	91013	106282	15269	0.01
5	Assam	4277	6433955	8100540	1666585	1.08
6	Bihar	2987	6113678	6841844	728166	0.47
7	Chandigarh(U.T.)	180	390967	442146	51179	0.03
8	Chattisgarh	3240	14671040	17133370	2462330	1.60
9	Dadra & Nagar Haveli	960	9128448	10374254	1245806	0.81
10	Daman & Diu	1142	4207360	5024273	816913	0.53
11	Delhi*	2459	4227947	4866210	638263	0.41
12	Goa	694	3710831	5224251	1513420	0.98
13	Gujarat	21032	138979298	161877155	22897857	14.89
14	Haryana	8311	53057326	62391961	9334635	6.07
15	Himachal Pradesh	2132	8409638	11638767	3229129	2.10
16	Jammu & Kashmir	946	2505804	3233252	727448	0.47
17	Jharkhand	2459	13092339	16825465	3733126	2.43
18	Karnataka	10969	47332118	57908174	10576056	6.88
19	Kerala	7148	19739583	22077459	2337876	1.52
20	Madhya Pradesh	4086	23599259	29291311	5692052	3.70
21	Maharashtra	19104	109817639	133055982	23238343	15.11
22	Manipur	196	35685	46742	11057	0.01
23	Meghalaya	143	553383	713670	160287	0.10
24	Nagaland	184	41498	57320	15822	0.01
25	Odisha	2700	24933019	30238991	5305972	3.45
26	Puducherry	613	3042646	3794251	751605	0.49
27	Punjab	10888	19643701	23063541	3419840	2.22
28	Rajasthan	8564	27598966	33277014	5678048	3.69
29	Sikkim	80	747285	1910564	1163279	0.76
30	Tamil Nadu	32148	77006107	93834701	16828594	10.94
31	Telangana	12129	21131316	26876887	5745571	3.74
32	Tripura	616	149729	181849	32120	0.02
33	Uttar Pradesh	12819	49616067	57905351	8289284	5.39
34	Uttarakhand	2430	20044207	25569341	5525134	3.59
35	West Bengal	8161	31433544	36533341	5099797	3.32

**The perusal of the statement-21 reveals that:-**

- (i) Contribution of Delhi in Gross Value Added at All India Level is 0.41%. Delhi Placed 27<sup>th</sup> position in All States and U.T.
- (ii) Maximum contribution in Gross Value Added at All India Level was from Maharashtra (15.11%) followed by Gujarat (14.89%) and Tamil Nadu (10.94%) respectively.

**STATEMENT 22: CHANGE IN PERCENTAGE IN GVA DURING ASI 2018-19 OVER THE PREVIOUS YEAR 2017-18.**

S.No.	State	2017-18		2018-19		% change in GVA
		No of Factories	Gross Value Added (GVA)	No of Factories	Gross Value Added (GVA)	
1	Andaman & N. Island	15	1014	13	1115	9.96
2	Andhra Pradesh	13308	4622072	13156	4900685	6.03
3	Arunachal Pradesh	117	15791	112	15269	-3.31
4	Assam	4299	1578019	4277	1666585	5.61
5	Bihar	2881	760465	2987	728166	-4.25
6	Chandigarh(U.T.)	203	70745	180	51179	-27.66
7	Chattisgarh	2976	1956447	3240	2462330	25.86
8	Dadra & Nagar Haveli	944	1692652	960	1245806	-26.40
9	Daman & Diu	1236	893495	1142	816913	-8.57
10	<b>Delhi*</b>	<b>2459</b>	<b>674426</b>	<b>2459</b>	<b>638263</b>	<b>-5.36</b>
11	Goa	666	1545320	694	1513420	-2.06
12	Gujarat	20577	22076691	21032	22897857	3.72
13	Haryana	7136	7215176	8311	9334635	29.38
14	Himachal Pradesh	2255	3325566	2132	3229129	-2.90
15	Jammu & Kashmir	933	722032	946	727448	0.75
16	Jharkhand	2366	3014979	2459	3733126	23.82
17	Karnataka	10787	10218358	10969	10576056	3.50
18	Kerala	6848	2183551	7148	2337876	7.07
19	Madhya Pradesh	4099	4898591	4086	5692052	16.20
20	Maharashtra	20151	25863108	19104	23238343	-10.15
21	Manipur	189	10259	196	11057	7.78
22	Meghalaya	130	164680	143	160287	-2.67
23	Nagaland	184	14487	184	15822	9.22
24	Odisha	2760	4101582	2700	5305972	29.36
25	Puducherry	587	560994	613	751605	33.98
26	Punjab	10767	3154290	10888	3419840	8.42
27	Rajasthan	8375	5178733	8564	5678048	9.64
28	Sikkim	78	1141644	80	1163279	1.90
29	Tamil Nadu	32014	16408288	32148	16828594	2.56
30	Telangana	11987	4716697	12129	5745571	21.81
31	Tripura	602	35357	616	32120	-9.16
32	Uttar Pradesh	12824	8431099	12819	8289284	-1.68
33	Uttarakhand	2561	4976720	2430	5525134	11.02
34	West Bengal	8370	4520705	8161	5099797	12.81
	<b>All India</b>	<b>195584</b>	<b>146697043</b>	<b>197145</b>	<b>153801928</b>	<b>4.84</b>

**The study of Statement-22 reveals that:-**

- i. Statement 22 indicated the percentage change in Gross Value Addition (GVA) for 2018-19 compared to previous year i.e. 2017-18. At All India level there is growth of 4.84 % in GVA compared to previous level.
- ii. For Delhi there was negative growth of 5.36% in GVA for 2018-19 compared to previous year 2017-18.

- iii. States/UTs having highest GVA percentage growth are Puducherry, Haryana and Odisha with 33.98 %, 29.38 % and 29.36 % respectively whereas negative growth has been observed in Chandigarh (27.66%), followed by Dadra and Nagar Haveli (26.40%), Maharashtra (10.15%), Tripura (9.16%) and Daman & Diu (8.57%).

**STATEMENT 23: State-Wise contribution in percentage of total number of person engaged in All India.**

S.No.	States	Factories In operations (In Nos.)	Number of Workers (In Nos.)	Total Persons Engaged (In Nos.)	% of No. of person engaged in All India (2018-19)
1	Andaman & N. Island	13	213	289	0.002
2	Andhra Pradesh	13156	512694	633142	3.889
3	Arunachal Pradesh	112	2470	3103	0.019
4	Assam	4277	200433	237953	1.462
5	Bihar	2987	111181	130004	0.799
6	Chandigarh(U.T.)	180	6221	9604	0.059
7	Chattisgarh	3240	170823	213167	1.309
8	Dadra & Nagar Haveli	960	103140	128024	0.786
9	Daman & Diu	1142	90356	114583	0.704
<b>10</b>	<b>Delhi*</b>	<b>2459</b>	<b>74685</b>	<b>110502</b>	<b>0.679</b>
11	Goa	694	54271	76522	0.470
12	Gujarat	21032	1489381	1944548	11.944
13	Haryana	8311	802213	1016463	6.244
14	Himachal Pradesh	2132	155261	218196	1.340
15	Jammu & Kashmir	946	58923	74661	0.459
16	Jharkhand	2459	175993	238472	1.465
17	Karnataka	10969	842367	1076026	6.609
18	Kerala	7148	275123	349971	2.150
19	Madhya Pradesh	4086	314728	411134	2.525
20	Maharashtra	19104	1473792	2035306	12.502
21	Manipur	196	7558	8760	0.054
22	Meghalaya	143	10802	12848	0.079
23	Nagaland	184	5073	5936	0.036
24	Odisha	2700	233064	281520	1.729
25	Puducherry	613	44054	56477	0.347
26	Punjab	10888	564103	704770	4.329
27	Rajasthan	8564	464518	591685	3.634
28	Sikkim	80	17241	22624	0.139
29	Tamil Nadu	32148	2112722	2554345	15.690
30	Telangana	12129	659251	780204	4.792
31	Tripura	616	21731	25050	0.154
32	Uttar Pradesh	12819	859032	1101163	6.764
33	Uttarakhand	2430	333496	411486	2.528
34	West Bengal	8161	551871	701692	4.310
	<b>All India</b>	<b>197145</b>	<b>12798588</b>	<b>16280211</b>	<b>100</b>

**The study of statement 23 reveals that:**

- i. It was observed that the states having highest contribution to the persons engaged were Tamil Nadu (15.69 %), Maharashtra (12.50%) and Gujarat (11.94 %). This is due to reason that these states have higher number of factories in operation.
- ii. Whereas Delhi has contribution of 0.68 % (24<sup>th</sup> position) of total number of persons engaged for year 2018-19. It is because of Delhi has less number of factories in operation.
- iii. States/UTs Andaman and Nicobar Island, Arunachal Pradesh, Nagaland has lowest number of persons engaged (in percentage) by 0.002%, 0.019%, and 0.036% respectively. These states/UTs have very less number of factories in operation.

**STATEMENT 24: STATE-WISE WAGES PER WORKER AND EMOLUMENTS PER PERSONS ENGAGED DURING ASI 2018-19**

S.No.	States	Factories In Operations (No.)	Number of Workers (No.)	Total Persons Engaged ( In Nos.)	Wages to Workers (Lakh)	Total Emoluments (Lakh)	Wages per Workers	Emoluments per Person Engaged
1	Andaman & N. Island	13	213	289	404	718	189671	248443
2	Andhra Pradesh	13156	512694	633142	895425	1569781	174651	247935
3	Arunachal Pradesh	112	2470	3103	2287	4029	92591	129842
4	Assam	4277	200433	237953	198928	377559	99249	158670
5	Bihar	2987	111181	130004	116988	200972	105223	154589
6	Chandigarh(U.T.)	180	6221	9604	14466	37580	232535	391295
7	Chattisgarh	3240	170823	213167	354392	690610	207462	323976
8	Dadra & Nagar Haveli	960	103140	128024	161611	341800	156691	266981
9	Daman & Diu	1142	90356	114583	130361	301584	144275	263201
<b>10</b>	<b>Delhi*</b>	<b>2459</b>	<b>74685</b>	<b>110502</b>	<b>145295</b>	<b>333505</b>	<b>194544</b>	<b>301809</b>
11	Goa	694	54271	76522	128778	317588	237287	415028
12	Gujarat	21032	1489381	1944548	2559875	5734474	171875	294900
13	Haryana	8311	802213	1016463	1296715	3137567	161642	308675
14	Himachal Pradesh	2132	155261	218196	267760	689057	172458	315797
15	Jammu & Kashmir	946	58923	74661	71192	157215	120822	210572
16	Jharkhand	2459	175993	238472	428012	801859	243198	336249
17	Karnataka	10969	842367	1076026	1696312	3505600	201374	325791
18	Kerala	7148	275123	349971	484847	875662	176229	250210
19	Madhya Pradesh	4086	314728	411134	490624	1116779	155888	271634
20	Maharashtra	19104	1473792	2035306	3166637	7962167	214863	391202
21	Manipur	196	7558	8760	5129	6428	67862	73379
22	Meghalaya	143	10802	12848	15728	33385	145603	259846
23	Nagaland	184	5073	5936	2974	3939	58624	66358
24	Odisha	2700	233064	281520	533151	995449	228757	353598
25	Puducherry	613	44054	56477	72456	167020	164471	295731
26	Punjab	10888	564103	704770	742672	1346898	131655	191112
27	Rajasthan	8564	464518	591685	794445	1671110	171026	282432
28	Sikkim	80	17241	22624	35602	80804	206496	357161
29	Tamil Nadu	32148	2112722	2554345	3191159	6355304	151045	248804
30	Telangana	12129	659251	780204	935554	1738621	141912	222842
31	Tripura	616	21731	25050	9484	14384	43643	57421
32	Uttar Pradesh	12819	859032	1101163	1248236	2934079	145307	266453
33	Uttarakhand	2430	333496	411486	500364	1022504	150036	248491
34	West Bengal	8161	551871	701692	880504	1671657	159549	238232
	<b>All India</b>	<b>197145</b>	<b>12798588</b>	<b>16280211</b>	<b>21576035</b>	<b>46207983</b>	<b>168581</b>	<b>283829</b>

**The study of the statement-24 reveals that:-**

- 1) At all India level the number of wages per worker was Rs.1,68,581 and emoluments per person engaged was Rs. 2,83,829.
- 2) Wages per worker for Delhi (9<sup>th</sup> position) was Rs. 1,94,544 and emoluments per person (11<sup>th</sup> position) engaged was Rs. 3,01,809.
- 3) States/UTs having highest wages per worker are Jharkhand, Goa and Chandigarh with wages Rs. 2,43,198 Rs. 2,37,287 and Rs. 2,32,535 respectively. Similarly for States/UTs having highest emoluments per person engaged were Goa, Chandigarh and Maharashtra with emoluments Rs. 4,15,028 Rs. 3,91,295 and Rs.3,91,202 respectively.
- 4) States having lowest wages per worker are Tripura, Nagaland and Manipur with wages Rs. 43,643 Rs. 58624 and Rs. 67,862 respectively. States with lowest emoluments per person engaged are States/UTs having lowest emoluments per person are Tripura, Nagaland and Manipur with emoluments Rs. 57,421 Rs. 66,358 and Rs. 73,379 respectively.

**STATEMENT-25: MAIN CHARACTERISTICS OF THE ORGANIZED SECTOR INDUSTRIAL (FACTORY SECTOR) DURING ASI 2017-18**

S.NO	State	Factories in Operation(In Nos.)	Working Capital (In Lakh)	Outstanding Loans(In Lakh)	Number of Workers(In Nos.)	Total Persons Engaged(In Nos.)	Wages to Workers(In Lakh)	Total Emolumnets(In Lakh)	Total Inputs(In Lakh)	Value of Output(In Lakh)	Net Value Added(In Lakh)	Gross Value Added(In Lakh)
1	<b>All India</b>	<b>195584</b>	64411890	133880064	12224422	15614619	19280066	41835716	660520215	807217258	122967418	146697043
2	<b>Andaman &amp; N. Island</b>	<b>15</b>	-1309	3259	249	324	419	676	13314	14328	659	1014
3	<b>Andhra Pradesh</b>	<b>13308</b>	1433683	5999179	486846	597292	816315	1413502	26499187	31121259	3536269	4622072
4	<b>Arunachal Pradesh</b>	<b>117</b>	16633	5421	2671	3298	2393	4089	84207	99998	12206	15791
5	<b>Assam</b>	<b>4299</b>	906161	695782	180489	217155	142725	287817	5154627	6732646	1364876	1578019
6	<b>Bihar</b>	<b>2881</b>	300904	877034	104057	121772	92819	164551	5242202	6002667	640408	760465
7	<b>Chandigarh(U.T.)</b>	<b>203</b>	59463	59896	5414	9424	12254	35641	415725	486470	61891	70745
8	<b>Chattisgarh</b>	<b>2976</b>	374077	5350086	147310	185805	310328	601571	10604081	12560528	1449542	1956447
9	<b>Dadra &amp; Nagar Haveli</b>	<b>944</b>	-962031	1428363	93928	119591	139588	302699	9138745	10831397	1473519	1692652
10	<b>Daman &amp; Diu</b>	<b>1236</b>	1129903	503647	89854	115040	123349	282751	3470568	4364063	765817	893495
11	<b>Delhi*</b>	<b>2459</b>	554274	477659	70414	105146	117473	291004	3984772	4659198	601600	674426
12	<b>Goa</b>	<b>666</b>	1396634	217662	51377	76214	115832	307252	3499376	5044696	1411722	1545320
13	<b>Gujarat</b>	<b>20577</b>	4628200	27377874	1403204	1826748	2239676	5085110	113920424	135997115	18304059	22076691
14	<b>Haryana</b>	<b>7136</b>	3568034	3258806	674373	858313	1056017	2518243	43118410	50333586	6007400	7215176
15	<b>Himachal Pradesh</b>	<b>2255</b>	1293444	1791232	146633	205781	237723	624412	7966319	11291885	2964376	3325566
16	<b>Jammu &amp; Kashmir</b>	<b>933</b>	517852	286006	58005	73498	66571	137584	2566395	3288427	640797	722032
17	<b>Jharkhand</b>	<b>2366</b>	801648	2470714	153026	192282	398932	754377	11138310	14153289	2341836	3014979
18	<b>Karnataka</b>	<b>10787</b>	5544690	10326214	828689	1065346	1573476	3323933	42675431	52893789	8721906	10218358
19	<b>Kerala</b>	<b>6848</b>	1944115	1185590	241789	310326	398162	728747	14173049	16356600	1887210	2183551
20	<b>Madhya Pradesh</b>	<b>4099</b>	1161398	5107870	281063	378022	432998	1007889	20824573	25723164	3991861	4898591
21	<b>Maharashtra</b>	<b>20151</b>	11715241	16091337	1414565	2007794	2836521	7534324	94108687	119971795	22372401	25863108
22	<b>Manipur</b>	<b>189</b>	2039	4243	7334	8532	4810	6036	31824	42083	8376	10259
23	<b>Meghalaya</b>	<b>130</b>	69964	222212	10758	12689	13586	28240	404219	568899	122400	164680

S.NO	State	Factories in Operation ( In Nos.)	Working Capital (In Lakh)	Outstanding Loans(In Lakh)	Number of Workers ( In Nos.)	Total Persons Engaged ( In Nos.)	Wages to Workers (In Lakh)	Total Emolumnets(In Lakh)	Total Inputs(In Lakh)	Value of Output(In Lakh)	Net Value Added(In Lakh)	Gross Value Added(In Lakh)
24	Nagaland	184	18664	2745	5227	6004	2917	3810	39617	54104	13167	14487
25	Odisha	2760	-3533597	14341529	229036	279496	506918	923326	18895455	22997037	2698489	4101582
26	Puducherry	587	430444	116565	39738	51816	59036	139324	2508208	3069202	500796	560994
27	Punjab	10767	3455601	2789653	569266	708232	704126	1287757	18056120	21210410	2679446	3154290
28	Rajasthan	8375	3458758	4123761	432434	556103	677401	1477445	24566286	29745019	4248614	5178733
29	Sikkim	78	305055	23423	15069	19659	28768	67252	694393	1836037	1064105	1141644
30	Tamil Nadu	32014	11232301	12212601	2095223	2523483	2907651	5752881	69972582	86380870	13701555	16408288
31	Telengana	11987	4580255	4799125	669220	794520	854284	1579695	17523505	22240202	3948741	4716697
32	Tripura	602	18337	32974	23393	26632	9528	13734	120572	155929	30480	35357
33	Uttar Pradesh	12824	3789457	6650739	839121	1070841	1149121	2654962	43032444	51463543	7285531	8431099
34	Uttarakhand	2561	1962133	1329756	339694	426587	469525	963719	18641893	23618613	4445813	4976720
35	West Bengal	8370	2283569	3751282	516740	663751	781597	1529343	27391759	31912464	3715370	4520705



**STATEMENT-26: MAIN CHARACTERISTICS OF THE ORGANIZED SECTOR INDUSTRIAL (FACTORY SECTOR) DURING ASI 2018-19**

S.No.	States	Factories In operations (In Nos.)	Working Capital (In Lakh)	Outstanding Loans (In Lakh)	Number of Workers (In Nos.)	Total Persons Engaged (No.)	Wages to Workers (In Lakh)	Total Emoluments (In Lakh)	Total Inputs (In Lakh)	Total Output (In Lakh)	Net Value Added (In Lakh)	Gross Value Added (In Lakh)
1	All India	197145	80866459	130586929	12798588	16280211	21576035	46207983	774377980	928179908	127646637	153801928
2	Andaman & N. Island	13	862	2218	213	289	404	718	3287	4402	889	1115
3	Andhra Pradesh	13156	3980924	5742921	512694	633142	895425	1569781	32713649	37614334	3112374	4900685
4	Arunachal Pradesh	112	21461	7193	2470	3103	2287	4029	91013	106282	12463	15269
5	Assam	4277	970637	597834	200433	237953	198928	377559	6433955	8100540	1415078	1666585
6	Bihar	2987	348081	1111299	111181	130004	116988	200972	6113678	6841844	595922	728166
7	Chandigarh(U.T.)	180	95413	54611	6221	9604	14466	37580	390967	442146	42473	51179
8	Chattisgarh	3240	1252319	4714709	170823	213167	354392	690610	14671040	17133370	1874773	2462330
9	Dadra & Nagar Haveli	960	831166	1440379	103140	128024	161611	341800	9128448	10374254	1032085	1245806
10	Daman & Diu	1142	924069	674320	90356	114583	130361	301584	4207360	5024273	698431	816913
11	Delhi*	2459	593530	490400	74685	110502	145295	333505	4227947	4866210	561611	638263
12	Goa	694	1022638	321940	54271	76522	128778	317588	3710831	5224251	1373321	1513420
13	Gujarat	21032	7911443	24945958	1489381	1944548	2559875	5734474	138979298	161877155	18802760	22897857
14	Haryana	8311	5643826	3923116	802213	1016463	1296715	3137567	53057326	62391961	7888296	9334635
15	Himachal Pradesh	2132	1234909	1796928	155261	218196	267760	689057	8409638	11638767	2836230	3229129
16	Jammu & Kashmir	946	506032	213860	58923	74661	71192	157215	2505804	3233252	650387	727448
17	Jharkhand	2459	1989512	1318254	175993	238472	428012	801859	13092339	16825465	3130772	3733126
18	Karnataka	10969	6144195	10131375	842367	1076026	1696312	3505600	47332118	57908174	8847531	10576056
19	Kerala	7148	1563296	1344735	275123	349971	484847	875662	19739583	22077459	1979664	2337876

S.No.	States	Factories In operations ( In Nos.)	Working Capital (In Lakh)	Outstanding Loans (In Lakh)	Number of Workers ( In Nos.)	Total Persons Engaged ( No.)	Wages to Workers (In Lakh)	Total Emolumnets (In Lakh)	Total Inputs (In Lakh)	Total Output (In Lakh)	Net Value Added (In Lakh)	Gross Value Added (In Lakh)
20	Madhya Pradesh	4086	895480	6706438	314728	411134	490624	1116779	23599259	29291311	4699759	5692052
21	Maharashtra	19104	13578802	16338723	1473792	2035306	3166637	7962167	109817639	133055982	19621798	23238343
22	Manipur	196	1670	4452	7558	8760	5129	6428	35685	46742	9131	11057
23	Meghalaya	143	101269	210601	10802	12848	15728	33385	553383	713670	120267	160287
24	Nagaland	184	17832	2547	5073	5936	2974	3939	41498	57320	14690	15822
25	Odisha	2700	-2010373	10564548	233064	281520	533151	995449	24933019	30238991	3722012	5305972
26	Puducherry	613	389669	180242	44054	56477	72456	167020	3042646	3794251	694046	751605
27	Punjab	10888	3969390	5078212	564103	704770	742672	1346898	19643701	23063541	2939522	3419840
28	Rajasthan	8564	4052353	5785537	464518	591685	794445	1671110	27598966	33277014	4669013	5678048
29	Sikkim	80	294388	34825	17241	22624	35602	80804	747285	1910564	1084827	1163279
30	Tamil Nadu	32148	10453794	11104135	2112722	2554345	3191159	6355304	77006107	93834701	14079958	16828594
31	Telangana	12129	5225241	3752271	659251	780204	935554	1738621	21131316	26876887	4854721	5745571
32	Tripura	616	7810	37434	21731	25050	9484	14384	149729	181849	26736	32120
33	Uttar Pradesh	12819	5923912	7074881	859032	1101163	1248236	2934079	49616067	57905351	7100261	8289284
34	Uttarakhand	2430	2727060	1161754	333496	411486	500364	1022504	20044207	25569341	5005064	5525134
35	West Bengal	8161	170256	3713530	551871	701692	880504	1671657	31433544	36533341	4181318	5099797

# **PART-II**

# **ANNEXURE**

**Annual Survey of Industry 2018-2019**  
**Central+State (Pooled)**  
**Table I: Principal Characteristics at A Glance**

S.No.	Characteristics	Unit	Census	Sample	Total
1	Factories In operation	Number	938	1521	2459
2	Fixed Capital	Rs. In Lakhs	559188	181895	741082
3	Physical Working Capital	Rs. In Lakhs	486745	175824	662570
4	Invested Capital	Rs in lakhs	1045933	357719	1403652
5	Working Capital	Rs. In Lakhs	371402	222128	593530
6	Outstanding loans	Rs. In Lakhs	324685	165716	490400
7	Workers	Number	53767	20918	74685
8	All Employees	Number	80186	30316	110502
9	Man days Worked (Employees)	No. in '000'	24529	8971	33500
10	Wages to workers	Rs. In Lakhs	107930	37365	145295
11	Total Emoluments	Rs. In Lakhs	258079	75426	333505
12	Fuels Consumed	Rs. In Lakhs	80247	41960	122207
13	Material Consumed	Rs. In Lakhs	1608526	981777	2590303
14	Other Input	Rs. In Lakhs	1246373	269064	1515437
15	Total Input	Rs. In Lakhs	2935145	1292801	4227947
16	Products	Rs. In Lakhs	2075762	1181530	3257293
17	Other Outputs	Rs. In Lakhs	1336393	272525	1608918
18	Total Outputs	Rs. In Lakhs	3412155	1454055	4866210
19	Depreciation	Rs. In Lakhs	57561	19092	76653
20	gross value added	Rs. In Lakhs	477010	161254	638264
21	net value added	Rs. In Lakhs	419449	142162	561611
22	Rent	Rs. In Lakhs	2808	132	2940
23	Interest	Rs. In Lakhs	64148	19604	83752
24	Factor Payments (Rent Paid + Interest Paid)	Rs. In Lakhs	66956	19736	86692
25	Rent Received + Interest Received	Rs. In Lakhs	15512	4970	20482
26	Net Income	Rs. In Lakhs	368005	127396	495401

**Annual Survey of Industries 2018-19**  
**Table II: Important characteristics by major Industry Group**  
**(2 Digit of NIC 2008)**

Values in Rs. '000'

S.no	Ind Group	Description	No. of factories	Fixed Capital	Physical working capital	Invested Capital	Working capital
1	10,11	Mfr. Of Food Products	139	8077639	15266874	23344514	12536150
2	12	Manufacture of tobacco products	33	706182	714980	1421162	480544
3	13	Manufacture of textiles	105	2172236	1140254	3312490	2106329
4	14	Manufacture of wearing apparel	305	6547072	7144267	13691339	8082086
5	15	Manufacture of leather and related products	139	2339141	3184521	5523662	1961097
6	16	Manufacture of wood and products of wood and cork, except furniture;	7	100467	145435	245902	256774
7	17	Manufacture of paper and paper products	52	861701	698429	1560130	561598
8	18	Printing and reproduction of recorded media	218	4278324	1951003	6229328	1875114
9	20	Manufacture of chemicals and chemical products	56	7106807	9930184	17036991	2909527
10	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	32	716248	862690	1578937	703475
11	22	Manufacture of rubber and plastics products	140	4605908	2015064	6620971	6472348
12	23	Manufacture of other non-metallic mineral products	19	514863	460556	975419	352203
13	24	Manufacture of basic metals	94	627764	1820067	2447831	2705101
14	25	Manufacture of fabricated metal products, except machinery and equipment	230	2726735	2982069	5708804	3176843
15	26	Manufacture of computer, electronic and optical products	83	1599312	3849691	5449003	5072279
16	27	Manufacture of electrical equipment	179	3246331	3833595	7079926	4671239
17	28	Manufacture of machinery and equipment n.e.c.	152	2337080	2056235	4393315	2186275
18	29	Manufacture of motor vehicles, trailers and semi-trailers	119	1183059	1635004	2818064	2499240
19	30	Mfr. Of Other Transport equipment	27	155040	133452	288492	63892
20	31	Manufacture of furniture	18	78564	209127	287691	243981
21	32	Other manufacturing	53	1064628	1096507	2161135	3687920
24	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	204	5890343	4312804	10203147	-780209
25	52	Warehousing and support activities for transportation	16	1623132	704	1623836	66001
26	58	Publishing activities	8	288347	36940	325288	58669
27	82	Office administrative, office support and other business support activities	3	20020	109448	129468	116288
28	95	Repair of computers and personal and household goods	5	165260	155206	320467	85237
29	96	Other personal service activities	3	27384	6104	33489	12043
30		Others	5	9387083	63629	9450712	-4052478
		<b>Total</b>	<b>2459</b>	<b>74108221</b>	<b>66256970</b>	<b>140365191</b>	<b>59353025</b>

**Annual Survey of Industries 2018-19**

**Table II: Important characteristics By major Industry Group**

**(2 Digits of NIC 2008)**

Values in Rs."000"

S.No	Ind Group	Description	Outstandin g Loans	Mandays Employee	Workers (In Nos.)	Employees (In Nos)	Wages to Workers
1	10,11	Mfr. Of Food Products	3731810	4340	9145	13738	2367467
2	12	Manufacture of tobacco products	408055	214	490	717	81777
3	13	Manufacture of textiles	1458437	1025	2465	3417	418003
4	14	Manufacture of wearing apparel	3821110	6484	15513	21467	2656499
5	15	Manufacture of leather and related products	1835817	1706	3993	5663	724340
6	16	Manufacture of wood and products of wood and cork, except furniture	171674	85	166	287	31639
7	17	Mfg of paper and paper products	805088	414	756	1386	123276
8	18	Printing and reproduction of recorded media	3207591	1477	3430	4974	602422
9	20	Manufacture of chemicals and chemical products	1307332	573	1199	1928	197318
10	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	787139	850	1761	2791	306243
11	22	Manufacture of rubber and plastics products	3489837	1031	2373	3475	415742
12	23	Manufacture of other non-metallic mineral products	258662	153	351	509	58856
13	24	Manufacture of basic metals	2685115	413	1022	1419	174891
14	25	Manufacture of fabricated metal products, except machinery and equipment	2356191	1746	4463	5902	803029
15	26	Manufacture of computer, electronic and optical products	2370963	1345	2017	4457	415800
16	27	Mfg. of electrical equipment	3356096	1459	3414	4892	576879
17	28	Manufacture of machinery and equipment n.e.c.	1434327	1208	2385	4140	453916
18	29	Manufacture of motor vehicles, trailers and semi-trailers	1511948	1238	3224	4140	524959
19	30	Mfg. Of Other Transport equipment	267613	152	410	493	73731
20	31	Manufacture of furniture	134408	118	247	395	42787
21	32	Other manufacturing	590167	637	1332	2140	249492
22	33	Repair and installation of machinery and equipment	441062	1058	2640	3469	873899
23	38,36, 37	Waste collection, treatment and disposal activities; materials recovery	4522951	506	892	1423	195453
24	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	5150993	4677	9566	15333	1834847
25	52	Warehousing and support activities for transportation	152879	106	268	343	67871
26	58	Publishing activities	548273	41	66	137	13931
27	82	Office administrative, office support and other business support activities	107298	23	44	76	7966
28	95	Repair of computers and personal and household goods	7065	170	375	574	78681
29	96	Other personal service activities	26213	17	30	57	4720
30		Others	2093930	232	649	762	153024
		<b>Total</b>	<b>49040045</b>	<b>33500</b>	<b>74685</b>	<b>110502</b>	<b>14529457</b>

**Annual Survey of Industries 2018-19**  
**Table II: Important characteristics By major Industry Group**  
**(2 Digits of NIC 2008)**

Values in Rs.'000'

S.No	Ind Group	Description	Total emoluments	Other inputs	Total Inputs	Products	Other Output
1	10,11	Mfr. Of Food Products	5765724	82362790	170522398	101673077	80159547
2	12	Manufacture of tobacco products	188779	362886	8867165	9900715	32226
3	13	Manufacture of textiles	875721	1111113	7456229	8097670	1229813
4	14	Manufacture of wearing apparel	5287998	11689269	32879811	35060341	7042700
5	15	Manufacture of leather and related products	1520878	2773776	16345911	16894357	1631133
6	16	Manufacture of wood and products of wood and cork, except furniture	90187	562916	994534	454710	720720
7	17	Manufacture of paper and paper products	385485	655730	4687196	4615751	500825
8	18	Printing and reproduction of recorded media	1470722	1832195	10799549	11519611	2708579
9	20	Manufacture of chemicals and chemical products	625223	1175858	10723668	11200689	1077146
10	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	849413	2455001	5280522	3908054	2230084
11	22	Manufacture of rubber and plastics products	1089763	2008678	14059273	15717692	1687527
12	23	Manufacture of other non-metallic mineral products	141162	777611	1325415	760897	1910186
13	24	Manufacture of basic metals	375721	3382094	24749313	22434415	3451036
14	25	Manufacture of fabricated metal products, except machinery and equipment	1369695	3814139	16448702	16017869	3348444
15	26	Manufacture of computer, electronic and optical products	1835473	11085282	22250621	14428143	13149595
16	27	Manufacture of electrical equipment	1320352	2770156	24998436	25341198	1974191
17	28	Manufacture of machinery and equipment n.e.c.	1394747	1367679	8364937	10034803	1067619
18	29	Manufacture of motor vehicles, trailers and semi-trailers	929400	795855	7431630	9115017	217471
19	30	Mfr. Of Other Transport equipment	109747	62245	797265	883435	88224
20	31	Manufacture of furniture	100184	113101	734792	924024	50482
21	32	Other manufacturing	850735	1924334	4787882	4825219	1601362
22	33	Repair and installation of machinery and equipment	1541028	1540594	6305312	-5	3273393
23	38,36,37	Waste collection, treatment and disposal activities; materials recovery	366736	605721	1379445	578803	1925511
24	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	4306772	15592181	18973671	43122	27986047
25	52	Warehousing and support activities for transportation	107016	77057	177903	0	339942
26	58	Publishing activities	39935	83177	204704	167114	95560
27	82	Office administrative, office support and other business support activities	17287	23026	351222	387661	5842
28	95	Repair of computers and personal and household goods	151650	366155	580548	0	1032416
29	96	Other personal service activities	9838	6798	48410	0	74005
30		Others	233098	166307	268207	744884	280144
		<b>Total</b>	<b>33350472</b>	<b>151543725</b>	<b>422794673</b>	<b>325729265</b>	<b>160891767</b>



**Annual Survey of Industries 2018-19**  
**Table II: Important characteristics By major Industry Group**  
**(2 Digits of NIC 2008)**

Values in Rs. "000"

S.No	Ind Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
1	10,11	Mfr. Of Food Products	181832624	1076472	10233754	73908	890661
2	12	Manufacture of tobacco products	9932942	97977	967800	3066	31919
3	13	Manufacture of textiles	9327482	214371	1656882	314	166017
4	14	Manufacture of wearing apparel	42103041	627118	8596112	9722	612501
5	15	Manufacture of leather and related products	18525490	238407	1941172	0	347792
6	16	Manufacture of wood and products of wood and cork, except furniture	1175430	8073	172824	0	25662
7	17	Manufacture of paper and paper products	5116576	95172	334207	0	98418
8	18	Printing and reproduction of recorded media	14228190	664224	2764417	0	373953
9	20	Manufacture of chemicals and chemical products	12277835	196412	1357755	300	651871
10	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	6138138	90434	767182	0	93588
11	22	Manufacture of rubber and plastics products	17405219	347589	2998356	1113	496946
12	23	Manufacture of other non-metallic mineral products	2671082	62280	1283388	22	20846
13	24	Manufacture of basic metals	25885450	70024	1066113	3494	247442
14	25	Manufacture of fabricated metal products, except machinery and equipment	19366314	275562	2642049	5190	257008
15	26	Manufacture of computer, electronic and optical products	27577738	201705	5125413	3005	330431
16	27	Manufacture of electrical equipment	27315389	348653	1968301	857	349536
17	28	Manufacture of machinery and equipment n.e.c.	11102422	183013	2554472	3347	246226
18	29	Manufacture of motor vehicles, trailers and semi-trailers	9332488	146284	1754575	300	105154
19	30	Mfr. Of Other Transport equipment	971659	24624	149770	1616	26921
20	31	Manufacture of furniture	974506	12718	226996	0	11444
21	32	Other manufacturing	6426581	137144	1501554	18	58032
22	33	Repair and installation of machinery and equipment	3273387	173104	-3205029	80817	266344
23	38,36,37	Waste collection, treatment and disposal activities; materials recovery	2504314	524192	600677	0	620493
24	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	28029169	913915	8141583	106862	1387627
25	52	Warehousing and support activities for transportation	339942	11797	150242	45	22065
26	58	Publishing activities	262674	14738	43232	2	84467
27	82	Office administrative, office support and other business support activities	393503	2481	39800	0	11314
28	95	Repair of computers and personal and household goods	1032416	53989	397879	0	4272
29	96	Other personal service activities	74005	3274	22321	21	1911
30		Others	1025027	849548	-92728	0	534306
		<b>Total</b>	<b>486621032</b>	<b>7665292</b>	<b>56161068</b>	<b>294018</b>	<b>8375168</b>

**Annual Survey of Industries 2018-19**  
**Table II: Important characteristics By major Industry Group**  
**(2 Digits of NIC 2008)**

Values in Rs.'000'

S.No	Ind Group	Description	Net Income	Factor Payment	Fuel Consumed	Material Consumed
1	10,11	Mfr. Of Food Products	9953371	964569	2463628	85695981
2	12	Manufacture of tobacco products	957128	34986	205643	8298636
3	13	Manufacture of textiles	1526943	166331	367887	5977229
4	14	Manufacture of wearing apparel	8285989	622223	765235	20425307
5	15	Manufacture of leather and related products	1646128	347792	557614	13014522
6	16	Manufacture of wood and products of wood and cork, except furniture;	148000	25662	7546	424072
7	17	Manufacture of paper and paper products	254036	98418	176034	3855431
8	18	Printing and reproduction of recorded media	2521629	373953	472962	8494392
9	20	Manufacture of chemicals and chemical products	727327	652171	339660	9208150
10	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	691213	93588	109269	2716251
11	22	Manufacture of rubber and plastics products	2600419	498059	816480	11234115
12	23	Manufacture of other non-metallic mineral products	1265341	20867	91838	455966
13	24	Manufacture of basic metals	831281	250937	854041	20513179
14	25	Manufacture of fabricated metal products, except machinery and equipment	2401605	262198	576308	12058256
15	26	Manufacture of computer, electronic and optical products	4891773	333436	212751	10952588
16	27	Manufacture of electrical equipment	1706192	350393	410028	21818251
17	28	Manufacture of machinery and equipment n.e.c.	2393779	249572	191347	6805911
18	29	Manufacture of motor vehicles, trailers and semi-trailers	1656702	105455	313856	6321919
19	30	Mfr. Of Other Transport equipment	127302	28537	78872	656148
20	31	Manufacture of furniture	218138	11444	18992	602699
21	32	Other manufacturing	1553489	58051	122234	2741314
22	33	Repair and installation of machinery and equipment	-3441711	347161	231779	4532939
23	38,36,37	Waste collection, treatment and disposal activities; materials recovery	12211	620493	659854	113870
24	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	6691660	1494488	2009197	1372293
25	52	Warehousing and support activities for transportation	137008	22110	100342	505
26	58	Publishing activities	-36101	84469	14222	107305
27	82	Office administrative, office support and other business support activities	29195	11314	6290	321906
28	95	Repair of computers and personal and household goods	395831	4272	14068	200325
29	96	Other personal service activities	21110	1932	6046	35565
30		Others	-626860	534306	26658	75242
		<b>Total</b>	<b>49540127</b>	<b>8669186</b>	<b>12220680</b>	<b>259030268</b>

**Annual survey of industry 2018-19**  
**Table III: Important characteristics By major Industry Group**  
**(3 Digits of NIC 2008)**

Values in Rs '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 fruit and vegetables	10	546326	562287	1108613	-2041650
2	104, 105	Manufacture of dairy products	4	699532	9298077	9997610	298545
3	106	Manufacture of grain mill products, starches and starch products	56	2094758	3257061	5351819	1894165
4	107, 110	Manufacture of other food products	69	4737023	2149448	6886472	12385090
5	120	Manufacture of tobacco products	33	706182	714980	1421162	480544
6	131	Spinning, weaving and finishing of textiles	23	375687	238216	613903	636171
7	139	Manufacture of other textiles	83	1796549	902039	2698588	1470159
8	141	Manufacture of wearing apparel, except fur apparel	302	6482990	7083226	13566216	8051237
9	143	Manufacture of Knitted and Crocheted and apparel	3	64082	61040	125123	30849
10	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	9	143611	128033	271644	293891
11	152	Manufacture of footwear	131	2195529	3056489	5252018	1667206
12	161, 162	Manufacture of products of wood, cork, straw and plaiting materials	7	100467	145435	245902	256774
13	170	Manufacture of paper and paper products	52	861701	698429	1560130	561598
14	181	Printing and service activities related to printing	218	4278324	1951003	6229328	1875114
15	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	17	667589	444956	1112544	520813
16	202, 203	Manufacture of other chemical products	39	6439218	9485229	15924447	2388714
17	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	32	716248	862690	1578937	703475
18	221	Manufacture of rubber products	13	41226	37573	78799	84377
19	222	Manufacture of plastics products	127	4564682	1977490	6542172	6387970
20	231	Manufacture of glass and glass products	9	102358	73923	176281	122815
21	239	Manufacture of non-metallic mineral products n.e.c.	10	412505	386634	799138	229387
22	241	Manufacture of basic iron and steel	63	275837	864859	1140696	2258617
23	242	Manufacture of basic precious and other non-ferrous metals	20	261788	691034	952822	-22230
24	243	Casting of metals	11	90139	264174	354313	468714
25	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	23	240412	288195	528608	465069
26	252	Manufacture of weapons and ammunition	3	6586	3670	10256	6259
27	259	Manufacture of other fabricated metal products; metalworking service activities	204	2479737	2690204	5169941	2705515

S.No	Industry Group	Description	No. of factories	Fixed Capital	Physical working capital	Invested Capital	Working capital
28	261	Manufacture of electronic components	23	448290	990803	1439093	1015740
29	262	Manufacture of computers and peripheral equipment	4	62620	564186	626806	773585
30	263	Manufacture of communication equipment	4	20518	36137	56655	83548
31	264	Manufacture of consumer electronics	34	357546	1262142	1619688	1880340
32	265	Manufacture of measuring, testing, navigating and control equipment;	16	706726	985264	1691990	1291947
33	267	Mfg of optical instruments and equipment	3	3612	11159	14771	27119
34	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	60	759389	1092319	1851708	2073583
35	272	Mfg. of batteries and accumulators	3	31591	50739	82331	16394
36	273	Manufacture of wiring and wiring devices	44	477674	1094254	1571927	1303607
37	274	Manufacture of electric lighting equipment	20	187680	145331	333011	238904
38	275	Manufacture of domestic appliances	30	584271	681538	1265809	371463
39	279	Manufacture of other electrical equipment	22	1205726	769413	1975139	667288
40	281	Manufacture of general purpose machinery	89	1837937	1290828	3128765	1348607
41	282	Manufacture of special-purpose machinery	62	499143	765407	1264550	837668
42	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	7	95944	62684	158628	105017
43	293	Manufacture of parts and accessories for motor vehicles	112	1087115	1572320	2659435	2394223
44	302,309	Mfr of Transport Equipment n.e.c.	27	155040	133452	288492	63892
45	310	Mfr of Furniture	18	78564	209127	287691	243981
46	321	Manufacture of jewellery, bijouterie and related articles	8	101902	421197	523099	896911
47	323	Manufacture of sports goods	3	23220	15768	38988	9308
48	324	Manufacture of games and toys	4	21594	51528	73122	64830
49	325	Manufacture of medical and dental instruments and supplies	18	656876	480048	1136924	2716182
50	329	Other manufacturing n.e.c.	20	261035	127966	389002	689
51	331	Repair of fabricated metal products, machinery and equipment	10	903099	427093	1330192	414192
52	360.370.382	Waste treatment and disposal	4	4758452	15037	4773489	829267
53	452	Maintenance and repair of motor vehicles	195	5764085	4074954	9839040	-997222
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	10	126257	237850	364107	217013
55	521	Warehousing and storage	16	1623132	704	1623836	66001
56	581	Publishing of books, periodicals and other publishing activities	8	288347	36940	325288	58669
57	829	Business support service activities n.e.c.	3	20020	109448	129468	116288
58	951,952	Repair computers and communication equipment	5	165260	155206	320467	85237
59	960	other personal service activities	3	27384	6104	33489	12043
60	192,351	Others	5	9387083	63629	9450712	-4052478
		<b>Total</b>	<b>2459</b>	<b>74108221</b>	<b>66256970</b>	<b>140365191</b>	<b>59353025</b>

**Annual Survey of Industries 2018-19**  
**Table III: Important characteristics By major Industry Group**  
**(3 Digits of NIC 2008)**

S.No	Industry Group	Description	Outstanding Loans	Mandays Employee	Employees	Workers	Wages to Workers
1	103, 101	Processing and preserving of fruit and vegetables	150340	439	1430	1062	280051
2	105, 104	Manufacture of dairy products	44031	215	612	314	173451
3	106	Manufacture of grain mill products, starches and starch products	2421767	701	2333	1385	261849
4	107,110	Manufacture of other food products	1115672	2985	9363	6384	1652116
5	120	Manufacture of tobacco products	408055	214	717	490	81777
6	131	Spinning, weaving and finishing of textiles	333557	241	807	604	121215
7	139	Manufacture of other textiles	1124880	784	2609	1861	296788
8	141	Manufacture of wearing apparel, except fur apparel	3778816	6449	21351	15442	2643605
9	143	Manufacture of Knitted and Crocheted and apparel	42294	35	116	71	12894
10	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	114394	62	208	149	27175
11	152	Manufacture of footwear	1721422	1644	5455	3844	697164
12	162,161	Manufacture of products of wood, cork, straw and plaiting materials	171674	85	287	166	31639
13	170	Manufacture of paper and paper products	805088	414	1386	756	123276
14	181	Printing and service activities related to printing	3207591	1477	4974	3430	602422
15	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	631506	111	375	213	36908
16	202,203	Manufacture of other chemical products	675826	463	1553	986	160410

17	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	787139	850	2791	1761	306243
18	221	Manufacture of rubber products	14261	64	217	163	26810
19	222	Manufacture of plastics products	3475576	967	3258	2209	388932
20	231	Manufacture of glass and glass products	58960	52	172	117	17722
21	239	Manufacture of non-metallic mineral products n.e.c.	199701	101	337	234	41134
22	241	Manufacture of basic iron and steel	1965416	182	634	469	79969
23	242	Manufacture of basic precious and other non-ferrous metals	485231	161	546	376	63914
24	243	Casting of metals	234468	70	239	177	31007
25	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	228705	186	623	504	87662
26	252	Manufacture of weapons and ammunition	9230	7	26	15	2514
27	259	Manufacture of other fabricated metal products; metalworking service activities	2118257	1553	5252	3944	712853
28	261	Manufacture of electronic components	1188266	294	982	603	121756
29	262	Manufacture of computers and peripheral equipment	16363	267	881	91	16265
30	263	Manufacture of communication equipment	15669	17	55	31	5067
31	264	Manufacture of consumer electronics	280832	341	1094	755	179745
32	265	Manufacture of measuring, testing, navigating and control equipment;	855692	423	1435	531	91967
33	267	Manufacture of optical instruments and equipment	14141	3	11	6	999
34	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	430949	548	1841	1298	224956
35	272	Manufacture of batteries and accumulators	26004	11	38	26	3302
36	273	Manufacture of wiring and wiring devices	1678359	397	1314	933	155525
37	274	Manufacture of electric lighting equipment	171644	115	395	261	44099
38	275	Manufacture of domestic appliances	339747	208	697	480	75143
39	279	Manufacture of other electrical equipment	709393	181	607	417	73853
40	281	Manufacture of general purpose machinery	1011170	740	2555	1317	256979

41	282	Manufacture of special-purpose machinery	423158	468	1585	1068	196936
42	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	62918	96	320	232	36030
43	293	Manufacture of parts and accessories for motor vehicles	1449030	1142	3820	2992	488929
44	309,302	Mfr of Transport Equipment n.e.c.	267613	152	493	410	73731
45	310	Mfr of Furniture	134408	118	395	247	42787
46	321	Manufacture of jewellery, bijouterie and related articles	48575	103	351	238	48214
47	323	Manufacture of sports goods	12439	19	67	49	8221
48	324	Manufacture of games and toys	59602	24	80	48	8312
49	325	Manufacture of medical and dental instruments and supplies	289497	359	1197	703	128095
50	329	Other manufacturing n.e.c.	180054	132	445	294	56650
51	331	Repair of fabricated metal products, machinery and equipment	441062	1058	3469	2640	873899
52	382,360,372	Waste treatment and disposal	4522951	506	1423	892	195453
53	452	Maintenance and repair of motor vehicles	4410629	4570	14980	9324	1799385
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	740364	107	353	242	35462
55	521	Warehousing and storage	152879	106	343	268	67871
56	581	Publishing of books, periodicals and other publishing activities	548273	41	137	66	13931
57	829	Business support service activities n.e.c.	107298	23	76	44	7966
58	951,952	Repair computers and communication equipment	7065	170	574	375	78681
59	960	Other Personal services activities	26213	17	57	30	4720
60	<b>192,351</b>	Others	2093930	232	762	649	153024
		<b>Total</b>	<b>49040045</b>	<b>33500</b>	<b>110502</b>	<b>74685</b>	<b>14529457</b>

**Annual Survey of Industries 2018-19**  
**Table III: Important characteristics By major Industry Group**  
**(3 Digits of NIC 2008)**

Values in Rs. '000'

S.No	Industry Group	Description	Total emoluments	Other inputs	Total Inputs	Products	Other Output
1	103,101	Processing and preserving of fruit and vegetables	818085	2475406	4262777	2892655	2798242
2	105,104	Manufacture of dairy products	479392	64693018	73479438	9669118	64871809
3	106	Manufacture of grain mill products, starches and starch products	766799	8371712	67513072	62678745	7633702
4	107,110	Manufacture of other food products	3701449	6822654	25267112	26432558	4855794
5	120	Manufacture of tobacco products	188779	362886	8867165	9900715	32226
6	131	Spinning, weaving and finishing of textiles	228004	286895	1341105	1408600	698450
7	139	Manufacture of other textiles	647717	824218	6115124	6689070	531362
8	141	Manufacture of wearing apparel, except fur apparel	5264645	11671968	32430616	34583137	7036455
9	143	Manufacture of Knitted and Crocheted and apparel	23354	17301	449195	477203	6245
10	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	73272	101313	308391	381038	82943
11	152	Manufacture of footwear	1447606	2672463	16037520	16513319	1548190
12	162,161	Manufacture of products of wood, cork, straw and plaiting materials	90187	562916	994534	454710	720720
13	170	Manufacture of paper and paper products	385485	655730	4687196	4615751	500825
14	181	Printing and service activities related to printing	1470722	1832195	10799549	11519611	2708579
15	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	111202	368313	3709394	3662214	336572
16	202,203	Manufacture of other chemical products	514021	807545	7014274	7538475	740574
17	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	849413	2455001	5280522	3908054	2230084
18	221	Manufacture of rubber products	41899	15525	245001	302493	15805
19	222	Manufacture of plastics products	1047865	1993153	13814273	15415198	1671721
20	231	Manufacture of glass and glass products	54007	133608	595277	707369	54077
21	239	Manufacture of non-metallic mineral products n.e.c.	87154	644003	730137	53528	1856109
22	241	Manufacture of basic iron and steel	135093	3109177	9734172	7020451	3242711
23	242	Manufacture of basic precious and other non-ferrous metals	190744	143821	12898748	13149424	199413
24	243	Casting of metals	49885	129096	2116393	2264540	8911
25	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	152774	103512	1211690	1543191	18560
26	252	Manufacture of weapons and ammunition	4672	2245	26074	33156	142
27	259	Manufacture of other fabricated metal products; metalworking service activities	1212248	3708381	15210939	14441522	3329743
28	261	Manufacture of electronic components	385784	2336328	5555829	3849886	2703530



S.No.	Inds Group	Description	Total Emoluments	Other Inputs	Total Inputs	Products	Other Output
29	262	Manufacture of computers and peripheral equipment	219497	3556894	4358567	845250	4182877
30	263	Manufacture of communication equipment	23972	48588	440362	437550	41131
31	264	Manufacture of consumer electronics	388949	2873850	6270248	5229832	3100941
32	265	Manufacture of measuring, testing, navigating and control equipment;	815199	2266418	5579500	4014147	3120088
33	267	Manufacture of optical instruments and equipment	2072	3204	46116	51478	1028
34	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	475684	964110	4738131	4884029	883223
35	272	Manufacture of batteries and accumulators	16866	10009	358083	391019	736
36	273	Manufacture of wiring and wiring devices	351631	1149894	12847623	11817575	957032
37	274	Manufacture of electric lighting equipment	92764	41247	702780	847248	3320
38	275	Manufacture of domestic appliances	212496	327733	2039551	2689527	6059
39	279	Manufacture of other electrical equipment	170912	277163	4312267	4711800	123820
40	281	Manufacture of general purpose machinery	954783	816984	4786076	5971654	699817
41	282	Manufacture of special-purpose machinery	439964	550695	3578861	4063149	367802
42	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	92030	43774	917532	1202444	7206
43	293	Manufacture of parts and accessories for motor vehicles	837370	752081	6514098	7912572	210266
44	309,302	Mfr of Transport Equipment n.e.c.	109747	62245	797265	883435	88224
45	310	Mfr of Furniture	100184	113101	734792	924024	50482
46	321	Manufacture of jewellery, bijouterie and related articles	122072	106749	1096577	1201768	173184
47	323	Manufacture of sports goods	12403	50498	100208	66702	57106
48	324	Manufacture of games and toys	21805	22509	155987	184297	18904
49	325	Manufacture of medical and dental instruments and supplies	580009	1666016	2885358	2771762	1305251
50	329	Other manufacturing n.e.c.	114444	78563	549753	600689	46917
51	331	Repair of fabricated metal products, machinery and equipment	1541028	1540594	6305312	-5	3273393
52	382, 360,370	Waste treatment and disposal	366736	605721	1379445	578803	1925511
53	452	Maintenance and repair of motor vehicles	4242517	15360625	18672028	43122	27486090
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	64255	231556	301643	0	499957
55	521	Warehousing and storage	107016	77057	177903	0	339942
56	581	Publishing of books, periodicals and other publishing activities	39935	83177	204704	167114	95560
57	829	Business support service activities n.e.c.	17287	23026	351222	387661	5842
58	951,952	Repair computers and communication equipment	151650	366155	580548	0	1032416
59	960	other personal service activities	9838	6798	48410	0	74005
60	192,351	Others	233098	166307	268207	744884	280144
			<b>33350472</b>	<b>151543725</b>	<b>422794673</b>	<b>325729265</b>	<b>160891767</b>

**Annual Survey of Industries 2018-19**  
**Table III: Important characteristics By major Industry Group**  
**(3 Digits of NIC 2008)**

Values in Rs.'000'

S.No	Industry Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
1	103,101	Processing and preserving of fruit and vegetables	5690897	103688	1324432	15779	12718
2	105,104	Manufacture of dairy products	74540927	100804	960686	0	19188
3	106	Manufacture of grain mill products, starches and starch products	70312447	212318	2587058	0	722513
4	107,110	Manufacture of other food products	31288353	659662	5361579	58129	136241
5	120	Manufacture of tobacco products	9932942	97977	967800	3066	31919
6	131	Spinning, weaving and finishing of textiles	2107050	63366	702578	0	36441
7	139	Manufacture of other textiles	7220432	151004	954304	314	129576
8	141	Manufacture of wearing apparel, except fur apparel	41619593	620944	8568033	9722	598641
9	143	Manufacture of Knitted and Crocheted and apparel	483449	6174	28079	0	13860
10	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	463980	6208	149381	0	10825
11	152	Manufacture of footwear	18061509	232198	1791791	0	336966
12	162,161	Manufacture of products of wood, cork, straw and plaiting materials	1175430	8073	172824	0	25662
13	170	Manufacture of paper and paper products	5116576	95172	334207	0	98418
14	181	Printing and service activities related to printing	14228190	664224	2764417	0	373953
15	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	3998786	61780	227612	0	83863
16	202,203	Manufacture of other chemical products	8279049	134632	1130143	300	568008
17	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	6138138	90434	767182	0	93588
18	221	Manufacture of rubber products	318299	5724	67574	0	2464
19	222	Manufacture of plastics products	17086920	341865	2930782	1113	494483
20	231	Manufacture of glass and glass products	761446	16113	150055	22	10526
21	239	Manufacture of non-metallic mineral products n.e.c.	1909637	46167	1133333	0	10320
22	241	Manufacture of basic iron and steel	10263162	35517	493473	3494	151253
23	242	Manufacture of basic precious and other non-ferrous metals	13348837	26514	423575	0	79534
24	243	Casting of metals	2273452	7994	149064	0	16655
25	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1561751	35601	314461	0	32141
26	252	Manufacture of weapons and ammunition	33297	840	6383	0	85
27	259	Manufacture of other fabricated metal products; metalworking service activities	17771265	239121	2321205	5190	224781

S.No.	Industry Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
28	261	Manufacture of electronic components	6553416	62298	935289	3005	96220
29	262	Manufacture of computers and peripheral equipment	5028127	14531	655029	0	20183
30	263	Manufacture of communication equipment	478681	3158	35161	0	3290
31	264	Manufacture of consumer electronics	8330773	50766	2009759	0	28076
32	265	Manufacture of measuring, testing, navigating and control equipment;	7134235	70541	1484195	0	181148
33	267	Manufacture of optical instruments and equipment	52506	411	5979	0	1514
34	271	Manufacture of electric motors, generators, transformers & electricity distribution and control apparatus	5767252	82083	947037	60	65090
35	272	Manufacture of batteries and accumulators	391755	5236	28436	0	2783
36	273	Manufacture of wiring and wiring devices	12774607	67273	-140289	0	157359
37	274	Manufacture of electric lighting equipment	850568	10415	137374	0	18675
38	275	Manufacture of domestic appliances	2695586	87413	568622	7	37927
39	279	Mfg. of other electrical equipment	4835620	96233	427120	790	67701
40	281	Manufacture of general purpose machinery	6671471	125101	1760295	3347	190687
41	282	Manufacture of special-purpose machinery	4430950	57913	794177	0	55539
42	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	1209650	17594	274524	35	6612
43	293	Manufacture of parts and accessories for motor vehicles	8122838	128690	1480051	265	98542
44	309,302	Mfr of Transport Equipment n.e.c.	971659.005	24623.869	149770.26	1616.1	26921.035
45	310	Mfr of Furniture	974506	12718	226996	0	11444
46	321	Manufacture of jewellery, bijouterie and related articles	1374953	15953	262422	0	3506
47	323	Manufacture of sports goods	123809	2556	21045	11	1579
48	324	Manufacture of games and toys	203201	5340	41874	0	4818
49	325	Manufacture of medical and dental instruments and supplies	4077012	82249	1109406	7	36608
50	329	Other manufacturing n.e.c.	647606	31046	66807	0	11522
51	331	Repair of fabricated metal products, machinery and equipment	3273387	173104	-3205029	80817	266344
52	382,360,370	Waste treatment and disposal	2504314	524192	600677	0	620493
53	452	Maintenance and repair of motor vehicles	27529212	907546	7949638	106862	1356771
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	499957	6369	191945	0	30856
55	521	Warehousing and storage	339942	11797	150242	45	22065
56	581	Publishing of books, periodicals and other publishing activities	262674	14738	43232	2	84467
57	829	Business support service activities n.e.c.	393503	2481	39800	0	11314
58	951,952	Repair computers and communication equipment	1032416	53989	397879	0	4272
59	960	other personal service activities	74005	3274	22321	21	1911
60	192,351	Others	1025027	849548	-92728	0	534306
		<b>Total</b>	<b>486621032</b>	<b>7665292</b>	<b>56161068</b>	<b>294018</b>	<b>8375168</b>

**Annual Survey of Industries 2018-19**  
**Table III: Important characteristics By major Industry Group**  
**(3 Digits of NIC 2008)**

Values in Rs.'000'

S.No	Industry Group	Description	Net Income	Factor Payment	Fuel consumed	materials consumed	GVA
1	103,101	Processing and preserving of fruit and vegetables	1301176	28497	227695	1559676	1428120
2	105,104	Manufacture of dairy products	945262	19188	224539	8561881	1061489
3	106	Manufacture of grain mill products, starches and starch products	1953189	722513	1094581	58046778	2799376
4	107,110	Manufacture of other food products	5753745	194370	916812	17527645	6021241
5	120	Manufacture of tobacco products	957128	34986	205643	8298636	1065777
6	131	Spinning, weaving and finishing of textiles	680614	36441	152406	901804	765945
7	139	Manufacture of other textiles	846329	129890	215481	5075425	1105308
8	141	Manufacture of wearing apparel, except fur apparel	8269277	608363	757551	20001097	9188977
9	143	Manufacture of Knitted and Crocheted and apparel	16712	13860	7684	424210	34253
10	151	Tanning and dressing of leather; mfg. of luggage, handbags, saddlery and harness; dressing and dyeing of fur	160092	10825	8046	199032	155589
11	152	Manufacture of footwear	1486036	336966	549567	12815490	2023989
12	162,161	Manufacture of products of wood, cork, straw and plaiting materials	148000	25662	7546	424072	180896
13	170	Manufacturing of paper and paper products	254036	98418	176034	3855431	429380
14	181	Printing and service activities related to printing	2521629	373953	472962	8494392	3428641
15	201	Mfg. of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	153490	83863	138811	3202270	289392
16	202,203	Manufacture of other chemical products	573836	568308	200849	6005880	1264775
17	210	Mfg. of pharmaceuticals, medicinal chemical and botanical products	691213	93588	109269	2716251	857616
18	221	Manufacture of rubber products	67137	2464	20231	209245	73298
19	222	Manufacture of plastics products	2533282	495596	796249	11024871	3272647
20	231	Manufacture of glass and glass products	139907	10547	46745	414925	166168
21	239	Manufacture of non-metallic mineral products n.e.c.	1125434	10320	45093	41040	1179500
22	241	Manufacture of basic iron and steel	341624	154748	304222	6320773	528990
23	242	Manufacture of basic precious and other non-ferrous metals	356479	79534	388476	12366450	450089
24	243	Casting of metals	133179	16655	161342	1825956	157058
25	251	Manufacture of structural metal products, tanks, reservoirs and steam generators	285428	32141	45379	1062798	350061
26	252	Mfg. of weapons and ammunition	6788	85	2220	21609	7223
27	259	Manufacture of other fabricated metal products; metalworking service activities	2109389	229971	528709	10973848	2560326
28	261	Manufacture of electronic components	882847	99225	87507	3131995	997587
29	262	Manufacture of computers and peripheral equipment	653765	20183	9805	791868	669560
30	263	Manufacture of communication equipment	32325	3290	1906	389867	38319

S.No.	Industry Group	Description	Net Income	Factor Payment	Fuel consumed	materials consumed	GVA
31	264	Manufacture of consumer electronics	1999917	28076	67824	3328573	2060525
32	265	Manufacture of measuring, testing, navigating and control equipment;	1318453	181148	44189	3268892	1554736
33	267	Manufacture of optical instruments and equipment	4465	1514	1519	41393	6390
34	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	941885	65149	99986	3674035	1029120
35	272	Manufacture of batteries and accumulators	25703	2783	18025	330049	33672
36	273	Manufacture of wiring and wiring devices	-281094	157359	169308	11528421	-73016
37	274	Manufacture of electric lighting equipment	120723	18675	19831	641702	147789
38	275	Manufacture of domestic appliances	537106	37934	40703	1671115	656035
39	279	Manufacture of other electrical equipment	361869	68491	62176	3972929	523353
40	281	Manufacture of general purpose machinery	1634399	194033	99790	3869302	1885395
41	282	Manufacture of special-purpose machinery	759380	55539	91557	2936609	852090
42	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	269139	6647	59117	814641	292118
43	293	Manufacture of parts and accessories for motor vehicles	1387562	98808	254739	5507278	1608741
44	309,302	Mfr of Transport Equipment n.e.c.	127302	28537	78872	656148	174394
45	310	Mfr of Furniture	218138	11444	18992	602699	239713
46	321	Manufacture of jewellery, bijouterie and related articles	290234	3506	13914	975914	278376
47	323	Manufacture of sports goods	19454	1591	3516	46195	23601
48	324	Manufacture of games and toys	37335	4818	4274	129204	47214
49	325	Manufacture of medical and dental instruments and supplies	1149910	36614	63841	1155501	1191655
50	329	Other manufacturing n.e.c.	56555	11522	36690	434501	97853
51	331	Repair of fabricated metal products, machinery and equipment	-3441711	347161	231779	4532939	-3031925
52	382,370,360	Waste treatment and disposal	12211	620493	659854	113870	1124869
53	452	Maintenance and repair of motor vehicles	6530569	1463633	1991003	1320400	8857184
54	454	Sale, maintenance and repair of motorcycles and related parts and accessories	161091	30856	18194	51893	198314
55	521	Warehousing and storage	137008	22110	100342	505	162039
56	581	Publishing of books, periodicals and other publishing activities	-36101	84469	14222	107305	57970
57	829	Business support service activities n.e.c.	29195	11314	6290	321906	42281
58	951,952	Repair computers and communication equipment	395831	4272	14068	200325	451867
59	960	other personal service activities	21110	1932	6046	35565	25595
60	192,351	others	-626860	534306	26658	75242	756820
		<b>Total</b>	<b>49540127</b>	<b>8669186</b>	<b>12220680</b>	<b>259030268</b>	<b>63826360</b>

**Annual survey of industry 2018-19**  
**Table IV: Important characteristics By Employment Range**  
**(3 Digits of NIC 2008)**

Values in Rs."000"

S.No	Emp range	Factories covered	Fixed capital	Productive capital	Mandays employees	Emoluments	Input	Output	Depreciation	Value added
1	0-4	111	10190	5211	54	356	3039	2957	1422	-1505
2	5-9	126	6848	15078	169	1214	14140	17817	609	3069
3	10-19	230	11891	38333	540	4735	84746	92593	901	6946
4	20-49	628	67769	151380	2678	23227	371124	423381	11235	41022
5	50-99	609	110243	256242	5553	52510	919312	1059649	10695	129641
6	100-199	474	169736	412121	7991	84993	1081076	1269643	17469	171098
7	200-299	136	72309	112508	3543	33067	420773	499326	6417	72136
8	300-399	45	83788	141088	1954	20358	131518	171937	3851	36568
9	400-499	24	37703	51976	1976	24082	833389	872003	4530	34084
10	500	77	170605	150676	9042	88963	368830	456905	19524	68551
		<b>2459</b>	<b>741082</b>	<b>1334612</b>	<b>33500</b>	<b>333505</b>	<b>4227947</b>	<b>4866210</b>	<b>76653</b>	<b>561611</b>

**Annual survey of Industry 2018-19**  
**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 )	Mandays Employee (in '000' Nos. )	Workers (in Nos.)	Wages to Workers (in Rs '000')	Total Emoluments (in Rs '000')	Workers Per Unit	Employee Per Unit	Emolument per Employee (in Rs )
1	10	Mfr. Of Food Products	139	13738	4340	9145	2367467	5765724	66	99	419681
2	12	Manufacture of tobacco products	33	717	214	490	81777	188779	15	22	263290
3	13	Manufacture of textiles	105	3417	1025	2465	418003	875721	23	32	256302
4	14	Manufacture of wearing apparel	305	21467	6484	15513	2656499	5287998	51	70	246329
5	15	Manufacture of leather and related products	139	5663	1706	3993	724340	1520878	29	41	268583
6	16	Manufacture of wood and products of wood and cork, except furniture;	7	287	85	166	31639	90187	24	41	314242
7	17	Manufacture of paper and paper products	52	1386	414	756	123276	385485	15	27	278211
8	18	Printing and reproduction of recorded media	218	4974	1477	3430	602422	1470722	16	23	295697
9	20	Manufacture of chemicals and chemical products	56	1928	573	1199	197318	625223	21	34	324286
10	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	32	2791	850	1761	306243	849413	55	87	304340
11	22	Manufacture of rubber and plastics products	140	3475	1031	2373	415742	1089763	17	25	313568
12	23	Manufacture of other non-metallic mineral products	19	509	153	351	58856	141162	19	28	277468
13	24	Manufacture of basic metals	94	1419	413	1022	174891	375721	11	15	264833
14	25	Manufacture of fabricated metal products, except machinery and equipment	230	5902	1746	4463	803029	1369695	19	26	232080
15	26	Manufacture of computer, electronic and optical products	83	4457	1345	2017	415800	1835473	24	54	411795

S.no	Ind Group	Description	No. of factories (in Nos )	Employees (in Nos )	Mandays Employee (in '000' Nos. )	Workers (in Nos.)	Wages to Workers (in Rs '000')	Total Emoluments (in Rs '000')	Workers Per Unit	Employee Per Unit	Emolument per Employee (in Rs )
16	27	Manufacture of electrical equipment	179	4892	1459	3414	576879	1320352	19	27	269913
17	28	Manufacture of machinery and equipment n.e.c.	152	4140	1208	2385	453916	1394747	16	27	336895
18	29	Manufacture of motor vehicles, trailers and semi-trailers	119	4140	1238	3224	524959	929400	27	35	224507
19	30	Mfr. Of Other Transport equipment	27	493	152	410	73731	109747	15	18	222610
20	31	Manufacture of furniture	18	395	118	247	42787	100184	14	22	253630
21	32	Other manufacturing	53	2140	637	1332	249492	850735	25	41	397632
22	33	Repair and installation of machinery and equipment	10	3469	1058	2640	873899	1541028	264	347	444228
23	38	Waste collection, treatment and disposal activities; materials recovery	4	1423	506	892	195453	366736	223	356	257720
24	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	204	15333	4677	9566	1834847	4306772	47	75	280886
25	52	Warehousing and support activities for transportation	16	343	106	268	67871	107016	17	21	312228
26	58	Publishing activities	8	137	41	66	13931	39935	8	17	291496
27	82	Office administrative, office support and other business support activities	3	76	23	44	7966	17287	15	25	227458
28	95	Repair of computers and personal and household goods	5	574	170	375	78681	151650	75	115	264199
29	96	Other personal service activities	3	57	17	30	4720	9838	10	19	172600
30		Others	5	762	232	649	153024	233098	130	152	305903
		<b>Total</b>	<b>2459</b>	<b>110502</b>	<b>33500</b>	<b>74685</b>	<b>14529457</b>	<b>33350472</b>	<b>30</b>	<b>45</b>	<b>301810</b>



**Annual survey of industry**  
**Table VI: Principal Characteristics by year of initial Production**

Values in Rs.Lakhs

S.No	Year	Factories Covered	Fixed capital	Productive Capital	Employees (No.)	Emoluments	Total input	Total Output	Depreciation	Value Added
1	upto 1950	22	23097	40608	1351	9196	52721	78031	630	24680
2	1951-1960	64	5962	32548	1247	3077	37425	43172	760	4988
3	1961-1970	119	16490	162420	2726	13168	84977	107806	1398	21430
4	1971-1980	287	58377	123347	10885	38574	974494	996792	6334	15964
5	1981-1990	444	148597	258392	21498	65637	502378	604085	10850	90857
6	1991-2000	507	131248	275618	23830	68471	910701	1052070	15437	125932
7	2001-2010	657	202185	221426	30134	87556	1038611	1244131	19759	185760
8	2011& onwards	359	155126	220254	18832	47826	626639	740124	21485	92000
		<b>2459</b>	<b>741082</b>	<b>1334612</b>	<b>110502</b>	<b>333505</b>	<b>4227947</b>	<b>4866210</b>	<b>76653</b>	<b>638264</b>

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**Table VII : Important Structural Ratios According to major Industry Group  
(2 Digits of NIC 2008 )**

S.No	Ind Group	Description	No. of factories (in Nos)	Invested Capital to Fixed Capital	Input Output ratio	Value added output	Fixed capital output	Invested capital output
1	10	Mfr. Of Food Products	139	2.89	0.94	0.06	0.04	0.13
2	12	Manufacture of tobacco products	33	2.01	0.89	0.10	0.07	0.14
3	13	Manufacture of textiles	105	1.52	0.80	0.18	0.23	0.36
4	14	Manufacture of wearing apparel	305	2.09	0.78	0.20	0.16	0.33
5	15	Manufacture of leather and related products	139	2.36	0.88	0.10	0.13	0.30
6	16	Manufacture of wood and products of wood and cork, except furniture	7	2.45	0.85	0.15	0.09	0.21
7	17	Manufacture of paper and paper products	52	1.81	0.92	0.07	0.17	0.30
8	18	Printing and reproduction of recorded media	218	1.46	0.76	0.19	0.30	0.44
9	20	Manufacture of chemicals and chemical products	56	2.40	0.87	0.11	0.58	1.39
10	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	32	2.20	0.86	0.12	0.12	0.26
11	22	Manufacture of rubber and plastics products	140	1.44	0.81	0.17	0.26	0.38
12	23	Manufacture of other non-metallic mineral products	19	1.89	0.50	0.48	0.19	0.37
13	24	Manufacture of basic metals	94	3.90	0.96	0.04	0.02	0.09
14	25	Manufacture of fabricated metal products, except machinery and equipment	230	2.09	0.85	0.14	0.14	0.29
15	26	Manufacture of computer, electronic and optical products	83	3.41	0.81	0.19	0.06	0.20
16	27	Manufacture of electrical equipment	179	2.18	0.92	0.07	0.12	0.26
17	28	Manufacture of machinery and equipment n.e.c.	152	1.88	0.75	0.23	0.21	0.40
18	29	Manufacture of motor vehicles, trailers and semi-trailers	119	2.38	0.80	0.19	0.13	0.30
19	30	Mfr. Of Other Transport equipment	27	1.86	0.82	0.15	0.16	0.30
20	31	Manufacture of furniture	18	3.66	0.75	0.23	0.08	0.30
21	32	Other manufacturing	53	2.03	0.75	0.23	0.17	0.34
22	33	Repair and installation of machinery and equipment	10	1.47	1.93	-0.98	0.28	0.41
23	38	Waste collection, treatment and disposal activities; material recovery	4	1.00	0.55	0.24	1.90	1.91
24	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	204	1.73	0.68	0.29	0.21	0.36
25	52	Warehousing and support activities for transportation	16	1.00	0.52	0.44	4.77	4.78
26	58	Publishing activities	8	1.13	0.78	0.16	1.10	1.24
27	82	Office administrative, office support and other business support activities	3	6.47	0.89	0.10	0.05	0.33
28	95	Repair of computers and personal and household goods	5	1.94	0.56	0.39	0.16	0.31
29	96	Other personal service activities	3	1.22	0.65	0.30	0.37	0.45
30		Others	5	1.01	0.26	-0.09	9.16	9.22
		<b>Total</b>	<b>2459</b>	<b>1.89</b>	<b>0.87</b>	<b>0.12</b>	<b>0.15</b>	<b>0.29</b>

**Annual Survey of Industry 2018-19**  
**Table VIII : Important Structural By 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
	10	Mfr. Of Food Products	419681	19882405	18645693	1119005	2552595	258870
2	12	Manufacture of tobacco products	263290	20271310	18096255	1975102	2900329	166892
3	13	Manufacture of textiles	256302	3784033	3024890	672175	1343832	169578
4	14	Manufacture of wearing apparel	246329	2713998	2119460	554113	882555	171240
5	15	Manufacture of leather and related products	268583	4639385	4093547	486133	1383304	181398
6	16	Manufacture of wood and products of wood and cork, except furniture;	314242	7080906	5991168	1041108	1481334	190594
7	17	Manufacture of paper and paper products	278211	6770934	6202722	442268	2064571	163135
8	18	Printing and reproduction of recorded media	295697	4147618	3148145	805847	1815893	175610
9	20	Manufacture of chemicals and chemical products	324286	10242198	8945708	1132642	14212297	164603
10	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	304340	3486093	2999018	435713	896741	173927
11	22	Manufacture of rubber and plastics products	313568	7335881	5925645	1263735	2790580	175225
12	23	Manufacture of other non-metallic mineral products	277468	7620777	3781496	3661592	2782935	167921
13	24	Manufacture of basic metals	264833	25331270	24219457	1043289	2395425	171146
14	25	Manufacture of fabricated metal products, except machinery and equipment	232080	4339308	3685574	591990	1279141	179931
15	26	Manufacture of computer, electronic and optical products	411795	13672652	11031542	2541107	2701538	206147
16	27	Manufacture of electrical equipment	269913	8001180	7322501	576551	2073840	168978
17	28	Manufacture of machinery and equipment n.e.c.	336895	4654615	3506943	1070945	1841867	190301
18	29	Manufacture of motor vehicles, trailers and semi-trailers	224507	2894548	2304980	544196	874045	162820
19	30	Mfr. Of Other Transport equipment	222610	2369900	1944548	365293	703639	179832
20	31	Manufacture of furniture	253630	3953370	2980901	920876	1167102	173577
21	32	Other manufacturing	397632	4826572	3595856	1127716	1623082	187377
22	33	Repair and installation of machinery and equipment	444228	1239920	2388375	-1214026	503860	331022

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
23	38	Waste collection, treatment and disposal activities; materials recovery	257720	2807527	1546462	673404	5351445	219118
24	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	280886	2930113	1983469	851105	1066617	191811
25	52	Warehousing and support activities for transportation	312228	1267259	663198	560082	6053443	253016
26	58	Publishing activities	291496	3979912	3101578	655038	4928598	211069
27	82	Office administrative, office support and other business support activities	227458	8943250	7982320	904537	2942446	181052
28	95	Repair of computers and personal and household goods	264199	2753109	1548129	1061010	854578	209815
29	96	Other personal service activities	172600	2466829	1613656	744043	1116293	157327
30		Others	305903	1579395	413261	-142878	14561959	235785
		<b>Total</b>	<b>301810</b>	<b>6515661</b>	<b>5661051</b>	<b>751974</b>	<b>1879434</b>	<b>194544</b>

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

Values in Rs.Lakh

<b>Capital Range (gross Value of plant &amp; Machinery)</b>	<b>Factories Covered</b>	<b>Fuels</b>	<b>Material</b>	<b>Other input</b>	<b>Total input</b>	<b>Total output</b>	<b>Emoluments</b>	<b>Depreciation</b>
less than 10.00	817	11789	286435	72841	371065	420420	38338	4562
10.00-25.00	176	5336	151616	37057	194010	226187	13245	1525
25.00-50.00	183	5314	130236	43680	179230	206817	13110	2086
50.00-75.00	130	3227	55643	18322	77193	99614	11588	1592
75.00-100.00	57	1314	34800	17546	53659	65251	6506	983
100.00-200.00	216	10102	153492	37130	200723	239903	17116	3256
200.00-250.00	92	5515	168522	40841	214878	229945	6710	1624
250.00-350.00	91	3441	104312	36279	144032	175564	10272	1219
350.00-500.00	111	5775	171116	36105	212995	249154	15862	3123
500.00-750.00	106	4222	108900	57669	170790	211304	19671	3279
750.00-1000.00	82	6113	122441	93689	222243	267282	20357	3100
1000.00&above	398	60061	1102790	1024277	2187129	2474769	160731	50304
<b>Total</b>	<b>2459</b>	<b>122207</b>	<b>2590303</b>	<b>1515437</b>	<b>4227947</b>	<b>4866210</b>	<b>333505</b>	<b>76653</b>

**Annual Survey of Industry 2018-19**  
**Statement showing the merging of Industries**

<b>S.No</b>	<b>Table Description</b>	<b>Industry Code</b>	<b>Included in</b>
1	<b>3 Digit of NIC 2008</b>	101	103
		104	105
		110	107
		161	162
		203	202
		302	309
		360 , 370	382
		952	951
		192 , 351	Others
2	<b>2 Digit of NIC 2008</b>	11	10
		36,37	38
		19, 35	Others