



GOVERNMENT OF NCT OF DELHI



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

Website: www.des.delhigovt.nic.in



GOVERNMENT OF NCT OF DELHI

**REPORT ON
ANNUAL SURVEY OF INDUSTRIES
2017-2018**

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

Website: www.des.delhigovt.nic.in

PREFACE

The present report is on Annual Survey of Industries (ASI) 2017-2018 of the Govt. of NCT of Delhi, thirty seventh 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 Seventh time when DES, Delhi participated in the field work of ASI 2017-18 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 344 residual sample units surveyed by this Directorate. District level estimates for important characteristics have also been presented in the report for the sixth 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 and Sh. K.R.Chhibber, Assistant Director. The report has been prepared by Sh. Parveen Chawla, Statistical Officer, with the assistance of staff of ASI branch, Ms. Binni Choudhary, Sh. Sachin Kumar, Sh. Pardeep Kumar, Sh. Pardeep Kumar Yadav, Sh. Rohini Pokhrel and Ms. Rekha Sharma Statistical Assistants.

Data processing and tabulation work has been done in the EDP unit under guidance of Sh. Praveen Srivastava & Sh. Amit Verma, System Analysts. 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
October, 2020

Ashok Kumar
Director

CONTENTS

CHAPTER	DESCRIPTION	Page
	PART – I	
I	Introduction	1-9
II	Concepts & Definition	10-13
III	General Review of Industrial Activity in 2017-18	14-32
IV	District Level Estimates	33-41
	PART-II STATISTICAL TABLES	
I	Principal characteristics at a glance ASI- 2017-2018	42
II	Important Characteristics by Major Industry Groups (2 digit level of NIC – 2008)	43-47
III	Important Characteristics by Major Industry Groups (3 digit of NIC-2008)	48-57
IV	Important Characteristics by Employment Range	58
V	Distribution of Workers and employees by major industry groups	59-60
VI	Principal Characteristics by year of initial Production	61
VII	Important Structural By major Industry Group	62
VIII	Important structural ratios According to Major Industry Groups	63-64
IX	General Pattern of Cost of Production by Size of Capital.	65
X	Statement showing the Merging of Industries 2017-18	66

CHAPTER – I

INTRODUCTION

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

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

It is for the Seventh time when DES, Delhi participated in the field work of ASI 2017-18 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 344 residual sample units surveyed by this Directorate.

COVERAGE

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

"Any premises" including the precincts thereof:-

(i) wherein ten or more workers are working or were working on any day of the preceding Twelve months, and in any part of which a manufacturing process is being carried on with the aid of power or is ordinarily so carried on,

or

(ii) wherein twenty or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on without the aid of power or is ordinarily so carried on, but does not include a mine subject to the operation of the Mines Act, 1952, or a railway running shed.

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

“Any process” for-

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

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

Unit of Enumeration

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

ASI Frame

The ASI frame is based on the lists of registered factories/units maintained by the Chief Inspector of Factories in each state and those maintained by registration authorities in respect of bidi and cigar establishments and electricity under-takings. The frame is being revised once in three years from 1989-90 but updated every year by the regional offices of the Field Operations Division of NSSO in consultation with the Chief Inspector of Factories in the state. At the time of revision, the names of the de-registered factories are removed from the ASI frame and those of the newly registered factories are added. In updation, only new registrations are added to the existing frame. In spite of regular updating of the frame, quite a number of small-sized factories selected for the survey are found to be non-existing in the field and are termed as deleted factories. However, such factories are not taken into consideration for the purpose of tabulation and analysis in this report.

All the factories in the frame have been classified into two sectors, viz., the census sector and the sample sector.

The Census Sector consists of the following categories:

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

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

Since ASI 1999-2000, all electricity undertakings other than captive units have been kept outside the purview of ASI. All departmental undertakings such as Railway workshop etc. have also been kept outside the preview of ASI.

Sampling Design and Sample Allocation

A new sampling design has been adopted since ASI 2013-14 following the recommendation of Dr. S. L. Shetty Committee and approved by the SCIS subsequently in its 23rd meeting. According to the new sampling design, ASI sample comprises two parts – Central Sample and State Sample. The Central Sample consists of two schemes: Census and Sample. Under Census scheme, all the units are surveyed.

(a) Census scheme:

- (i) All industrial units belonging to the six less industrially developed states/ UT's viz. Manipur, Meghalaya, Nagaland, Sikkim, Tripura and Andaman & Nicobar Islands.
 - (ii) For the rest of the states (i) units having 100 or more employees (in case of Delhi, units having 50 or more employees) and (ii) all factories covered under Joint Returns.
 - (iii) After excluding the Census scheme units, as defined above, all units belonging to the strata **(State x District x Sector x 4 digit NIC-2008)** having less than or equal to 4 units are also considered under Census Scheme. It may be noted that in the formation of stratum, the sectors are considered as Bidi, Manufacturing and Electricity.
- (b) All the remaining units in the frame are considered under **Sample Scheme**. For all the states, **each stratum is formed on the basis of State x District x Sector x 4-digit NIC-2008**. The units are arranged in descending order of their number of employees. Samples are drawn as per Circular Systematic Sampling technique for this scheme. An even number of units with a minimum of 4 units are selected and distributed in four sub-samples. It may be noted that each of 4 sub-samples from a particular stratum may not have equal number of units.
- (c) Out of these 4 sub-samples, two pre-assigned sub-samples are given to NSSO (FOD) and the other two-subsamples are given to State/UT for data collection.
- (d) The entire census units *plus* all the units belonging to the two sub-samples given to NSSO

(FOD) are treated as the **Central Sample**.

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

4. Estimation Procedure

4.1 Notations:

i = subscript for i-th state.

s = subscript for s-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:

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

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

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

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

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

The sampling variance based on central Samples is :

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

The sampling variance based on state Samples is :

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

For generating estimates of variance for the pooled sample is:

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

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 2017-2018 was the accounting year of the factory, ending on any day during the financial year 2017-2018. Thus in ASI 2017-2018 data collected from respective establishment relate to their accounting year ended on any day between 1st April, 2017 and 31st March, 2018. Survey was conducted in the year May, 2019 to December, 2019.

Schedule of Enquiry

The schedule for ASI 2017-2018 is more or less similar to the ASI schedule 2016-2017, 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, 38,45, 52, 58, 82, 95 and 96 following NIC-2008. For all other industry codes the units have been clubbed and shown under a common industry 'Other' in different tables.

CHAPTER – II

CONCEPTS AND DEFINITIONS

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

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

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

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

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

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

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

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

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

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

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

purposes and reimbursed by the employer are excluded. The wages are expressed in terms of gross value i.e., before deduction for fines, damages, taxes, provident fund, employee's state insurance contribution etc.

TOTAL EMOLUMENTS is defined as the sum of wages and salaries, employer's 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 2017-18

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 2017-18 with comparative figures available for the year 2016-2017, have been depicted in Table-1 below:

TABLE 1: IMPORTANT CHARACTERISTICS OF THE ORGANISED INDUSTRIAL (FACTORY) SECTOR DURING ASI 2016-17 AND 2017-18.

S. No.	Characteristics	Unit	2016-17	2017-18	% (+)Increase/ Decrease(-) Over the year
1	Factories in Operation	Number	2,639	2,459	-6.82
2	Fixed Capital	₹ in Lakh	6,97,296	6,63,000	-4.92
3	Working Capital	₹ in Lakh	8,99,030	5,54,274	-38.35
4	Productive Capital	₹ in Lakh	15,96,326	12,17,274	-23.75
5	Invested Capital	₹ in Lakh	17,96,017	13,27,419	-26.09
6	Outstanding Loans	₹ in Lakh	6,62,916	4,77,659	-27.95
7	Mandays Worked (E)	No. in Lakh	339	319	-5.90
8	Workers	Number	75,172	70,414	-6.33
9	All Employees	Number	1,11,776	1,05,146	-5.93
10	Wages to Workers	₹ in Lakh	1,12,957	1,17,473	4.00
11	Total Emoluments	₹ in Lakh	2,89,654	2,91,004	0.47
12	Total Input	₹ in Lakh	58,11,192	39,84,772	-31.43
13	Total Outputs	₹ in Lakh	64,81,104	46,59,198	-28.11
14	Gross Value Added	₹ in Lakh	6,69,913	6,74,426	0.67
15	Depreciation	₹ in Lakh	65,027	72,826	11.99
16	Factor Payments (Rent Paid + Interest Paid)	₹ in Lakh	1,76,098	1,24,901	-29.07
17	Net Income	₹ in Lakh	4,55,590	5,02,242	10.24

CONCENTRATION OF FACTORIES

The summary results (Table II of the Annexure) revealed that during the reference period of ASI 2017-2018, the most of factories were engaged in Manufacture of Fabricated Metals Products except Machinery (NIC-25) (10.72%) followed by, Manufacture of Wearing apparel (NIC-14) (9.96%) Wholesale & Retail Trade & Repair of Motor Vehicles (NIC-45) (8.76%), Printing & Reproduction of Recorded Media (NIC-18) (8.01%), Manufacture of electrical equipment (NIC-27) (8.00%) and Manufacture of leather and related products (NIC-15) (6.53%). These six industries together have constituted 51.97% of the total working factories, provided employment to 51.99 % of the total employees and utilized 37.72 percent of fixed capital stock. Their share in the gross value of output and net value added by manufacture were 43.19 and 43.69 percent respectively.

During ASI 2017-18 there was a decrease of 6.82% in the number of working factories. Outstanding loans, total input, Invested Capital and Fixed Capital were also decreased by 27.95%, 31.43%, 26.09% and 4.92% respectively. Also, Total Emoluments increased during current year (2017-18) from previous year by 0.47%, whereas number of workers decreased by 6.33% during the same period. At the same time GVA and Net Income have increased by 0.67% and 10.24% respectively during the ASI 2017-18. The major increase in GVA was observed in the Industry group, Manufacture of textiles (NIC-13) 90.64%, Manufacture of motor vehicles, trailers and semi-trailers (NIC-29) 86.80 %, Manufacture of chemicals and chemical products (NIC-20) 75.05%, Manufacture of computer, electronic and optical products (NIC-26) 44.09% and Publishing activities (NIC-58) 42.01%.

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

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

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

TABLE 2: FACTORIES CLASSIFIED BY TYPE OF ORGANIZATION

S.No	Type of Ownership/Organisation	Census	Sample	Total
1	Individual Proprietorship	188	569	757
		18.61%	39.29%	30.80%
2	Partnership	240	396	636
		23.76%	27.35%	25.88%
3	Limited Liability Partnership	6	10	16
		0.59%	0.68%	0.65%
4	Government Company-Public	1	0	1
		0.10%	0.00%	0.04%
5	Government Company-Private	8	4	12
		0.79%	0.30%	0.50%
6	Non-Government Company-Public	27	10	37
		2.67%	0.66%	1.48%
7	Non-Government Company-Private	539	460	999
		53.37%	31.75%	40.63%
8	Co-operative Society	0	0	0
		0.00%	0.00%	0.00%
9	Others (including Joint Family (HUF), Trusts, Wakf Boards, Handlooms, KVIC etc.)	1	0	1
		0.10%	0.00%	0.04%
	Total	1010	1449	2459
		100.00%	100.00%	100.00%

The study of the table-2 reveals that:

- (i) Factories under the group ‘Non-Government Company--Private’ numbering 999 (40.63%) were the highest in the factory sector, followed by ‘Individual Proprietorship’ 757 units (30.80%), and Partnership 636 (25.88%).
- (ii) In the Census Sector, ‘Non-Government Company-Private’ 539 (53.37%), Partnership 240 (23.76%) and Individual Proprietorship 188 (18.61%) 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 569 (39.29%) occupied the top position, followed by Non-Government Company- Private 460 (31.75%) and Partnership 396 (27.35%).

(b) Year of Initial Production

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

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

S.No	Year	Census	Sample	Total
1	Upto 1950	12	15	27
		1.19%	1.03%	1.09%
2	1951-1960	24	30	54
		2.38%	2.08%	2.20%
3	1961-1970	50	77	127
		4.95%	5.33%	5.17%
4	1971-1980	93	229	322
		9.21%	15.80%	13.09%
5	1981-1990	153	326	479
		15.15%	22.46%	19.46%
6	1991-2000	225	300	525
		22.28%	20.68%	21.34%
7	2001-2010	280	327	607
		27.72%	22.53%	24.66%
8	2011 & Onwards	173	146	319
		17.13%	10.09%	12.98%
Total		1010	1449	2459
		100.00%	100.00%	100.00%

It would be seen from the Table 3 that:-

- (i) Out of total 2459 units covered, only 27 units (1.09 %) have started their production before 1951. The survey result reveals a continuous upward trend in the numbers of factories according to their year of initial production. Maximum numbers of factories are returned in the period 2001-2010 as 607 (24.66%).
- (ii) In the Census Sector, the maximum numbers of 280 units (27.72%) were set up in the period 2001-10, while 225 units (22.28%) during 1991-2000.

(iii) Similarly, in Sample Sector the maximum numbers of 327 units (22.53%) were setup during the period 2001-2010 and 326 units (22.46%) during 1981-1990.

CAPITAL STRUCTURE

During the reference period 2017-18, the fixed capital invested in the factories covered under the survey was estimated at ₹6630 crore, Productive Capital ₹ 12172 crore and Invested Capital ₹13274 crore. Fixed Capital and Invested Capital have decreased by 4.92% and 26.09% and Productive Capital has decreased by 23.75% compared to those estimated during the corresponding period of 2016-17. From the investment angle, industries such as Waste collection, treatment and disposal activity (38), Mfg. Of Food Products (10), Mfg. Of wearing apparel (14), Wholesale and retail trade and repair of motor vehicles and motorcycles (45) and Printing and reproduction of recorded media (18) were the important ones. These industries among themselves shared 52.33 % of fixed capital, 48.31 % of invested capital and 26.17 % of working capital deployed in all the industries taken together.

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

TABLE –4: CAPITAL STRUCTURE

S.No.	Sector	Unit (InNos)	Fixed Capital (Value in ₹ Crore)	Invested Capital (Value in ₹ Crore)	Productive Capital (Value in ₹ Crore)	Ratio of Fixed Capital		Invested Capital Per unit (Value in ₹ Crore)	Productive Capital Per unit (Value in ₹ Crore)
						Invested Capital	Productive Capital		
1	Census	1010	5230	10432	8697	0.5	0.6	10.33	8.61
		41.07%	78.90%	78.59%	71.45%				
2	Sample	1449	1400	2842	3475	0.49	0.4	1.96	2.40
		58.93%	21.11%	21.41%	28.55%				
Total		2459	6630	13274	12172	0.5	0.54	5.40	4.95

The study of the table reveals that:

The 1010 Census Sector Factories constituting 41.07 percent of factory sector deployed a major share of the capital resources of factory sector viz. ₹ 10432 crore or 78.59 percent of the total Invested Capital, ₹8697 crore or 71.45 percent of the total ‘Productive Capital’ and ₹5230 crore or 78.90 percent of the total ‘Fixed Capital’.

The invested capital per unit’ worked out to ₹10.33 crore in the Census sector and ₹ 1.96

crore in the Sample sector and ₹ 5.40 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 of the Annexure, Shows That:-

- (i) Among the Industry Groups at 2 digit of NIC-2008, two major contributors in the invested capital were Industry NIC Group 10-Manufacturing of Food Products, NIC Group 20– Manufacturing of chemicals and chemical products with contributions of 2490.65 crore (18.76%) and 1478.24 crore (11.14%) respectively. Similarly, in the fixed capital in the factory sector were NIC Groups-38 Waste collection, treatment and disposal activities; materials recovery, NIC Group-10 manufacturing of Food products, with contributions of 1041.57 crore (15.71 %) and 814.41 crore (12.28).
- (ii) The lowest contribution on the other hand was that of Major Industry NIC Group 96- Other personal service activities, contributing 2.18 crore (0.02%) in the Invested capital and contributing 0.03 % in the fixed capital in the factory sector.
- (iii) The Fixed capital to invested Capital ratio is worked out to 0.50 in the factory sector. The Ratio is the highest in major industry NIC Group 52- Ware housing & support activities for transportation (1.00), and lowest in major industry NIC Group 20- Manufacture of chemicals and chemical products(0.22).

Distribution of Factories by size of Capital:

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

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

S.No.	Capital Size (₹ in Lakhs)	Number of Factories Covered			Cumulative
		Census	Sample	Total	
1	Less than 10.00	270	615	885	885
		26.73%	42.46%	36.00%	
2	10.00-25.00	72	124	196	1081
		7.13%	8.58%	7.98%	
3	25.00-50.00	67	71	138	1219
		6.63%	4.88%	5.60%	
4	50.00-75.00	46	77	123	1342
		4.55%	5.29%	4.99%	
5	75.00-100.00	23	57	80	1422
		2.28%	3.95%	3.26%	
6	100.00-200.00	84	129	213	1635
		8.32%	8.93%	8.68%	
7	200.00-250.00	19	35	54	1689
		1.88%	2.40%	2.19%	
8	250.00-350.00	57	61	118	1807
		5.64%	4.22%	4.80%	
9	350.00-500.00	64	35	99	1906
		6.34%	2.40%	4.02%	
10	500.00-750.00	76	61	137	2043
		7.52%	4.19%	5.56%	
11	750.00-1000.00	39	40	79	2121
		3.86%	2.74%	3.20%	
12	1000.00 & above	193	145	338	2459
		19.11%	9.99%	13.73%	
Total		1010	1449	2459	
		100.00%	100.00%	100.00%	

The units i.e. 1,422 (57.83%) have an investment of less than ₹1.00 crore in the Plant and Machinery while there were only 1037 (42.17%) unit have an investment of over ₹1.00 crore in the Plant & Machinery.

EMPLOYMENT

The number of persons employed in the Factory Sector during 2017-18 worked out to 1,05,146 out of these, 70,414 (66.97%) were workers engaged exclusively in the production and/or repair services and the remaining 34,732 (33.03%) were other employees including supervisory, managerial, clerical and auxiliary staff, working proprietors and unpaid family workers. As against this, the corresponding figures of total employees and workers for the year 2016-17 were 1,11,776 and 75,172 indicating a decrease of 5.93 % and 6.33 % respectively in the year 2017-18.

The total number of ‘man days worked’, by all employees during the year 2017-18 was about 319 lakhs compared to 339 lakhs during 2016-17 showing thereby decrease of 5.90 percent over previous year.

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

TABLE 6: EMPLOYMENT STRUCTURE AND SOME IMPORTANT RATIOS

S. No.	Sector	Unit	Total Employees	Workers	Mandays Worked	Average Employment Unit (in Nos)		Mandays Per Year Per Employee
		(in Nos.)	(in Nos.)	(in Nos.)	(in ₹'000')	Employee	Workers	
1	Census	1010	79848	53173	24299	79	53	304
		41.07%	75.94%	75.51%	76.20%			
2	Sample	1449	25298	17241	7588	17	12	300
		58.93%	24.06%	24.49%	23.80%			
Total		2459	105146	70414	31888	43	29	303

The perusal of table 6 reveals that:-

- Out of the 70,414 workers in the factory sector 53,173 workers (75.51%) were engaged in the Census sector while the remaining 17,241 workers (24.49%) were employed in Sample sector.
- Per unit employment of workers in the Census sector was 53 compared to 12 in the Sample sector and 29 in the factory sector. The corresponding averages in the case of all employees worked out to 79, 17 and 43 for Census, Sample and factory sector respectively.
- The respective share of Census and Sample sector factories in the total mandays worked in the factory sector was 76.20 % and 23.80 % respectively.

- (iv) Mandays worked per employees per year in the Census sector was 304 as compared to 300 in the Sample sector and 303 in the factory sector as a whole.

The table-7 depicts the distribution of factories covered according to the employment size of workers in Census, Sample and factory sectors as revealed by ASI 2017-18.

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

S. No.	Size of Employment (Workers)	Factories Covered			Cumulative
		Census	Sample	Total	
1	0—4	58	70	128	128
		5.74%	4.83%	5.21%	
2	5—9	78	54	132	260
		7.72%	3.72%	5.36%	
3	10—19	103	144	247	507
		10.20%	9.94%	10.05%	
4	20—49	161	479	640	1147
		15.94%	33.08%	26.04%	
5	50-99	233	414	647	1794
		23.07%	28.54%	26.29%	
6	100-199	206	223	429	2223
		20.40%	15.41%	17.46%	
7	200-299	64	46	110	2333
		6.34%	3.15%	4.46%	
8	300-399	37	11	48	2381
		3.66%	0.78%	1.97%	
9	400-499	19	4	23	2404
		1.88%	0.30%	0.95%	
10	500 & above	51	4	55	2459
		5.05%	0.28%	2.24%	
Total		1010	1449	2459	
		100.00%	100.00%	100.00%	

The study of the table –7 shows that:

- (i) The highest number i.e. 647 units forming 26.29 percent of the factory sector were recorded in employment size class of 50-99 workers followed by 640 units in the employment class size of 20-49 workers and 429 units in the employment class size of 100-199 workers.
- (ii) Within the Census sector, 400 out of 1010 units, i.e. 39.60% have less than 50 workers

and 233 units (23.07%) having 50-99 workers and 377 units (37.33%) have more than 100 workers.

(iii) In the Sample sector, 51.56 percent of the units (747 out of 1449) employed less than 50 workers each. As many as 414 units constituting 28.54 percent of total units in the Sample sector employed 50-99 workers each. Further, 288 units constituting 19.88 percent of the Sample sector reported employment 100 or more workers.

EMOLUMENTS

A total sum of ₹ 2910.04 crore was paid as emoluments to all employees during 2017-18 of which ₹1174.73 crore were paid as wages to workers and remaining ₹1735.31 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 ₹2,308 crore (79.33%) and ₹602 crore (20.67%) respectively whereas in the case of wages to workers it was ₹918 crore (78.11%) and ₹257 crore (21.89%) respectively.

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

TABLE 8: EMOLUMENTS, WAGES AND SOME IMPORTANT DERIVATIONS

S.No	Sector	Unit	Workers	All Employees	Total Emoluments	Total Wages	Average	
		(in Nos.)	(in Nos.)	(in Nos.)	(in ₹ Crores)	(in ₹ Crores)	Emolument Per Employee	Wages Per Worker
1	Census	1010	53173	79848	2308	918	289100	172561
		41.07%	75.51%	75.94%	79.33%	78.11%		
2	Sample	1449	17241	25298	602	257	237818	149164
		58.93%	24.49%	24.06%	20.67%	21.89%		
Total		2459	70414	105146	2910	1175	276762	166832

The above table reveals that the employees as well as workers in the Census sector were better paid than those in Sample sector. The Census sector constituted only 41.07 percent of the factory sector, claimed 79.33 percent of the emoluments paid to employees. The average emoluments per employee per man-day for the Census sector worked out to ₹949.99 as against ₹792.85 for the Sample sector and ₹912.59 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 ₹48,757 lakh (16.75%) in the Major Industry Group 10- Manufacturing of food products, followed by ₹47,074 lakh (16.18%) in the Major Industry Group-14- Mfg. of Wearing apparel and ₹33,285 lakh (11.48%) in Major Industry Group 45 Wholesale and Retail Trade and Repair of Motor Vehicles and Motorcycles, these three groups together shared around 44.37% of the total emoluments paid in the factory sector.
- (ii) The average emoluments per employee per annum ₹4,19,940 is the maximum in the Major Industry Group 82- Office admin, office support, while it is the lowest at ₹1,77,734 in the Major Industry Group, 23-Mfg. of other non-metallic. However, the average emoluments per employee per year for the factory sector worked out to ₹2,76,762.
- (iii) The total wages of ₹21771 lakh (18.53%) paid to the workers were the maximum in Major Industry Group 14-Manufacturing of Wearing Apparel and Industry Group-10 followed by ₹18464 lakh (15.72%) in the Major Industry Group-10 Manufacturing of Food Products and ₹13,953 lakh (11.88%) in the Major Industry Group-45 Wholesale and retail trade and repair of motor vehicles and motorcycles. The three groups together accounted for 46.13% 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 ₹ 39,847.73 crore. Out of this, consumption of materials being the principal components accounted for ₹ 24,531.17 (61.56%) crore of the total value of input. The remaining 15,316.56 crore were shared by 'fuels' and 'other inputs', their relevant values being ₹ 990.16 crore (2.48%) and ₹ 14,326.40 crore (35.95%) respectively.

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

TABLE 9: MATERIALS, FUELS & OTHER INPUT

(Value in ₹ Lakh)

S.No.	Sector	Unit (In Nos.)	Total value of Input	Consumption of various Components					
				Material Value	%	Fuel Value	%	Other Input value	%
1	Census	1010	2824341	1550021	54.88	63536	2.25	1210784	42.87
		41.07%	70.88%	63.19%		64.17%		84.51%	
2	Sample	1449	1160432	903095	77.82	35480	3.06	221857	19.12
		58.93%	29.12%	36.81%		35.83%		15.49%	
Total		2459	3984772	2453117	61.56	99016	2.48	1432640	35.95

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

- (i) The Census sector factories, constituting 41.07 percent of the total factories covered shared 70.88 percent of the total inputs, while the Sample sector, forming 58.93 percent of the factories accounted for only 29.12 percent of the total inputs.
- (ii) The percentage share in the total consumption of 'materials', 'fuels' and 'other inputs' in the case of Census sector was 63.19 percent, 64.17 percent and 84.51 percent respectively. The simultaneous percentages in the case of Sample sector were 36.81 percent, 35.83 percent and 15.49 percent in that order.
- (iii) Within the two sectors, the percentage share of the constituents of 'total inputs' varied considerably. In the Census sector 'material consumed', 'fuel consumed' and 'other inputs' accounted for 54.88 percent, 2.25 percent and 42.87 percent respectively compared to 77.82 percent, 3.06 percent and 19.12 percent respectively for the Sample sector as against 61.56 percent, 2.48 percent and 35.95 percent respectively for the factory sector as a whole.

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

- (i) Major Industry Group 10 'Mfg of Food products' shares 44.22 percent of the total inputs in the factory sector followed by Group 27- 'Manufacture of electrical equipment, Group 14 –'Manufacturing of Wearing Apparel', Group-20 'Manufacture of chemicals and chemical products', sharing 6.33%, 6.09%, and 5.60% respectively of total inputs. These four industry groups together accounted for 62.24 percent of the total inputs in the factory sector.

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 12-'Mfg of tobacco products' at 94.05% and the lowest at 0.68% in the Major Industry Group 52-'Warehousing & support activities for transportation'

DEPRECIATION

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

As shown in Table-10 of part II the total estimated value of depreciation for all the fixed assets in the factory sector, as per ASI 2017-18 worked out to ₹72,826 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 10.98 percent in the factory sector.

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

TABLE 10: DEPRECIATION RATES IN SOME IMPORTANT MAJOR INDUSTRY GROUPS

S. No	Ind. Group	Description	No. of factories	Fixed Capital	Depreciation	Percentage share of Depreciation in total	Average Rate of Depreciation
1	10	Mfr. Of Food Products	144	8144131	989204	13.58	12.15
2	11	Manufacture of beverages	3	77858	53237	0.73	68.38
3	12	Manufacture of tobacco products	26	548589	87615	1.20	15.97
4	13	Manufacture of textiles	112	2635641	299000	4.11	11.34
5	14	Manufacture of wearing apparel	245	7305561	584570	8.03	8.00
6	15	Manufacture of leather and related products	161	3552140	447712	6.15	12.60
7	16	Manufacture of wood and products of wood and cork, except furniture;	8	121606	8240	0.11	6.78
8	17	Manufacture of paper and paper products	49	535456	70683	0.97	13.20
9	18	Printing and reproduction of recorded media	197	3553651	536794	7.37	15.11
10	20	Manufacture of chemicals and chemical products	59	3208441	398777	5.48	12.43
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	28	618086	67657	0.93	10.95
12	22	Manufacture of rubber and plastics products	128	1287457	159168	2.19	12.36
13	23	Manufacture of other non-metallic mineral products	12	172918	25046	0.34	14.48
14	24	Manufacture of basic metals	108	1897307	84254	1.16	4.44
15	25	Manufacture of fabricated metal products, except machinery and equipment	264	2532689	221100	3.04	8.73
16	26	Manufacture of computer, electronic and optical products	91	1366070	156294	2.15	11.44
17	27	Manufacture of electrical equipment	197	2788742	385341	5.29	13.82
18	28	Manufacture of machinery and equipment n.e.c.	139	2061867	144116	1.98	6.99
19	29	Manufacture of motor vehicles, trailers and semi-trailers	107	1355536	165311	2.27	12.20
20	30	Mfr. Of Other Transport equipment	21	154618	22730	0.31	14.70
21	31	Manufacture of furniture	22	164371	13252	0.18	8.06
22	32	Other manufacturing	62	1018181	141329	1.94	13.88
23	33	Repair and installation of machinery and equipment	10	549078	60607	0.83	11.04
24	38	Waste collection, treatment and disposal activities; materials recovery	7	10415740	753847	10.35	7.24
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	215	5277987	672481	9.23	12.74
26	52	Warehousing and support activities for transportation	16	124062	15933	0.22	12.84
27	58	Publishing activities	8	322627	20230	0.28	6.27
28	82	Office administrative, office support and other business support activities	3	30965	7912	0.11	25.55
29	95	Repair of computers and personal and household goods	12	179630	61747	0.85	34.37
30	96	Other personal service activities	4	18817	2728	0.04	14.50
31		others	4	4280209	625656	8.59	14.62
		Total	2459	66300032	7282570	100.00	10.98

OUTPUT

Output in an industry includes products, by-products and services generated during the industrial process. The value of total output worked out to ₹46591.98 crore as compared to ₹ 64,811.04 crore in 2016-17 indicating thereby a decrease of 28.11 percent over the previous year. The worth of products and by-products is ₹31250.14 crore whereas ₹15341.84 crore is worth of 'other output' including services rendered to others and sale value of goods sold in the same condition, as purchased.

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

TABLE 11: OUTPUT AND SOME IMPORTANT RELATED RATIOS

(Value in ₹ Lakh)

S. No.	Sector	Unit (In Nos.)	Total value of Input	Output			Output Input Ratio	Output Per		Output/ Invested Capital Ratio
				Product and by product	Other Output	Total Output		Worker Per annum	Employee Mandays (in ₹)	
1	Census	1010	2824341	2047351	1286240	3333591	1.18	62.69	13719	3.20
			41.07%	70.88%	65.51%	83.84%	71.55%			
2	Sample	1449	1160432	1077663	247945	1325607	1.14	76.89	17469	4.66
			58.93%	29.12%	34.49%	16.16%	28.45%			
	Total	2459	3984772	3125014	1534184	4659198	1.17	66.17	14611	3.51

The study of the Table 11 reveals that:

- (i) The Census Sector constituting 71.55% 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 65.51% and 83.84 % respectively. While Sample sector comprised 28.45% of the total output. Its share in products and by-products is 34.49% and in other outputs is 16.16%.
- (ii) The 'output' per unit 'Invested Capital' ratio at 4.66 in the Sample Sector was higher as compared to 3.20 in the Census Sector. Whereas this ratio was 3.51 in the Factory Sector as a whole.
- (iii) The average 'value of output per worker' per annum was lower in the Census sector than in factory and Sample sector. The relevant figures for Census Sector, Sample Sector and Factory Sector are ₹62.69 lakh, ₹76.89 lakh and ₹66.17 lakh respectively.

(iv) 'Production per manday', being the measure of the productivity in an industrial activity, 'Productivity' in the Census Sector at ₹13,719 was lower as compared to ₹17469 in the Sample Sector and ₹14,611 in the Factory Sector.

(v) Output-Input ratio, on the other hand, was 1.18 in Census sector, 1.14 in Sample sector and 1.17 in Factory sector as a whole.

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

(i) The contribution of Major Industry Group 10-'Mfg. of Food products', approx. at ₹18,708.73 crore worth of output accounting for 40.15 percent of the total products was the maximum. Major Industry Groups, 14-'Mfg. of wearing apparel', 7.15 percent, Industry Groups 27-'Mfg. of electrical equipment' with 6.31 percent, Industry Groups, 45-'Wholesale and retail trades & repair of motor vehicles and motorcycles' with 5.50 percent,. Industry Group 20- 'Mfg. of chemicals and chemical products' with 5.33 percent came next in that order. These five Major Industry Groups together contributes around 64.44 percent of the total output in the factory sector.

TABLE 12: GENERAL PATTERN OF COST OF PRODUCTION

S.No.	Cost Constituents	Cost as percentage of value of output (Value in ₹ Lakh)					
		Census Sector		Sample Sector		Factory Sector	
		Value	%	Value	%	Value	%
1	Value of Output	3333591	100	1325607	100	4659198	100
2	Value of Input						
	(a) Material	1550021	46.5	903095	68.13	2453117	52.65
	(b) Fuels	63536	1.91	35480	2.68	99016	2.13
	(c) Other input	1210784	36.32	221857	16.74	1432640	30.75
	Total Input	2824341	84.72	1160432	87.54	3984772	85.52
3	Employee Emolument	230840	6.92	60164	4.54	291004	6.25
4	Factor payment	98167	2.94	26734	2.02	124901	2.68
5	Depreciation	55623	1.67	17203	1.30	72826	1.56
	Total cost	3208971	96.26	1264533	95.39	4473503	96.01

The study of Table 12 reveals that:-

- (i) The 'pattern of the cost of production' in factories in the Census and the Sample sectors differed substantially particularly in respect of share of fuels, emoluments, and factor payments in their respective total cost structure in the two sectors.
- (ii) The 'total value of inputs' (materials, fuels and other inputs) and employee emolument, factor payment taken together constituted 96.26 percent of the 'total value of output' in the Census sector, 95.39 percent in the Sample sector and 96.01 percent in the factory sector as a whole.
- (iii) The contribution of materials and stores components of inputs was 52.65 percent of the total output in the factory Sector. The relevant figures were 46.5 percent for the Census sector and 68.13 percent for the Sample sector.
- (iv) The share of 'fuels' also varied substantially in the three sectors. It was only 1.91 percent of the value of output in the Census sector, 2.68 percent in the Sample sector and 2.13 percent in the factory sector.
- (v) The other important factor of the cost viz. 'emoluments' formed only 6.92 percent of 'total output' in the Census sector, 4.54 percent in the Sample sector and 6.25 percent in the factory sector.
- (vi) The percentage contribution of factor payments was 2.94 percent of 'total value of output' in the Census sector, 2.02 percent in the Sample sector and 2.68 percent in the factory

sector.

VALUE ADDED BY MANUFACTURER

Value added by manufacture is a measure of the relative importance of the industrial sector in State / National economy as well as a measure of the relative importance of a particular industry within the industrial sector itself. It is used to measure the contribution of Industrial Sector in the State / National Domestic Product. The contribution of the Organized Industrial sector (factory sector) in the state domestic product of Delhi during the year 2017-18 worked out to ₹6016.00 crore.

TABLE 13: VALUE ADDED BY MANUFACTURE AND SOME IMPORTANT RATIO

(Value in ₹ Lakh)									
S. No.	Sector	Unit (In Nos.)	Value Added (GVA-Depreciation)	Invested Capital	Value added Invested Capital Ratio	Value added Input Ratio	Value added Output Ratio	Value added per Worker (in ₹)	Value added per Employee (in ₹)
1	Census	1010	453628	1043201	0.43	0.16	0.14	853117	568114
		41.07%	75.40%	78.59%					
2	Sample	1449	147972	284218	0.52	0.13	0.11	858258	584911
		58.93%	24.60%	21.41%					
Total		2459	601600	1327419	0.45	0.15	0.13	854376	572156

The study of the table reveals that:-

- (i) The share of the Census Sector, constituting 41.07 percent of the total factories covered, was ₹4536.28 crore or 75.40 percent in the total value added by manufacture while it worked out to ₹ 1479.72 crore or 24.60 percent in the total for the Sample Sector.
- (ii) ‘Value added – Invested Capital ratio’ or the ‘Value added per unit of Invested Capital’, was 0.43 in the Census Sector, 0.52 in the Sample Sector and 0.45 in the Factory Sector indicating relatively better return on the Invested Capital in the Census Sector.
- (iii) The ‘Value added per worker’ at ₹8,53,117 in the Census Sector is lower as compared to ₹ 8,58,258 in the Sample Sector and ₹8,54,376 in the Factory Sector.
- (iv) The ‘Value added per employee’ in the, Census, Sample and Factory Sectors were ₹5,68,114, ₹5,84,911 and ₹5,72,156 respectively.

NOTE:-

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

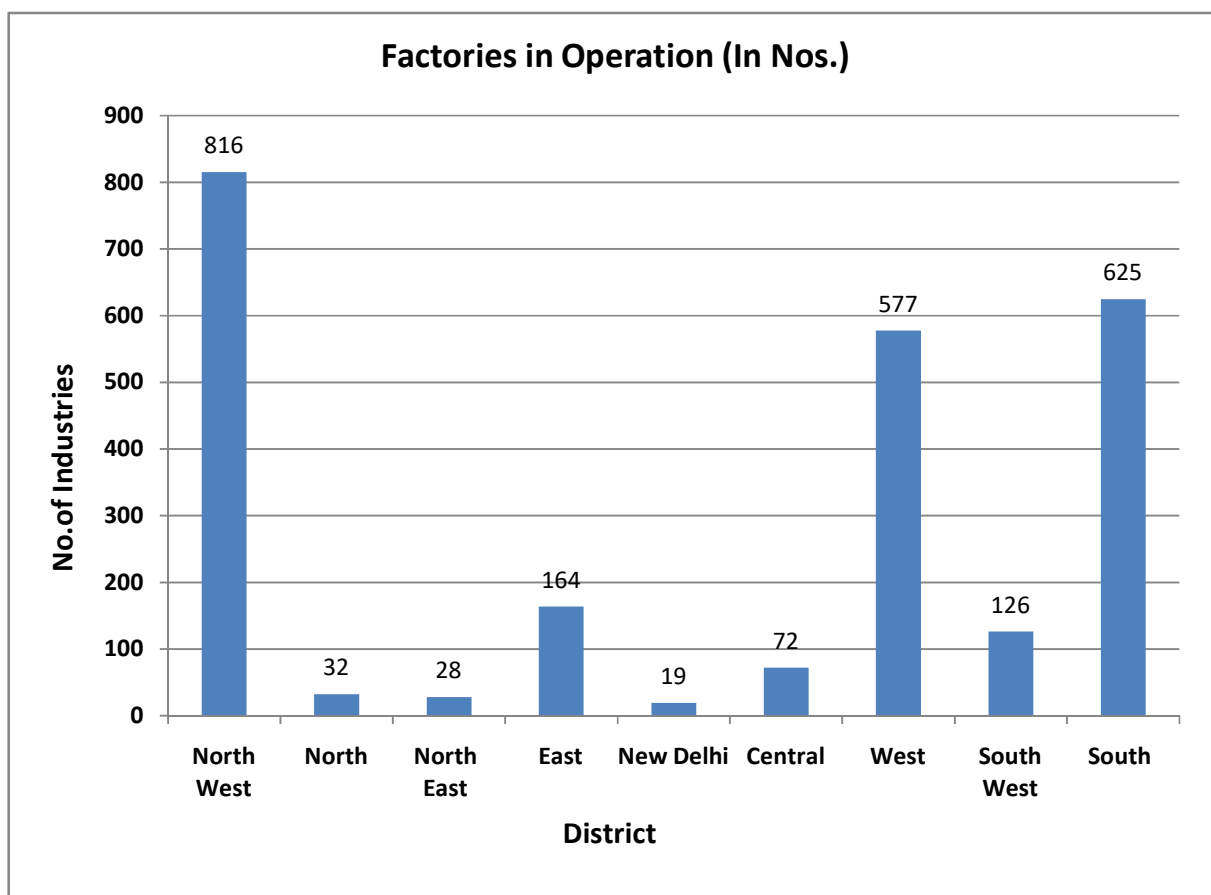
CHAPTER- IV
District Level Estimates

Estimates of principal characteristics for all industries taken together in respect of nine districts of Delhi during the year 2017-18 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	816	32	28	164	19	72	577	126	625	2459
2	Fixed Capital	Rs. In Lakhs	229367	2276	5726	25701	3235	3195	126390	30672	236438	663000
3	Physical Working Capital	Rs. In Lakhs	272706	2979	6892	122719	196	3823	105945	30946	118212	664418
4	Invested Capital	Rs in lakhs	502073	5256	12618	148419	3431	7018	232334	61619	354650	1327419
5	Working Capital	Rs. In Lakhs	193466	2847	6575	18280	849	4824	167140	31381	128913	554274
6	Outstanding loans	Rs. In Lakhs	184741	2936	9200	31490	1947	5639	103557	19499	118652	477659
7	Workers	Number	21558	414	454	2915	386	644	17778	4172	22094	70414
8	All Employees	Number	32178	606	750	4631	551	872	25199	6085	34276	105146
9	Mandays Worked (Employees)	No. in '000'	9994	177	223	1432	168	245	7454	1920	10274	31888
10	Wages to workers	Rs. In Lakhs	35012	681	729	5861	624	1057	28353	9521	35636	117473
11	Total Emoluments	Rs. In Lakhs	83669	1536	2394	16156	1680	2038	66085	19187	98260	291004
12	Fuels Consumed	Rs. In Lakhs	41735	517	867	8968	407	871	17587	7252	20812	99016
13	Material Consumed	Rs. In Lakhs	1328776	6030	33024	262640	1737	9936	390985	69942	350047	2453117
14	Other Input	Rs. In Lakhs	320191	2326	3698	645716	1952	2406	147469	63018	245863	1432640
15	Total Input	Rs. In Lakhs	1690702	8873	37589	917324	4096	13213	556041	140212	616722	3984772
16	Products	Rs. In Lakhs	1574127	8633	39633	303528	2369	13074	527720	112394	543537	3125014
17	Other Outputs	Rs. In Lakhs	340173	2909	3072	654054	3516	3789	175129	78600	272943	1534184
18	Total Outputs	Rs. In Lakhs	1914300	11543	42704	957583	5885	16863	702848	190993	816479	4659198
19	Depreciation	Rs. In Lakhs	26741	257	679	4682	195	406	14623	4499	20744	72826
20	Gross value added	Rs. In Lakhs	223599	2670	5115	40258	1789	3650	146807	50781	199757	674426
21	Net value added	Rs. In Lakhs	196857	2413	4436	35576	1594	3244	132184	46282	179013	601600
22	Rent	Rs. In Lakhs	10670	52	597	4428	77	98	10026	3587	13527	43062
23	Interest	Rs. In Lakhs	37235	358	1025	2886	535	458	15461	3219	20660	81839
24	Factor Payments (Rent Paid + Interest Paid)	Rs. In Lakhs	47905	410	1622	7314	612	556	25487	6807	34187	124901
25	Rent Received + Interest Received	Rs. In Lakhs	4743	287	183	659	593	64	7470	1293	10250	25542
26	Net Income	Rs. In Lakhs	153695	2290	2997	28922	1575	2751	114167	40768	155077	502242

Distribution of Factories in Districts

The results revealed that maximum numbers of factories are set up in North-West, South and West district District sharing 33.18%, 25.42% and 23.46% of the total factories. On the other hand, Districts New Delhi, North East and North are least industrialized, sharing only 3.21% of the total number of factories. Most densely populated districts i.e. East and South West District is having 11.79% of total industries and Central District shares 2.93% of total Factories.



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

Capital Structure

In the three most industrialized districts namely, North-West, South and West share of total fixed capital, total invested capital and total working capital are 89.32%, 82.04% and 88.32% respectively. Invested Capital per unit is the highest in the East District recorded as 905.92 lakh and Productive Capital per unit is the highest recorded as Rs.584.86 lakh in South district.

Districts Name	Factories in operation (in Nos.)	Fixed capital	Invested capital	Working Capital	Productive capital	Invested Capital per unit (in Lakh)	Productive Capital Per Unit (in Lakh)
		(in Lakh)	(in Lakh)	(in Lakh)	(in Lakh)		
North West	816	2,29,367	5,02,073	1,93,466	4,22,833	616	518
North	32	2,276	5,256	2,847	5,123	163	158
North East	28	5,726	12,618	6,575	12,301	447	435
East	164	25,701	1,48,419	18,280	43,980	906	268
New Delhi	19	3,235	3,431	849	4,084	181	215
Central	72	3,195	7,018	4,824	8,019	97	111
West	577	1,26,390	2,32,334	1,67,140	2,93,530	402	508
South West	126	30,672	61,619	31,381	62,053	488	492
South	625	2,36,438	3,54,650	1,28,913	3,65,351	568	585
Total	2459	6,63,000	13,27,419	5,54,274	12,17,274	540	495

On the other hand, among all 3 less industrialized districts, North East district is having invested capital of ₹ 12,618 lakh with only 28 units and having invested capital per unit ₹ 447 lakh, which is highest among these 3 districts and indicates concentration of big industries in this district.

Employment & Emoluments

District South provided gainful employment to 22,094 workers i.e. 31.38% of the total workers which was maximum among all 9 districts. Further, districts South, North-West and West were sharing 32.60%, 30.60% and 23.96% 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 North East showing presence of higher number of managers, supervisors and clerks in the total employee. Table shows employment, emoluments, mandays worked and certain important ratios district wise.

Districts	Factories in Operation	Workers	All Employees	Emolument	Wages paid	Total man days 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 ₹)	(in ₹)	(in Nos.)
North West	816	21558	32178	83669	35012	9994	162410	388113	311
North	32	414	606	1536	681	177	164464	370631	292
North East	28	454	750	2394	729	223	160796	527900	298
East	164	2915	4631	16156	5861	1432	201031	554176	309
New Delhi	19	386	551	1680	624	168	161539	435199	305
Central	72	644	872	2038	1057	245	164241	316744	282
West	577	17778	25199	66085	28353	7454	159482	371720	296
South West	126	4172	6085	19187	9521	1920	228212	459920	316
South	625	22094	34276	98260	35636	10274	161295	444744	300
Total	2459	70414	105146	291004	117473	31888	166832	413276	303

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 55 for district South and the lowest 12 for district Central.
- (ii) Mandays worked per employee per year was the lowest 282 in case of district Central and was the highest 316 for district South West.
- (iii) Average annual wage rate per worker was the highest as ₹ 2,28,212 for district South West and was the lowest with ₹1,59,482 for district West. However, average annual emolument per worker was the highest with ₹ 5,54,176 in case of district East and the lowest with ₹3,16,744 in case of district Central.

Input, Output and Some Related Ratios

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

Districts	Factories In operation	Output	Input	Worker	Total Mandays (Employees)	Invested Capital	Average Output per employees mandays	Output per worker per annum	Output /Input	Output/ Invested Capital
	(in Nos.)	(in Lakhs)	(in Lakhs)	(in Nos.)	(in'000)	(in Lakhs)		(in Lakhs)		
North West	816	1914300	1690702	21558	9994	502073	19155	89	1.13	3.81
North	32	11543	8873	414	177	5256	6535	28	1.3	2.2
North East	28	42704	37589	454	223	12618	19121	94	1.14	3.38
East	164	957583	917324	2915	1432	148419	66858	328	1.04	6.45
New Delhi	19	5885	4096	386	168	3431	3507	15	1.44	1.72
Central	72	16863	13213	644	245	7018	6872	26	1.28	2.4
West	577	702848	556041	17778	7454	232334	9429	40	1.26	3.03
South West	126	190993	140212	4172	1920	61619	9945	46	1.36	3.1
South	625	816479	616722	22094	10274	354650	7947	37	1.32	2.3
Total	2459	4659198	3984772	70414	31888	1327419	14611	66	1.17	3.51

The study of the table reveals that:

- Production per manday i.e. average output per employee mandays was the highest as ₹66,858 Lakhs in the district East and the lowest as ₹3,507 Lakhs in district New Delhi.
- Maximum and minimum average values of Output per worker per annum were approx. ₹328 lakhs and ₹15 lakhs in districts East and New Delhi respectively.
- Output-Invested capital ratio was the highest 6.45 in East district and was the lowest 1.72 in New Delhi district.
- Output-input ratio was the lowest i.e.1.04 in East district and was the highest i.e. 1.44 in New Delhi district.

Net Value Added by Manufacturer

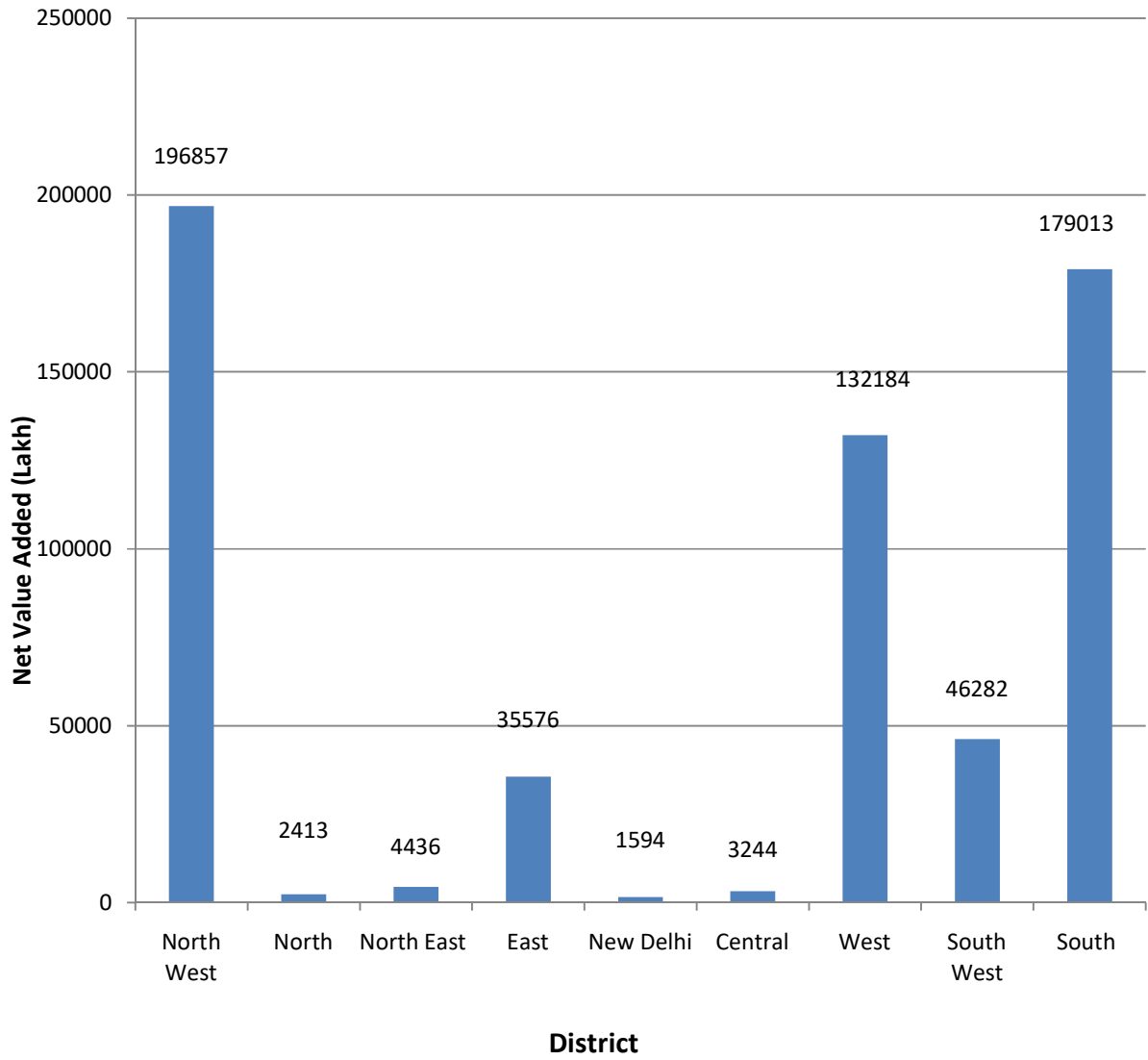
‘Net value added by manufacture’ represents relative contribution of organised manufacturing sector in the economy of the State and its constituent Districts:-

Districts	Factories In operation	Output	Workers	All Employees	Net Value Added	Net Value added per worker	Net Value added per employee	Value added output ratio
	(in Nos.)	(in Lakh)	(in Nos.)	(in Nos.)	(in Lakh)	(in ₹)	(in ₹)	
North West	816	1914300	21558	32178	196857	913160	611772	0.10
North	32	11543	414	606	2413	582356	398387	0.21
North East	28	42704	454	750	4436	978218	591693	0.10
East	164	957583	2915	4631	35576	1220354	768277	0.04
New Delhi	19	5885	386	551	1594	412972	289568	0.27
Central	72	16863	644	872	3244	504081	372133	0.19
West	577	702848	17778	25199	132184	743520	524559	0.19
South West	126	190993	4172	6085	46282	1109365	760620	0.24
South	625	816479	22094	34276	179013	810252	522272	0.22
Total	2459	4659198	70414	105146	601600	854376	572156	0.13

The study of the table reveals that:-

- (i) District North-West contributed a maximum value of Net value added ₹ 1,96,857 lakh, highest among all 9 districts i.e. 32.72% of the total as depicted in the graph. Other major contributors of Net value added were districts South, West, South-West and East sharing 29.76%, 21.97%, 7.69% and 5.91% respectively. Thus, these entire five districts shared 98.06% of the total Net value added of the Delhi.
- (ii) ‘Net Value Added per worker’ at ₹ 12,20,354 was maximum for East District and at ₹ 4,12,972 was minimum in New Delhi District.
- (iii) ‘Net Value Added per employee’ estimated as ₹ 7,68,277 was highest in East District and ₹ 2,89,568 was minimum in New Delhi District.

Net Value Added of Different Districts



ANNUAL SURVEY OF INDUSTRIES

District-wise comparison of major characteristics

S. No.	District Name	Number of Units			Workers (in numbers)			Employees (in numbers)			Total Emoluments (in lakhs)			Total Input (in lakhs)			Total Output (in lakhs)			GVA (in lakhs)		
		2016-17	2017-18	% Change	2016-17	2017-18	% Change	2016-17	2017-18	% Change	2016-17	2017-18	% change	2016-17	2017-18	% change	2016-17	2017-18	% change	2016-17	2017-18	% change
1	North West	865	816	-5.72	20535	21558	4.98	31305	32178	2.79	79101	83669	5.77	3224926	1690702	-47.57	3421157	1914300	-44.05	196230	223599	13.95
2	North	32	32	1.04	370	414	11.98	575	606	5.33	1115	1536	37.73	7560	8873	17.37	9490	11543	21.63	1930	2670	38.32
3	North East	25	28	13.00	319	454	42.16	527	750	42.27	1587	2394	50.85	32849	37589	14.43	37210	42704	14.77	4361	5115	17.30
4	East	167	164	-1.90	3389	2915	-13.98	5613	4631	-17.50	17176	16156	-5.94	746975	917324	22.81	787576	957583	21.59	40600	40258	-0.84
5	New Delhi	19	19	0.00	337	386	14.54	550	551	0.09	1598	1680	5.12	17944	4096	-77.18	20708	5885	-71.58	2764	1789	-35.27
6	Central	82	72	-12.09	666	644	-3.38	936	872	-6.87	1755	2038	16.14	10509	13213	25.73	13957	16863	20.82	3448	3650	5.86
7	West	623	577	-7.31	18846	17778	-5.67	27157	25199	-7.21	67592	66085	-2.23	816276	556041	-31.88	1001892	702848	-29.85	185616	146807	-20.91
8	South West	119	126	6.09	6057	4172	-31.12	7935	6085	-23.32	18960	19187	1.20	165746	140212	-15.41	210133	190993	-9.11	44387	50781	14.40
9	South	708	625	-11.77	24653	22094	-10.38	37179	34276	-7.81	100772	98260	-2.49	788405	616722	-21.78	978982	816479	-16.60	190577	199757	4.82
	Total	2639	2459	-6.80	75172	70414	-6.33	111776	105146	-5.93	289654	291004	0.47	5811192	3984772	-31.43	6481104	4659198	-28.11	669913	674426	0.67

Note: Figures may not match exactly due to rounding off

District-wise comparison of major characteristics, ASI 2016-17 & 2017-18

Total number of factories in operation in Delhi during 2017-18 is 2459 shows a decline in number of factories by 6.82% from ASI 2016-17. Five out of nine districts in Delhi have registered a decline in the number of factories i.e. Central (12.09%), South (11.77%), West (7.31%), North West (5.72%) and East (1.90%). during the ASI year 2017-18 as compared to 2016-17.

Over all, Delhi shows a decline of 6.33% in Number of Worker during 2017-18 as compared to 2016-17. Out of Nine Districts, Five Districts shows decline in Number of Workers .i.e. South West (31.12%), East (13.98%), South (10.38%), West (5.67%) and Central (3.38%). Whereas, highly industrialized District North West shows increase in Number of Workers i.e, 4.98%.

Number of employee has also decreased by 5.93% in ASI 2017-18 as compared to 2016-17. The highest industrialized Districts, North-West, number of employee increased by 2.79% and highest decline in number of employee is in South West Districts (23.32%).

Total Emolument paid is slightly increase (0.47%) in ASI year 2017-18 as compared to 2016-17. The highest total emolument paid in the South Delhi District with Rs. 98,260 lakh and constitutes 33.77% of total emoluments paid.

In respect of Gross Value Added (GVA), District North west excels in the list with its 33.15% share in total GVA. Overall, increase in GVA is 0.67 % in ASI year 2017-18 as compared to 2016-17. Six districts i.e. North (38.32%), North East (17.30%), South West (14.40%), North-West (13.95%), Central Delhi (5.86%) and South (4.82%) had shown positive growth in GVA in comparison to previous year whereas on the other hand one of the highly industrialized district West has shown a decline in GVA by 20.91% from the previous year i.e. 2016-17.

ANNEXURE

Annual Survey of Industry 2017-18
Central+State (Pooled)
Table I: Principal Characteristics at A Glance

S.No.	Characteristics	Unit	Census	Sample	Total
1	Factories In operation	Number	1010	1449	2459
2	Fixed Capital	Rs. In Lakhs	523022	139979	663000
3	Physical Working Capital	Rs. In Lakhs	520179	144239	664418
4	Invested Capital	Rs in lakhs	1043201	284218	1327419
5	Working Capital	Rs. In Lakhs	346738	207536	554274
6	Outstanding loans	Rs. In Lakhs	309391	168269	477659
7	Workers	Number	53173	17241	70414
8	All Employees	Number	79848	25298	105146
9	Mandays Worked (Employees)	No. in '000'	24299	7588	31888
10	Wages to workers	Rs. In Lakhs	91756	25717	117473
11	Total Emoluments	Rs. In Lakhs	230840	60164	291004
12	Fuels Consumed	Rs. In Lakhs	63536	35480	99016
13	Material Consumed	Rs. In Lakhs	1550021	903095	2453117
14	Other Input	Rs. In Lakhs	1210784	221857	1432640
15	Total Input	Rs. In Lakhs	2824341	1160432	3984772
16	Products	Rs. In Lakhs	2047351	1077663	3125014
17	Other Outputs	Rs. In Lakhs	1286240	247945	1534184
18	Total Outputs	Rs. In Lakhs	3333591	1325607	4659198
19	Depreciation	Rs. In Lakhs	55623	17203	72826
20	gross value added	Rs. In Lakhs	509250	165176	674426
21	net value added	Rs. In Lakhs	453628	147972	601600
22	Rent	Rs. In Lakhs	37447	5615	43062
23	Interest	Rs. In Lakhs	60720	21118	81839
24	Factor Payments (Rent Paid + Interest Paid)	Rs. In Lakhs	98167	26734	124901
25	Rent Received + Interest Received	Rs. In Lakhs	19041	6501	25542
26	Net Income	Rs. In Lakhs	374502	127740	502242

Annual Survey of Industries 2017-18

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

Values in ₹ "000"

S.No.	Ind Group	Description	No. of factories	Fixed Capital	Physical working capital	Invested Capital	Working capital
1	10	Mfr. Of Food Products	144	8144131	16762334	24906465	11333444
2	11	Manufacture of beverages	3	77858	17713	95571	-19897
3	12	Manufacture of tobacco products	26	548589	408139	956729	736037
4	13	Manufacture of textiles	112	2635641	1487480	4123121	4528206
5	14	Manufacture of wearing apparel	245	7305561	6829403	14134964	4958171
6	15	Manufacture of leather and related products	161	3552140	3255957	6808097	3882198
7	16	Manufacture of wood and products of wood and cork, except furniture;	8	121606	158681	280287	288572
8	17	Manufacture of paper and paper products	49	535456	436495	971951	417331
9	18	Printing and reproduction of recorded media	197	3553651	1600544	5154196	2412238
10	20	Manufacture of chemicals and chemical products	59	3208441	11573924	14782365	4581816
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	28	618086	724621	1342707	511377
12	22	Manufacture of rubber and plastics products	128	1287457	1147747	2435203	4841322
13	23	Manufacture of other non-metallic mineral products	12	172918	213384	386302	209219
14	24	Manufacture of basic metals	108	1897307	1682210	3579517	1651212
15	25	Manufacture of fabricated metal products, except machinery and equipment	264	2532689	2281487	4814175	2498038
16	26	Manufacture of computer, electronic and optical products	91	1366070	3135230	4501299	3365825
17	27	Manufacture of electrical equipment	197	2788742	4650336	7439078	5103968
18	28	Manufacture of machinery and equipment n.e.c.	139	2061867	1721941	3783808	2333275
19	29	Manufacture of motor vehicles, trailers and semi-trailers	107	1355536	1287062	2642598	1067220
20	30	Mfr. Of Other Transport equipment	21	154618	80643	235261	108160
21	31	Manufacture of furniture	22	164371	113991	278362	208887
22	32	Other manufacturing	62	1018181	1088567	2106748	3713227
23	33	Repair and installation of machinery and equipment	10	549078	1234746	1783824	647552
24	38	Waste collection, treatment and disposal activities; materials recovery	7	10415740	122441	10538181	-3228045
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	215	5277987	4119578	9397566	-971184
26	52	Warehousing and support activities for transportation	16	124062	128	124189	-49319
27	58	Publishing activities	8	322627	31895	354523	85007
28	82	Office administrative, office support and other business support activities	3	30965	53380	84345	-21389
29	95	Repair of computers and personal and household goods	12	179630	130570	310200	400518
30	96	Other personal service activities	4	18817	3004	21821	10706
		Others	4	4280209	88203	4368412	-176316
		Total	2459	66300032	66441834	132741866	55427377

Annual Survey of Industries 2017-18
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Values in ₹ "000"

S.No	Ind Group	Description	Outstanding Loans	Mandays Employee	Workers	Employees	Wages to Workers
1	10	Mfr. Of Food Products	3485896	3976	7826	12846	1846353
2	11	Manufacture of beverages	5130	166	421	554	86033
3	12	Manufacture of tobacco products	537124	172	379	577	49293
4	13	Manufacture of textiles	4204110	1356	3308	4806	450748
5	14	Manufacture of wearing apparel	4524796	5987	14776	19976	2177059
6	15	Manufacture of leather and related products	2772282	1594	4024	5505	612561
7	16	Manufacture of wood and products of wood and cork, except furniture;	173926	97	178	326	28816
8	17	Manufacture of paper and paper products	518794	298	565	1027	80774
9	18	Printing and reproduction of recorded media	2332578	1897	3297	5405	536919
10	20	Manufacture of chemicals and chemical products	2395941	679	1476	2285	218708
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	656459	534	910	1788	143647
12	22	Manufacture of rubber and plastics products	2425016	718	1571	2450	255782
13	23	Manufacture of other non-metallic mineral products	206150	103	262	349	37234
14	24	Manufacture of basic metals	1083464	416	1098	1468	157820
15	25	Manufacture of fabricated metal products, except machinery and equipment	2455084	1738	4415	5971	678853
16	26	Manufacture of computer, electronic and optical products	1294096	1208	2042	4070	312092
17	27	Manufacture of electrical equipment	4285029	1516	3357	4911	483028
18	28	Manufacture of machinery and equipment n.e.c.	1217727	1029	2037	3510	335612
19	29	Manufacture of motor vehicles, trailers and semi-trailers	1289872	1157	2979	3902	419613
20	30	Mfr. Of Other Transport equipment	224690	144	399	489	60852
21	31	Manufacture of furniture	251267	139	302	470	43893
22	32	Other manufacturing	611565	771	1678	2558	279046
23	33	Repair and installation of machinery and equipment	470467	895	2356	2886	544942
24	38	Waste collection, treatment and disposal activities; materials recovery	3600113	651	1845	2179	251817
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	4885674	4063	7596	12898	1395341
26	52	Warehousing and support activities for transportation	75593	59	107	202	16750
27	58	Publishing activities	316800	106	203	349	31169
28	82	Office administrative, office support and other business support activities	63130	21	44	73	6717
29	95	Repair of computers and personal and household goods	2118	273	670	914	139492
30	96	Other personal service activities	18763	25	42	83	6874
		Others	1382292	97	251	320	59484
		Total	47765947	31888	70414	105146	11747321

Annual Survey of Industries 2017-18
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Values in ₹ "000"

S.No	Ind Group	Description	Total Emoluments	Other Inputs	Total Inputs	Products	Other Output
1	10	Mfr. Of Food Products	4875714	81206132	176207602	106550852	80536411
2	11	Manufacture of beverages	143625	297890	541194	1445335	273510
3	12	Manufacture of tobacco products	115025	185461	5721771	6822403	12283
4	13	Manufacture of textiles	1141626	2691186	8049918	9109358	2524622
5	14	Manufacture of wearing apparel	4707448	7564307	24275257	28761919	4573858
6	15	Manufacture of leather and related products	1315245	2790754	16928698	17499668	1714996
7	16	Manufacture of wood and products of wood and cork, except furniture	86406	238501	694091	350630	538960
8	17	Manufacture of paper and paper products	282840	461646	2170440	2117931	516428
9	18	Printing and reproduction of recorded media	1532283	5505165	14023575	10055541	7853833
10	20	Manufacture of chemicals and chemical products	814644	2133348	22313223	22405830	2446107
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	683138	948494	4098890	4608339	593580
12	22	Manufacture of rubber and plastics products	783383	1802616	8981377	8794511	1701632
13	23	Manufacture of other non-metallic mineral products	62029	101017	450596	521999	85595
14	24	Manufacture of basic metals	295847	3417138	16022533	13387106	3743461
15	25	Manufacture of fabricated metal products, except machinery and equipment	1340639	2492867	14089235	14795887	2240803
16	26	Manufacture of computer, electronic and optical products	1540517	4972376	15893110	13816606	6808716
17	27	Manufacture of electrical equipment	1255427	2312427	25213975	27972496	1421193
18	28	Manufacture of machinery and equipment n.e.c.	1008860	974474	6047597	6929964	967396
19	29	Manufacture of motor vehicles, trailers and semi-trailers	797876	701461	5959736	7706918	296987
20	30	Mfr. Of Other Transport equipment	96766	64990	487580	524418	118792
21	31	Manufacture of furniture	106570	295182	907329	810213	257963
22	32	Other manufacturing	897985	1965472	5207380	5755421	1835718
23	33	Repair and installation of machinery and equipment	967275	1676668	1830777	-21586	2311721
24	38	Waste collection, treatment and disposal activities; materials recovery	392714	671438	998358	354066	1986957
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	3328541	16386047	18844909	126994	25491326
26	52	Warehousing and support activities for transportation	47640	48118	119696	0	195022
27	58	Publishing activities	94397	129781	286833	180951	175720
28	82	Office administrative, office support and other business support activities	30656	19452	251069	282383	2869
29	95	Repair of computers and personal and household goods	234726	1106681	1416984	0	1835141
30	96	Other personal service activities	19170	16750	72014	-273	103391
31		Others	101402	86173	371494	835518	253443
		Total	29100415	143264013	398477242	312501399	153418437

Annual Survey of Industries 2017-18
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Values in ₹ "000"

S.No	Ind Group	Description	Total Output	Depreciation	Net Value Added	Rent	Interest
1	10	Mfr. Of Food Products	187087263	989204	9890457	1142342	958946
2	11	Manufacture of beverages	1718845	53237	1124414	12048	690
3	12	Manufacture of tobacco products	6834686	87615	1025300	43456	21147
4	13	Manufacture of textiles	11633981	299000	3285062	86524	363641
5	14	Manufacture of wearing apparel	33335777	584570	8475951	677822	664124
6	15	Manufacture of leather and related products	19214665	447712	1838254	140325	448216
7	16	Manufacture of wood and products of wood and cork, except furniture;	889590	8240	187259	15166	19234
8	17	Manufacture of paper and paper products	2634359	70683	393236	95901	33803
9	18	Printing and reproduction of recorded media	17909374	536794	3349005	222207	322107
10	20	Manufacture of chemicals and chemical products	24851937	398777	2139937	105354	782004
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	5201919	67657	1035372	31182	80356
12	22	Manufacture of rubber and plastics products	10496144	159168	1355599	37434	402929
13	23	Manufacture of other non-metallic mineral products	607594	25046	131953	7183	14463
14	24	Manufacture of basic metals	17130567	84254	1023780	17380	216951
15	25	Manufacture of fabricated metal products, except machinery and equipment	17036690	221100	2726354	84545	252764
16	26	Manufacture of computer, electronic and optical products	20625323	156294	4575919	124906	329975
17	27	Manufacture of electrical equipment	29393689	385341	3794372	124695	534117
18	28	Manufacture of machinery and equipment n.e.c.	7897360	144116	1705647	78947	126892
19	29	Manufacture of motor vehicles, trailers and semi-trailers	8003905	165311	1878858	35898	136580
20	30	Mfr. Of Other Transport equipment	643210	22730	132901	1560	32704
21	31	Manufacture of furniture	1068176	13252	147595	9711	19957
22	32	Other manufacturing	7591139	141329	2242431	91881	81291
23	33	Repair and installation of machinery and equipment	2290135	60607	398751	62914	97679
24	38	Waste collection, treatment and disposal activities; materials recovery	2341023	753847	588818	45359	954616
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	25618320	672481	6100930	940607	836614
26	52	Warehousing and support activities for transportation	195022	15933	59393	16	24907
27	58	Publishing activities	356670	20230	49608	9278	64485
28	82	Office administrative, office support and other business support activities	285252	7912	26271	9166	9127
29	95	Repair of computers and personal and household goods	1835141	61747	356410	47860	69197
30	96	Other personal service activities	103119	2728	28376	3800	3237
31		Others	1088961	625656	91811	750	281127
		Total	465919836	7282570	60160024	4306216	8183879

Annual Survey of Industries 2017-18
Table II: Important characteristics By major Industry Group
(2 Digits of NIC 2008)

Values in ₹ "000"

S.No	Ind Group	Description	Net Income	Factor Payment	Fuel Consumed	Material Consumed
1	10	Mfr. Of Food Products	8334638	2101288	2141226	92860244
2	11	Manufacture of beverages	1111724	12739	54442	188862
3	12	Manufacture of tobacco products	989556	64603	155169	5381141
4	13	Manufacture of textiles	2931648	450165	331986	5026746
5	14	Manufacture of wearing apparel	7719903	1341946	597070	16113879
6	15	Manufacture of leather and related products	1324278	588541	575200	13562744
7	16	Manufacture of wood and products of wood and cork, except furniture;	160495	34400	8790	446799
8	17	Manufacture of paper and paper products	292658	129704	89380	1619415
9	18	Printing and reproduction of recorded media	2956063	544314	470692	8047719
10	20	Manufacture of chemicals and chemical products	1313454	887358	325439	19854437
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	930459	111538	85320	3065076
12	22	Manufacture of rubber and plastics products	944708	440362	594523	6584238
13	23	Manufacture of other non-metallic mineral products	110925	21646	63392	286186
14	24	Manufacture of basic metals	834211	234331	845060	11760335
15	25	Manufacture of fabricated metal products, except machinery and equipment	2443396	337309	657114	10939254
16	26	Manufacture of computer, electronic and optical products	4252557	454881	142515	10778219
17	27	Manufacture of electrical equipment	3234629	658811	453009	22448539
18	28	Manufacture of machinery and equipment n.e.c.	1617758	205839	153236	4919887
19	29	Manufacture of motor vehicles, trailers and semi-trailers	1727350	172478	222832	5035443
20	30	Mfr. Of Other Transport equipment	103107	34264	55457	367134
21	31	Manufacture of furniture	151003	29668	22406	589742
22	32	Other manufacturing	2173964	173172	132316	3109591
23	33	Repair and installation of machinery and equipment	333489	160592	35629	118480
24	38	Waste collection, treatment and disposal activities; materials recovery	-404246	999975	221398	105523
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	4443354	1777221	1322724	1136138
26	52	Warehousing and support activities for transportation	41490	24922	70759	819
27	58	Publishing activities	58978	73763	17620	139432
28	82	Office administrative, office support and other business support activities	7978	18293	19988	211628
29	95	Repair of computers and personal and household goods	252220	117057	15791	294512
30	96	Other personal service activities	22358	7038	6575	48689
31		Others	-189926	281877	14514	270807
		Total	50224177	12490095	9901572	245311657

Annual Survey of Industries 2017-18
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Values in ₹ "000"

S.No	Industry Group	Description	No. of factories	Fixed Capital	Physical Working Capital	Invested Capital	Working Capital
1	101, 103	Processing and preserving of fruit and vegetables	11	902716	488381	1391097	707988
2	104, 105	Manufacture of dairy products	4	693300	10097922	10791222	275354
3	106	Manufacture of grain mill products, starches and starch products	62	2664267	3929333	6593600	2633388
4	107	Manufacture of other food products	67	3883848	2246698	6130546	7716714
5	110	Manufacture of beverages	3	77858	17713	95571	-19897
6	120	Manufacture of tobacco products	26	548589	408139	956729	736037
7	131	Spinning, weaving and finishing of textiles	36	710069	557118	1267186	574262
8	139	Manufacture of other textiles	76	1925572	930362	2855935	3953944
9	141, 142	Manufacture of wearing apparel, except fur apparel	241	7237111	6754484	13991595	4907314
10	143	Manufacture of knitted and crocheted apparel	4	68450	74919	143370	50857
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	13	271968	295077	567045	328979
12	152	Manufacture of footwear	148	3280172	2960881	6241052	3553220
13	161, 162	Manufacture of products of wood, cork, straw and plaiting materials	8	121606	158681	280287	288572
14	170	Manufacture of paper and paper products	49	535456	436495	971951	417331
15	181, 182	Printing and service activities related to printing	197	3553651	1600544	5154196	2412238
16	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	16	589553	408941	998494	556131
17	202	Manufacture of other chemical products	41	2490159	10751194	13241353	3944485
18	203	Manufacture of man-made fibres	3	128728	413790	542518	81200
19	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	28	618086	724621	1342707	511377
20	221	Manufacture of rubber products	22	61334	25059	86394	61043
21	222	Manufacture of plastics products	106	1226123	1122687	2348810	4780278
22	231	Manufacture of glass and glass products	7	63742	45924	109666	9165
23	239	Manufacture of non-metallic mineral products n.e.c.	5	109176	167460	276637	200055
24	241	Manufacture of basic iron and steel	80	1731971	1033766	2765737	833446
25	242	Manufacture of basic precious and other non-ferrous metals	13	100796	593391	694187	655389
26	243	Casting of metals	15	64541	55053	119593	162378
27	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators	32	198439	214891	413330	266051
28	259	Manufacture of other fabricated metal products; metalworking service activities	231	2334250	2066595	4400845	2231987
29	261	Manufacture of electronic components	25	464848	597329	1062177	797449

30	262	Manufacture of computers and peripheral equipment	3	15686	209585	225271	139594
31	263	Manufacture of communication equipment	6	51983	632675	684657	299233
32	264	Manufacture of consumer electronics	41	381859	904933	1286792	1315386
33	265	Manufacture of measuring, testing, navigating and control equipment, watches and clocks	15	447781	784936	1232718	786454
34	267	Manufacture of optical instruments and equipments	3	3913	5772	9685	27710
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	51	510368	856493	1366860	1862108
36	272	Manufacture of batteries and accumulators	3	21970	36934	58904	12228
37	273	Manufacture of wiring and wiring devices	52	630425	1475104	2105529	1282965
38	274	Manufacture of electric lighting equipment	21	140003	185053	325056	196113
39	275	Manufacture of domestic appliances	44	729435	988564	1717999	464431
40	279	Manufacture of other electrical equipment	26	756542	1108188	1864730	1286123
41	281	Manufacture of general purpose machinery	64	1296438	771402	2067840	1578066
42	282	Manufacture of special-purpose machinery	75	765429	950539	1715968	755209
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	8	85589	173175	258764	281128
44	293	Manufacture of parts and accessories for motor vehicles	99	1269947	1113887	2383834	786092
45	302, 304, 309	Mfr of Transport Equipment n.e.c.	21	154618	80643	235261	108160
46	310	Mfr of Furniture	22	164371	113991	278362	208887
47	321	Manufacture of jewellery, bijouterie and related articles	6	101656	269623	371279	673837
48	323	Manufacture of sports goods	3	38273	21182	59455	56464
49	324	Manufacture of games and toys	4	23031	48212	71243	68123
50	325	Manufacture of medical and dental instruments and supplies	21	538087	420495	958582	2500691
51	322, 329	Other manufacturing n.e.c.	28	317134	329054	646188	414112
52	331	Repair of fabricated metal products, machinery and equipment	10	549078	1234746	1783824	647552
53	370, 382	Waste treatment and disposal	7	10415740	122441	10538181	-3228045
54	452	Maintenance and repair of motor vehicles	201	5111114	3867623	8978737	-1174559
55	454	Sale, maintenance and repair of motorcycles and related parts and accessories	14	166874	251955	418829	203375
56	521	Warehousing and storage	16	124062	128	124189	-49319
57	581	Publishing of books, periodicals and other publishing activities	8	322627	31895	354523	85007
58	829	Business support service activities n.e.c.	3	30965	53380	84345	-21389
59	951	Repair of computers and communication equipment	7	171272	114413	285685	392391
60	952	Repair of personal and household goods	5	8358	16157	24515	8127
61	960	other personal service activities	4	18817	3004	21821	10706
62		Others	4	4280209	88203	4368412	-176316
		Total	2459	66300032	66441834	132741866	55427377

Annual Survey of Industries 2017-18
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Values in ₹ "000"

S. No	Industry Group	Description	Outstanding Loans	Mandays Employee	Employees	Workers	Wages to Workers
1	101, 103	Processing and preserving of fruit and vegetables	154357	447	1477	1085	294845
2	104, 105	Manufacture of dairy products	47358	212	602	306	158253
3	106	Manufacture of grain mill products, starches and starch products	2521576	789	2629	1571	269425
4	107	Manufacture of other food products	762605	2528	8138	4864	1123829
5	110	Manufacture of beverages	5130	166	554	421	86033
6	120	Manufacture of tobacco products	537124	172	577	379	49293
7	131	Spinning, weaving and finishing of textiles	677585	482	1907	1431	182494
8	139	Manufacture of other textiles	3526525	875	2899	1877	268254
9	141, 142	Manufacture of wearing apparel, except fur apparel	4466357	5949	19846	14694	2165738
10	143	Manufacture of knitted and crocheted apparel	58438	38	130	82	11320
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	117502	114	415	313	45709
12	152	Manufacture of footwear	2654780	1481	5090	3711	566852
13	161, 162	Manufacture of products of wood, cork, straw and plaiting materials	173926	97	326	178	28816
14	170	Manufacture of paper and paper products	518794	298	1027	565	80774
15	181, 182	Printing and service activities related to printing	2332578	1897	5405	3297	536919
16	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	463650	129	434	273	38350
17	202	Manufacture of other chemical products	1474315	509	1714	1115	167891
18	203	Manufacture of man-made fibres	457976	41	137	89	12467
19	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	656459	534	1788	910	143647
20	221	Manufacture of rubber products	63987	74	263	155	21279
21	222	Manufacture of plastics products	2361030	644	2187	1416	234503
22	231	Manufacture of glass and glass products	2488	31	107	63	7066
23	239	Manufacture of non-metallic mineral products n.e.c.	203662	72	242	199	30167
24	241	Manufacture of basic iron and steel	749584	242	882	653	86116
25	242	Manufacture of basic precious and other non-ferrous metals	282163	93	306	213	37036
26	243	Casting of metals	51718	81	280	232	34667
27	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators	172526	184	638	468	80240
28	259	Manufacture of other fabricated metal products; metalworking service activities	2282559	1554	5333	3947	598613
29	261	Manufacture of electronic components	323048	354	1175	782	123929

30	262	Manufacture of computers and peripheral equipment	13784	12	41	21	4435
31	263	Manufacture of communication equipment	13213	271	880	425	50733
32	264	Manufacture of consumer electronics	166598	237	803	482	76320
33	265	Manufacture of measuring, testing, navigating and control equipment, watches and clocks	763539	330	1155	322	55315
34	267	Manufacture of optical instruments and equipments	13914	4	16	10	1361
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	207953	418	1429	996	147634
36	272	Manufacture of batteries and accumulators	15987	12	39	29	3404
37	273	Manufacture of wiring and wiring devices	2244181	459	1277	902	128044
38	274	Manufacture of electric lighting equipment	200185	139	479	283	45276
39	275	Manufacture of domestic appliances	768723	249	893	630	79324
40	279	Manufacture of other electrical equipment	848001	238	794	518	79346
41	281	Manufacture of general purpose machinery	634758	515	1748	912	148489
42	282	Manufacture of special-purpose machinery	582969	514	1762	1124	187123
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	19332	56	186	119	17565
44	293	Manufacture of parts and accessories for motor vehicles	1270540	1101	3716	2860	402048
45	302, 304, 309	Mfr of Transport Equipment n.e.c.	224690	144	489	399	60852
46	310	Mfr of Furniture	251267	139	470	302	43893
47	321	Manufacture of jewellery, bijouterie and related articles	2091	109	367	259	43126
48	323	Manufacture of sports goods	27547	19	65	43	6730
49	324	Manufacture of games and toys	61077	25	82	44	6599
50	325	Manufacture of medical and dental instruments and supplies	277414	395	1305	814	133891
51	322, 329	Other manufacturing n.e.c.	243436	223	740	518	88700
52	331	Repair of fabricated metal products, machinery and equipment	470467	895	2886	2356	544942
53	370, 382	Waste treatment and disposal	3600113	651	2179	1845	251817
54	452	Maintenance and repair of motor vehicles	3836705	3939	12491	7322	1357265
55	454	Sale, maintenance and repair of motorcycles and related parts and accessories	1048970	124	408	274	38076
56	521	Warehousing and storage	75593	59	202	107	16750
57	581	Publishing of books, periodicals and other publishing activities	316800	106	349	203	31169
58	829	Business support service activities n.e.c.	63130	21	73	44	6717
59	951	Repair of computers and communication equipment	2118	225	755	543	103767
60	952	Repair of personal and household goods	0	48	159	127	35725
61	960	other personal service activities	18763	25	83	42	6874
62		Others	1382292	97	320	251	59484
		Total	47765947	31888	105146	70414	11747321

Annual Survey of Industries 2017-18
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Values in ₹ "000"

S.No	Industry Group	Description	Total Emoluments	Other Inputs	Total Inputs	Products	Other Output
1	101, 103	Processing and preserving of fruit and vegetables	713955	2874262	4231935	1231455	3235438
2	104, 105	Manufacture of dairy products	441311	63035294	72570992	10245099	63290861
3	106	Manufacture of grain mill products, starches and starch products	730334	9737525	77269111	71267539	9876332
4	107	Manufacture of other food products	2990115	5559051	22135564	23806758	4133780
5	110	Manufacture of beverages	143625	297890	541194	1445335	273510
6	120	Manufacture of tobacco products	115025	185461	5721771	6822403	12283
7	131	Spinning, weaving and finishing of textiles	463106	970420	2817313	2814699	682357
8	139	Manufacture of other textiles	678520	1720766	5232605	6294660	1842265
9	141, 142	Manufacture of wearing apparel, except fur apparel	4684852	7547852	24021667	28467425	4571592
10	143	Manufacture of knitted and crocheted apparel	22596	16455	253589	294494	2266
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	104892	325579	1135411	1250344	174479
12	152	Manufacture of footwear	1210353	2465176	15793287	16249325	1540517
13	161, 162	Manufacture of products of wood, cork, straw and plaiting materials	86406	238501	694091	350630	538960
14	170	Manufacture of paper and paper products	282840	461646	2170440	2117931	516428
15	181, 182	Printing and service activities related to printing	1532283	5505165	14023575	10055541	7853833
16	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	134081	155366	3573479	3929062	47813
17	202	Manufacture of other chemical products	643360	1588088	17453698	17442793	1950318
18	203	Manufacture of man-made fibres	37203	389893	1286046	1033975	447976
19	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	683138	948494	4098890	4608339	593580
20	221	Manufacture of rubber products	43998	32846	283150	324065	35746
21	222	Manufacture of plastics products	739385	1769770	8698227	8470446	1665887
22	231	Manufacture of glass and glass products	19115	26874	311495	349856	106
23	239	Manufacture of non-metallic mineral products n.e.c.	42914	74143	139100	172143	85489
24	241	Manufacture of basic iron and steel	137866	3271079	7123914	4062057	3555910
25	242	Manufacture of basic precious and other non-ferrous metals	111538	133768	8426480	8804501	92891
26	243	Casting of metals	46443	12291	472139	520548	94660
27	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators	142058	92726	1075248	1342753	56987
28	259	Manufacture of other fabricated metal products; metalworking service activities	1198581	2400141	13013987	13453134	2183816
29	261	Manufacture of electronic components	333374	1220333	4284768	3710025	1374828

30	262	Manufacture of computers and peripheral equipment	11530	256580	556895	410711	257257
31	263	Manufacture of communication equipment	313231	997758	3938213	3463069	907489
32	264	Manufacture of consumer electronics	235720	1119918	4431782	4637015	2160790
33	265	Manufacture of measuring, testing, navigating and control equipment, watches and clocks	644437	1374261	2644822	1554379	2107583
34	267	Manufacture of optical instruments and equipments	2226	3526	36629	41408	769
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	359911	890893	3721566	3731433	851904
36	272	Manufacture of batteries and accumulators	8068	5046	154866	171170	516
37	273	Manufacture of wiring and wiring devices	297724	548752	12420631	13771215	223115
38	274	Manufacture of electric lighting equipment	115494	72546	835371	1035972	12342
39	275	Manufacture of domestic appliances	225784	440069	2688837	3224632	166420
40	279	Manufacture of other electrical equipment	248445	355121	5392704	6038074	166896
41	281	Manufacture of general purpose machinery	510160	417042	2670024	3086294	526482
42	282	Manufacture of special-purpose machinery	498700	557432	3377574	3843670	440914
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	40693	30970	489282	584165	3632
44	293	Manufacture of parts and accessories for motor vehicles	757183	670491	5470454	7122754	293355
45	302, 304, 309	Mfr of Transport Equipment n.e.c.	96766	64990	487580	524418	118792
46	310	Mfr of Furniture	106570	295182	907329	810213	257963
47	321	Manufacture of jewellery, bijouterie and related articles	109983	61662	959257	998963	199687
48	323	Manufacture of sports goods	10317	44769	88324	63179	45975
49	324	Manufacture of games and toys	19293	28591	147718	175890	12018
50	325	Manufacture of medical and dental instruments and supplies	535940	1655405	2576636	2983721	1503793
51	322, 329	Other manufacturing n.e.c.	222452	175045	1435445	1533668	74245
52	331	Repair of fabricated metal products, machinery and equipment	967275	1676668	1830777	-21586	2311721
53	370, 383	Waste treatment and disposal	392714	671438	998358	354066	1986957
54	452	Maintenance and repair of motor vehicles	3258924	16154620	18492883	126994	24933602
55	454	Sale, maintenance and repair of motorcycles and related parts and accessories	69618	231427	352026	0	557724
56	521	Warehousing and storage	47640	48118	119696	0	195022
57	581	Publishing of books, periodicals and other publishing activities	94397	129781	286833	180951	175720
58	829	Business support service activities n.e.c.	30656	19452	251069	282383	2869
59	951	Repair of computers and communication equipment	183977	903209	1171152	0	1493176
60	952	Repair of personal and household goods	50749	203471	245832	0	341965
61	960	other personal service activities	19170	16750	72014	-273	103391
62		Others	101402	86173	371494	835518	253443
		Total	37020498	143264013	398477242	312501399	153418437

Annual Survey of Industries 2017-18
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Values in ₹ "000"

S.No	Industry Group	Description	Total Output	Depreciation	Value Added	Rent	Interest
1	101, 103	Processing and preserving of fruit and vegetables	4466893	145601	89358	115351	8728
2	104, 105	Manufacture of dairy products	73535960	103429	861539	206508	10456
3	106	Manufacture of grain mill products, starches and starch products	81143872	261399	3613362	104990	811549
4	107	Manufacture of other food products	27940538	478776	5326198	715493	128213
5	110	Manufacture of beverages	1718845	53237	1124414	12048	690
6	120	Manufacture of tobacco products	6834686	87615	1025300	43456	21147
7	131	Spinning, weaving and finishing of textiles	3497056	93491	586252	41014	61661
8	139	Manufacture of other textiles	8136925	205509	2698810	45510	301980
9	141, 142	Manufacture of wearing apparel, except fur apparel	33039017	579488	8437862	674949	652332
10	143	Manufacture of knitted and crocheted apparel	296759	5082	38088	2874	11793
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1424823	7940	281472	8851	12938
12	152	Manufacture of footwear	17789842	439773	1556782	131474	435278
13	161, 162	Manufacture of products of wood, cork, straw and plaiting materials	889590	8240	187259	15166	19234
14	170	Manufacture of paper and paper products	2634359	70683	393236	95901	33803
15	181, 182	Printing and service activities related to printing	17909374	536794	3349005	222207	322107
16	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	3976875	60647	342748	25542	92718
17	202	Manufacture of other chemical products	19393112	309106	1630307	79092	645819
18	203	Manufacture of man-made fibres	1481951	29023	166882	720	43467
19	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	5201919	67657	1035372	31182	80356
20	221	Manufacture of rubber products	359811	8024	68637	11404	12321
21	222	Manufacture of plastics products	10136333	151144	1286962	26030	390607
22	231	Manufacture of glass and glass products	349962	5934	32532	4230	5806
23	239	Manufacture of non-metallic mineral products n.e.c.	257633	19112	99420	2953	8657
24	241	Manufacture of basic iron and steel	7617967	52236	441818	6750	152613
25	242	Manufacture of basic precious and other non-ferrous metals	8897391	21890	449021	4794	60056
26	243	Casting of metals	615208	10128	132941	5836	4282
27	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators	1399740	27988	296503	13751	14098
28	259	Manufacture of other fabricated metal products; metalworking service activities	15636950	193112	2429851	70794	238666
29	261	Manufacture of electronic components	5084853	52938	747147	44651	115789
30	262	Manufacture of computers and peripheral equipment	667968	1753	109320	4994	846

31	263	Manufacture of communication equipment	4370558	17388	414957	29174	71147
32	264	Manufacture of consumer electronics	6797805	38323	2327700	15009	24129
33	265	Manufacture of measuring, testing, navigating and control equipment, watches and clocks	3661961	45453	971686	31078	116735
34	267	Manufacture of optical instruments and equipments	42177	438	5109	0	1328
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	4583338	70867	790905	29668	37916
36	272	Manufacture of batteries and accumulators	171686	4539	12281	788	1870
37	273	Manufacture of wiring and wiring devices	13994330	85591	1488109	26099	248831
38	274	Manufacture of electric lighting equipment	1048314	13390	199552	7449	25769
39	275	Manufacture of domestic appliances	3391052	81428	620787	31638	73829
40	279	Manufacture of other electrical equipment	6204970	129527	682739	29052	145901
41	281	Manufacture of general purpose machinery	3612776	64914	877839	27556	81817
42	282	Manufacture of special-purpose machinery	4284584	79202	827808	51392	45074
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	587796	8983	89532	2160	3253
44	293	Manufacture of parts and accessories for motor vehicles	7416109	156329	1789326	33738	133327
45	302, 304, 309	Mfr of Transport Equipment n.e.c.	643210	22730	132901	1560	32704
46	310	Mfr of Furniture	1068176	13252	147595	9711	19957
47	321	Manufacture of jewellery, bijouterie and related articles	1198650	14751	224642	6946	3687
48	323	Manufacture of sports goods	109154	2257	18573	754	1676
49	324	Manufacture of games and toys	187909	5449	34741	8835	5072
50	325	Manufacture of medical and dental instruments and supplies	4487514	82051	1828827	68501	45208
51	322, 329	Other manufacturing n.e.c.	1607912	36819	135648	6845	25648
52	331	Repair of fabricated metal products, machinery and equipment	2290135	60607	398751	62914	97679
53	370, 382	Waste treatment and disposal	2341023	753847	588818	45359	954616
54	452	Maintenance and repair of motor vehicles	25060597	664073	5903640	911838	793290
55	454	Sale, maintenance and repair of motorcycles and related parts and accessories	557724	8407	197290	28769	43323
56	521	Warehousing and storage	195022	15933	59393	16	24907
57	581	Publishing of books, periodicals and other publishing activities	356670	20230	49608	9278	64485
58	829	Business support service activities n.e.c.	285252	7912	26271	9166	9127
59	951	Repair of computers and communication equipment	1493176	59341	262683	41343	69197
60	952	Repair of personal and household goods	341965	2405	93728	6517	0
61	960	other personal service activities	103119	2728	28376	3800	3237
62		Others	1088961	625656	91811	750	281127
		Total	465919836	7282570	60160024	4306216	8183879

Annual Survey of Industries 2017-18
Table III: Important characteristics By major Industry Group
(3 Digits of NIC 2008)

Values in ₹ "000"							
S.No	Industry Group	Description	Net Income	Factor Payment	Fuel Consumed	Materials Consumed	GVA
1	101, 103	Processing and preserving of fruit and vegetables	-24281	124079	242763	1114910	234958
2	104, 105	Manufacture of dairy products	652941	216964	156066	9379632	964968
3	106	Manufacture of grain mill products, starches and starch products	2798207	916539	936453	66595133	3874760
4	107	Manufacture of other food products	4907771	843705	805944	15770569	5804973
5	110	Manufacture of beverages	1111724	12739	54442	188862	1177651
6	120	Manufacture of tobacco products	989556	64603	155169	5381141	1112915
7	131	Spinning, weaving and finishing of textiles	518153	102675	149539	1697354	679743
8	139	Manufacture of other textiles	2413495	347490	182448	3329391	2904319
9	141, 142	Manufacture of wearing apparel, except fur apparel	7696465	1327280	589449	15884367	9017350
10	143	Manufacture of knitted and crocheted apparel	23437	14666	7622	229512	43170
11	151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	280874	21789	9441	800391	289412
12	152	Manufacture of footwear	1043404	566752	565759	12762352	1996555
13	161, 162	Manufacture of products of wood, cork, straw and plaiting materials	160495	34400	8790	446799	195499
14	170	Manufacture of paper and paper products	292658	129704	89380	1619415	463919
15	181, 182	Printing and service activities related to printing	2956063	544314	470692	8047719	3885799
16	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	236275	118260	107598	3310515	403396
17	202	Manufacture of other chemical products	952739	724911	150801	15714810	1939413
18	203	Manufacture of man-made fibres	124440	44187	67041	829112	195905
19	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	930459	111538	85320	3065076	1103029
20	221	Manufacture of rubber products	46804	23725	34392	215911	76661
21	222	Manufacture of plastics products	897903	416637	560131	6368327	1438106
22	231	Manufacture of glass and glass products	23064	10036	34934	249687	38466
23	239	Manufacture of non-metallic mineral products n.e.c.	87861	11610	28458	36499	118532
24	241	Manufacture of basic iron and steel	316174	159363	582611	3270223	494054
25	242	Manufacture of basic precious and other non-ferrous metals	392651	64850	206290	8086422	470911
26	243	Casting of metals	125385	10119	56159	403690	143069
27	251, 252	Manufacture of structural metal products, tanks, reservoirs and steam generators	276037	27849	31706	950817	324491
28	259	Manufacture of other fabricated metal products; metalworking serviceactivities	2167359	309459	625409	9988437	2622963
29	261	Manufacture of electronic components	612739	160440	75812	2988624	800085

30	262	Manufacture of computers and peripheral equipment	105252	5840	1113	299202	111073
31	263	Manufacture of communication equipment	343227	100321	7245	2933209	432345
32	264	Manufacture of consumer electronics	2355636	39139	32914	3278951	2366023
33	265	Manufacture of measuring, testing, navigating and control equipment, watches and clocks	831886	147814	24177	1246384	1017139
34	267	Manufacture of optical instruments and equipments	3817	1328	1254	31849	5548
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	747184	67584	74361	2756312	861772
36	272	Manufacture of batteries and accumulators	9626	2658	12170	137650	16819
37	273	Manufacture of wiring and wiring devices	1249303	274930	197012	11674866	1573700
38	274	Manufacture of electric lighting equipment	168300	33219	19060	743764	212942
39	275	Manufacture of domestic appliances	523608	105468	67366	2181402	702215
40	279	Manufacture of other electrical equipment	536608	174953	83040	4954543	812265
41	281	Manufacture of general purpose machinery	855969	109373	67062	2185920	942753
42	282	Manufacture of special-purpose machinery	761790	96466	86174	2733968	907010
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	93789	5413	19819	438493	98514
44	293	Manufacture of parts and accessories for motor vehicles	1633561	167065	203013	4596950	1945655
45	302, 304, 309	Mfr of Transport Equipment n.e.c.	103107	34264	55457	367134	155630
46	310	Mfr of Furniture	151003	29668	22406	589742	160847
47	321	Manufacture of jewellery, bijouterie and related articles	242754	10632	12903	884691	239393
48	323	Manufacture of sports goods	16144	2429	3277	40278	20830
49	324	Manufacture of games and toys	21124	13907	3803	115324	40190
50	325	Manufacture of medical and dental instruments and supplies	1786243	113710	57147	864085	1910878
51	322, 329	Other manufacturing n.e.c.	107700	32494	55186	1205213	172468
52	331	Repair of fabricated metal products, machinery and equipment	333489	160592	35629	118480	459358
53	370, 382	Waste treatment and disposal	-404246	999975	221398	105523	1342665
54	452	Maintenance and repair of motor vehicles	4314843	1705129	1301402	1036861	6567714
55	454	Sale, maintenance and repair of motorcycles and related parts and accessories	128511	72092	21322	99277	205697
56	521	Warehousing and storage	41490	24922	70759	819	75325
57	581	Publishing of books, periodicals and other publishing activities	58978	73763	17620	139432	69837
58	829	Business support service activities n.e.c.	7978	18293	19988	211628	34183
59	951	Repair of computers and communication equipment	165010	110540	10298	257644	322024
60	952	Repair of personal and household goods	87211	6517	5493	36868	96133
61	960	other personal service activities	22358	7038	6575	48689	31104
62		Others	-189926	281877	14514	270807	717467
		Total	50224177	12490095	9901572	245311657	67442594

Annual survey of industry 2017-18
Table IV: Important Characteristics By Employment Range
(3 Digits of NIC 2008)

Values in ₹"000"

S.No	Emp range	Factories covered	Fixed capital	Productive capital	Mandays employees	Emoluments	Input	Output	Depreciation	Net Value added
1	0--4	128	8848	12229	40	287	3722	8540	2570	2248
2	5--9	132	5781	9449	190	1190	14957	17269	635	1677
3	10--19	247	9532	28619	613	4331	64002	72727	1121	7603
4	20--49	640	68701	144744	2643	21605	353759	409832	10966	45107
5	50-99	647	118160	226886	6048	53923	881685	1023632	12563	129384
6	100-199	429	124079	343503	7729	69455	766255	919679	13256	140168
7	200-299	110	79876	119559	3526	31708	612543	707982	7545	87894
8	300-399	48	56100	118042	2152	23915	205638	247482	5439	36405
9	400-499	23	79193	47146	1604	15340	771958	806991	5637	29396
10	500	55	112729	167097	7343	69248	310253	445065	13093	121719
Total		2459	663000	1217274	31888	291004	3984772	4659198	72826	601600

Annual survey of industry 2017-18
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 ₹'000')	Total Emoluments (in ₹'000')	Workers Per Unit	Employee Per Unit	Emolument Per Employee (in ₹)
1	10	Mfr. Of Food Products	144	12846	3976	7826	18464	4875714	54	89	379551
2	11	Manufacture of beverages	3	554	166	421	860	143625	140	185	259251
3	12	Manufacture of tobacco products	26	577	172	379	493	115025	15	22	199351
4	13	Manufacture of textiles	112	4806	1356	3308	4507	1141626	30	43	237560
5	14	Manufacture of wearing apparel	245	19976	5987	14776	21771	4707448	60	82	235660
6	15	Manufacture of leather and related products	161	5505	1594	4024	6126	1315245	25	34	238931
7	16	Manufacture of wood and products of wood and cork, except furniture;	8	326	97	178	288	86406	22	41	265050
8	17	Manufacture of paper and paper products	49	1027	298	565	808	282840	12	21	275538
9	18	Printing and reproduction of recorded media	197	5405	1897	3297	5369	1532283	17	27	283491
10	20	Manufacture of chemicals and chemical products	59	2285	679	1476	2187	814644	25	39	356596
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	28	1788	534	910	1436	683138	32	63	382033
12	22	Manufacture of rubber and plastics products	128	2450	718	1571	2558	783383	12	19	319701
13	23	Manufacture of other non-metallic mineral products	12	349	103	262	372	62029	22	29	177734
14	24	Manufacture of basic metal	108	1468	416	1098	1578	295847	10	14	201477

15	25	Manufacture of fabricated metal products, except machinery and equipment	264	5971	1738	4415	6789	1340639	17	23	224509
16	26	Manufacture of computer, electronic and optical products	91	4070	1208	2042	3121	1540517	22	45	378552
17	27	Manufacture of electrical equipment	197	4911	1516	3357	4830	1255427	17	25	255652
18	28	Manufacture of machinery and equipment n.e.c.	139	3510	1029	2037	3356	1008860	15	25	287419
19	29	Manufacture of motor vehicles, trailers and semi-trailers	107	3902	1157	2979	4196	797876	28	37	204464
20	30	Mfr. Of Other Transport equipment	21	489	144	399	609	96766	19	24	197886
21	31	Manufacture of furniture	22	470	139	302	439	106570	14	21	226825
22	32	Other manufacturing	62	2558	771	1678	2790	897985	27	42	351004
23	33	Repair and installation of machinery and equipment	10	2886	895	2356	5449	967275	236	289	335161
24	38	Waste collection, treatment and disposal activities; materials recovery	7	2179	651	1845	2518	392714	264	311	180227
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	215	12898	4063	7596	13953	3328541	35	60	0
26	52	Warehousing and support activities for transportation	16	202	59	107	168	47640	7	13	235840
27	58	Publishing activities	8	349	106	203	312	94397	25	44	270478
28	82	Office administrative, office support and other business support activities	3	73	21	44	67	30656	15	24	419940
29	95	Repair of computers and personal and household goods	12	914	273	670	1395	234726	56	76	256812
30	96	Other personal service activities	4	83	25	42	69	19170	11	21	230960
31		Others	4	320	97	251	595	101402	63	80	316880
		Total	2459	105146	31888	70414	117473	29100415	29	43	276761

Annual survey of industry 2017-18

Table VI: Principal characteristics by year of Initial Production

Values in ₹ Lakh

S.No	Year	Factories Covered (in Nos.)	Fixed capital	Productive Capital	Employees (in Nos.)	Emoluments	Total Input	Total Output	Depreciation	Value Added
1	Upto 1950	27	8540	13240	1489	8807	56567	85409	809	28033
2	1951-1960	54	3543	13777	1293	2895	33931	38776	587	4257
3	1961-1970	127	13792	134556	2568	10348	99012	122195	1354	21829
4	1971-1980	322	65406	124952	10260	31546	979440	1041507	5631	56436
5	1981-1990	479	122478	257522	21531	62588	625617	740689	12586	102487
6	1991-2000	525	114434	252189	23316	62675	796512	965920	13844	155563
7	2001-2010	607	140971	221460	26193	66454	891260	1066811	17032	158520
8	2011& Onwards	319	193836	199579	18496	45690	502433	597891	20982	74476
		Total	2459	663000	1217274	105146	291004	3984772	4659198	72826

Annual Survey of Industries 2017-18
TableVII: Important Structural By major Industry Group
(2 Digits of NIC 2008)

S.No	Industry Group	Description	No. of factories	Invested capital to fixed	Input output ratio	Value added output	Fixed capital output	Invested capital output
1	10	Mfr. Of Food Products	144	3.06	0.94	0.05	0.04	0.13
2	11	Manufacture of beverages	3	1.23	0.31	0.65	0.05	0.06
3	12	Manufacture of tobacco products	26	1.74	0.84	0.15	0.08	0.14
4	13	Manufacture of textiles	112	1.56	0.69	0.28	0.23	0.35
5	14	Manufacture of wearing apparel	245	1.93	0.73	0.25	0.22	0.42
6	15	Manufacture of leather and related products	161	1.92	0.88	0.10	0.22	0.35
7	16	Manufacture of wood and products of wood and cork, except furniture;	8	2.30	0.78	0.21	0.14	0.32
8	17	Manufacture of paper and paper products	49	1.82	0.82	0.15	0.20	0.37
9	18	Printing and reproduction of recorded media	197	1.45	0.78	0.19	0.20	0.29
10	20	Manufacture of chemicals and chemical products	59	4.61	0.90	0.09	0.13	0.59
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	28	2.17	0.79	0.20	0.12	0.26
12	22	Manufacture of rubber and plastics products	128	1.88	0.86	0.13	0.12	0.23
13	23	Manufacture of other non-metallic mineral products	12	2.23	0.74	0.22	0.28	0.64
14	24	Manufacture of basic metals	108	1.89	0.94	0.06	0.11	0.21
15	25	Manufacture of fabricated metal products, except machinery and equipment	264	1.90	0.83	0.16	0.15	0.28
16	26	Manufacture of computer, electronic and optical products	91	3.30	0.77	0.22	0.07	0.22
17	27	Manufacture of electrical equipment	197	2.74	0.86	0.13	0.09	0.26
18	28	Manufacture of machinery and equipment n.e.c.	139	1.84	0.77	0.22	0.26	0.48
19	29	Manufacture of motor vehicles, trailers and semi-trailers	107	1.95	0.74	0.23	0.17	0.33
20	30	Mfr. Of Other Transport equipment	21	1.52	0.76	0.21	0.24	0.37
21	31	Manufacture of furniture	22	1.69	0.85	0.14	0.15	0.26
22	32	Other manufacturing	62	2.07	0.69	0.30	0.13	0.28
23	33	Repair and installation of machinery and equipment	10	3.25	0.80	0.17	0.24	0.78
24	38	Waste collection, treatment and disposal activities; materials recovery	7	1.01	0.43	0.25	4.45	4.50
25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	215	1.78	0.74	0.24	0.21	0.37
26	52	Warehousing and support activities for transportation	16	1.00	0.61	0.30	0.64	0.64
27	58	Publishing activities	8	1.10	0.80	0.14	0.90	0.99
28	82	Office administrative, office support and other business support activities	3	2.72	0.88	0.09	0.11	0.30
29	95	Repair of computers and personal and household goods	12	1.73	0.77	0.19	0.10	0.17
30	96	Other personal service activities	4	1.16	0.70	0.28	0.18	0.21
31		Others	4	1.02	0.34	0.08	3.93	4.01
		Total	2459	2.00	0.86	0.13	0.14	0.28

Annual Survey of Industries 2017-18
TableVIII: Important Structural Ratio according to major Industry Group
(2 Digits of NIC 2008)

S.No.	Ind Group	Description	Emoluments per Employee	Output per Worker	Input per Worker	Value added per worker	Invested Capital per Worker	Wages per Worker
1	10	Mfr. Of Food Products	379551	23905308	22515146	1263765	3182455	235920
2	11	Manufacture of beverages	259251	4082766	1285496	2670817	227010	204354
3	12	Manufacture of tobacco products	199351	18033473	15097021	2705278	2524350	130060
4	13	Manufacture of textiles	237560	3517189	2433654	993141	1246503	136270
5	14	Manufacture of wearing apparel	235660	2256114	1642912	573639	956633	147340
6	15	Manufacture of leather and related products	238931	4775459	4207323	456865	1692030	152241
7	16	Manufacture of wood and products of wood and cork, except furniture;	265050	4997697	3899386	1052018	1574646	161886
8	17	Manufacture of paper and paper products	275538	4666703	3844882	696608	1721788	143089
9	18	Printing and reproduction of recorded media	283491	5431538	4253057	1015683	1563160	162836
10	20	Manufacture of chemicals and chemical products	356596	16834505	15114800	1449576	10013456	148151
11	21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	382033	5718493	4505928	1138189	1476044	157911
12	22	Manufacture of rubber and plastics products	319701	6679301	5715368	862646	1549660	162769
13	23	Manufacture of other non-metallic mineral products	177734	2319063	1719831	503636	1474436	142113
14	24	Manufacture of basic metals	201477	15599725	14590709	932292	3259640	143717
15	25	Manufacture of fabricated metal products, except machinery and equipment	224509	3858710	3191129	617503	1090382	153756
16	26	Manufacture of computer, electronic and optical products	378552	10100550	7783110	2240901	2204358	152836
17	27	Manufacture of electrical equipment	255652	8756150	7511046	1130314	2216043	143890
18	28	Manufacture of machinery and equipment n.e.c.	287419	3877455	2969256	837440	1857778	164779
19	29	Manufacture of motor vehicles, trailers and semi-trailers	204464	2686329	2000250	630596	886928	140833
20	30	Mfr. Of Other Transport equipment	197886	1612056	1222005	333085	589627	152512
21	31	Manufacture of furniture	226825	3533095	3001079	488185	920709	145180
22	32	Other manufacturing	351004	4524367	3103631	1336503	1255635	166313
23	33	Repair and installation of machinery and equipment	335161	972044	777070	169249	757141	231300
24	38	Waste collection, treatment and disposal activities; materials recovery	180227	1268847	541115	319142	5711751	136486

25	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	258062	3372612	2480903	803178	1237175	183694
26	52	Warehousing and support activities for transportation	235840	1822633	1118658	555072	1160647	156546
27	58	Publishing activities	270478	1756996	1412969	244374	1746416	153544
28	82	Office administrative, office support and other business support activities	419940	6482994	5706106	597069	1916938	152657
29	95	Repair of computers and personal and household goods	256812	2739016	2114901	531956	462986	208197
30	96	Other personal service activities	230960	2455209	1714629	675626	519544	163670
31		Others	316880	4338489	1480054	365781	17404032	236988
		Total	276761	6616861	5659060	854376	1885162	166832

Annual survey of industry 2017-18

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

Capital Range (Gross Value of Plant & Machinery)	Factories Covered	Fuels	Material	Other input	Total input	Total output	Values in ₹ Lakh	
							Emoluments	Depreciation
less than 10.00	885	15864	282335	92368	390567	453864	27795	7325
10.00-25.00	196	5403	123622	13754	142779	170928	11760	1608
25.00-50.00	138	2477	75633	18808	96918	116422	10875	1501
50.00-75.00	123	2536	77815	66065	146415	164113	7287	1150
75.00-100.00	80	1968	37620	4451	44039	56703	4358	1281
100.00-200.00	213	5744	239198	53145	298088	354716	20786	3759
200.00-250.00	54	2361	93629	13566	109556	120914	6112	1226
250.00-350.00	118	9555	100559	41319	151434	188898	15263	2099
350.00-500.00	99	2904	103099	30602	136605	167862	15225	2342
500.00-750.00	137	3770	115837	46156	165762	205820	21581	5392
750.00-1000.00	79	4605	157477	68214	230295	261414	16892	2441
1000.00&above	338	41828	1046292	984193	2072313	2397545	133069	42701
Total	2459	99016	2453117	1432640	3984772	4659198	291004	72826

Annual Survey of Industries 2017-18
Statement showing the merging of Industries

S.No.	Table Description	Industry Code	Included In
1	3 digit of NIC 2008	101	103
		104	105
		142	141
		161	162
		182	181
		252	251
		302, 304	309
		322	329
		370	382
		351, 192	Others
2	2 digit NIC 2008	37	38
		35, 19	Others