



GOVERNMENT OF PUDUCHERRY

ANNUAL SURVEY OF INDUSTRIES

2016-17 and 2017-18



DIRECTORATE OF ECONOMICS AND STATISTICS
PUDUCHERRY



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PUDUCHERRY



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FOREWORD

The Publication '*Annual Survey of Industries 2016-17 and 2017-18*', brought out by the Directorate of Economics and Statistics, is the principal source of Statistics on Industries. It provides statistical information to assess and evaluate the changes in the growth, composition and structure of organized manufacturing sector of the Union Territory of Puducherry. The pooled ASI data helps in framing the industrial policy and in identifying the areas requiring the volume of investments for improvement in the industrial sector of the economy. As the ASI data is one of the parameters, the same is used in the estimation of the State Domestic Product of this Union Territory.

The report of ASI 2016-17 & 2017-18 presents the detailed results of factory sector such as, number of factories, employment and emoluments, fixed/working capital, total input and output Net Value Added etc. The comparative tables and charts clearly elucidate the trend of variations of each statistical indicator of the industrial sector and give a clear understanding to the user.

I appreciate the efforts of the Directorate for arriving the pooled estimates of the State data of ASI with Central data and in bringing out the publication in time.

I hope this publication will be of immense use to the policy makers, planners and research scholars.

(SHURBIR SINGH, I.A.S.)
COMMISSIONER-CUM-SECRETARY

Puducherry,
February, 2021



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PREFACE

The Annual Survey of Industries (ASI) provides detailed statistical information on various parameters of capital structure, volume of employment, estimation of Value added, Net income, profit, structural ratios and technical coefficients by size of capital and employment, change in growth, composition and structure of the organized manufacturing sector. The Survey is conducted annually under the statutory provisions of the Collection of Statistics Act, 1953 and the rules framed there under in 1959. The coverage of Annual Survey of Industries extends to the entire factory sector comprising industrial units registered under sections 2(m)(i) and 2(m)(ii) of the Factories Act, 1948.

Also, I would like to add that for the first time in the history of DES, Puducherry, the State data of ASI has been pooled with the Central data for the year 2016-17. In the consequent year 2017-18 also pooled estimates of ASI arrived and the results of both the years have been compared and analysed in this publication.

The Report of the Annual Survey of Industries is the forty fourth in the series which is based on the results published by the Central Statistical Office, Ministry of Statistics and Programme Implementation, Government of India and the pooled data of the State Samples and Central Samples. The report contains two parts. The Part-I of the Report gives the scope and coverage of ASI frame along with a descriptive note on the definitions of various parameters and Part-II provides the statistical tables giving the description of industry at 2-digit level of NIC Code.

I would like to thank the Field Operation Division of National Sample Survey Office, Government of India for the collection of Field level data from the factories and the Central Statistical Office, Government of India for data processing and timely release of ASI results.

It is hoped that the report on ASI 2016-17 and 2017-18 will help the planners and policy makers interested in framing necessary policy for industrial development.

Any Comments/suggestions for improvement of this publication are welcome.

(Dr. R. RAMAKRISHNAN)
DIRECTOR

Puducherry,
February, 2021.

CONTENT

Sl. No.	Topics	Page No.
1	Introduction	1 - 3
2	Concepts and definitions	4 - 10
3	Principal Characteristics	11 - 15
4	Structural Ratios and Technical Coefficients	16 - 19
5	Distribution of Factories in operation	20 - 23
6	Distribution of Fixed Capital	24 - 27
7	Distribution of Working Capital	27 - 29
8	Distribution of Gross Value of Plant and Machinery	30 - 33
9	Distribution of Total Output	34 - 37
10	Distribution of Gross Value Added	38 - 41
11	Distribution of Net Value Added	42 - 45
12	Distribution of Gross Fixed Capital Formation	46 - 49
13	Distribution of Profit	50 - 53
14	Distribution of Employees and their salary & wages	54 - 57
15	Working steps for Pooling of ASI data for ASI 2017-18	58 - 60
16	Pooling of ASI 2016-17 Results	61 - 61
17	Pooling of ASI 2017-18 Results	62 - 62
18	Annexure – I Capital Employed, Input, Output, GVA etc. for 2016-17	63 - 66
19	Annexure – II Employment & emoluments for the year for 2016-17	67 - 68
20	Annexure – III Capital Employed, Input, Output, GVA etc. for 2016-17	69 - 72
21	Annexure – IV Employment & emoluments for the year for 2017-18	73 - 74
22	Annexure – V (National Industrial Classification – 2008)	75 - 77

PART – I
CHAPTER – I

INTRODUCTION

The Government of India extended the Collection of Statistics Act to the Union Territory of Puducherry in 1962. According to this Act, the Central Government is responsible for the collection of industrial statistics in order to enable the State Government to participate in the collection of industrial statistics. The Director of Economics and Statistics, Government of Puducherry is the Statistics Authority for the work in connection with undertaking the Annual Survey of Industries of residual units. Under this arrangement, the return submitted by the factories to the FOD, National Sample Survey Office, Puducherry was furnished to the Central Statistics Office, Ministry of Statistics and Programme Implementation, Kolkata for the purpose of tabulation of the results at State and all India level. The Annual Survey of Industries 2016-17 and 2017-18 are the 53rd and 54th years of survey conducted in the Union Territory of Puducherry and the results of the pooled data of State and Central samples are tabulated and represented in this report with various tables and Charts wherever necessary.

In this regard, it is significant to mention that for the first time in the history of DES, Puducherry, the State data of ASI was pooled with the Central data for the year 2016-17. Pooling of ASI data was also carried out for the consequent year 2017-18 also and the results of both the years have been compared and analysed in this publication.

The entire census scheme units plus all the units belonging to the two subsamples given to NSSO (FOD) plus all the units belonging to the two subsamples given to State / UT are used for pooling of Central and State Samples.

All the parameters other than the principal pooled parameters have been evaluated using the related proportional ratio of the number factories in operation pooled for the year to that published by National Statistics Office (IS Wing), Kolkata

SCOPE AND COVERAGE

The coverage of the Survey extends to the entire factory sector. All the factories registered under Sections 2m (i) and 2m (ii) of the Factories Act, 1948, which refer to the

establishment using power and employing 10 or more workers and those not using power and employing 20 or more workers are covered in the Union Territory of Puducherry.

ASI FRAME

The ASI frame is based on the lists of registered factory/units maintained by the Chief Inspector of Factories in the Territory and those maintained by the registration authorities in respect of Bidi and Cigar Establishments and Electricity undertakings. The frame is being revised once in three years from the year 1989-90 but updated every year by the regional offices of Field Operations Division of NSSO in consultation with the Chief Inspector of Factories of the respective States and Union Territories. 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 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.

UNIT OF ENUMERATION

The factory in the case of manufacturing industry, a workshop in the case of repair services, an undertaking or a licensee in the case of electricity, gas and water supply and an establishment in the case of bidi and cigarette industry are the primary units of enumeration in the survey.

FORM OF RETURNS

The returns are submitted in the form prescribed for the purpose of Annual Survey of Industries under the “*Collection of Statistics (Central) Rules 1959*”. As the data relating to a single factory cannot be published in view of the restrictive clause in the Act, safeguarding the interest of the owners, the industries in such case had been combined and data published for a group of factories.

Under Annual Survey of Industries 2016-17 and 2017-18, some of the important features of the industrial activity of the Union Territory of Puducherry like capital structure and capital formation, employment and emoluments, input, output, value of product and by-products and net value added etc. have been summarised in Table – 1 and 2. In subsequent tables, the results of Annual Survey of Industries have been presented for the factory sector

for each industry group. The data and other particulars have been collected from the ASI results published by the Central Statistics Office, MOSPI, Kolkata and the pooled data sets.

CHAPTER – II

CONCEPTS AND DEFINITIONS

1. Reference period

The reference period for ASI 2016-2017 is the financial year commencing from 1st April, 2016 and ending on 31st March, 2017 or the accounting year of the factory ending on any date between 01-04-2016 and 31-03-2017. The Survey period for ASI 2016-17 is from January, 2018 to September, 2018.

The reference period for ASI 2017-2018 is the financial year commencing from 1st April, 2017 and ending on 31st March, 2018 or the accounting year of the factory ending on any date between 01-04-2017 and 31-03-2018. The Survey period for ASI 2017-18 is from November, 2018 to June, 2019.

2. Registered Factory

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) whereon 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.

3. Fixed Capital

Fixed Capital represents the depreciated value of fixed assets owned by the factory as on the closing day of 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 the benefit of factory personnel.

4. Physical Working Capital

Physical Working Capital is the total inventories comprising of raw materials and components, fuels and lubricants, spares, stores and others, semi-finished goods and the 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.

5. Working Capital

Working Capital is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank 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.

6. Productive Capital

Productive Capital is the total of fixed capital and working capital as defined above.

7. Invested Capital

Invested Capital is the total of fixed capital and physical working capital as defined above.

8. Gross Value of Plant and Machinery

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

9. Outstanding loans

Outstanding loans represent all loans whether short term or long term, whether interest bearing or not, outstanding according to the books of the factory as on the closing day of the accounting year.

10. Rent Paid

Rent Paid represents the amount of royalty paid in the nature of rent for the use of the fixed assets in the factory.

11. Interest Paid

Interest Paid includes all interest paid on factory account on loans, whether short-term or long-term, irrespective of the duration and the nature of agency from which the loan was taken. Interest paid to partners and proprietors on capital or loan is excluded.

12. Rent Received

Rent received represents the amount of royalty received in the nature of rent for the use of the fixed assets in the factory.

13. Interest Received

Interest received includes all interest received on factory account on loans, whether short term or long term, irrespective of the duration and the nature of agency to which the loan was given. Interest received from partners and proprietors and proprietors on capital or loan are excluded.

14. Workers

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.

15. Employees

Employees include all workers defined above and persons receiving wages and holding supervisory or managerial position 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.

16. Total persons engaged

Total persons engaged include the employees as defined above and all working proprietors and their family members who are actively engaged in the work of the factory

even without any pay and the unpaid members of the co-operative societies who worked in or for the factory in any direct and productive capacity. The number of workers or employees is an average number obtained by dividing man days worked by the number of days the factory had worked during the reference year.

17. Man-days

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

18. Wages and Salaries

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 from trust or other special funds set up exclusively for this purpose i.e., payments not made by the employer. It also excludes imputed value of benefits in kind, employer's contribution to old age benefits and other social security charges, direct expenditure on maternity benefits, crèches 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.

19. Contribution to Provident Fund and other funds

Contribution to Provident Fund and other funds include old age benefits like provident fund, pension, gratuity etc. and employer's contribution towards other social security charges such as employees state insurance, compensation for work injuries and occupational diseases, provident fund linked insurance, retrenchment and lay-off benefits.

20. Workmen and staff welfare expenses

It includes group benefits like direct expenditure on maternity, crèches, canteen facilities, educational, cultural recreational facilities and grants to trade unions, co-operative stores, etc. meant for employees.

21. Total Emoluments

Total emoluments is defined as the sum of wages and salaries, employer's contribution as provident fund and other funds and workmen and staff welfare expenses as defined above.

22. Fuels Consumed

Fuels Consumed represents total purchase value of all items of fuels such as coal liquefied petroleum gas, petrol, diesel, electricity, lubricants, water etc. consumed by the factory during the accounting year but excluding the items which directly enter into the manufacturing process.

23. Materials Consumed

Materials Consumed represent 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.

24. Ex-Factory value

It represents all products and by-products manufactured is attained at the rate of net sale-value (inclusive of subsidies etc.) with respect to each of the items.

25. Total Input

Total Input comprises total value of fuels, materials consumed as well as expenditures 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 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. Annual of rent paid and interest paid is not included.

26. Total Output

Total Output comprises total ex-factory value of products and by-products manufactured as well as other receipts from non-industrial services rendered to others, work done for others on materials supplied by them, value of electricity produced and sold, sale value of goods sold in the same conditions purchased, addition in stock of semi-finished goods and own construction. Rent received and Interest received are not included.

27. Depreciation

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.

28. Net Value Added

Net Value Added is arrived by deducting total-input and depreciation from total output.

29. Components and accessories consumed

These are the portion of materials consumed and shown separately to represent as a special type of consumption.

30. Imported materials consumed on actual use

They comprise the portion of materials consumed that are imported from other countries. It may be raw materials or fuels or components and accessories of the input basket.

31. Semi-finished Goods

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.

32. Finished Goods

Finished goods are the ultimate products ready for sale. It does not require further processing but needs packaging and labelling etc.

33. Net Income

Net Income represents the factor shares of employees and entrepreneur in the net value added and is obtained by deducting the rent paid and interest paid from the net value added.

34. Profit

Profit is the excess of net income over the total emoluments and supplement to emoluments.

35. Net Fixed Capital Formation

Net Fixed Capital Formation represents the excess of net fixed capital at the end of accounting year over that at the beginning of the year.

36. Gross Fixed Capital Formation

Gross Fixed Capital Formation is obtained by adding depreciation to net fixed capital formation.

37. Gross Capital Formation

Gross Capital Formation is obtained by adding total addition in stocks of materials, fuel, semi-finished goods and finished goods to gross fixed capital formation.

38. Merging/Clubbing of Industries

If the number of factories under any industry / industry group is less than three, the data have been combined to 'other industry' (known as merged industry) to avoid the possibility of identifying a particular industry in a State.

PART – II

1. Principal Characteristics

The aggregates of principal characteristics and the employment and emoluments for the survey year 2016-17 and 2017-18 at the Union Territory level and percentage rise in 2017-18 over the previous year 2016-17 are presented in Table 1 and 2.

These tables show that in the survey year 2016-17, there were 665 factories in the Union Territory, out of which 616 factories were found in operation. These factories together had a total stock of Fixed Capital worth Rs.4,61,929 lakhs, Productive Capital of Rs.7,16,024 lakhs and Invested Capital of Rs.8,33,347 lakhs. These factories provided gainful employment to 47,249 persons and spent Rs.1,51,560 lakhs on emoluments to employees. The value of Total Inputs consumed by these factories was Rs.17,56,980 lakhs and they contributed by way of Value Added by Rs.5,35,164 lakhs to the State Income.

During the survey year 2017-18, 681 number of factories were registered in the state, out of which 678 factories were found in operation. These factories together had a total stock of Fixed Capital worth Rs.4,74,194 lakhs, Productive Capital of Rs.8,95,017 lakhs and Invested Capital of Rs.9,07,621 lakhs. These factories provided gainful employment to 54,934 persons and spent 1,89,662 lakhs on emoluments to employees. The value of Total Inputs consumed by these factories was Rs.25,61,434 lakhs and they contributed by way of Value Added was Rs.5,44,970 lakhs to the State Income.

While comparing the figures of 2017-18 with that of the preceding year 2016-17, it is observed the total number of employees increased by 16.26% and total emoluments increased by 25.14% indicating an increase in per capita wage/emoluments at current prices.

The Fixed Capital, Working Capital and Physical Working Capital have increased by 2.66%, 65.62% and 33.85% respectively in the year 2017-18 over 2016-17. The Net Value Added has decreased by 1.33% and Net Income has increased by 2.54% in the year 2017-18 over the previous year. As far as the Employment and Emoluments are concerned, it is observed that the number of persons employed has increased by 16.26%, while their emoluments have increased by 25.14% in 2017-18 over the previous year 2016-17.

In general, though certain aggregates of principal characteristics of all the factories have shown a decreasing trend in the year 2017-18 over the previous year 2016-17, the GVA and Net Income figures showed a positive trend while there was a decrease in the profit by 6.34%

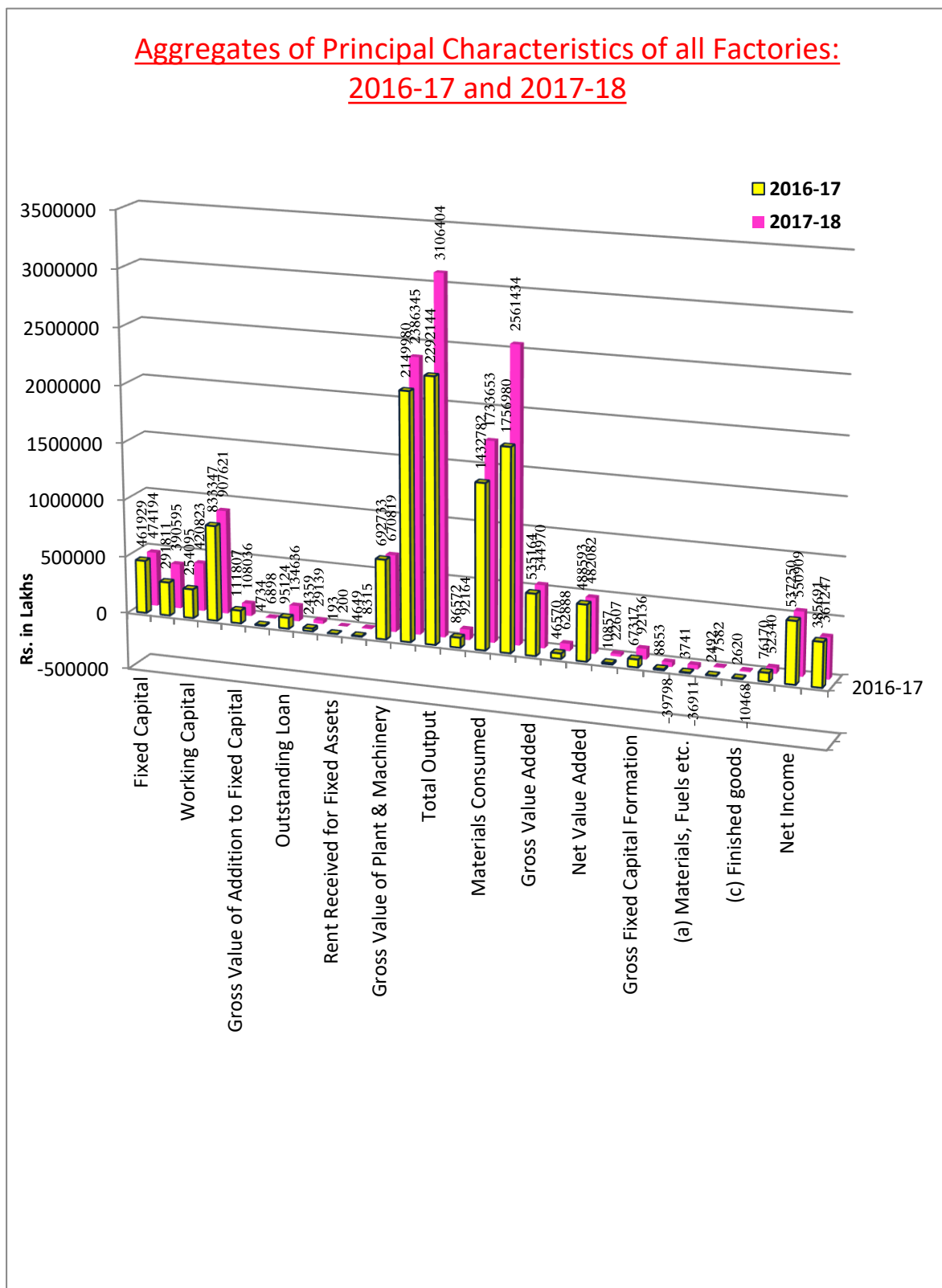


TABLE-1

Aggregates of Principal Characteristics of all Factories in the U.T. of Puducherry

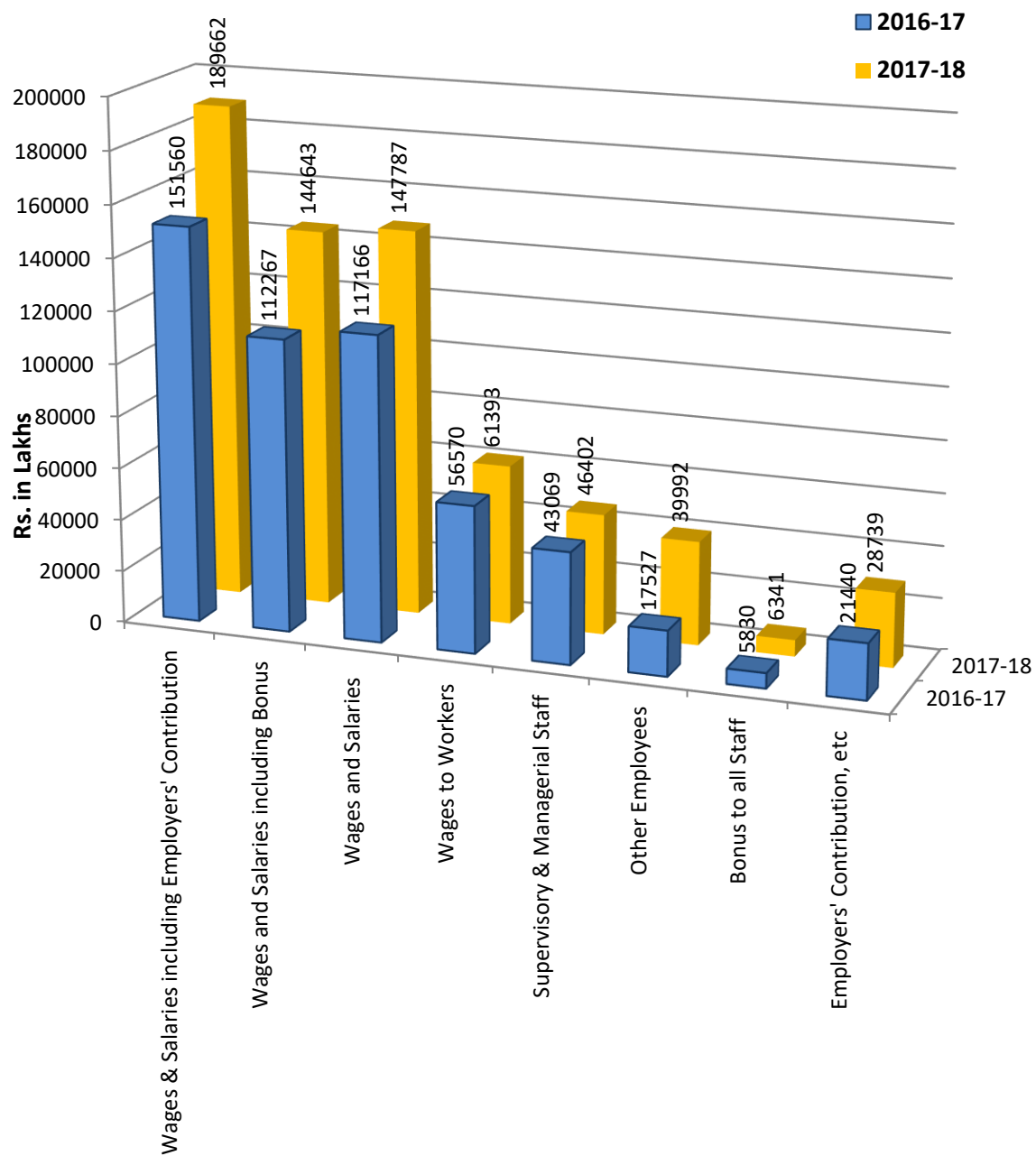
Sl No.	Characteristics	Unit	2016-17	2017-18	% (+) / (-) in 2017-18 over 2016-17
(1)	(2)	(3)	(4)	(5)	(6)
1	Number of Factories	No.	665	681	2.41
2	Factories in Operation	"	616	678	10.06
3	Fixed Capital	₹ in Lakhs	461929	474194	2.66
4	Physical Working Capital	"	291811	390595	33.85
5	Working Capital	"	254095	420823	65.62
6	Invested Capital	"	833347	907621	8.91
7	Gross Value of Addition to Fixed Capital	"	111807	108036	-3.37
8	Rent paid for Fixed Assets	"	4734	6898	45.72
9	Outstanding Loan	"	95124	134636	41.54
10	Interest paid	"	24359	29139	19.63
11	Rent Received for Fixed Assets	"	193	200	3.38
12	Interest Received	"	4649	8315	78.86
13	Gross Value of Plant & Machinery	"	692733	670819	-3.16
14	Value of Products & By-products	"	2149980	2386345	10.99
15	Total Output	"	2292144	3106404	35.52
16	Fuels Consumed	"	86572	92164	6.46
17	Materials Consumed	"	1432782	1733653	21.00
18	Total Inputs	"	1756980	2561434	45.79
19	Gross Value Added	"	535164	544970	1.83
20	Depreciation	"	46570	62888	35.04
21	Net Value Added	"	488593	482082	-1.33
22	Net Fixed Capital Formation	"	10857	22607	108.22
23	Gross Fixed Capital Formation	"	67317	92136	36.87
24	Addition in Stock of	"	8853	-39798	-549.51
	(a) Materials, Fuels etc.	"	3741	-36911	-1086.61
	(b) Semi finished goods	"	2492	7582	204.21
	(c) Finished goods	"	2620	-10468	-499.55
25	Gross Capital Formation	"	76170	52340	-31.29
26	Net Income	"	537250	550909	2.54
27	Profits	"	385691	361247	-6.34

TABLE-2

Employment, Man-days employed and Emoluments of Factory Sector

Sl No.	Characteristics	Unit	2016-17	2017-18	% (+) / (-) in 2017-18 over 2016-17
(1)	(2)	(3)	(4)	(5)	(6)
A	No. of Persons Employed	No.	47249	54934	16.26
1	Workers	"	37894	42102	11.10
1.1	Directly Employed	"	27880	28586	2.53
	Men	"	21221	21601	1.79
	Women	"	6660	6984	4.88
1.2	Employed Through Contractors	"	14032	17312	23.37
2	Employees Other than Workers	"	10791	13702	26.98
2.1	Supervisory & Managerial Staff	"	4528	4655	2.80
2.2	Other Employees	"	6263	9047	44.46
3	Unpaid Family Members/Proprietor, etc.	"	113	247	118.69
B	Total Mandays Employed (in '000)	"	16286	18078	11.01
C	Wages & Salaries including Employers' Contribution	₹ in Lakhs	151560	189662	25.14
1	Wages and Salaries including Bonus		112267	144643	28.84
1.1	Wages and Salaries		117166	147787	26.13
1.1.1	Wages to Workers		56570	61393	8.53
1.1.2	Supervisory & Managerial Staff		43069	46402	7.74
1.1.3	Other Employees		17527	39992	128.17
1.2	Bonus to all Staff		5830	6341	8.77
2	Employers' Contribution, etc		21440	28739	34.04

Employment, Mandays employed and Emoluments of Factory Sector: 2016-17 and 2017-18



2. Structural Ratios and Technical Coefficients

The Structural Ratios and Technical Coefficients are shown in Table-3 and in the following chart.

Fixed Capital per factory has decreased from Rs.749.88 lakhs in 2016-17 to 699.40 lakhs in 2017-18, thus showing a decrease of 6.73% in the year 2017-18 over 2016-17.

Working Capital per factory had increased from Rs.412.49 lakhs in 2016-17 to 620.68 lakhs in 2017-18 showing an increase of 50.47%, which means the availability of Working Capital was higher in 2017-18 over 2016-17 for running factories. The Working Capital per worker has increased from 6.71 lakhs in 2016-17 to 10.00 lakhs in 2017-18 showing an increase of 49.06% i.e., the availability of Working Capital per worker was high during the year 2017-18, when compared to the previous year 2016-17.

The number of workers per factory had increased from 61.52 in 2016-17 to 62.10 in 2017-18 showing an increase of 0.94% and the wages per worker has decreased slightly from Rs.1.49 lakhs in 2016-17 to Rs.1.46 lakhs in 2017-18, thus showing decrease of wages by 2.32%.

Net income and profit per factory have increased by 60.68% and 100.46% respectively in the years 2017-18 and 2016-17.

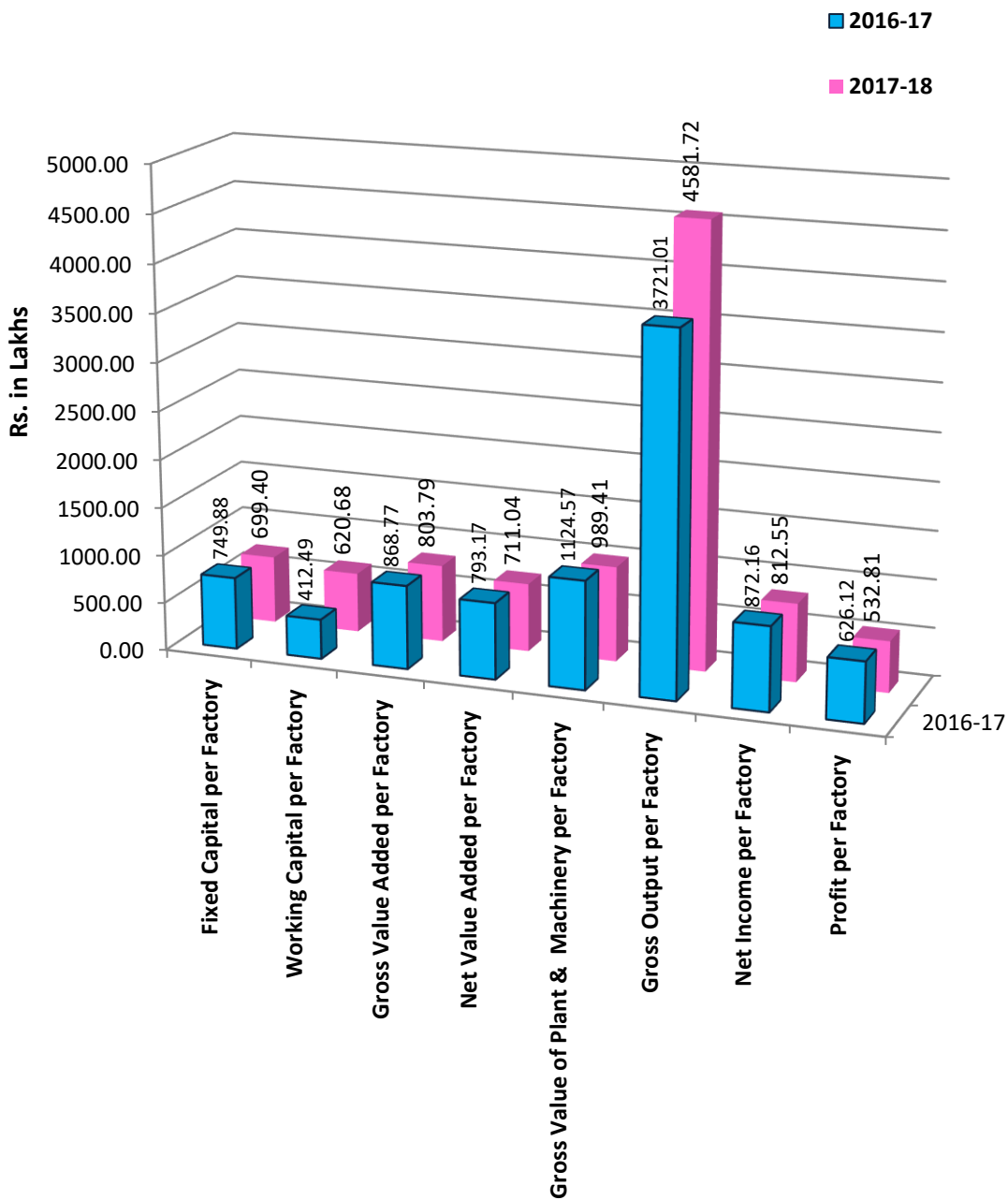
Ratio of Fixed Capital to Net Value Added has increased by 4.04%. But, the ratios of Fixed Capital to Value of Output and that of Net Value Added to Value of Output have decreased by 24.25% and 27.20% respectively in 2017-18 over 2016-17.

TABLE-3

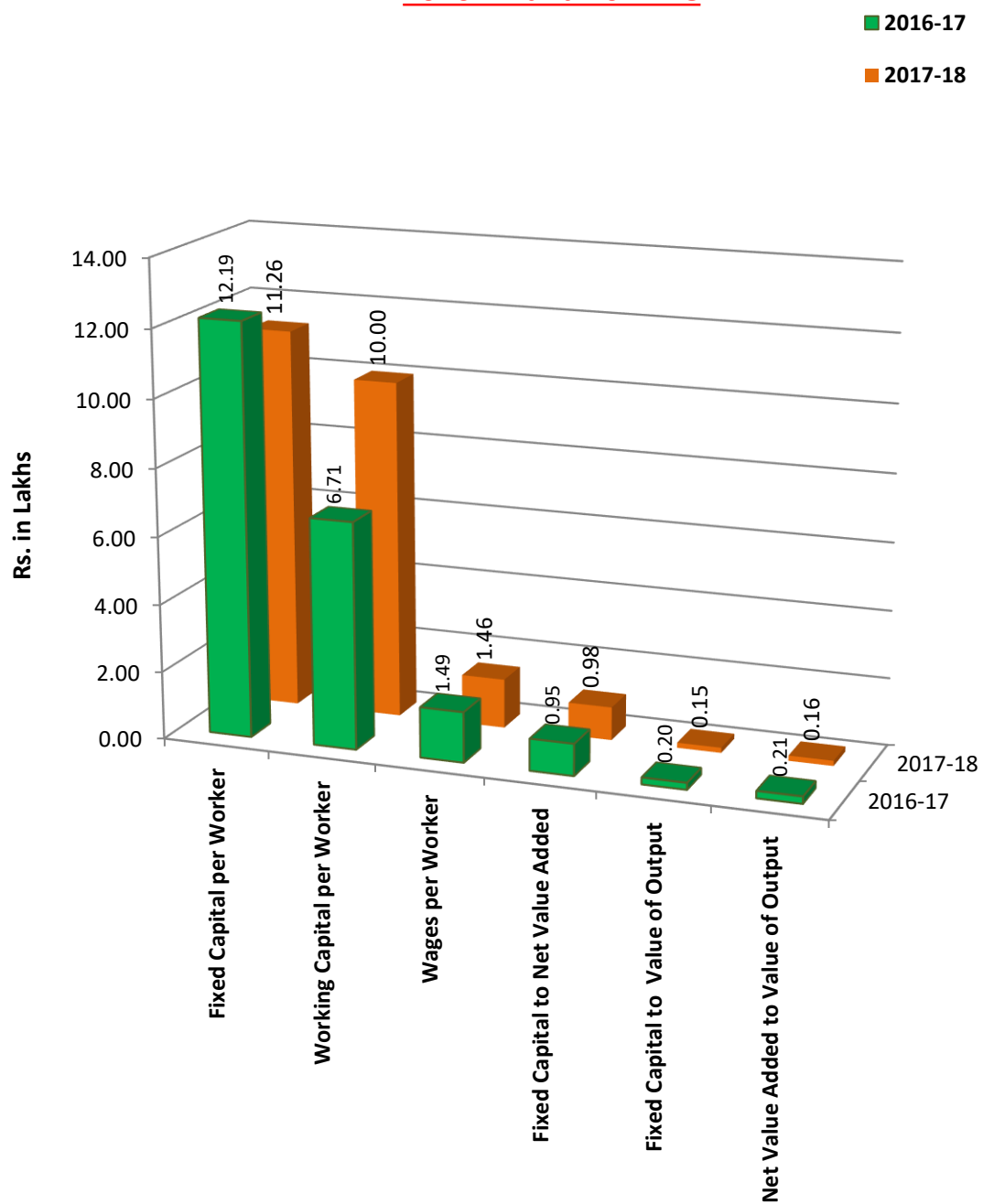
Structural Ratios and Technical Coefficients

Sl No.	Ratios / Co-efficients	Unit	2016-17	2017-18	% (+) / (-) in 2017-18 over 2016-17
(1)	(2)	(3)	(4)	(5)	(7)
Structural Ratios					
1	Fixed Capital per Factory	₹ in Lakhs	749.88	699.40	-6.73
2	Working Capital per Factory	"	412.49	620.68	50.47
3	Gross Value Added per Factory	"	868.77	803.79	-7.48
4	Net Value Added per Factory	"	793.17	711.04	-10.36
5	Gross Value of Plant & Machinery per Factory	"	1124.57	989.41	-12.02
6	Gross Output per Factory	"	3721.01	4581.72	23.13
7	Net Income per Factory	"	872.16	812.55	-6.83
8	Profit per Factory	"	626.12	532.81	-14.90
9	Workers per Factory	Nos.	61.52	62.10	0.94
10	Fixed Capital per Worker	₹ in Lakhs	12.19	11.26	-7.60
11	Working Capital per Worker	"	6.71	10.00	49.06
12	Wages per Worker	"	1.49	1.46	-2.32
Technical Co-efficient					
13	Fixed Capital to Net Value Added	₹ in Lakhs	0.95	0.98	4.04
14	Fixed Capital to Value of Output	"	0.20	0.15	-24.25
15	Net Value Added to Value of Output	"	0.21	0.16	-27.20

Structural Ratios in respect of Factories: 2016-17 and 2017-18



Structural Ratios in respect of Workers and Technical Coefficients:
2016-17 and 2017-18



3. Distribution of Factories in operation

Table-4 and the following Chart show the Distribution of factories at 2-digit level of NIC Code with illustrative figures of industries in the years 2016-17 and 2017-18.

It is seen from the table that 678 factories were in operation during the reporting year 2017-18 as against 616 factories during the year 2016-17, thus the number of factories has increased by 10.06%.

Further, it is observed from the table that the industry group (NIC Code 22) Manufacture of Rubber and Plastics Products had the largest share in number of factories in both the years 2016-17 and 2017-18. The number of factories was 151 (22.27% of the total) in the year 2017-18 and it was 101 (16.33% of the total) in the year 2016-17.

The industry group (NIC Code 20) Manufacture of chemicals and chemical products had the second largest share in number of factories in both the years 2016-17 and 2017-18. The number of factories was 93 (13.72% of the total) in the year 2017-18 and it was 86 (13.94% of the total) in the year 2016-17.

The industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC Code 20) Manufacture of Chemicals and chemical products, industry group (NIC Code 22) Manufacture of Rubber and Plastic products, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 27) Manufacture of Electrical Equipment, industry group (NIC Code 32) Other Manufacturing and industry group (NIC Code Other) Other had shown an upward movement in number of factories in 2017-18 over 2016-17.

The industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC Code 13) Manufacture of Textiles, industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC group 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, Industry group (NIC Code 23)

Manufacture of Non-metallic Mineral Products, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment, industry group (NIC Code 26) Manufacture of Computer, industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers, industry group (NIC Code 30) Manufacture of Transport equipment and industry group (NIC Code 31) Manufacture of Furniture had shown decreasing trend in number of factories during the reporting year 2017-18 over 2016-17.

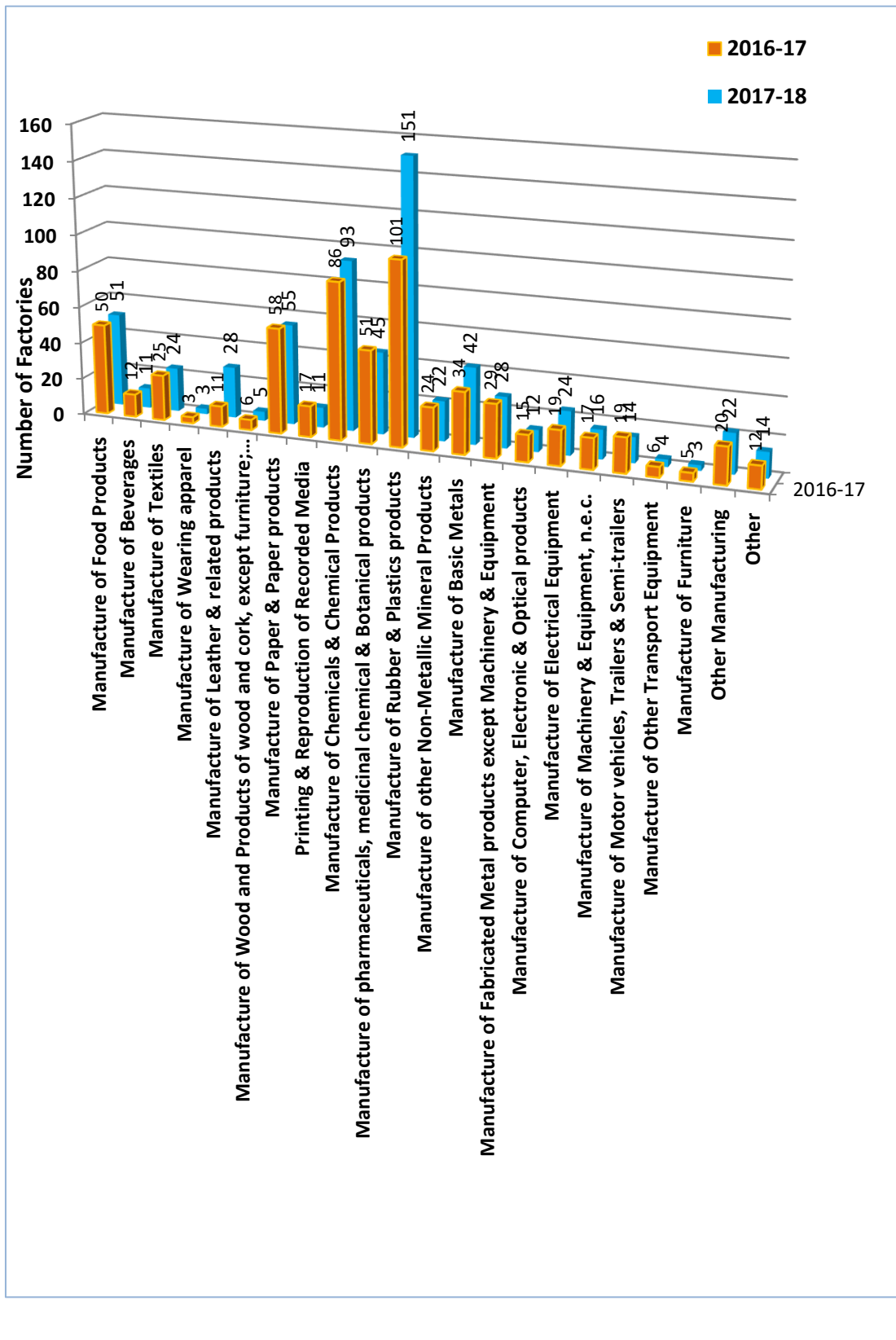
It is observed that in total the Distribution of Factories in operation has increased by 10.06% in the year 2017-18 over 2016-17.

TABLE - 4

Distribution of Factories in operation (NIC-08: 2 digit) 2016-17 & 2017-18

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		No. of Factories	%	No. of Factories	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	50	8.07	51	7.52	2.55
11	Manufacture of Beverages	12	2.02	11	1.62	-11.53
13	Manufacture of Textiles	25	4.04	24	3.54	-3.48
14	Manufacture of Wearing apparel	3	0.55	3	0.44	-11.53
15	Manufacture of Leather & related products	11	1.83	28	4.13	147.73
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	6	0.92	5	0.74	-11.53
17	Manufacture of Paper & Paper products	58	9.36	55	8.11	-4.59
18	Printing & Reproduction of Recorded Media	17	2.75	11	1.62	-35.12
20	Manufacture of Chemicals & Chemical Products	86	13.94	93	13.72	8.26
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	51	8.26	45	6.64	-11.53
22	Manufacture of Rubber & Plastics products	101	16.33	151	22.27	50.11
23	Manufacture of other Non-Metallic Mineral Products	24	3.85	22	3.24	-7.31
24	Manufacture of Basic Metals	34	5.50	42	6.19	23.86
25	Manufacture of Fabricated Metal products except Machinery & Equipment	29	4.77	28	4.13	-4.72
26	Manufacture of Computer, Electronic & Optical products	15	2.39	12	1.77	-18.33
27	Manufacture of Electrical Equipment	19	3.12	24	3.54	24.90
28	Manufacture of Machinery & Equipment, n.e.c.	17	2.75	16	2.36	-5.63
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	19	3.12	14	2.06	-27.14
30	Manufacture of Other Transport Equipment	6	0.92	4	0.59	-29.22
31	Manufacture of Furniture	5	0.73	3	0.44	-33.64
32	Other Manufacturing	20	3.30	22	3.24	8.13
Other	Other	12	2.02	14	2.06	12.60
	Total	616	100.00	678	100.00	10.06

Distribution of Factories in operation: 2016-17 and 2017-18



4. Distribution of Fixed Capital

TABLE - 5

Distribution of Fixed Capital (NIC-08: 2 digit) 2016-17 & 2017-18

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		Fixed Capital (₹ in lakh)	%	Fixed Capital (₹ in lakh)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	19523	4.23	22879	4.82	17.19
11	Manufacture of Beverages	6296	1.36	10362	2.19	64.59
13	Manufacture of Textiles	36221	7.84	40405	8.52	11.55
14	Manufacture of Wearing apparel	210	0.05	303	0.06	44.16
15	Manufacture of Leather & related products	788	0.17	1389	0.29	76.34
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	416	0.09	664	0.14	59.79
17	Manufacture of Paper & Paper products	8011	1.73	9549	2.01	19.20
18	Printing & Reproduction of Recorded Media	1531	0.33	877	0.18	-42.72
20	Manufacture of Chemicals & Chemical Products	70641	15.29	83894	17.69	18.76
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	49526	10.72	47330	9.98	-4.43
22	Manufacture of Rubber & Plastics products	99091	21.45	103943	21.92	4.90
23	Manufacture of other Non-Metallic Mineral Products	35331	7.65	33358	7.03	-5.58
24	Manufacture of Basic Metals	15248	3.30	18928	3.99	24.14
25	Manufacture of Fabricated Metal products except Machinery & Equipment	18060	3.91	15398	3.25	-14.74
26	Manufacture of Computer, Electronic & Optical products	4263	0.92	5611	1.18	31.61
27	Manufacture of Electrical Equipment	14683	3.18	23288	4.91	58.61
28	Manufacture of Machinery & Equipment, n.e.c.	24772	5.36	21158	4.46	-14.59
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	28502	6.17	12765	2.69	-55.21
30	Manufacture of Other Transport Equipment	945	0.20	455	0.10	-51.84
31	Manufacture of Furniture	5549	1.20	903	0.19	-83.73
32	Other Manufacturing	15239	3.30	17131	3.61	12.42
Other	Other	7081	1.53	3604	0.76	-49.10
	Total	461929	100.00	474194	100.00	2.66

Distribution of Fixed Capital: 2016-17 and 2017-18

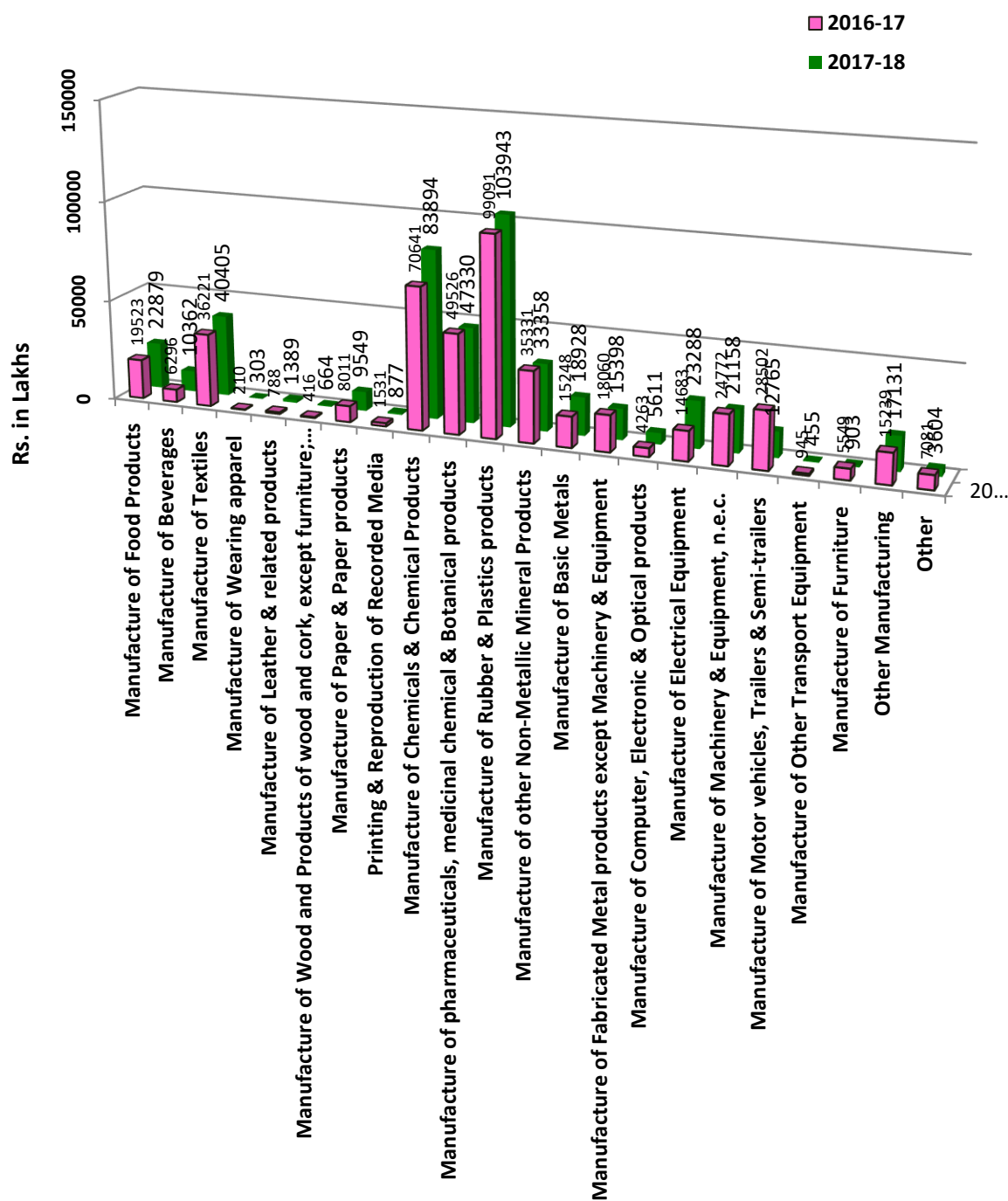


Table 5 and the following chart show the Distribution of Fixed Capital at 2-digit industries group (NIC 2008) with illustration of industries in the years 2016-17 and 2017-18.

Further, it is observed from the table that the industry group (NIC Code 22) Manufacture of Rubber and Plastics Products had the largest share of Fixed Capital in both the years 2016-17 and 2017-18. The Fixed Capital was Rs.1,03,943 lakhs (21.92% of the total) in the year 2017-18 and it was Rs.99,091 lakhs (21.45% of the total) in the year 2016-17.

The industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC Code 13) Manufacture of Textiles industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC group 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC Code 20) Manufacture of Chemicals and chemical products, industry group (NIC Code 22) Manufacture of Rubber and Plastic products, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products, industry group (NIC Code 27) Manufacture of Electrical Equipment and the industry group (NIC Code 32) Other Manufacturing have shown an upward movement in investing the Fixed capital during the year 2017-18 over the previous year 2016-17.

The industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, industry group (NIC Code 23) Manufacture of Non-metallic Mineral Products, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment, industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers, industry group (NIC Code 30) Manufacture of Transport equipment, industry group (NIC Code 31) Manufacture of Furniture and the industry group (NIC Code Other) Other had shown downward trend in Fixed capital investment in the year 2017-18 over 2016-17.

It is observed that the investment of total Fixed Capital in all the factories had increased by 2.66% in the year 2017-18 over 2016-17.

5. Distribution of Working Capital

Table-6 shows the Distribution of Working Capital at 2-digit level of NIC code with illustration of industries in the years 2016-17 and 2017-18.

The industry group (NIC code 22) Manufacture Rubber and Plastic products had the highest share in total working capital with Rs.94,631 lakhs (37.24% of total) during the year 2016-17 whereas in the year 2017-18, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products had registered the largest share in the total working capital worth Rs.1,21,427 lakhs (28.85% of total).

The industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products had registered the second largest share worth Rs.41,244 lakhs (16.23% of total) of Working Capital in the year 2016-17 whereas in the year 2017-18, the industry group (NIC code 22) Manufacture Rubber and Plastic products had the second largest share of working capital with Rs.64,253 lakhs (15.27% of total).

The industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 13) Manufacture of Textiles, industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group (NIC Code 20) Manufacture of Chemicals and chemical products, industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, industry group (NIC Code 23) Manufacture of Non-metallic Mineral Products, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products, industry group (NIC Code 27) Manufacture of Electrical Equipment, industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers, industry group (NIC Code 30) Manufacture of Transport equipment, industry group (NIC Code 32) Other Manufacturing, industry group (NIC Code Other) Other had shown an upward movement in working capital in 2017-18 over the previous year 2016-17.

The industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC group 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC Code 22) Manufacture of Rubber and Plastic products, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment, industry group (NIC Code 31) Manufacture of Furniture, have shown downward movement in Working Capital in 2017-18 over the previous year 2016-17.

It is observed that the total value of working capital in all the factories has increased by 65.62% during the year 2017-18 (Rs.4,20,823 lakhs) over the previous year 2016-17 (Rs.2,54,095 lakhs).

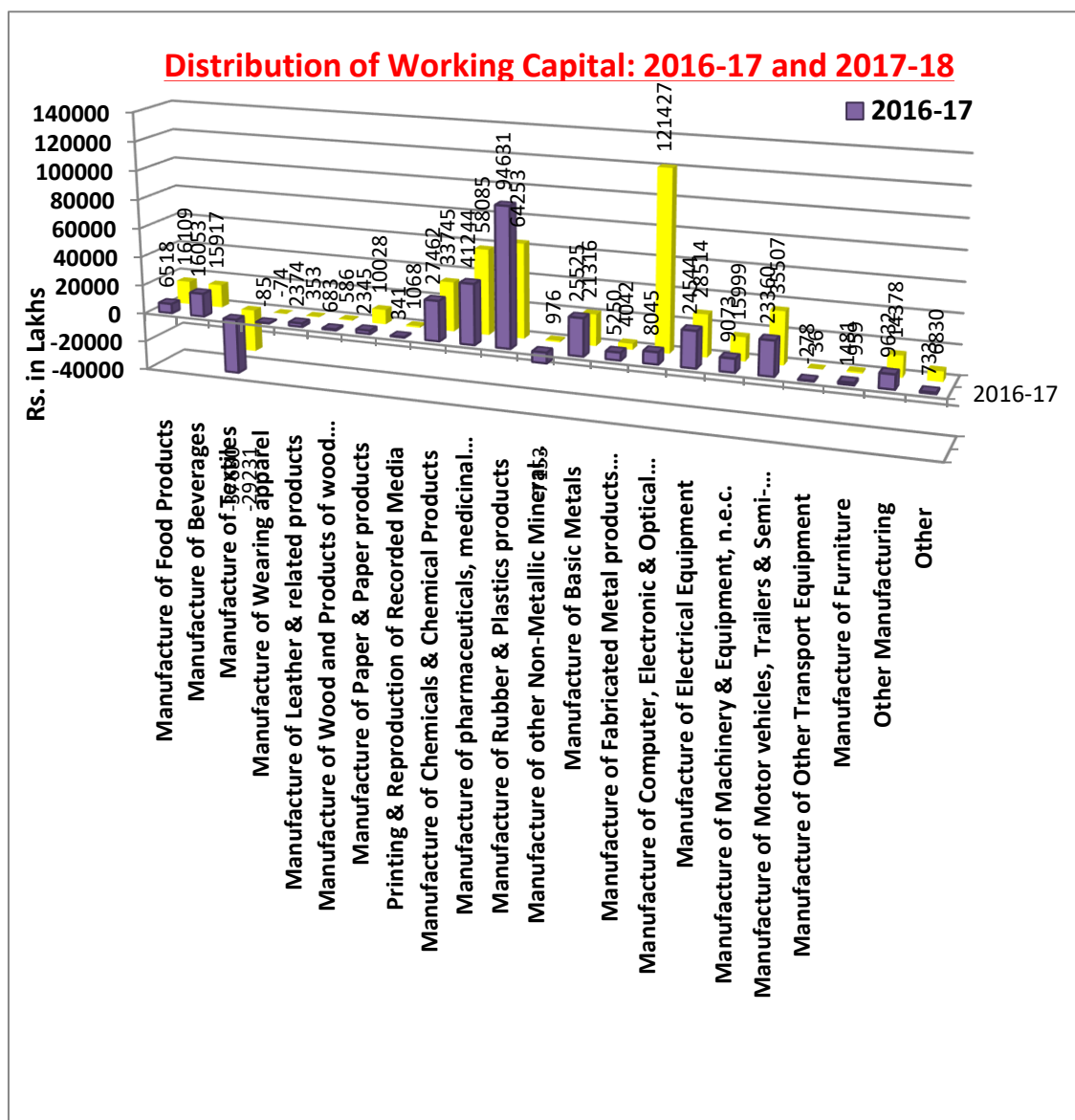


TABLE - 6

Distribution of Working Capital (NIC-08: 2 digit) 2016-17 & 2017-18

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		Working Capital (₹ in lakhs)	%	Working Capital (₹ in lakhs)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	6518	2.57	16109	3.83	147.15
11	Manufacture of Beverages	16053	6.32	15917	3.78	-0.85
13	Manufacture of Textiles	-37680	-14.83	-29231	-6.95	22.42
14	Manufacture of Wearing apparel	-85	-0.03	-74	-0.02	12.63
15	Manufacture of Leather & related products	2374	0.93	353	0.08	-85.13
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	683	0.27	586	0.14	-14.24
17	Manufacture of Paper & Paper products	2345	0.92	10028	2.38	327.66
18	Printing & Reproduction of Recorded Media	341	0.13	1068	0.25	213.48
20	Manufacture of Chemicals & Chemical Products	27462	10.81	33745	8.02	22.88
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	41244	16.23	58085	13.80	40.83
22	Manufacture of Rubber & Plastics products	94631	37.24	64253	15.27	-32.10
23	Manufacture of other Non-Metallic Mineral Products	-7153	-2.82	976	0.23	113.64
24	Manufacture of Basic Metals	25525	10.05	21316	5.07	-16.49
25	Manufacture of Fabricated Metal products except Machinery & Equipment	5250	2.07	4042	0.96	-23.01
26	Manufacture of Computer, Electronic & Optical products	8045	3.17	121427	28.85	1409.31
27	Manufacture of Electrical Equipment	24544	9.66	28514	6.78	16.18
28	Manufacture of Machinery & Equipment, n.e.c.	9073	3.57	15999	3.80	76.34
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	23360	9.19	35507	8.44	52.00
30	Manufacture of Other Transport Equipment	-278	-0.11	36	0.01	112.96
31	Manufacture of Furniture	1481	0.58	959	0.23	-35.24
32	Other Manufacturing	9632	3.79	14378	3.42	49.28
Other	Other	733	0.29	6830	1.62	832.09
	Total	254095	100.00	420823	100.00	65.62

6. Distribution of Gross Value of Plant and Machinery

Table-7 and the following Chart show the Distribution of Gross Value of Plant and Machinery 2-digit level of NIC code with illustration of industries in the years 2016-17 and 2017-18.

It is observed that the industry group (NIC Code 22) Manufacture of Rubber and Plastic products had the largest share in both the years 2016-17 and 2017-18 with Gross Value of Plant and Machinery of Rs.2,13,251 lakhs (30.78% of total) and Rs.1,95,875 lakhs (29.20% of total) in the years 2016-17 and 2017-18 respectively.

It is noticed that the second largest share in the gross value of Plant and Machinery was of the industry group (NIC Code 20) Manufacture of Chemicals and Chemical Products in both the years 2016-17 and 2017-18 with Rs.93,332 lakhs (3.47% of total) and Rs.1,07,477 lakhs (16.02% of total) respectively in the years 2016-17 and 2017-18.

The industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC group 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC Code 20) Manufacture of Chemicals and chemical products, industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, industry group (NIC Code 23) Manufacture of Non-metallic Mineral Products, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 27) Manufacture of Electrical Equipment, industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., industry group (NIC Code 32) Other Manufacturing, industry group (NIC Code Other) Other had shown an upward movement in Gross Value of Plant and Machinery during the year 2017-18 over the preceding year 2016-17.

The industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 13) Manufacture of Textiles, industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group

(NIC Code 22) Manufacture of Rubber and Plastic products, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products, industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers, industry group (NIC Code 30) Manufacture of Transport equipment, industry group (NIC Code 31) Manufacture of Furniture, had shown downward movement during the year 2017-18 over the previous year 2016-17.

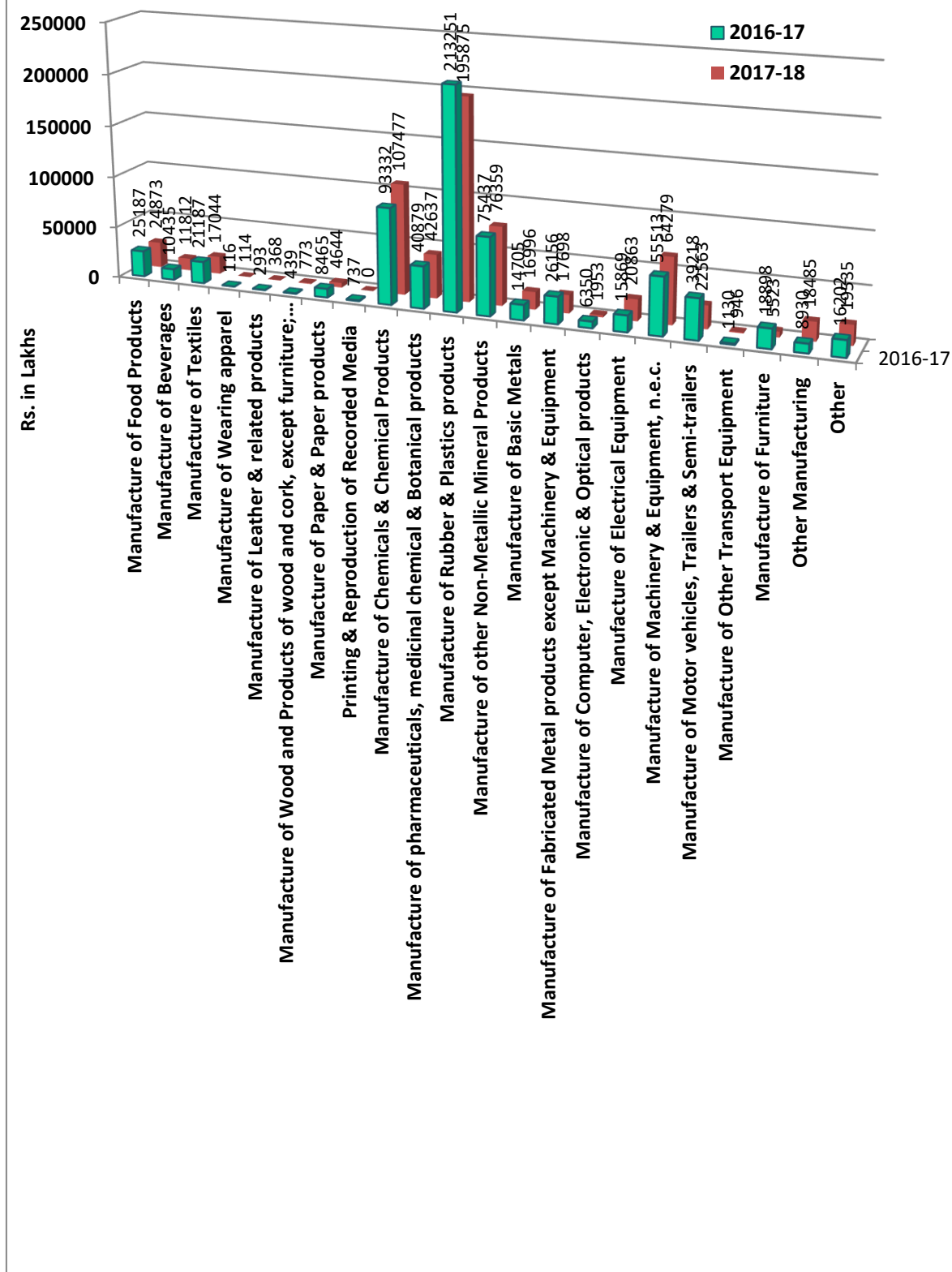
Overall, the Gross Value of Plant and Machinery has decreased by 3.16% in the year 2017-18 (Rs.6,70,819 lakhs) over the previous year 2016-17 (Rs.6,92,733 lakhs).

TABLE - 7

Distribution of Gross Value of Plant and Machinery (NIC-08: 2 digit) 2016-17 & 2017-18

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		G. V. of Plant & Machinery (₹ in lakh)	%	G. V. of Plant & Machinery (₹ in lakh)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	25187	3.64	24873	3.71	-1.24
11	Manufacture of Beverages	10435	1.51	11812	1.76	13.20
13	Manufacture of Textiles	21187	3.06	17044	2.54	-19.56
14	Manufacture of Wearing apparel	116	0.02	114	0.02	-1.78
15	Manufacture of Leather & related products	293	0.04	368	0.05	25.86
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	439	0.06	773	0.12	76.20
17	Manufacture of Paper & Paper products	8465	1.22	4644	0.69	-45.13
18	Printing & Reproduction of Recorded Media	737	0.11	0	0.00	-100.00
20	Manufacture of Chemicals & Chemical Products	93332	13.47	107477	16.02	15.16
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	40879	5.90	42637	6.36	4.30
22	Manufacture of Rubber & Plastics products	213251	30.78	195875	29.20	-8.15
23	Manufacture of other Non-Metallic Mineral Products	75437	10.89	76359	11.38	1.22
24	Manufacture of Basic Metals	14705	2.12	16996	2.53	15.58
25	Manufacture of Fabricated Metal products except Machinery & Equipment	26156	3.78	17698	2.64	-32.33
26	Manufacture of Computer, Electronic & Optical products	6350	0.92	1953	0.29	-69.24
27	Manufacture of Electrical Equipment	15869	2.29	20863	3.11	31.47
28	Manufacture of Machinery & Equipment, n.e.c.	55513	8.01	64279	9.58	15.79
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	39218	5.66	22563	3.36	-42.47
30	Manufacture of Other Transport Equipment	1130	0.16	946	0.14	-16.31
31	Manufacture of Furniture	18898	2.73	5523	0.82	-70.77
32	Other Manufacturing	8930	1.29	18485	2.76	106.99
Other	Other	16202	2.34	19535	2.91	20.57
	Total	692733	100.00	670819	100.00	-3.16

Distribution of Gross Value of Plant and Machinery: 2016-17 and 2017-18



7. Distribution of Total Output

Table-8 and the following Chart show the Distribution of Total Output at 2-digit level of NIC code with illustration of industries in the years 2016-17 and 2017-18

It is observed that the industry group (NIC Code 20) Manufacture of Chemicals and Chemical Products had recorded the largest share in the Total Output with Rs.4,75,771 lakhs (20.76% of total) in the year 2016-17 and the industry group (NIC Code 26) Manufacture of Computer, Electronic and Optical products had recorded the largest share in the Total Output with Rs.8,77,564 lakhs (28.25% of total) in the year 2017-18.

The industry group (NIC Code 26) Manufacture of Computer, Electronic and Optical products had scored the second largest share in the Total Output with Rs.2,79,429 lakhs (12.19% of total) in the year 2016-17 and the industry group (NIC Code 20) Manufacture of Chemicals and Chemical Products had scored the second largest share in the Total Output with Rs.4,47,415 lakhs (14.40% of total) in the year 2017-18.

The industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC group 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, industry group (NIC Code 22) Manufacture of Rubber and Plastic products, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products, industry group (NIC Code 27) Manufacture of Electrical Equipment, industry group (NIC Code 32) Other Manufacturing and the industry group (NIC Code Other) Other had shown increase in Total Output in 2017-18 over 2016-17.

The industry group (NIC Code 13) Manufacture of Textiles, industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group (NIC Code 20) Manufacture of Chemicals and chemical

products, industry group (NIC Code 23) Manufacture of Non-metallic Mineral Products, industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers, industry group (NIC Code 30) Manufacture of Transport equipment and the industry group (NIC Code 31) Manufacture of Furniture had shown downward movement in the value of Total Output in 2017-18 over 2016-17.

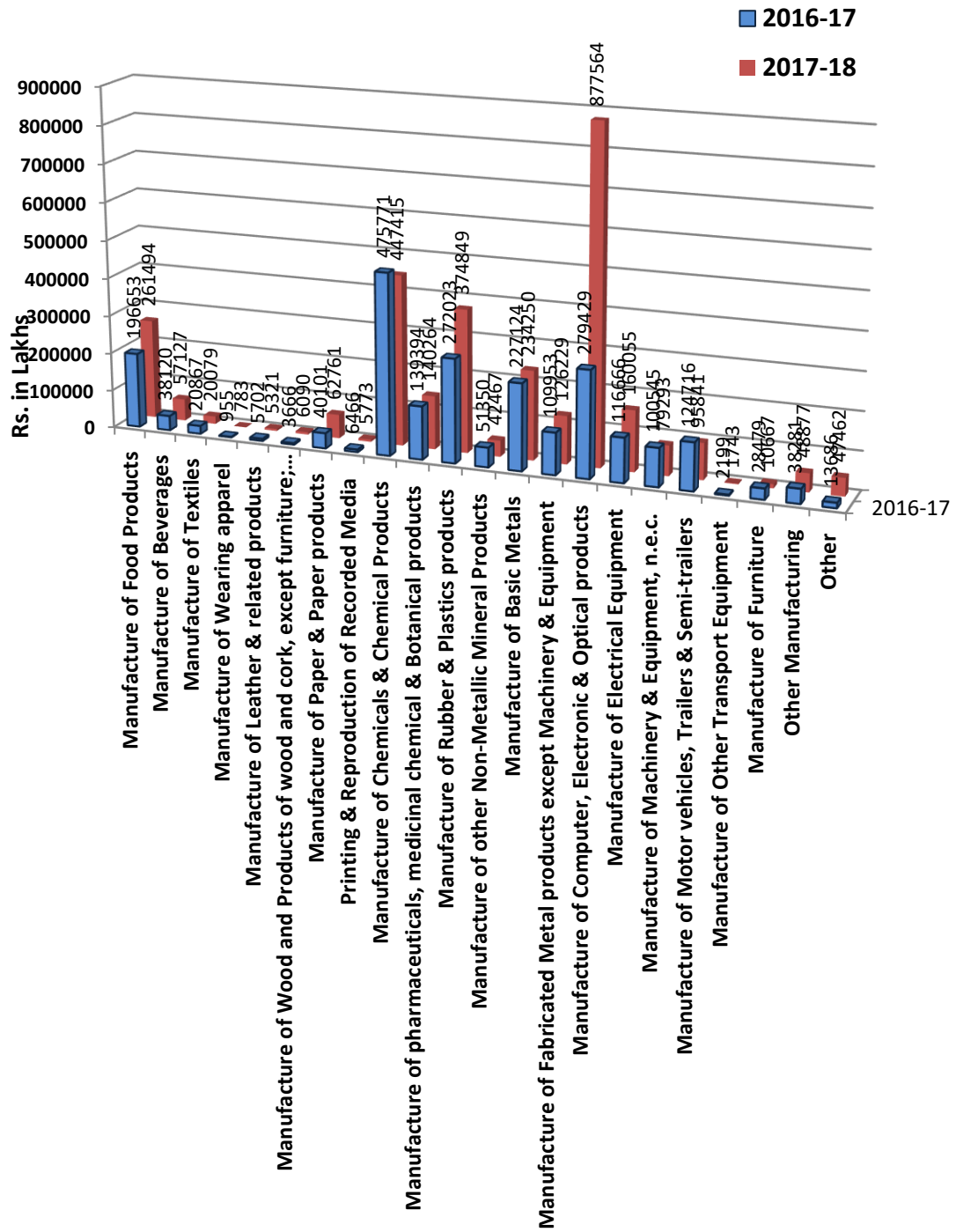
Overall, an increase of 35.52% is noticed in the value of Total Output in the year 2017-18 (Rs.31,06,404 lakhs) over the previous year 2016-17 (Rs.22,92,144 lakhs).

TABLE - 8

Distribution of Output (NIC-08: 2 digit) 2016-17 & 2017-18

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		Total Output (₹ in lakhs)	%	Total Output (₹ in lakhs)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	196653	8.58	261494	8.42	32.97
11	Manufacture of Beverages	38120	1.66	57127	1.84	49.86
13	Manufacture of Textiles	20867	0.91	20079	0.65	-3.78
14	Manufacture of Wearing apparel	955	0.04	783	0.03	-17.97
15	Manufacture of Leather & related products	5702	0.25	5321	0.17	-6.68
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	3666	0.16	6090	0.20	66.10
17	Manufacture of Paper & Paper products	40101	1.75	62761	2.02	56.51
18	Printing & Reproduction of Recorded Media	6466	0.28	5773	0.19	-10.72
20	Manufacture of Chemicals & Chemical Products	475771	20.76	447415	14.40	-5.96
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	139394	6.08	140264	4.52	0.62
22	Manufacture of Rubber & Plastics products	272023	11.87	374849	12.07	37.80
23	Manufacture of other Non-Metallic Mineral Products	51350	2.24	42467	1.37	-17.30
24	Manufacture of Basic Metals	227124	9.91	234250	7.54	3.14
25	Manufacture of Fabricated Metal products except Machinery & Equipment	109953	4.80	126229	4.06	14.80
26	Manufacture of Computer, Electronic & Optical products	279429	12.19	877564	28.25	214.06
27	Manufacture of Electrical Equipment	116666	5.09	160055	5.15	37.19
28	Manufacture of Machinery & Equipment, n.e.c.	100545	4.39	79293	2.55	-21.14
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	124716	5.44	95841	3.09	-23.15
30	Manufacture of Other Transport Equipment	2199	0.10	1743	0.06	-20.72
31	Manufacture of Furniture	28479	1.24	10667	0.34	-62.54
32	Other Manufacturing	38281	1.67	48877	1.57	27.68
Other	Other	13686	0.60	47462	1.53	246.80
	Total	2292144	100.00	3106404	100.00	35.52

Distribution of Output (NIC-08 2 digit): 2016-17 and 2017-18



8. Distribution of Gross Value Added

Table-9 and the following Chart show the Distribution of Gross Value Added at 2-digit level of NIC code with illustration of industries in the years 2016-17 and 2017-18.

It is observed from the table that the industry group (NIC Code 20) Manufacture of Chemicals and chemical products had the largest share of Gross Value Added in both the years 2016-17 and 2017-18. The share of Gross Value Added was Rs.1,84,094 lakhs (34.40% of total) in the year 2016-17 and it was Rs.1,67,221 lakhs (30.68% of total) in the year 2017-18.

The industry group (NIC Code 22) Manufacture of Rubber and plastic products had the second largest share of Gross Value Added in the year 2016-17 with Rs.80,993 lakhs (15.13% of total) and industry group (NIC Code 26) Manufacture of Computer, electronic and optical products had the second largest share of Gross Value Added in the year 2017-18 with Rs.60,327 lakhs (11.07% of total).

The industry group (NIC Code 13) Manufacture of Textiles, industry group (NIC group 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products, industry group (NIC Code 27) Manufacture of Electrical Equipment, industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers, industry group (NIC Code 31) Manufacture of Furniture, industry group (NIC Code 32) Other Manufacturing and the industry group (NIC Code Other) Other had shown an increasing trend in Gross Value Added in 2017-18 over 2016-17.

The industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC Code 20) Manufacture of Chemicals and chemical products, industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical

products, industry group (NIC Code 22) Manufacture of Rubber and Plastic products, industry group (NIC Code 23) Manufacture of Non-metallic Mineral Products, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment, industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., and the industry group (NIC Code 30) Manufacture of Transport equipment have shown a decreasing trend in Gross Value Added in 2017-18 over 2016-17.

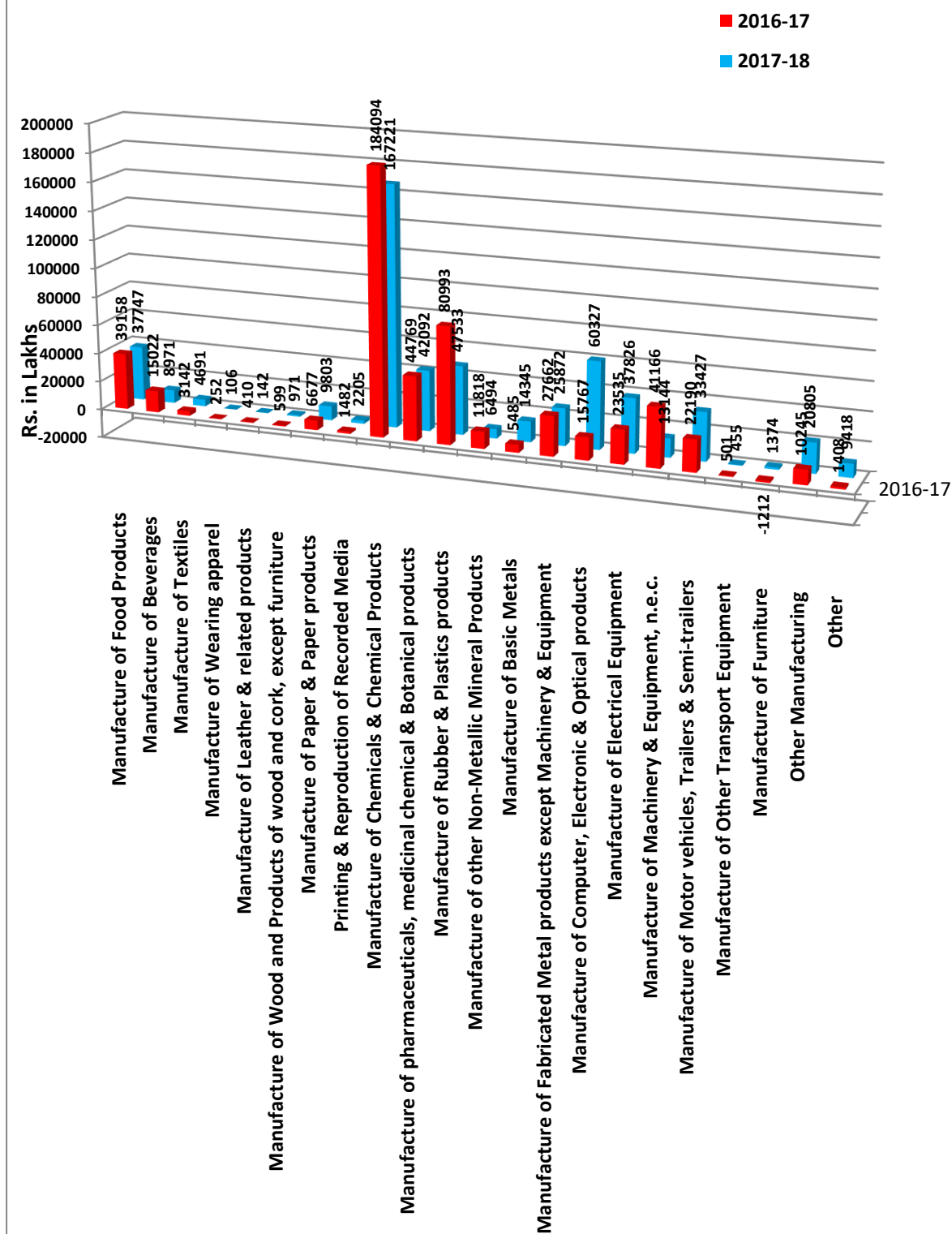
Overall, an increase of 1.83% was registered in Gross Value Added in 2017-18 (Rs.5,44,970 lakhs) over 2016-17 (Rs.5,35,164 lakhs).

TABLE - 9

Distribution of Gross Value Added (NIC-08: 2 digit) 2016-17 & 2017-18

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		G.V.A (₹ in lakhs)	%	G.V.A (₹ in lakhs)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	39158	7.32	37747	6.93	-3.60
11	Manufacture of Beverages	15022	2.81	8971	1.65	-40.28
13	Manufacture of Textiles	3142	0.59	4691	0.86	49.30
14	Manufacture of Wearing apparel	252	0.05	106	0.02	-57.86
15	Manufacture of Leather & related products	410	0.08	142	0.03	-65.38
16	Manufacture of Wood and Products of wood and cork, except furniture	599	0.11	971	0.18	62.09
17	Manufacture of Paper & Paper products	6677	1.25	9803	1.80	46.83
18	Printing & Reproduction of Recorded Media	1482	0.28	2205	0.40	48.79
20	Manufacture of Chemicals & Chemical Products	184094	34.40	167221	30.68	-9.17
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	44769	8.37	42092	7.72	-5.98
22	Manufacture of Rubber & Plastics products	80993	15.13	47533	8.72	-41.31
23	Manufacture of other Non-Metallic Mineral Products	11818	2.21	6494	1.19	-45.05
24	Manufacture of Basic Metals	5485	1.02	14345	2.63	161.51
25	Manufacture of Fabricated Metal products except Machinery & Equipment	27662	5.17	25872	4.75	-6.47
26	Manufacture of Computer, Electronic & Optical products	15767	2.95	60327	11.07	282.61
27	Manufacture of Electrical Equipment	23535	4.40	37826	6.94	60.72
28	Manufacture of Machinery & Equipment, n.e.c.	41166	7.69	13144	2.41	-68.07
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	22190	4.15	33427	6.13	50.64
30	Manufacture of Other Transport Equipment	501	0.09	455	0.08	-9.21
31	Manufacture of Furniture	-1212	-0.23	1374	0.25	213.38
32	Other Manufacturing	10245	1.91	20805	3.82	103.08
Other	Other	1408	0.26	9418	1.73	569.10
	Total	535164	100.00	544970	100.00	1.83

Distribution of Gross Value Added (NIC-08 2 digit): 2016-17 and 2017-18



9. Distribution of Net Value Added

Table-10 and the following Chart show the Distribution of Net Value Added at 2-digit level of NIC code with illustration of industries in the years 2016-17 and 2017-18.

It is observed from the table that in both the years 2016-17 and 2017-18, the industry group (NIC Code 20) Manufacture of Chemicals and chemical products had the largest share of Net Value added whose share is Rs.1,79,253 lakhs (36.69% of total) in the year 2016-17 and Rs.1,62,217 lakhs (33.65% of total) in the year 2017-18 respectively.

The industry group (NIC Code 22) Manufacture of Rubber and Plastic Products had the second largest share with the value of Net Value Added of Rs.67,778 lakhs (13.87% of total) in the year 2016-17 whereas in the year 2017-18, the industry group (NIC Code 26) Manufacture of Computer, Electronic and Optical products had the second largest share of Net Value Added with Rs.58,101 lakhs (12.05% of total).

The industry group (NIC Code 13) Manufacture of Textiles, industry group (NIC Code 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products, industry group (NIC Code 27) Manufacture of Electrical Equipment, industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers, industry group (NIC Code 31) Manufacture of Furniture, industry group (NIC Code 32) Other Manufacturing and industry group (NIC Code Other) Other had shown an increasing trend in Net Value Added in 2017-18 over 2016-17.

The industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC Code 20) Manufacture of Chemicals and chemical products, industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, industry group (NIC Code 22) Manufacture of Rubber and Plastic products,

industry group (NIC Code 23) Manufacture of Non-metallic Mineral Products, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment, industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., and the industry group (NIC Code 30) Manufacture of Transport equipment had shown downward trend in Net Value Added in 2017-18 over 2016-17.

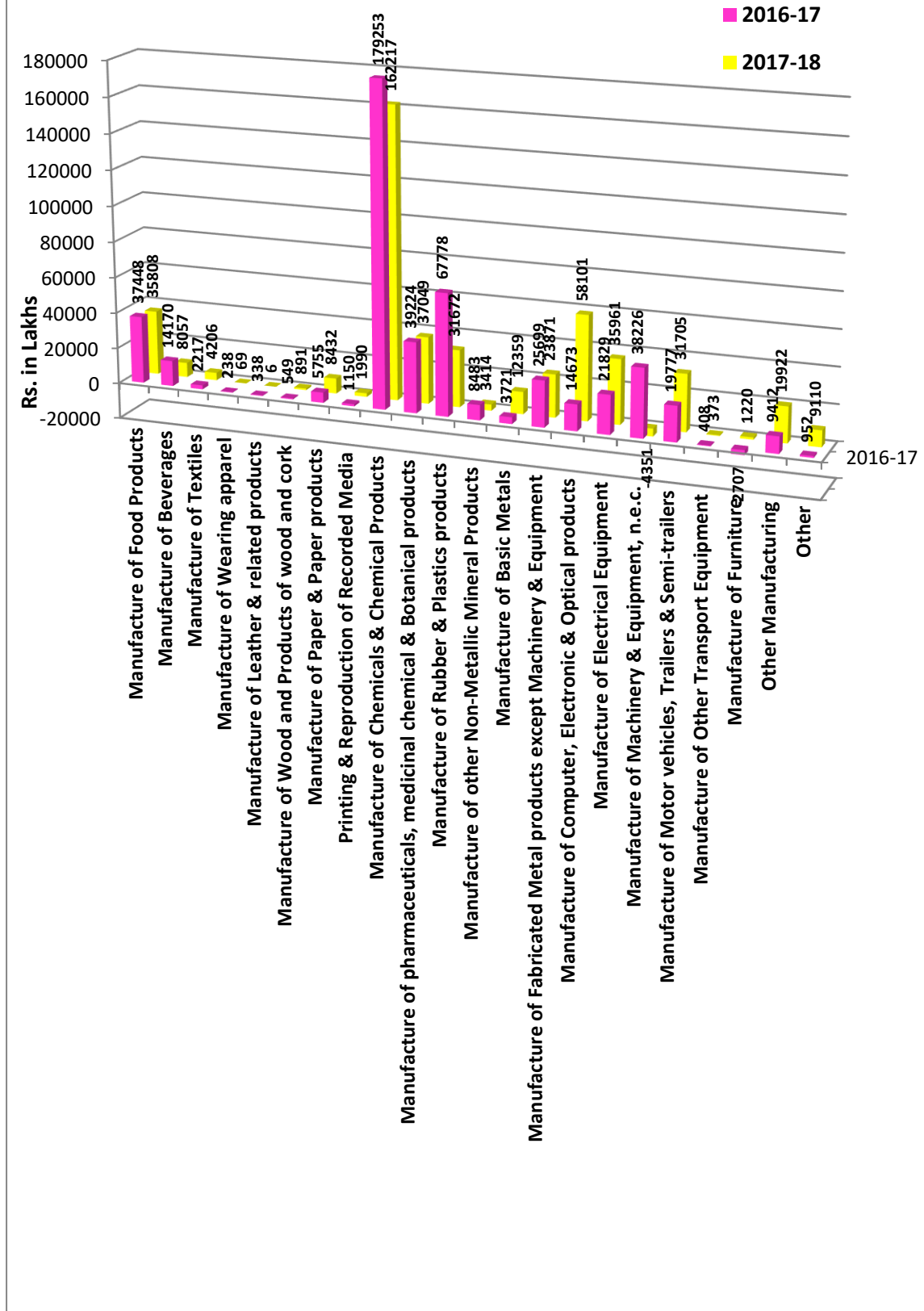
Overall, a meagre decrease of 1.33% was registered in Net Value Added in 2017-18 (Rs.4,82,082 lakhs) over 2016-17 (Rs.4,88,593 lakhs).

TABLE -10

Distribution of Net Value Added (NIC-08: 2 digit) 2016-17 & 2017-18

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		N.V.A (₹ in lakhs)	%	N.V.A (₹ in lakhs)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	37448	7.66	35808	7.43	-4.38
11	Manufacture of Beverages	14170	2.90	8057	1.67	-43.14
13	Manufacture of Textiles	2217	0.45	4206	0.87	89.73
14	Manufacture of Wearing apparel	238	0.05	69	0.01	-71.01
15	Manufacture of Leather & related products	338	0.07	6	0.00	-98.23
16	Manufacture of Wood and Products of wood and cork	549	0.11	891	0.18	62.35
17	Manufacture of Paper & Paper products	5755	1.18	8432	1.75	46.53
18	Printing & Reproduction of Recorded Media	1150	0.24	1990	0.41	73.08
20	Manufacture of Chemicals & Chemical Products	179253	36.69	162217	33.65	-9.50
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	39224	8.03	37049	7.69	-5.54
22	Manufacture of Rubber & Plastics products	67778	13.87	31672	6.57	-53.27
23	Manufacture of other Non-Metallic Mineral Products	8483	1.74	3414	0.71	-59.75
24	Manufacture of Basic Metals	3721	0.76	12359	2.56	232.17
25	Manufacture of Fabricated Metal products except Machinery & Equipment	25699	5.26	23871	4.95	-7.11
26	Manufacture of Computer, Electronic & Optical products	14673	3.00	58101	12.05	295.97
27	Manufacture of Electrical Equipment	21829	4.47	35961	7.46	64.74
28	Manufacture of Machinery & Equipment, n.e.c.	38226	7.82	-4351	-0.90	-
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	19777	4.05	31705	6.58	60.32
30	Manufacture of Other Transport Equipment	408	0.08	373	0.08	-8.61
31	Manufacture of Furniture	-2707	-0.55	1220	0.25	145.07
32	Other Manufacturing	9412	1.93	19922	4.13	111.66
Other	Other	952	0.19	9110	1.89	856.89
	Total	488593	100.00	482082	100.00	-1.33

**Distribution of Net Value Added (NIC-08 2 digit):
2016-17 and 2017-18**



10. Distribution of Gross Fixed Capital Formation (GFCF)

Table-11 and the following Chart show the Distribution of Gross Fixed Capital Formation at 2-digit level of NIC code with illustration of industries in the years 2016-17 and 2017-18.

It is observed from the table that the industry group (NIC code 20) Manufacture of Chemicals and chemical products had the largest share in the year 2016-17 to the tune of Rs.15,923 lakhs (23.65% of the total) while in the year 2017-18 the industry group (NIC Code 28) Manufacture of Machinery and equipment n.e.c., had the largest share to the tune of Rs.28,123 lakhs (30.52% of the total).

The second largest share in Gross Fixed Capital Formation was of the industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, in 2016-17 whereas the industry group (NIC Code 22) Manufacture of Rubber and Plastics products had the second largest share in 2017-18. Their shares were of the order of Rs.13,665 lakhs (20.30% of total) and Rs.23,936 lakhs (25.98% of the total) respectively.

The industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC group 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group (NIC Code 21) Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, industry group (NIC Code 22) Manufacture of Rubber and Plastic products, industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers and the industry group (NIC Code Other) Other had shown increasing trend in the year 2017-18 over 2016-17.

At the same time, the industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 13) Manufacture of Textiles, industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC Code 20) Manufacture of Chemicals and chemical products, industry

group (NIC Code 23) Manufacture of Non-metallic Mineral Products, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products, industry group (NIC Code 27) Manufacture of Electrical Equipment, industry group (NIC Code 30) Manufacture of Transport equipment, industry group (NIC Code 31) Manufacture of Furniture and the industry group (NIC Code 32) Other Manufacturing had shown decreasing trend in 2017-18 over 2016-17.

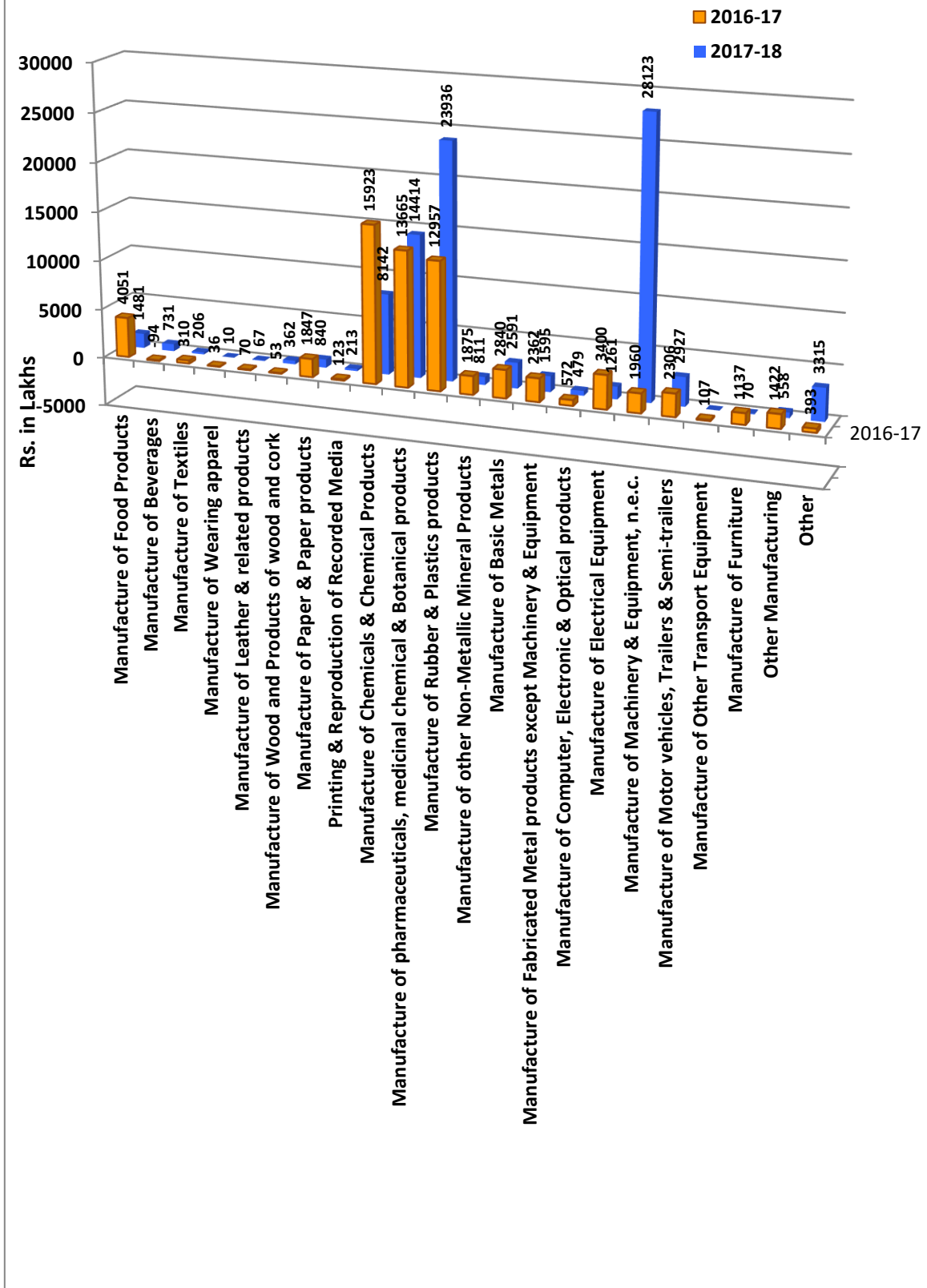
Overall, in total, an increase of 36.87% was recorded in Gross Fixed Capital Formation in the year 2017-18 (Rs.92,136 lakhs) over 2016-17 (Rs.67,317 lakhs).

TABLE - 11

**Distribution of Gross Fixed Capital Formation (GFCF) (NIC-08: 2 digit) for the years
2016-17 & 2017-18**

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		GFCF (₹ in lakhs)	%	GFCF (₹ in lakhs)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	4051	6.02	1481	1.61	-63.45
11	Manufacture of Beverages	-94	-0.14	731	0.79	879.35
13	Manufacture of Textiles	310	0.46	206	0.22	-33.61
14	Manufacture of Wearing apparel	36	0.05	10	0.01	-71.26
15	Manufacture of Leather & related products	70	0.10	67	0.07	-4.40
16	Manufacture of Wood and Products of wood and cork	53	0.08	362	0.39	580.54
17	Manufacture of Paper & Paper products	1847	2.74	840	0.91	-54.53
18	Printing & Reproduction of Recorded Media	123	0.18	213	0.23	72.50
20	Manufacture of Chemicals & Chemical Products	15923	23.65	8142	8.84	-48.87
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	13665	20.30	14414	15.64	5.48
22	Manufacture of Rubber & Plastics products	12957	19.25	23936	25.98	84.72
23	Manufacture of other Non-Metallic Mineral Products	1875	2.79	811	0.88	-56.76
24	Manufacture of Basic Metals	2840	4.22	2591	2.81	-8.79
25	Manufacture of Fabricated Metal products except Machinery & Equipment	2362	3.51	1595	1.73	-32.48
26	Manufacture of Computer, Electronic & Optical products	572	0.85	479	0.52	-16.19
27	Manufacture of Electrical Equipment	3400	5.05	1261	1.37	-62.90
28	Manufacture of Machinery & Equipment, n.e.c.	1960	2.91	28123	30.52	1334.90
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	2306	3.43	2927	3.18	26.94
30	Manufacture of Other Transport Equipment	107	0.16	7	0.01	-93.55
31	Manufacture of Furniture	1137	1.69	70	0.08	-93.80
32	Other Manufacturing	1422	2.11	558	0.61	-60.76
Other	Other	393	0.58	3315	3.60	742.77
	Total	67317	100.00	92136	100.00	36.87

Distribution of Gross Fixed Capital Formation GFCF) (NIC-08 2 digit):
2016-17 and 2017-18



11. Distribution of Profit

Table-12 and the following Chart show the Distribution of Profit at 2-digit level of NIC code with illustration of industries in the years 2016-17 and 2017-18.

It is observed from the table that the industry group (NIC Code 20) Manufacture of Chemicals and chemical products had recorded the largest share of profit in both the years 2016-17 and 2017-18. Its share of Profit was to the tune of Rs.1,84,958 lakhs (47.96% of total) and Rs.1,76,419 lakhs (48.84% of total) in the years 2016-17 and 2017-18 respectively.

The second highest share of profit was of the industry group (NIC Code 22) Manufacture of Rubber and plastic products in the year 2016-17 with the share of Rs.48,470 lakhs (12.57% of the total), whereas the industry group (NIC Code 26) Manufacture of Computer, Electronic and Optical products scores the second highest share of profit in the year 2017-18 with Rs.38,741 lakhs (10.72% of total).

The industry group (NIC group 16) Manufacture of Wood and products of wood and cork, except furniture, manufacture of articles of straw and plaiting materials, industry group (NIC Code 17) Manufacture of Paper and Paper products, industry group (NIC group 18) Printing and Reproduction of Recorded Media, industry group (NIC Code 24) Manufacture of Basic Metals, industry group (NIC Code 26) Manufacture of Computer, electronic and optical products, industry group (NIC Code 27) Manufacture of Electrical Equipment, industry group (NIC Code 29) Manufacture of Motor Vehicles, Trailers and semi-trailers, industry group (NIC Code 30) Manufacture of Transport equipment, industry group (NIC Code 31) Manufacture of Furniture, industry group (NIC Code 32) Other Manufacturing and the industry group (NIC Code Other) Other had shown positive achievement in profit making in the year 2017-18 over 2016-17.

The industry group (NIC Code 10) Manufacture of Food Products, industry group (NIC Code 11) Manufacture of Beverages, industry group (NIC Code 13) Manufacture of Textiles, industry group (NIC Code 14) Manufacture of Wearing Apparel, industry group (NIC Code 15) Manufacture of Leather & related products, industry group (NIC Code 20) Manufacture of Chemicals and chemical products, industry group (NIC Code 21)

Manufacture of Pharmaceuticals, medicinal, chemical and botanical products, industry group (NIC Code 22) Manufacture of Rubber and Plastic products, industry group (NIC Code 23) Manufacture of Non-metallic Mineral Products, industry group (NIC Code 25) Manufacture of Fabricated Metal products except Machinery and equipment and the industry group (NIC Code 28) Manufacture of Machinery and Equipment n.e.c., had shown a decreasing trend of profit in the year 2017-18 over 2016-17.

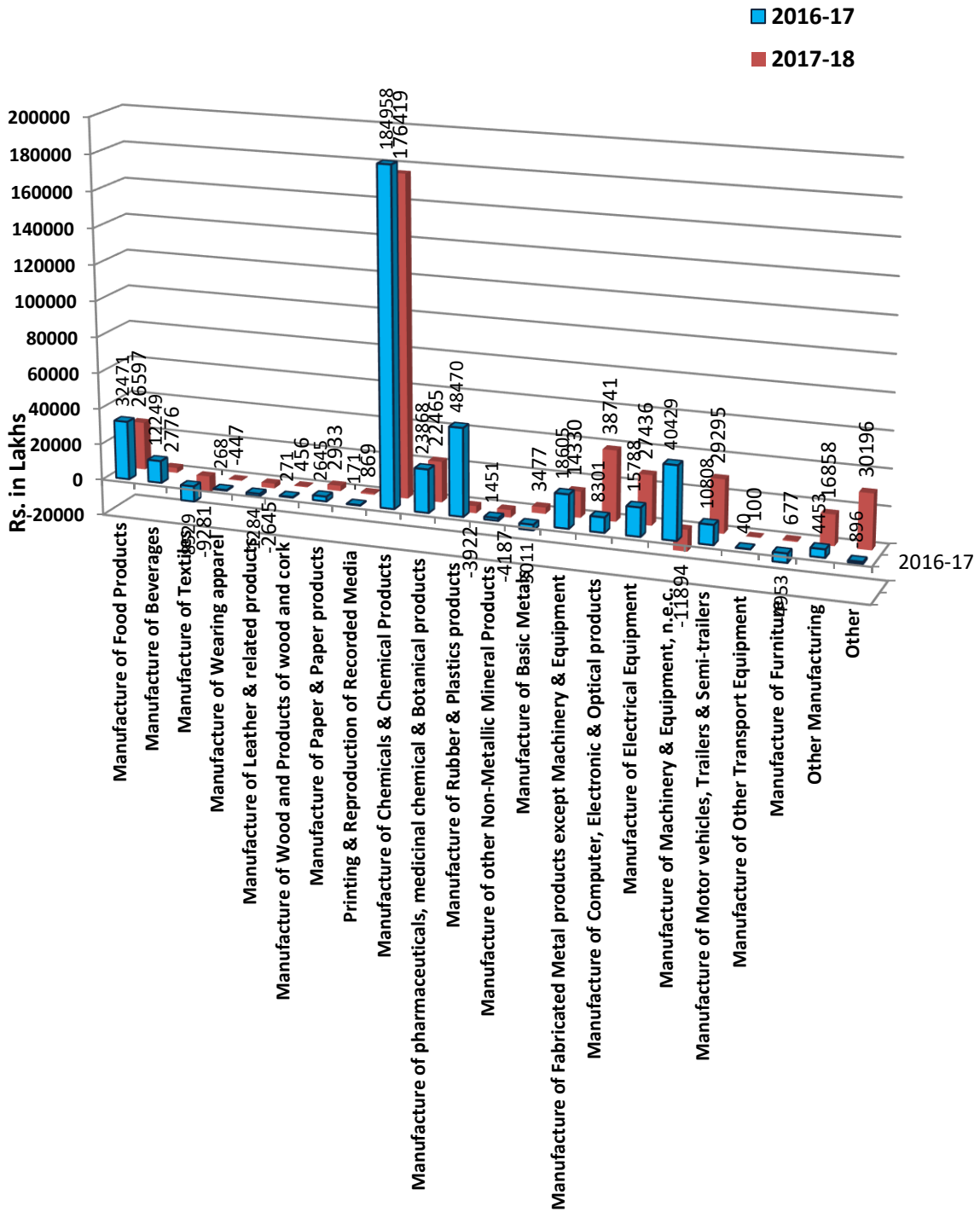
The overall profits earned by all the industry groups together were estimated at Rs.3,61,246 lakhs in 2017-18 as against Rs.3,85,691 lakhs in 2016-17 which reveals a decrease of 6.34%.

TABLE - 12

Distribution of Profit (NIC-08: 2 digit) for 2016-17 & 2017-18

NIC Code	Description of Industry Group	2016-17		2017-18		% (+) / (-) in 2017-18 over 2016-17
		Profit (₹ in lakhs)	%	Profit (₹ in lakhs)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	32471	8.42	26597	7.36	-18.09
11	Manufacture of Beverages	12249	3.18	2776	0.77	-77.34
13	Manufacture of Textiles	-8529	-2.21	-9281	-2.57	-8.81
14	Manufacture of Wearing apparel	-268	-0.07	-447	-0.12	-66.87
15	Manufacture of Leather & related products	-1284	-0.33	-2645	-0.73	-106.00
16	Manufacture of Wood and Products of wood and cork	271	0.07	456	0.13	68.19
17	Manufacture of Paper & Paper products	2645	0.69	2933	0.81	10.88
18	Printing & Reproduction of Recorded Media	-171	-0.04	869	0.24	608.92
20	Manufacture of Chemicals & Chemical Products	184958	47.96	176419	48.84	-4.62
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	23868	6.19	22465	6.22	-5.88
22	Manufacture of Rubber & Plastics products	48470	12.57	-3922	-1.09	-108.09
23	Manufacture of other Non-Metallic Mineral Products	1451	0.38	-4187	-1.16	-388.50
24	Manufacture of Basic Metals	-3011	-0.78	3477	0.96	215.46
25	Manufacture of Fabricated Metal products except Machinery & Equipment	18605	4.82	14330	3.97	-22.98
26	Manufacture of Computer, Electronic & Optical products	8301	2.15	38741	10.72	366.71
27	Manufacture of Electrical Equipment	15788	4.09	27436	7.59	73.78
28	Manufacture of Machinery & Equipment, n.e.c.	40429	10.48	-11894	-3.29	-129.42
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	10808	2.80	29295	8.11	171.06
30	Manufacture of Other Transport Equipment	40	0.01	100	0.03	154.01
31	Manufacture of Furniture	-4953	-1.28	677	0.19	113.67
32	Other Manufacturing	4453	1.15	16858	4.67	278.54
Other	Other	-896	-0.23	30196	8.36	3468.91
	Total	385691	100.00	361246.9	100.00	-6.34

Distribution of Profit (GFCP) (NIC-08 2 digit): 2016-17 and 2017-18



12. Distribution of Employees and their Salary and Wages

Table-13 and 14 and the following charts show the Distribution of Employees and their salaries and wages in the year 2016-17 and 2017-18.

The industry group (NIC group 22) Manufacture of Rubber and Plastic products had the maximum number of employees in both the years 2016-17 and 2017-18.

In 2016-17 it had 8,573 number of employees in which workers were 6,234 in number and the rest 2,340 employees were managerial, supervisory and other employees and their wages and salaries including bonus was Rs.20,438 lakhs, while in the year 2017-18, it had 10,648 employees in which workers were 8,327 in number and the rest 2,322 employees were managerial, supervisory and other employees. Their wages and salaries including bonus was 21,003 lakhs.

Overall, in the year 2016-17, there were 47,249 employees engaged in various activities in which 37,894 workers, 4,528 Supervisory & Managerial staff, 6,263 other employees and 113 unpaid family members, proprietors etc. The emoluments received per worker, per supervisory and managerial staff and per other-employee were estimated at Rs.1,49,285, Rs.9,51,198 and Rs.2,79,859 respectively during 2016-17. Similarly, in the year 2017-18, there were 54,934 employees engaged in various activities, in which 42,102 workers, 4,655 Supervisory & managerial staff, 9,047 other employees and 247 unpaid family members, proprietors etc. The emoluments received per worker, per supervisory & managerial staff and per other-employee were estimated at Rs.1,45,820, Rs.9,96,873 and Rs.4,42,027 respectively during 2017-18.

The increase in number of persons employed in all the factories was observed by 16.26% and the increase in their total wages and salaries including bonus were observed to be 28.84% in 2017-18 over 2016-17.

TABLE - 13

Distribution of Wages/Salaries to Workers/Employees (NIC-08: 2 digit) for 2016-17

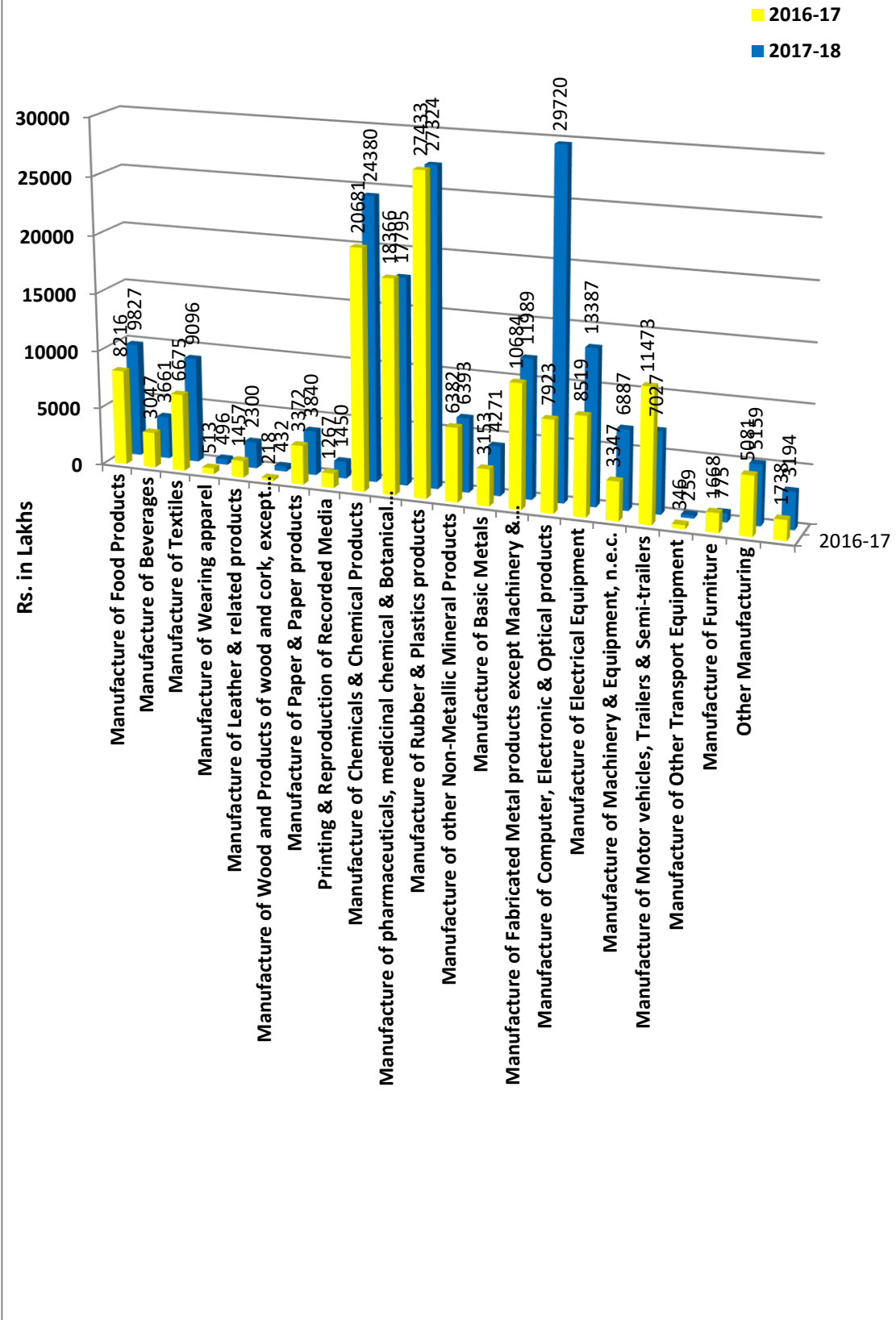
NIC Code	Description of Industries	No. of Workers	Wages to Workers (in lakh)	No. of Employees other than Workers	Wages and Salaries (in lakhs)	Wages including Bonus (in lakh)	Total Emoluments (in lakhs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10	Manufacture of Food Products	1841	2978	939	6061	5820	8216
11	Manufacture of Beverages	668	1186	166	2426	2379	3047
13	Manufacture of Textiles	2589	3766	306	4984	4890	6675
14	Manufacture of Wearing apparel	222	193	133	428	396	513
15	Manufacture of Leather & related products	682	664	173	934	929	1457
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	73	61	17	182	175	218
17	Manufacture of Paper & Paper products	1944	1531	262	2420	2317	3372
18	Printing & Reproduction of Recorded Media	399	670	60	946	929	1267
20	Manufacture of Chemicals & Chemical Products	4434	8580	1188	16251	15397	20681
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	2521	3806	1547	13573	13193	18366
22	Manufacture of Rubber & Plastics products	6234	11106	2340	21436	20438	27433
23	Manufacture of other Non-Metallic Mineral Products	2258	2967	519	5135	4806	6382
24	Manufacture of Basic Metals	1222	1259	313	2365	2280	3153
25	Manufacture of Fabricated Metal products except Machinery & Equipment	2773	5538	450	8995	8476	10684
26	Manufacture of Computer, Electronic & Optical products	1062	1245	342	5991	6019	7923
27	Manufacture of Electrical Equipment	1596	2565	445	6694	6214	8519
28	Manufacture of Machinery & Equipment, n.e.c.	744	1088	257	2163	2116	3347
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	4072	4143	520	9222	8828	11473
30	Manufacture of Other Transport Equipment	147	118	41	265	261	346
31	Manufacture of Furniture	822	865	118	1302	1229	1668
32	Other Manufacturing	1260	1570	419	4041	3880	5081
Other	Other	333	670	238	1345	1295	1738
	Total	37894	56570	10791	117166	112267	151560

TABLE - 14

Distribution of Wages/Salaries to Workers/Employees (NIC-08: 2 digit) for 2017-18

NIC Code	Description of Industries	No. of Workers	Wages to Workers (in lakh)	No. of Employees other than Workers	Wages and Salaries (in lakhs)	Wages & salaries including Bonus (in lakh)	Total Emoluments (in lakhs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10	Manufacture of Food Products	1863	3456	1043	7104	6952	9827
11	Manufacture of Beverages	704	1403	180	2707	2769	3661
13	Manufacture of Textiles	2493	3723	1117	6274	6417	9096
14	Manufacture of Wearing apparel	179	173	129	412	395	496
15	Manufacture of Leather & related products	1169	879	245	1664	1713	2300
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	94	99	15	381	365	432
17	Manufacture of Paper & Paper products	2161	1660	366	2907	2858	3840
18	Printing & Reproduction of Recorded Media	317	686	69	1147	1120	1450
20	Manufacture of Chemicals & Chemical Products	6031	10606	1061	19165	18806	24380
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	2174	3452	1526	14030	13703	17795
22	Manufacture of Rubber & Plastics products	8327	12207	2322	21680	21003	27324
23	Manufacture of other Non-Metallic Mineral Products	3058	2901	616	4993	4868	6393
24	Manufacture of Basic Metals	1503	1630	380	3420	3425	4271
25	Manufacture of Fabricated Metal products except Machinery & Equipment	2361	4192	485	8167	7916	11989
26	Manufacture of Computer, Electronic & Optical products	1297	2121	2059	25897	24797	29720
27	Manufacture of Electrical Equipment	2330	3676	635	10480	10445	13387
28	Manufacture of Machinery & Equipment, n.e.c.	1222	1955	444	4925	4889	6887
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	2367	3064	296	5252	5089	7027
30	Manufacture of Other Transport Equipment	44	99	28	197	206	259
31	Manufacture of Furniture	209	359	59	578	614	775
32	Other Manufacturing	1857	2234	347	3970	3900	5159
Other	Other	345	819	285	2439	2395	3194
	Total	42102	61393	13702	147787	144643	189662

Distribution of Total Emoluments (NIC-08 2 digit):
2016-17 and 2017-18



Working steps for Pooling of ASI data for ASI 2017-18

Pooling of central and state level ASI data for publishing district level estimates is an important activity that need to be performed by each State/UT. Following guidelines provide mechanism for pooling of state and central data at district level in ASI 2017-18.

As per ASI sampling design, adopted in ASI 2017-18:

- (a) The entire census units (i.e. which are completely enumerated, say, c) of a State/UT *plus* all the units from sub-sample 1(say, n_1) and sub-sample 3(say, n_3) in each sample stratum of the State/UT, for which data is collected by NSSO (FOD) and processed by CSO(ISW), are treated as the **Central Sample** for that State/UT.
- (b) The entire census units of a State/UT plus all the units from sub-sample 2(say, n_2) and sub-sample 4 (say, n_4) in each sample stratum of the State/UT, for which data is collected and processed by State/UT, are treated as the **State Sample**.
- (c) The entire census units of a State/UT plus all the units under the 4 sub-samples belonging to the State/UT are treated as the **Pooled Sample** for that State/UT.

For Census units:

Step 1: The multiplier for all the census units(say, c) are 1.

For Sample units (i.e. which are surveyed through different sub-samples):

Step 2: For the purpose of calculation of multipliers of the remaining sample units ($n_1+n_2+n_3+n_4$) belonging to 4 sub-samples, strata may be formed on the basis of **District x Sector x 4-digit Frame NIC**.

Step 3: Check the sub-sample codes (1/2/3/4), provided by CSO(ISW), for each of the ($n_1+n_2+n_3+n_4$) sample units (i.e. each unit will have one of the sub-sample codes 1,2,3 or 4).

Step 4: Get the frame size(for the sample sector), say N, for each of these sample strata, from the column 'cap_n' in the excel file named '*<statename>1314.xls*', provided by CSO(ISW) in the CD .

Step 5: Calculate sub-sample wise multiplier in each sample stratum of ith district (say, m_{ijk}) $m_{ijk} = (N/n_{ijk}^*)$, where n_{ijk}^* , the no. of sample units in the kth sub-sample of jth stratum of ith district, to be obtained for each sub-sample by counting the number of sample units with status code (given in Block A item 12) 1,2,3,4,6,9. In this context, the treatment of different status code is as follows:

If A12=1,2,3 then the unit is treated as 'Surveyed case'
 If A12=4,6,9 then the unit is treated as 'Zero case'
 If A12=5,7,8 then the unit is treated as 'Non-response'

Note that

- A closed unit may be given status code as '2' (closed) if the closed factory has at least A,B,C and E block.
- An NOP unit may be given status code as '3' (NOP) if the NOP factory has at least A,B and C block.
- Non-response units (i.e. units with status code 5,7,8 in current year) may be searched in last year for imputation. If available as open unit(i.e. with status code 1) in last year , then all the blocks may be borrowed from last year and in that case the unit may be treated as surveyed unit.

Only surveyed and zero cases are taken for calculating multiplier. That is, n_{ijk}^* , for each sub-sample, will count only the surveyed and zero cases of that sub-sample.

Step 6: The unit wise data for estimating the parameters for c census units and (n_1+n_3) sample units pertaining to central sample will be provided by CSO (ISW). The individual State/UT need to determine the unit wise parameters for (n_2+n_4) sample units using the data collected by them (on the basis of state sample). In all cases the parameters are to be calculated as per the tabulation programme (Annexure VIII) given in the instruction manual.

Step 7: Let y_{il}^c = observed value of parameter y from l -th census unit in i -th district. (To be calculated from the data supplied by CSO (ISW)).

y_{ijkl}^s is the observed value of parameter y from l^{th} sample unit belonging to k^{th} sub-sample of j^{th} stratum of i th district. Here, y_{ijkl}^s values for $k=1$ and 3 (i.e., sub-sample 1 and 3) are to be calculated from the data supplied by CSO (ISW) and for $k=2$ and 4 (i.e., sub-sample 2 and 4) are to be calculated from the data collected by the State/UT following instruction manual.

Step 8: Pooled stratum level estimator

Pooled estimator for j -th stratum of the i th district from k -th sub-sample(say, t_{ijk})=

$$\sum_l y_{ijkl}^s \times m_{ijk}, \quad k=1,2,3,4$$

where m_{ijk} is the multiplier of k -th sub-sample in j -th stratum of i th district (obtained as per step 5).

Next, **pooled estimator of parameter y for j -th stratum of i th district** (say, S_{ij}) = $\frac{1}{n} \sum_{k=1}^n t_{ijk}$, where n (≤ 4) is number of non-void subsamples in j -th stratum. While calculating the pooled

estimates, please keep in mind the value of 'n'. The value of 'n' will be decided on the basis of non-void sub-samples.

Pooled estimator of variance of the parameter y for j-th stratum of ith district (say, V_{ij})=

$$\frac{1}{n(n-1)} \sum_{k=1}^n (t_{ijk} - \bar{t}_{ij})^2$$

where, $\bar{t}_{ij} = \frac{1}{n} \sum_{k=1}^n t_{ijk}$ (Note that, $S_{ij} = \bar{t}_{ij}$)

Step 9: Pooled District level estimator

Pooled estimator of parameter y for i-th district (say, T_i) = $\sum_j S_{ij} + \sum_l y_{il}^c$. The 1st part i.e.,

$\sum_j S_{ij}$, will come from stratum-level figure for ith district and the 2nd part, i.e., $\sum_l y_{il}^c$, will come

from census units for i-th district.

Estimator of Variance of the pooled estimator of parameter y for i-th district (say, D_i) =

$$\sum_j V_{ij}$$

Estimator of the Relative Standard Error (RSE) of the pooled estimator of parameter y for i-th district

$$= [(\sqrt{D_i})/T_i] \times 100.$$

Step 10: Pooled State level estimator

Finally, **pooled estimator of parameter y for the state (say, T)= $\sum_i T_i$** and the pooled estimator

of variance of parameter y for the state (say, D) will be $\sum_i D_i$.

Estimator of the Relative Standard Error (RSE) of the pooled estimator of parameter y for the state = $[(\sqrt{D})/T] \times 100$.

Note: In the above, any parameter y stands for total of that parameter.

ANNUAL SURVEY OF INDUSTRIES - PUDUCHERRY

POOLING OF ASI 2016-17 RESULTS

Sl. No.	Description	Unit	Districts				Total
			Yanam	Puducherry	Mahe	Karaikal	
1	Factories in Operation	No.	34	545	11	27	616
2	Fixed Capital	Rs. In Lakhs	3180	428393	1072	29285	461929
3	Working Capital	Rs. In Lakhs	5833	242281	-7623	13604	254095
4	No. of workers	No.	483	35149	403	1859	37894
5	Total Persons employed	No.	597	43964	450	2238	47249
6	Wages to workers	Rs. In Lakhs	521	53526	771	1752	56570
7	Total Emoluments	Rs. In Lakhs	771	107465	972	3060	112267
8	Total Input	Rs. In Lakhs	23758	1673073	9383	50767	1756980
9	Total Output	Rs. In Lakhs	26870	2187200	10367	67706	2292144
10	GVA	Rs. In Lakhs	3113	514128	983	16940	535164
11	Depreciation	Rs. In Lakhs	383	43308	445	2435	46570
12	NVA	Rs. In Lakhs	2730	470820	538	14505	488593

ANNUAL SURVEY OF INDUSTRIES - PUDUCHERRY

POOLING OF ASI 2017-18 RESULTS

Sl. No.	Description	Unit	Districts				Total
			Yanam	Puducherry	Mahe	Karaikal	
1	Factories in Operation	No.	38	605	11	24	678
2	Fixed Capital	Rs. In Lakhs	5314	439412	1102	28366	474194
3	Working Capital	Rs. In Lakhs	4420	411695	-13060	17769	420823
4	No. of workers	No.	429	39371	457	1846	42102
5	Total Persons employed	No.	548	51538	515	2332	54934
6	Wages to workers	Rs. In Lakhs	530	58310	773	1780	61393
7	Total Emoluments	Rs. In Lakhs	816	139455	1047	3324	144643
8	Total Input	Rs. In Lakhs	40171	2452839	12087	56337	2561434
9	Total Output	Rs. In Lakhs	43615	2987405	13127	62257	3106404
10	GVA	Rs. In Lakhs	3444	534566	1040	5920	544970
11	Depreciation	Rs. In Lakhs	386	60296	114	2093	62888
12	NVA	Rs. In Lakhs	3058	474270	926	3828	482082

Annexure - I

Capitals, Employed, Input, Output and GVA at Industry (NIC-08: 2-digit) (Wages in ₹ in Lakhs, Others in Number)

Year: 2016-17

NIC CODE	Factories in Operation	Fixed Capital	Physical Working Capital	Working Capital	Invested Capital	Gross Value of Addition to Fixed Capital	Rent paid for Fixed Assets	Outstanding Loan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
10	50	19523	22916	6518	45804	4096	424	11663
11	12	6296	11641	16053	19021	439	63	3016
13	25	36221	3801	-37680	46264	364	222	7895
14	3	210	284	-85	530	36	0	180
15	11	788	1676	2374	2600	92	109	884
16	6	416	1594	683	2081	72	7	747
17	58	8011	4457	2345	13848	2048	52	3980
18	17	1531	550	341	2345	123	144	613
20	86	70641	29863	27462	112678	22072	802	9668
21	51	49526	16598	41244	74658	14014	467	4372
22	101	99091	38557	94631	154726	48273	240	6643
23	24	35331	22292	-7153	63714	2733	121	3962
24	34	15248	30221	25525	48097	2840	133	19226
25	29	18060	18856	5250	40029	2431	53	4363
26	15	4263	34463	8045	39460	575	773	190
27	19	14683	13706	24544	30919	3565	584	5174
28	17	24772	5206	9073	34247	1971	38	1351
29	19	28502	14772	23360	48186	2447	41	562
30	6	945	543	-278	1650	107	2	224
31	5	5549	3810	1481	10316	1516	24	9
32	20	15239	15384	9632	33249	1616	194	9275
Other	12	7081	622	733	8922	378	242	1128
Total	616	461929	291811	254095	833347	111807	4734	95124

Annexure -I (Contd.)

Capitals, Employed, Input, Output and GVA at Industry
(NIC-08:2 Digit) (Wages in ₹ Lakhs, Others in Number)

Year: 2016-17

NIC CODE	Interest paid	Rent Received for Fixed Assets	Interest Received	Gross Value of Plant & Machinery	Value of Products & By-products	Total Output	Fuels Consumed	Materials Consumed
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
10	2109	54	128	25187	215657	196653	3557	163891
11	1060	2	132	10435	41732	38120	174	18769
13	4251	0	71	21187	21741	20867	3575	13997
14	32	0	2	116	864	955	17	390
15	112	0	5	293	5729	5702	60	3303
16	209	1	73	439	4029	3666	118	2973
17	597	16	36	8465	43961	40101	1914	29534
18	102	16	5	737	4174	6466	132	3748
20	1068	1	1507	93332	473601	475771	15193	261627
21	2459	0	84	40879	129974	139394	6829	69655
22	2350	0	600	213251	294882	272023	14328	170299
23	1883	0	88	75437	44907	51350	11798	21839
24	4498	1	497	14705	134429	227124	20079	102942
25	393	1	201	26156	119073	109953	2881	77879
26	98	0	234	6350	214162	279429	488	200997
27	537	38	303	15869	101130	116666	971	76620
28	119	2	0	55513	111689	100545	347	62719
29	530	43	83	39218	129982	124716	2074	106523
30	90	0	9	1130	2367	2199	79	1548
31	197	12	33	18898	30998	28479	1292	26845
32	1322	6	228	8930	24789	38281	507	16545
Other	341	1	329	16202	109	13686	159	140
Total	24359	193	4649	692733	2149980	2292144	86572	1432782

Annexure -I (Contd.)

Capitals, Employed, Input, Output and GVA at Industry
(NIC-08:2 Digit) (Wages in ₹ Lakhs, Others in Number)

Year: 2016-17

NIC CODE	Total Inputs	Gross Value Added	Depreciation	Net Value Added	Net Fixed Capital Formation	Gross Fixed Capital Formation	Addition in Stock of Materials, Fuels etc., semi-finished and finished goods	(a) Materials, Fuels etc.
(1)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
10	157799	39158	1710	37448	1871	4051	6148	3071
11	22822	15022	852	14170	-1154	-94	588	987
13	17803	3142	925	2217	-770	310	-407	222
14	702	252	14	238	19	36	59	-19
15	5333	410	72	338	-16	70	14	-69
16	3079	599	50	549	-8	53	535	661
17	33545	6677	922	5755	751	1847	-279	-90
18	4986	1482	332	1150	-267	123	0	-15
20	288390	184094	4841	179253	9347	15923	414	-1524
21	94074	44769	5546	39224	7046	13665	1773	784
22	190243	80993	13215	67778	-2674	12957	8598	6878
23	39539	11818	3336	8483	-2023	1875	218	616
24	223778	5485	1765	3721	783	2840	-3173	2210
25	82202	27662	1963	25699	-46	2362	-1145	-47
26	265889	15767	1094	14673	-771	572	-5668	-6895
27	93298	23535	1706	21829	1310	3400	1396	428
28	58583	41166	2940	38226	-1646	1960	746	326
29	102838	22190	2414	19777	-589	2306	2941	2261
30	1698	501	93	408	-3	107	-89	-89
31	30045	-1212	1495	-2707	-574	1137	349	151
32	27977	10245	832	9412	409	1422	-4114	-6066
Other	12359	1408	456	952	-138	393	-49	-40
Total	1756980	535164	46571	488593	10857	67317	8853	3741

Annexure-I (Concl.)

Capitals, Employed, Input, Output and GVA at Industry
(NIC-08:2 Digit) (Wages in ₹ Lakhs, Others in Number)

Year: 2016-17

NIC CODE	(b) Semi-Finished Goods	(c) Finished Goods	Gross Capital Formation	Net Income	Profits	No. of persons Engaged (no)	workers	Directly Employed
(1)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
10	333	2743	9013	40687	32471	2673	1841	1606
11	-156	-243	437	15296	12249	810	668	519
13	16	-644	-85	-1854	-8529	2839	2589	2759
14	45	33	85	244	-268	340	222	234
15	-33	115	75	173	-1284	829	682	701
16	-122	-5	519	488	271	88	73	80
17	-234	45	1384	6015	2645	2158	1944	1357
18	14	1	109	1097	-171	481	399	353
20	-259	2196	14439	205638	184958	5451	4434	3399
21	266	723	13644	42233	23868	3881	2521	1737
22	1585	136	19050	75904	48470	8279	6234	4126
23	452	-850	1851	7833	1451	2703	2258	1082
24	-1753	-3629	-295	142	-3011	1490	1222	925
25	1841	-2939	1076	29290	18605	3157	2773	1308
26	-140	1367	-4505	16224	8301	1358	1062	756
27	375	592	4237	24307	15788	1981	1596	1220
28	12	408	2390	43776	40429	971	744	401
29	166	514	4637	22281	10808	4495	4072	3480
30	0	0	16	384	40	183	147	98
31	70	128	1313	-3285	-4953	919	822	138
32	15	1937	-2379	9534	4453	1622	1260	1341
Other	0	-9	305	842	-896	543	333	266
Total	2492	2620	67317	537250	385691	47249	37894	27880

Annexure-II

Employment, Man-days employed & Emoluments paid in Factory Sector (NIC-08: 2-digit) (Wages in Lakhs, Others in Number)

Year: 2016-17

NIC CODE	Men	Women	Employed through Contractors	Employees Other than Workers	Supervisory & Managerial staff	Other Employees	Unpaid family members/proprietor, etc	Total Mandays Employed (in '000)
(1)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)
10	1376	231	431	939	159	780	15	966
11	430	89	220	166	97	69	0	272
13	2313	446	105	306	113	193	5	965
14	36	198	11	133	21	112	1	114
15	137	564	53	173	50	123	0	279
16	78	2	0	17	12	5	1	28
17	906	451	792	262	160	102	0	729
18	302	51	89	60	21	38	37	162
20	2389	1009	1504	1188	578	610	1	1847
21	1286	451	1051	1547	388	1160	2	1388
22	3627	498	2769	2340	1205	1135	20	2982
23	916	166	1416	519	244	275	5	946
24	875	50	427	313	145	168	1	506
25	1197	111	1760	450	275	175	11	1069
26	450	306	418	342	185	157	1	451
27	818	401	546	445	206	240	5	662
28	384	17	422	257	103	154	7	294
29	2426	1055	1025	520	249	271	0	1525
30	89	9	64	41	28	12	1	61
31	116	21	771	118	52	66	1	310
32	830	511	53	419	162	258	0	546
Other	243	23	103	238	77	162	1	183
Total	21221	6660	14032	10791	4528	6263	113	16286

Annexure -II (Conld.)

Employment, Man-days employed & Emoluments paid in Factory Sector (NIC-08: 2-digit) (Wages in Lakhs, Others in Number)

Year: 2016-17

NIC CODE	Wages and Salaries including Employers' contribution (Lakhs) TOTAL EMOL.	Wages and Salary including Bonus	Wages and Salaries	Wages to Workers	Supervisory & Managerial staff	Other Employees	Bonus to all Staff	Employers' contribution
(1)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)
10	8216	5820	6054	2978	1434	1642	316	1470
11	3047	2379	2424	1186	996	243	183	290
13	6675	4890	4813	3766	459	589	380	1008
14	513	396	430	193	109	129	5	54
15	1457	929	908	664	136	109	86	380
16	218	175	186	61	121	3	9	16
17	3372	2317	2374	1531	677	166	118	686
18	1267	929	919	670	196	54	73	190
20	20681	15397	16159	8580	6062	1517	606	2835
21	18366	13193	13919	3806	4709	5405	892	3075
22	27433	20438	21341	11106	8705	1529	949	3745
23	6382	4806	5073	2967	1727	379	123	812
24	3153	2280	2351	1259	791	301	133	511
25	10684	8476	8844	5538	2743	563	281	860
26	7923	6019	6199	1245	4380	574	621	947
27	8519	6214	6777	2565	2762	1450	101	1317
28	3347	2116	2157	1088	845	224	158	894
29	11473	8828	9261	4143	4366	752	450	1242
30	346	261	267	118	132	16	21	43
31	1668	1229	1272	865	224	183	43	244
32	5081	3880	4089	1570	1091	1429	210	583
Other	1738	1295	1342	670	404	269	75	237
Total	151560	112267	117166	56570	43069	17527	5830	21440

Annexure -III

Capitals, Employed, Input, Output and GVA at Industry (NIC-08: 2-digit) (Wages in ₹ in Lakhs, Others in Number)

Year: 2017-18

NIC CODE	Factories in Operation	Fixed Capital	Physical Working Capital	Working Capital	Invested Capital	Gross Value of Addition to Fixed Capital	Rent paid for Fixed Assets	Outstanding Loan
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
10	51	22879	38920	16109	68351	2076	316	16515
11	11	10362	13924	15917	23914	2945	99	9989
13	24	40405	3866	-29231	50566	204	292	18607
14	3	303	295	-74	643	10	0	52
15	28	1389	1571	353	3141	73	106	2487
16	5	664	1543	586	2310	422	13	534
17	55	9549	4052	10028	10291	923	181	2501
18	11	877	347	1068	1341	213	143	258
20	93	83894	34155	33745	120082	14466	1153	8330
21	45	47330	18127	58085	74560	15165	370	5640
22	151	103943	41001	64253	145363	25831	547	11065
23	22	33358	19041	976	57519	809	96	2143
24	42	18928	26996	21316	43535	4181	188	23256
25	28	15398	24923	4042	40739	2659	97	5727
26	12	5611	107851	121427	114333	1167	1944	1525
27	24	23288	13643	28514	40245	1342	828	7586
28	16	21158	11479	15999	34308	28129	97	3540
29	14	12765	10631	35507	24249	3084	5	201
30	4	455	529	36	1055	7	1	73
31	3	903	1177	959	2219	77	6	66
32	22	17131	14831	14378	34197	837	87	13082
Other	14	3604	1694	6830	14662	3413	328	1460
Total	678	474194	390595	420823	907621	108036	6898	134636

Annexure -III (Contd.)

Capitals, Employed, Input, Output and GVA at Industry
(NIC-08:2 Digit) (Wages in ₹ Lakhs, Others in Number)

Year: 2017-18

NIC CODE	Interest paid	Rent Received for Fixed Assets	Interest Received	Gross Value of Plant & Machinery	Value of Products & By-products	Total Output	Fuels Consumed	Materials Consumed
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
10	5429	120	405	24873	268199	261494	5026	223712
11	2540	2	143	11812	42602	57127	430	27140
13	4409	2	383	17044	16304	20079	3852	11014
14	35	0	2	114	867	783	13	396
15	326	0	5	368	4326	5321	143	4328
16	171	1	39	773	6792	6090	177	5284
17	347	8	37	4644	43237	62761	1087	31449
18	13	53	6	0	2936	5773	121	2747
20	1301	0	1000	107477	529140	447415	18957	268561
21	2531	0	418	42637	152488	140264	6354	85527
22	2355	2	442	195875	384856	374849	14832	314058
23	1569	0	107	76359	44139	42467	13313	22722
24	4380	0	366	16996	123701	234250	19565	91829
25	1061	1	314	17698	135796	126229	2468	93682
26	268	0	3564	1953	241797	877564	827	261341
27	573	0	605	20863	150881	160055	1167	113321
28	173	1	159	64279	90072	79293	842	70540
29	120	0	77	22563	79530	95841	1555	65841
30	79	0	7	946	1972	1743	68	1333
31	6	3	51	5523	12139	10667	357	9955
32	1044	5	171	18485	54191	48877	848	28024
Other	415	0	8	19535	379	47462	165	847
Total	29139	200	8315	670819	2386345	3106404	92164	1733653

Annexure -III (Contd.)

Capitals, Employed, Input, Output and GVA at Industry
(NIC-08:2 Digit) (Wages in ₹ Lakhs, Others in Number)

Year: 2017-18

NIC CODE	Total Inputs	Gross Value Added	Depreciation	Net Value Added	Net Fixed Capital Formation	Gross Fixed Capital Formation	Addition in Stock of Materials, Fuels etc., semi-finished and finished goods	(a) Materials, Fuels etc.
(1)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
10	224387	37747	1939	35808	-1146	1481	8362	4448
11	46007	8971	914	8057	-328	731	638	-489
13	14048	4691	485	4206	-359	206	-897	-545
14	691	106	37	69	-32	10	46	-17
15	5072	142	136	6	-84	67	-355	-233
16	5227	971	80	891	269	362	-84	-366
17	31503	9803	1371	8432	-94	840	273	245
18	3667	2205	215	1990	-31	213	95	80
20	290243	167221	5004	162217	2863	8142	-337	1612
21	97022	42092	5043	37049	8079	14414	2226	1355
22	315961	47533	15861	31672	7445	23936	7527	5983
23	35965	6494	3080	3414	-2741	811	-1277	-993
24	217184	14345	1986	12359	1199	2591	2141	5088
25	101295	25872	2001	23871	-497	1595	-29458	-31626
26	834579	60327	2226	58101	-2093	479	-24286	-4814
27	124880	37826	1865	35961	-852	1261	761	881
28	67240	13144	17495	-4351	8191	28123	-629	-2118
29	63440	33427	1722	31705	1014	2927	1478	1182
30	1315	455	82	373	-88	7	-24	-25
31	9490	1374	154	1220	-107	70	-269	-150
32	27901	20805	883	19922	-418	558	1574	-9106
Other	44316	9418	308	9110	2416	3315	-7302	-7302
Total	2561434	544970	62888	482082	22607	92136	-39798	-36911

Annexure-III (Concl.)

Capitals, Employed, Input, Output and GVA at Industry
(NIC-08:2 Digit) (Wages in ₹ Lakhs, Others in Number)

Year: 2017-18

NIC CODE	(b) Semi-Finished Goods	(c) Finished Goods	Gross Capital Formation	Net Income	Profits	No. of persons Engaged (no)	workers	Directly Employed
(1)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
10	3485	430	17327	36424	26597	2851	1863	1640
11	55	1071	2409	6438	2776	870	704	566
13	-64	-289	-1218	-185	-9281	3523	2493	2290
14	40	23	100	47	-447	299	179	184
15	-65	-57	-506	-345	-2645	1395	1169	1240
16	149	133	486	888	456	109	94	103
17	111	-83	1960	6773	2933	2521	2161	1204
18	15	0	541	2319	869	418	317	292
20	-69	-1880	13739	200800	176419	7019	6031	4402
21	-231	1102	29291	40261	22465	3586	2174	1356
22	1260	284	55386	23401	-3922	10506	8327	4114
23	-33	-251	-821	2206	-4187	3631	3058	1599
24	375	-3322	8330	7749	3477	1870	1503	1376
25	1860	308	-49048	26321	14330	2816	2361	1236
26	0	-19471	-41905	68461	38741	3193	1297	739
27	-150	30	3562	40822	27436	2924	2330	1492
28	426	1063	48397	-5007	-11894	1632	1222	599
29	382	-85	7757	36322	29295	2643	2367	2274
30	-2	3	-33	359	100	71	44	45
31	-39	-80	-352	1452	677	264	209	89
32	76	10604	3751	22017	16858	2180	1857	1431
Other	0	0	-7019	33388	30196	615	345	318
Total	7582	-10468	92136	550909	361247	54934	42102	28586

Annexure-IV

Employment, Man-days employed & Emoluments paid in Factory Sector (NIC-08: 2-digit) (Wages in Lakhs, Others in Number)

Year: 2017-18

NIC CODE	Men	Women	Employed through Contractors	Employees Other than Workers	Supervisory & Managerial staff	Other Employees	Unpaid family members/proprietor, etc	Total Mandays Employed (in '000)
(1)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)
10	1334	306	392	1043	194	849	32	970
11	465	100	201	180	107	73	1	285
13	1995	296	427	1117	141	976	3	1171
14	27	157	12	129	17	112	1	98
15	217	1023	35	245	95	150	2	412
16	102	1	0	15	13	2	1	35
17	497	707	1153	366	273	94	25	824
18	248	44	53	69	27	43	40	129
20	3405	997	2171	1061	613	448	12	2308
21	1079	277	1014	1526	628	897	10	1186
22	3223	892	4963	2322	768	1554	47	3494
23	1472	127	1735	616	207	409	7	1216
24	1325	51	263	380	164	216	18	609
25	1110	126	1338	485	280	206	9	929
26	447	292	675	2059	167	1892	6	1050
27	988	505	1048	635	278	357	10	958
28	583	16	732	444	148	296	2	506
29	1742	532	306	296	214	82	3	876
30	44	1	3	28	24	3	1	22
31	89	0	139	59	35	24	1	88
32	904	527	594	347	164	182	5	714
Other	310	8	59	285	100	185	8	201
Total	21601	6984	17312	13702	4655	9047	247	18078

Annexure -IV (Conld.)

Employment, Man-days employed & Emoluments paid in Factory Sector (NIC-08: 2-digit) (Wages in Lakhs, Others in Number)

Year: 2017-18

NIC CODE	Wages and Salaries including Employers' contribution (lakhs) TOTAL EMOL.	Wages and Salary including Bonus	Wages and Salaries	Wages to Workers	Supervisory & Managerial staff	Other Employees	Bonus to all Staff	Employers' contribution
(1)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)
10	9827	6952	7048	3456	1183	2409	304	2093
11	3661	2769	2676	1403	1134	139	251	581
13	9096	6417	6151	3723	725	1703	575	1957
14	496	395	412	173	107	132	8	57
15	2300	1713	1643	879	541	224	165	394
16	432	365	388	99	286	2	8	25
17	3840	2858	2857	1660	1064	134	139	661
18	1450	1120	1124	686	159	278	46	203
20	24380	18806	18873	10606	6385	1882	876	3458
21	17795	13703	14293	3452	5971	4870	571	2550
22	27324	21003	21326	12207	4833	4286	692	3957
23	6393	4868	4902	2901	1413	588	193	977
24	4271	3425	3397	1630	1187	580	234	461
25	11989	7916	8079	4192	2935	952	266	3182
26	29720	24797	10555	3676	4969	1910	657	1766
27	13387	10445	4935	1955	2303	677	288	1448
28	6887	4889	5154	3064	1783	307	170	1365
29	7027	5089	195	99	87	9	23	30
30	259	206	564	359	150	55	79	92
31	775	614	3905	2234	1410	261	187	820
32	5159	3900	2461	819	1185	456	113	529
Other	3194	2395	147787	61393	46402	39992	6341	28739
Total	189662	144643	147787	61393	46402	39992	6341	28739

ANNEXURE- V

National Industrial Classification (NIC – 2008)

2 digits	3 digits	Description
(1)	(2)	(3)
10		Manufacture of food products
	101	Processing and preserving of meat
	102	Processing and preserving of fish, crustaceans and molluscs
	103	Processing and preserving of fruit and vegetables
	104	Manufacture of vegetable and animal oils and fats
	105	Manufacture of dairy products
	106	Manufacture of grain mill products, starches and starch products
	107	Manufacture of other food products
	108	Manufacture of prepared animal feeds
11		Manufacture of Beverages
	110	Manufacture of Beverages
13		Manufacture of Textiles
	131	Spinning, weaving and finishing of textiles
	139	Manufacture of other textiles.
14		Manufacture of wearing apparel
	141	Manufacture of wearing apparel, except fur apparel
	142	Manufacture of articles of fur
	143	Manufacture of knitted and crocheted apparel
15		Manufacture of Leather and related products
	151	Tanning and dressing of leather, manufacture of luggage hand bags, saddlery and harness; dressing and dyeing of fur
	152	Manufacture of footwear
16		Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
	161	Saw milling and plaiting of wood
	162	Manufacture of products of wood, cork, straw and plaiting materials
17		Manufacture of paper and paper products
	171	Manufacture of paper and paper products
18		Printing and reproduction of recorded media
	181	Printing and service activities related to printing
	182	Reproduction of recorded media
20		Manufacture of Chemical and Chemical Products
	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
	202	Manufacture of other chemical products
	203	Manufacture of man-made fibres

ANNEXURE- V (Contd.)

National Industrial Classification (NIC – 2008)

2 digits	3 digits	Description
(1)	(2)	(3)
21		Manufacture of pharmaceuticals, medicinal chemicals and botanical products
	211	Manufacture of pharmaceuticals, medicinal chemicals and botanical products
22		Manufacture of rubber and plastic products
	221	Manufacture of rubber products
	222	Manufacture of plastic products
23		Manufacture of other non-metallic mineral products
	231	Manufacture of glass and glass products
	239	Manufacture of non-metallic mineral products n.e.c.
24		Manufacture of basic metals
	241	Manufacture of basic iron and steel
	242	Manufacture of basic precious and other non-ferrous metals
	243	Casting of metals
25		Manufacture of Fabricated metal products, except machinery and equipment
	251	Manufacture of structural metal products, tanks, reservoirs and steam generators
	252	Manufacture of weapons and ammunition
	259	Manufacture of other fabricated metal products; metalworking service activities
26		Manufacture of computer, electronic and optical products
	261	Manufacture of electronic components
	262	Manufacture of computers and peripheral equipment
	263	Manufacture of communication equipment
	264	Manufacture of consumer electronics
	265	Manufacture of measuring, testing, navigating and control equipment; watches and clocks
	266	Manufacture of irradiation, electromedical and electrotherapeutic equipment
	267	Manufacture of optical instruments and equipment
	268	Manufacture of magnetic and optical media

ANNEXURE- V (Conld.)

National Industrial Classification (NIC – 2008)

2 digits	3 digits	Description
(1)	(2)	(3)
27		Manufacture of electronic equipment
	271	Manufacture of electronic motors, generators, transformers and electricity distribution and control apparatus
	272	Manufacture of batteries and accumulators
	273	Manufacture of wiring and wiring devices
	274	Manufacture of electric lighting equipment
	275	Manufacture of domestic appliances
	279	Manufacture of other electrical equipment
28		Manufacture of machinery and equipment n.e.c .
	281	Manufacture of general-purpose machinery
	282	Manufacture of special-purpose machinery
29		Manufacture of motor vehicles, trailers and semi-trailers
	291	Manufacture of motor vehicles
	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
	293	Manufacture of parts and accessories for motor vehicles
30		Manufacture of other transport equipment
	301	Building of ships and boats
	302	Manufacture of railway locomotives and rolling stock
	303	Manufacture of air and spacecraft and related machinery
	304	Manufacture of military fighting vehicles
	309	Manufacture of transport equipment n.e.c.
31		Manufacture of Furniture
	310	Manufacture of furniture
32		Other Manufacturing
	321	Manufacture of jewellery, bijouterie and related articles
	322	Manufacture of musical instruments
	323	Manufacture of sports goods
	324	Manufacture of games and toys
	325	Manufacture of medical and dental instruments and supplies
	329	Other manufacturing n.e.c.
33		Repair and installation of machinery and equipment
	331	Repair of fabricated metal products, machinery and equipment
	332	Installation of industrial machinery and equipment

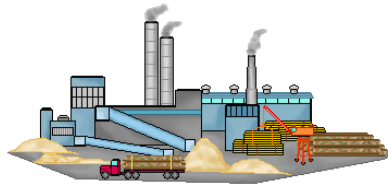


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