ANNUAL SURVEY OF INDUSTRIES 2020-21 AND 2021-22

GOVERNMENT OF PUDUCHERRY
DIRECTORATE OF ECONOMICS AND STATISTICS,
PUDUCHERRY

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DIRECTORATE OF ECONOMICS AND STATISTICS
PUDUCHERRY

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FOREWORD

The "Annual Survey of Industries 2020-21 and 2021-22" published by the Directorate of Economics and Statistics provides critical visions into the performance of the organized manufacturing sector in the Union Territory of Puducherry. The ASI remains a cornerstone source of industrial statistics, essential for understanding structural changes, sectoral growth patterns, and investment trends in the industrial landscape.

These two survey years were significantly affected by the COVID-19 pandemic, which posed unprecedented challenges to the industrial sector. The disruption of production cycles, labor mobility, supply chains, and demand patterns left a visible imprint on industrial activity. The ASI data from this period thus not only captures standard industrial indicators, but also serves as a valuable record of the sector's resilience and the pandemic's economic impact.

This report presents detailed information on the number of operating factories, employment levels, compensation to workers, capital investments, input-output ratios, and other key metrics. Such data is indispensable for policy formulation, economic planning, and academic research. It also contributes to the estimation of the State Domestic Product of the Union Territory.

I appreciate the Director of Economics and Statistics and his dedicated team for successfully compiling and releasing this publication during a time of considerable operational constraints. Their commitment ensured that this important statistical output remained timely and reliable, even amid the disruptions caused by the pandemic.

(S.D. Sundaresan, I.A.S)

Secretary to Government
(Economics and Statistics)

Puducherry,
June, 2025.

Sri. RATNAGHOSH KISHOR CHAURE
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Puducherry – 605 013.

PREFACE

The Annual Survey of Industries (ASI) is the principal source of industrial statistics in India, providing a comprehensive and reliable database for the organized manufacturing sector. It plays a vital role in policy formulation, planning, and monitoring by various government agencies, researchers, and other stakeholders.

This publication presents the results of the Annual Survey of Industries for the years 2020-21 and 2021-22. These years were notably marked by the unprecedented global disruption caused by the COVID-19 pandemic, which significantly affected industrial operations, supply chains, labor availability, and overall economic activity. The data collected during this period reflect the impact of these challenges and offer valuable perceptions into the resilience and adaptability of the Indian manufacturing sector during a time of crisis.

The report of the "*Annual Survey of Industries 2020-21 and 2021-22"* is the forty sixth in the series which is based on the results published by the Central Statistical Office, Ministry of Statistics and Programme Implementation, Government of India. 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.

We hope this publication will continue to serve as a useful reference for all those engaged in the study and analysis of India's industrial development, especially in understanding the trends of industrial performance during a period of global adversity.

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

(RATNAGHOSH KISHOR CHAURE)
DIRECTOR

Puducherry,
June, 2025.

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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 2020-21 and 2021-22 are the 56^{th} and 57^{th} years of survey conducted in the Union Territory of Puducherry and the results as consolidated by the Central Statistical Office, Government of India 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. Due to some official reasons the process of pooling was paused thereafter and this publication has been prepared based on the publications *“Annual Survey of Industries 2020-21 Volume-I”* and *“Annual Survey of Industries 2021-22 Volume-I”,* Ministry of Statistics and Programme Implementation, National Statistical Office, Industrial Statistics Wing, Kolkata.

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 each state 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 2020-21 and 2021-22, 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.

CHAPTER - II

CONCEPTS AND DEFINITIONS

1. Reference period

The reference period for ASI 2020-21 was the financial year commencing from 1st April, 2020 and ending on 31st March, 2021 or the accounting year of the factory ending on any date between 01-04-2020 and 31-03-2021. The survey period for ASI 2020-2021 is from April, 2022 to November, 2022. The reference period of the survey coincided with the COVID-19 pandemic period in India which witnessed nation-wide lockdown and disruption.

The reference period for ASI 2021-22 was the financial year of commencing from 1st April, 2021 and ending on 31st March, 2022 or the accounting year of the factory ending on any date between 01-04-2021 and 31-03-2022. The Survey The survey period for ASI 2021-2022 is from March 2023 to September, 2023. The field work of ASI 2021-22 was suspended/affected adversely due to second wave of COVID-19 in the country.

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 are presented in Table 1 and 2 which present an insightful overview of the primary characteristics, employment, and emoluments for the survey years 2020-21 and 2021-22 at the State level, including the percentage rise in 2021-22 as compared to the preceding year 2020-21.

During the survey year 2020-21, the State had the registration of 776 factories, of which 653 factories were operational. These establishments collectively possessed a substantial stock of Fixed Capital amounting to ₹6,28,532 lakhs, accompanied by Productive Capital valued at ₹10,02,916 lakhs, and Invested Capital totalling ₹10,01,961 lakhs. A workforce of 52,663 individuals was gainfully employed, and expenditures of ₹1,74,538 lakhs were incurred in employee emoluments. The aggregate value of Inputs consumed stood at ₹20,51,174 lakhs, while Value Added contributions amounted to ₹7,42,820 lakhs, thus augmenting the State's overall income.

In the subsequent survey year 2021-22, the State registered 760 factories, with 664 of them operational. Collectively, these establishments boasted a Fixed Capital of ₹5,95,069 lakhs, Productive Capital of ₹8,99,590 lakhs, and Invested Capital of ₹10,08,152 lakhs. Employment was provided to 53,126 persons, accompanied by emolument outflows of ₹1,87,424 lakhs. The total value of Inputs consumed was ₹29,10,023 lakhs, contributing to a Value-Added amounting to ₹6,77,681 lakhs, thereby influencing the State's income.

The survey data highlights a distinct decline of 5.32% in Fixed Capital, contrasting with a rise of 10.62% in Physical Working Capital and decline of 18.66% Working Capital, during the year 2021-22 in comparison to the previous year 2020-21. The Net Value Added and Net Income demonstrated a decrement of 10.12% and 9.13% respectively, for the same period. Pertaining to Employment and Emoluments, a slight increase of 0.88% in the total number of employees was noted, correspondingly leading to an 7.38% increase in total emoluments in the year 2021-22 as opposed to the previous year 2020-21.

Upward Trends (2021-22 vs. 2020-21):

- Physical Working Capital
- Invested Capital
- Gross Value of Addition to Fixed Capital
- Outstanding Loan
- Gross Value of Plant & Machinery
- Rent received from fixed Assets
- Interest received
- Value of Products & By-products
- Total Output
- Materials consumed
- Total Inputs
- Depreciation
- Net Fixed Capital Formation
- Gross Fixed Capital Formation
- Addition in Stock
- Gross Capital Formation

Decreasing Trends (2021-22 vs. 2020-21):

- Fixed Capital
- Working Capital
- Rent paid for Fixed Assets
- Fuels consumed
- Interest paid
- Gross Value Added
- Net Value Added
- Net Income
- Net Profit

TABLE - 1

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

Sl No.	Characteristics	Unit	2020-21	2021-22	% (+) / (-) in 2021-22 over 2020-21
(1)	*(2)*	*(3)*	*(5)*	*(4)*	*(6)*
1	Number of Factories	No.	776	760	-2.06
2	Factories in Operation	"	653	664	1.68
3	Fixed Capital	₹ in Lakhs	628532	595069	-5.32
4	Physical Working Capital	"	373429	413083	10.62
5	Working Capital	"	374384	304521	-18.66
6	Invested Capital	"	1001961	1008152	0.62
7	Gross Value of Addition to Fixed Capital	"	100132	118409	18.25
8	Rent paid for Fixed Assets	"	1680	310	-81.55
9	Outstanding Loan	"	107888	155319	43.96
10	Interest paid	"	30676	22269	-27.41
11	Rent Received for Fixed Assets	"	2	12	500.00
12	Interest Received	"	4862	7280	49.73
13	Gross Value of Plant & Machinery	"	684886	692472	1.11
14	Value of Products & By-products	"	2314631	3119812	34.79
15	Total Output	"	2793994	3587704	28.41
16	Fuels Consumed	"	143644	109327	-23.89
17	Materials Consumed	"	1545174	2261057	46.33
18	Total Inputs	"	2051174	2910023	41.87
19	Gross Value Added	"	742820	677681	-8.77
20	Depreciation	"	55079	59573	8.16
21	Net Value Added	"	687740	618109	-10.12
22	Net Fixed Capital Formation	"	7260	26495	264.94
23	Gross Fixed Capital Formation	"	62339	86068	38.06
24	Addition in Stock of	"	5459	100383	1738.85
	(a) Materials, Fuels etc.	"	18541	67239	262.65
	(b) Semi finished goods	"	-3287	9993	404.02
	(c) Finished goods	"	-9795	23151	336.36
25	Gross Capital Formation	"	67798	186450	175.01
26	Net Income	"	655384	595530	-9.13
27	Profits	"	480847	408105	-15.13

Aggregates of Principal Characteristics of all Factories: 2020-21 and 2021-22

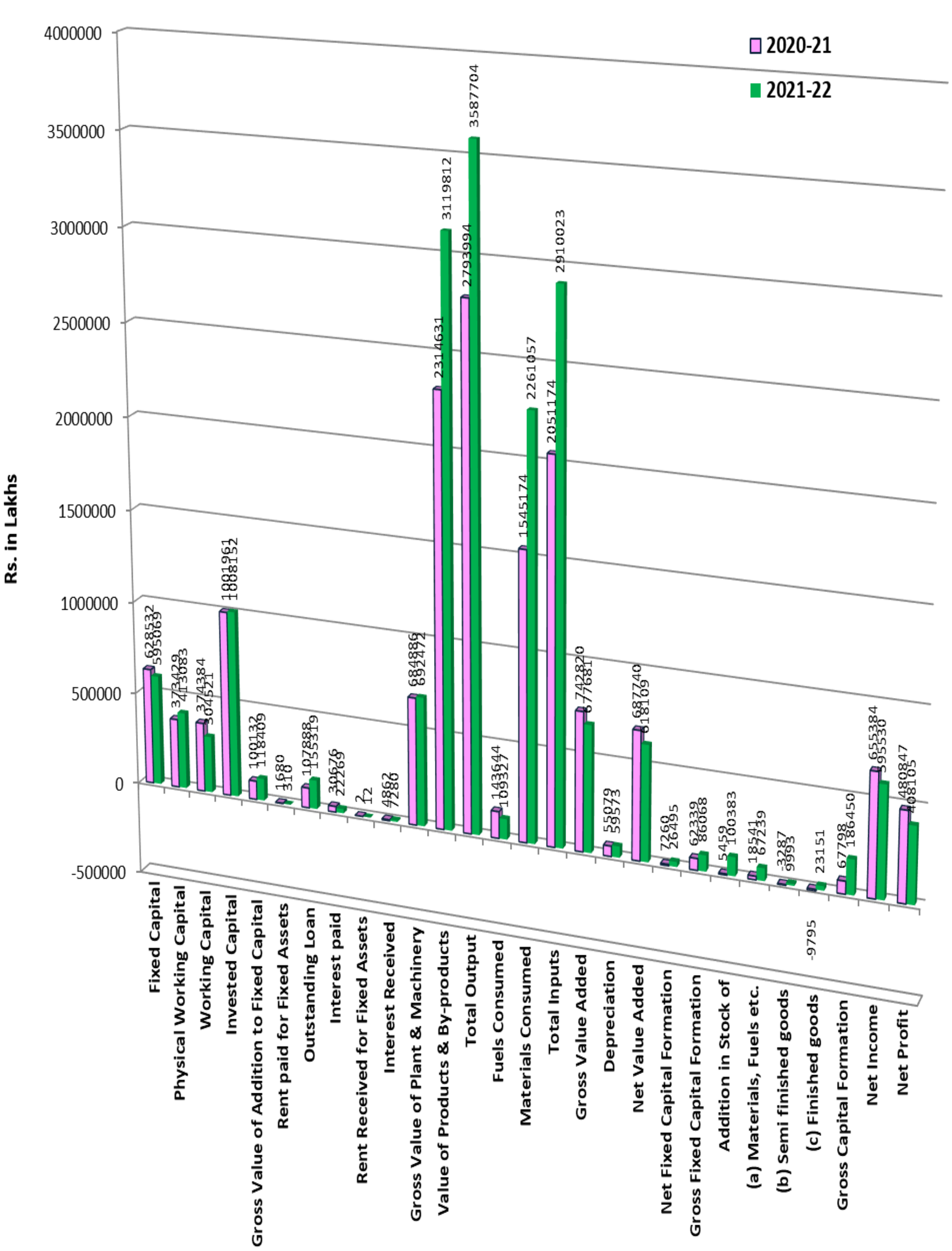
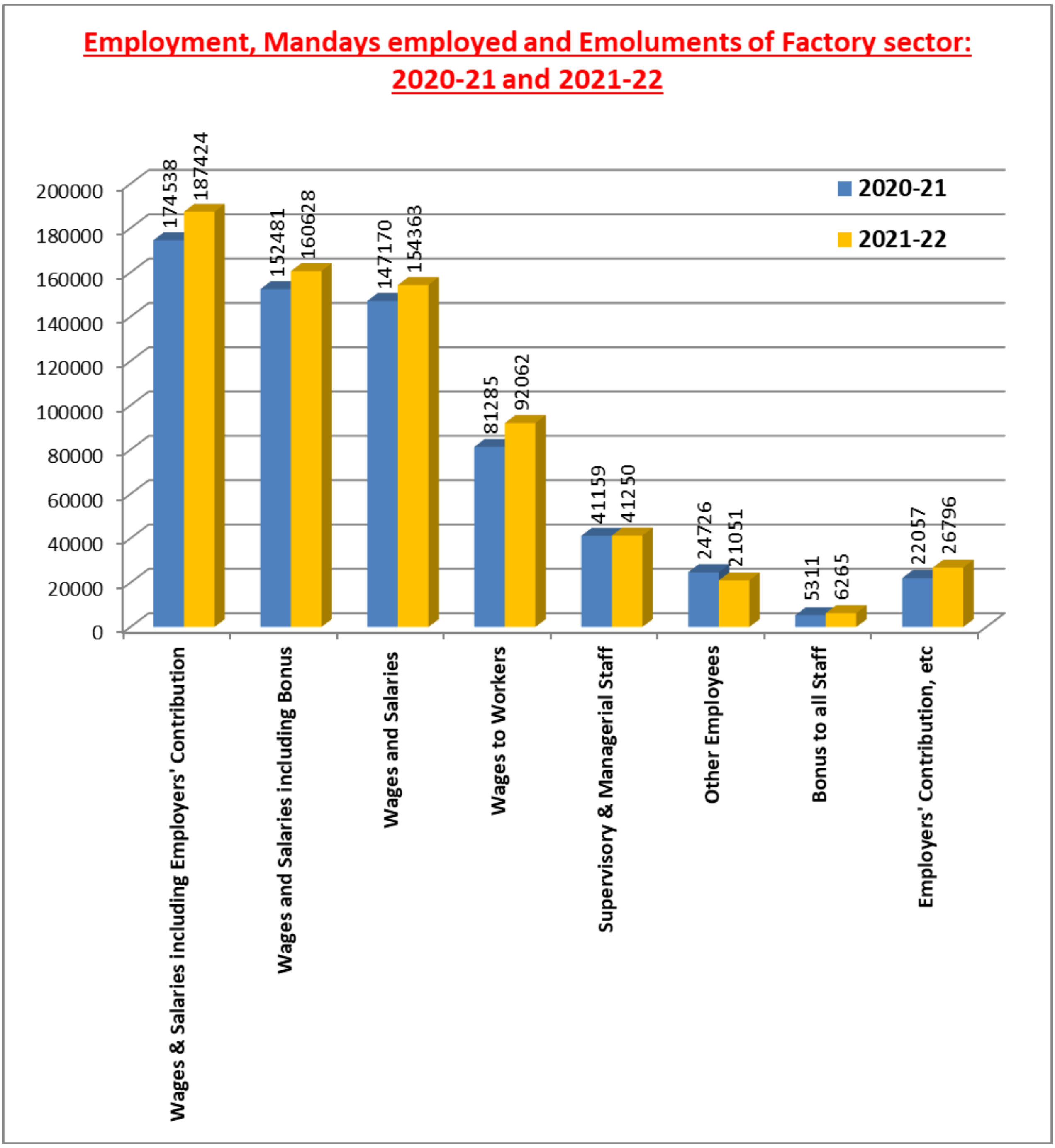


TABLE - 2

Employment, Mandays employed and Emoluments of Factory Sector

Sl No.	Characteristics	Unit	2020-21	2021-22	% (+) / (-) in 2021-22 over 2020-21
(1)	*(2)*	*(3)*	*(5)*	*(4)*	*(6)*
A	No. of Persons Employed	No.	52663	53126	0.88
1	Workers	"	42272	42048	-0.53
1.1	Directly Employed	"	25172	24711	-1.83
	Men	"	19123	17918	-6.30
	Women	"	6049	6793	12.30
1.2	Employed Through Contractors	"	17100	17336	1.38
2	Employees Other than Workers	"	10228	10809	5.68
2.1	Supervisory & Managerial Staff	"	4342	4800	10.55
2.2	Other Employees	"	5886	6009	2.09
3	Unpaid Family Members/Proprietor, etc.	"	163	269	65.03
B	Total Mandays Employed (in '000)	"	15209	16134	6.08
C	Wages & Salaries including Employers' Contribution	₹ in Lakhs	174538	187424	7.38
1	Wages and Salaries including Bonus		152481	160628	5.34
1.1	Wages and Salaries		147170	154363	4.89
1.1.1	Wages to Workers		81285	92062	13.26
1.1.2	Supervisory & Managerial Staff		41159	41250	0.22
1.1.3	Other Employees		24726	21051	-14.86
1.2	Bonus to all Staff		5311	6265	17.96
2	Employers' Contribution, etc		22057	26796	21.49



Employment, Mandays employed and Emoluments of Factory sector: 2020-21 and 2021-22
2020-21
2021-22
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
174538
187424
152481
160628
147170
154363
81285
92062
41159
41250
24726
21051
5311
6265
22057
26796
Wages & Salaries including Employers' Contribution
Wages and Salaries including Bonus
Wages and Salaries
Wages to Workers
Supervisory & Managerial Staff
Other Employees
Bonus to all Staff
Employers' Contribution, etc

2. Structural Ratios and Technical Coefficients

In Table-3 and the chart below, we can find an overview of key indicators for the years 2020-21 and 2021-22, shedding light on the dynamics of our manufacturing sector.

1. **Fixed Capital Trends:**
   - Fixed Capital per factory decreased from ₹962.53 lakhs in 2020-21 to ₹896.19 lakhs in 2021-22, marking an impressive 6.89 % decrease.
   - Gross Value of Plant & Machinery per factory experienced decline from ₹1048.83 lakhs (2020-21) to ₹1042.88 lakhs (2021-22), showing a decrease of 0.57%. This signifies a lower net worth of Plant and Machinery for operational factories.
   - Fixed Capital per worker also recorded substantial growth, drop from ₹14.87 lakhs (2020-21) to ₹14.15 lakhs (2021-22), representing a decrease of 4.82%.

2. **Working Capital Trends:**
   - Working Capital per Factory, Gross Value Added per Factory, and Net Value Added per Factory all performed a decline from their levels in 2020-21. In 2021-22, they stood at ₹458.62 lakhs, ₹1020.60 lakhs, and ₹930.89 lakhs, respectively, down from ₹573.33 lakhs, ₹1137.55 lakhs, and ₹1,053.20 lakhs in 2020-21.

3. **Workforce and Wages:**
   - The number of workers per factory exhibited a marginal decrease, declining from 64.74 in 2020-21 to 63.33 in 2021-22, representing a slight decrease of 2.18.
   - Meanwhile, wages per worker increased significantly, growing from ₹1.92 lakhs (2020-21) to ₹2.19 lakhs (2021-22), reflecting a substantial 13.86% increase.

4. **Income and Profitability:**
   - Net income and profit per factory experienced declines of 10.64% and 16.53%, respectively, in the transition from 2020-21 to 2021-22.

5. Ratios Analysis:

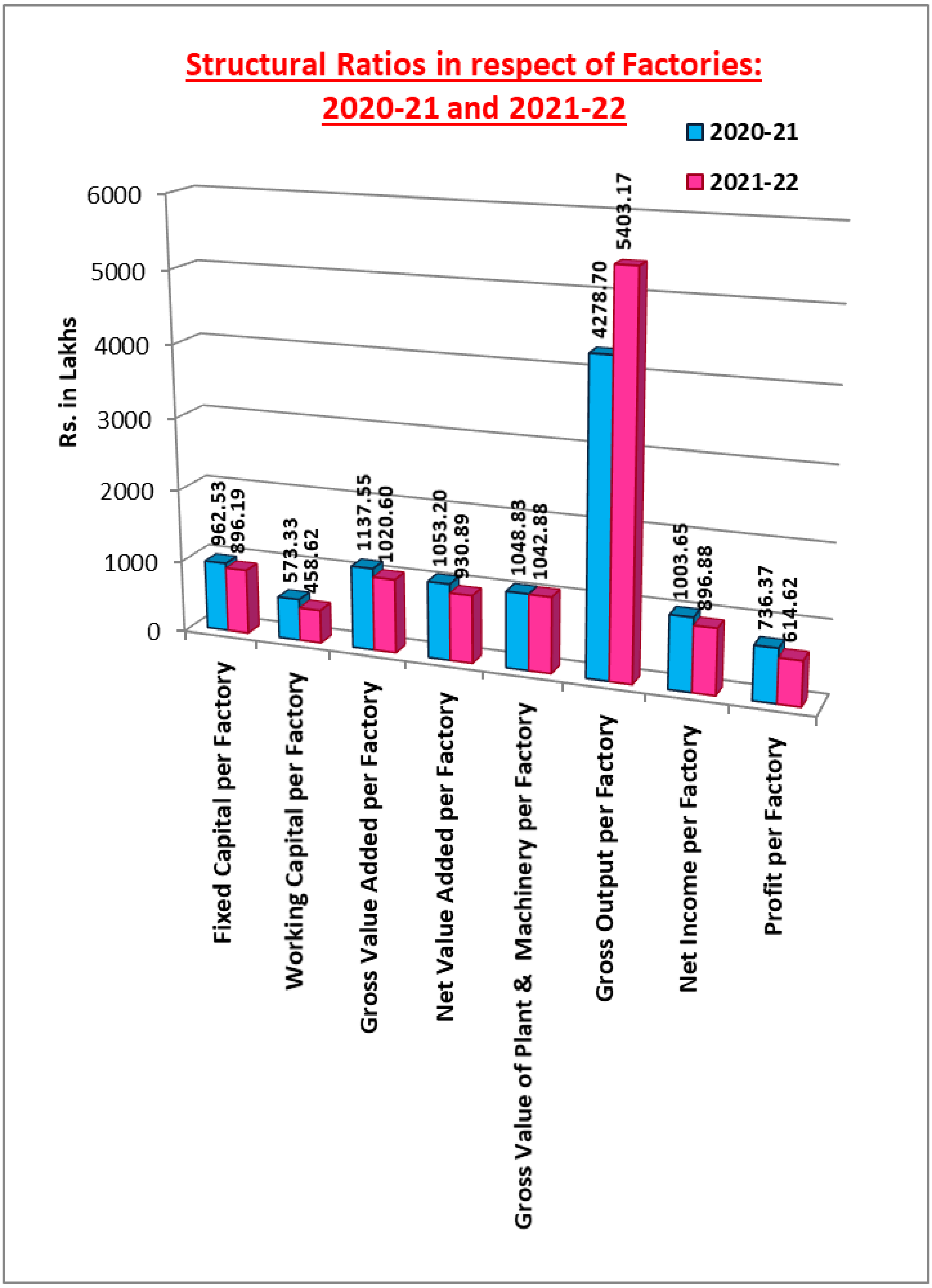
- Key ratios such as Fixed Capital to Net Value Added demonstrated significant increases in the year 2021-22 compared to 2020-21, with growth rates of 5.34%, Fixed Capital to Value of Output, and Net Value Added to Value of Output demonstrated significant decreases in the year 2021-22 compared to 2020-21, with decline rates of 26.27%, and 30.01%, respectively.

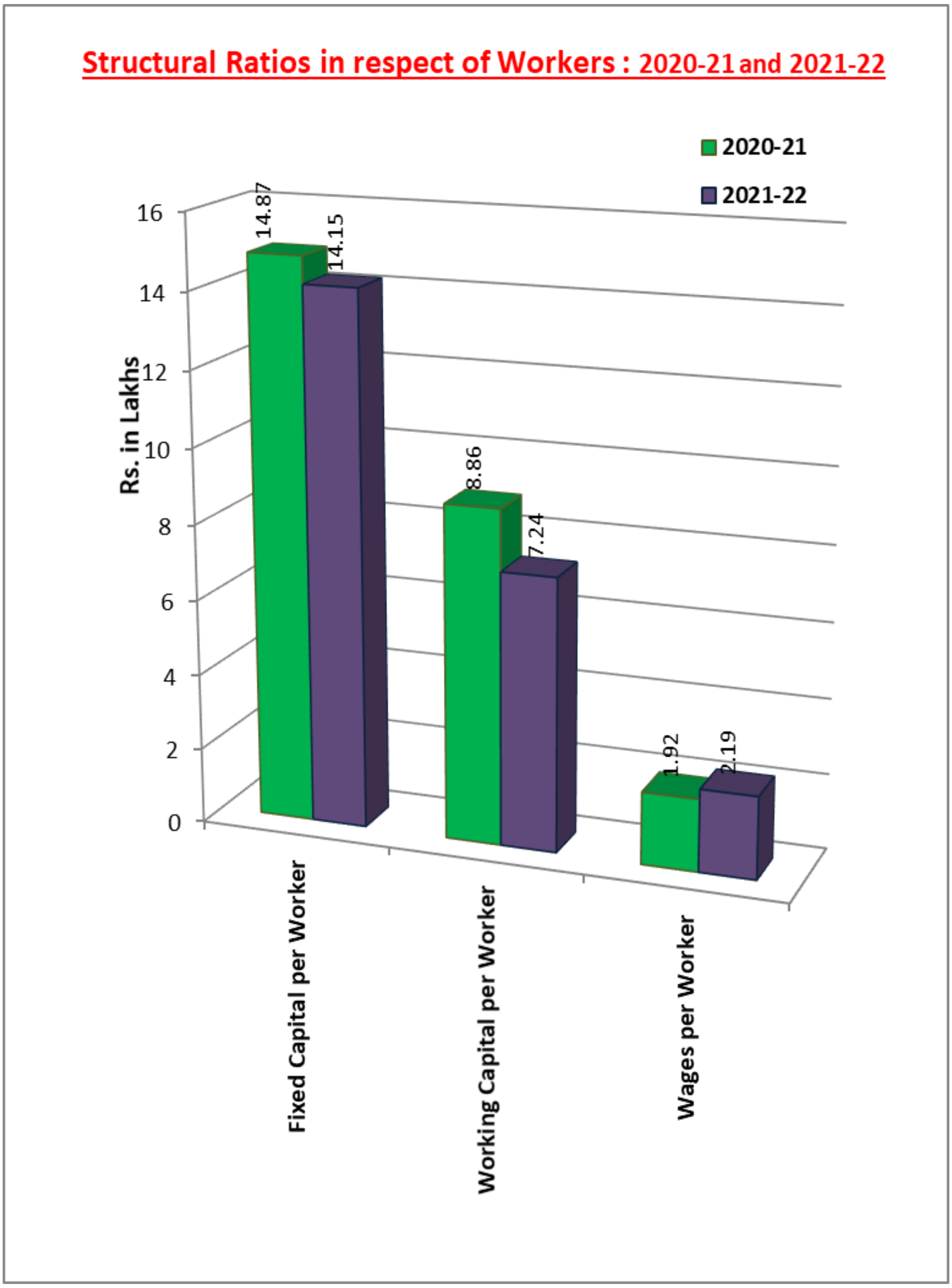
This analysis provides a comprehensive overview of the changing trends in the manufacturing sector over the specified years due to the impact of the pandemic COVID-19.

TABLE-3

Structural Ratios and Technical Coefficients

Sl No.	Ratios / Co-efficients	Unit	2020-21	2021-22	% (+) / (-) in 2021-22 over 2020-21
(1)	*(2)*	*(3)*	*(4)*	*(5)*	*(5)*
Structural Ratios					
1	Fixed Capital per Factory	₹ in Lakhs	962.53	896.19	-6.89
2	Working Capital per Factory	"	573.33	458.62	-20.01
3	Gross Value Added per Factory	"	1137.55	1020.60	-10.28
4	Net Value Added per Factory	"	1053.20	930.89	-11.61
5	Gross Value of Plant & Machinery per Factory	"	1048.83	1042.88	-0.57
6	Gross Output per Factory	"	4278.70	5403.17	26.28
7	Net Income per Factory	"	1003.65	896.88	-10.64
8	Profit per Factory	"	736.37	614.62	-16.53
9	Workers per Factory	Nos.	64.74	63.33	-2.18
10	Fixed Capital per Worker	₹ in Lakhs	14.87	14.15	-4.82
11	Working Capital per Worker	"	8.86	7.24	-18.23
12	Wages per Worker	"	1.92	2.19	13.86
Technical Co-efficient					
13	Fixed Capital to Net Value Added	₹ in Lakhs	0.91	0.96	5.34
14	Fixed Capital to Value of Output	"	0.22	0.17	-26.27
15	Net Value Added to Value of Output	"	0.25	0.17	-30.01


Structural Ratios in respect of Factories:
2020-21 and 2021-22
2020-21
2021-22
Rs. in Lakhs
6000
5000
4000
3000
2000
1000
0
962.53
896.19
573.33
458.62
1137.55
1020.60
1053.20
930.89
1048.83
1042.88
4278.70
5403.17
1003.65
896.88
736.37
614.62
Fixed Capital per Factory
Working Capital per Factory
Gross Value Added per Factory
Net Value Added per Factory
Gross Value of Plant & Machinery per Factory
Gross Output per Factory
Net Income per Factory
Profit per Factory


Structural Ratios in respect of Workers : 2020-21 and 2021-22
2020-21
2021-22
Rs. in Lakhs
16
14
12
10
8
6
4
2
0
14.87
14.15
8.86
7.24
1.92
2.19
Fixed Capital per Worker
Working Capital per Worker
Wages per Worker

3. Distribution of Factories in operation

Table-4 and the accompanying Chart offer an astute analysis of the distribution of factories categorized by 2-digit NIC (National Industrial Classification) Codes for the years 2020-21 and 2021-22. These findings shed light on the evolving landscape of various industries during the pandemic period.

Key Findings:

1. **Total Factories:**

    - In 2020-21, a total of 655 factories were operational, while in 2021-22, this number increased to 665, marking a 1.53% increase in the number of factories.

2. **Dominant Industries:**

    - The industry group with NIC Code 22, "Manufacture of Rubber and Plastics Products" held the largest share of factories in both years. In 2020-21, it accounted for 120 factories (18.32% of the total), and in 2021-22, it represented 139 factories (20.90% of the total).

    - The industry group with NIC Code 20, "Manufacture of Chemicals and Chemical Products" ranked second in terms of the number of factories for both years. It had 86 factories (13.13% of the total) in 2020-21 and 104 factories (15.64% of the total) in 2021-22.

3. **Upward Trends (2021-22 vs. 2020-21):**

    - Several industry groups showed an upward trend in the number of factories in 2021-22 compared to 2020-21. These include:

        - NIC Code 10: Manufacture of Food Products
        - NIC Code 20: Manufacture of Chemicals & Chemical Products
        - NIC Code 22: Manufacture of Rubber & Plastics products
        - NIC Code 23: Manufacture of other Non-Metallic Mineral Products
        - NIC Code 25: Manufacture of Fabricated Metal products except Machinery & Equipment
        - NIC Code 29: Manufacture of Motor vehicles, Trailers & Semi-trailers
        - NIC Code 32: Other Manufacturing

- NIC Code other: Other

4. **Decreasing Trends (2021-22 vs. 2020-21):**

   - Conversely, certain industry groups exhibited a decreasing trend in the number of factories in 2021-22 compared to 2020-21. These include:

- NIC Code 11: Manufacture of Beverage
- NIC Code 13: Manufacture of Textiles
- NIC Code 14: Manufacture of Wearing apparel
- NIC Code 15: Manufacture of Leather & related products
- NIC Code 17: Manufacture of Paper & Paper products
- NIC Code 18: Printing & Reproduction of Recorded Media
- NIC Code 21: Manufacture of pharmaceuticals, medicinal chemical & Botanical products
- NIC Code 26: Manufacture of Computer, Electronic & Optical products
- NIC Code 27: Manufacture of Electrical Equipment
- NIC Code 30: Manufacture of Other Transport Equipment

5. **Stable Trends (2021-22 vs. 2020-21):**

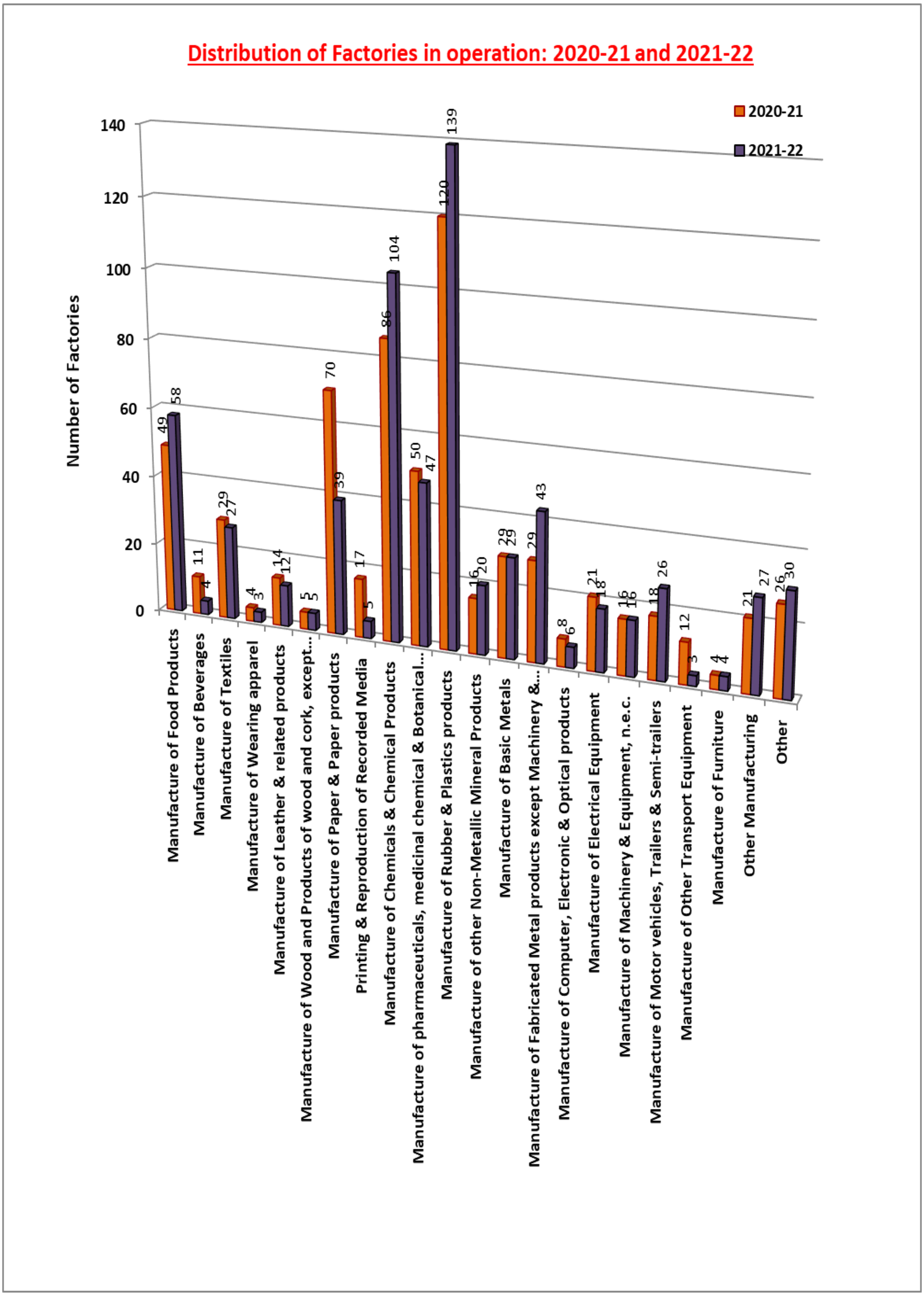
- NIC Code 16: Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials
- NIC Code 24: Manufacture of Basic Metals
- NIC Code 28: Manufacture of Machinery & Equipment, n.e.c.
- NIC Code 31: Manufacture of Furniture

These findings provide valuable insights into the trends within the manufacturing sector, enabling a deeper understanding of industry dynamics during the pandemc period.

TABLE - 4

Distribution of Factories in operation (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2021-22 over 2020-21
		No. of Factories	%	No. of Factories	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	49	7.48	58	8.72	18.37
11	Manufacture of Beverages	11	1.68	4	0.60	-63.64
13	Manufacture of Textiles	29	4.43	27	4.06	-6.90
14	Manufacture of Wearing apparel	4	0.61	3	0.45	-25.00
15	Manufacture of Leather & related products	14	2.14	12	1.80	-14.29
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	5	0.76	5	0.75	0.00
17	Manufacture of Paper & Paper products	70	10.69	39	5.86	-44.29
18	Printing & Reproduction of Recorded Media	17	2.60	5	0.75	-70.59
20	Manufacture of Chemicals & Chemical Products	86	13.13	104	15.64	20.93
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	50	7.63	47	7.07	-6.00
22	Manufacture of Rubber & Plastics products	120	18.32	139	20.90	15.83
23	Manufacture of other Non-Metallic Mineral Products	16	2.44	20	3.01	25.00
24	Manufacture of Basic Metals	29	4.43	29	4.36	0.00
25	Manufacture of Fabricated Metal products except Machinery & Equipment	29	4.43	43	6.47	48.28
26	Manufacture of Computer, Electronic & Optical products	8	1.22	6	0.90	-25.00
27	Manufacture of Electrical Equipment	21	3.21	18	2.71	-14.29
28	Manufacture of Machinery & Equipment, n.e.c.	16	2.44	16	2.41	0.00
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	18	2.75	26	3.91	44.44
30	Manufacture of Other Transport Equipment	12	1.83	3	0.45	-75.00
31	Manufacture of Furniture	4	0.61	4	0.60	0.00
32	Other Manufacturing	21	3.21	27	4.06	28.57
Other	Other	26	3.97	30	4.51	15.38
	Total	**655**	**100.00**	**665**	**100.00**	**1.53**



Distribution of Factories in operation: 2020-21 and 2021-22
2020-21
2021-22
Number of Factories
140
120
100
80
60
40
20
0
Manufacture of Food Products
Manufacture of Beverages
Manufacture of Textiles
Manufacture of Wearing apparel
Manufacture of Leather & related products
Manufacture of Wood and Products of wood and cork, except...
Manufacture of Paper & Paper products
Printing & Reproduction of Recorded Media
Manufacture of Chemicals & Chemical Products
Manufacture of pharmaceuticals, medicinal chemical & Botanical...
Manufacture of Rubber & Plastics products
Manufacture of other Non-Metallic Mineral Products
Manufacture of Basic Metals
Manufacture of Fabricated Metal products except Machinery &...
Manufacture of Computer, Electronic & Optical products
Manufacture of Electrical Equipment
Manufacture of Machinery & Equipment, n.e.c.
Manufacture of Motor vehicles, Trailers & Semi-trailers
Manufacture of Other Transport Equipment
Manufacture of Furniture
Other Manufacturing
Other
49
58
11
4
29
27
4
3
14
12
5
5
70
39
17
5
86
104
50
47
120
139
16
20
29
29
29
43
8
6
21
18
16
16
18
26
12
3
4
4
21
27
26
30

4. Distribution of Fixed Capital

The data presented in Table-5 and the accompanying chart offer a comprehensive analysis of the distribution of Fixed Capital across 2-digit industry groups (NIC 2008) for the years 2020-21 and 2021-22. These insights shed light on investment trends and capital allocation within various industries during this period.

Key Observations:

1. **Dominant Industry Groups - Fixed Capital Share:**

   - In 2020-21 and 2021-22, the industry group with NIC Code 20, "Manufacture of Chemicals & Chemical Products," held the largest share of Fixed Capital.

     - In 2020-21, NIC Code 20 accounted for Fixed Capital worth ₹1,45,804 lakhs, constituting 23.20% of the total.

     - In 2021-22, NIC Code 20 took the lead with Fixed Capital amounting to ₹1,36,627 lakhs, representing 22.96% of the total.

2. **Second-Largest Fixed Capital Share:**

   - In 2020-21 and 2021-22, the industry group with NIC Code 22, "Manufacture of Rubber and Plastics Products," held the second- largest share of Fixed Capital.

     - In 2020-21, NIC Code 22 accounted for Fixed Capital worth ₹1,05,988 lakhs, constituting 16.86% of the total.

     - In 2021-22, NIC Code 22 took the lead with Fixed Capital amounting to ₹1,19,270 lakhs, representing 20.04% of the total.

     -

3. **Upward Trend in Fixed Capital Investment (2021-22 vs. 2020-21):**

   - Several industry groups displayed an upward trend in Fixed Capital investment during 2021-22 compared to the previous year (2020-21). These include:

- NIC Code 13: Manufacture of Textiles
- NIC Code 16: Manufacture of Wood and Products of Wood and Cork (except furniture)
- NIC Code 21: Manufacture of pharmaceuticals, medicinal chemical & Botanical products
- NIC Code 22: Manufacture of Rubber & Plastics products
- NIC Code 25: Manufacture of Fabricated Metal Products (except Machinery & Equipment)
- NIC Code 26: Manufacture of Computer, Electronic & Optical Products
- NIC Code 29: Manufacture of Motor Vehicles, Trailers & Semi-Trailers
- NIC Code other: Other

4. Downward Movement in Fixed Capital Investment (2021-22 vs. 2020-21):

➢ Conversely, several industry groups experienced a decline in Fixed Capital investment during 2021-22 compared to the previous year 2020-21. These include:

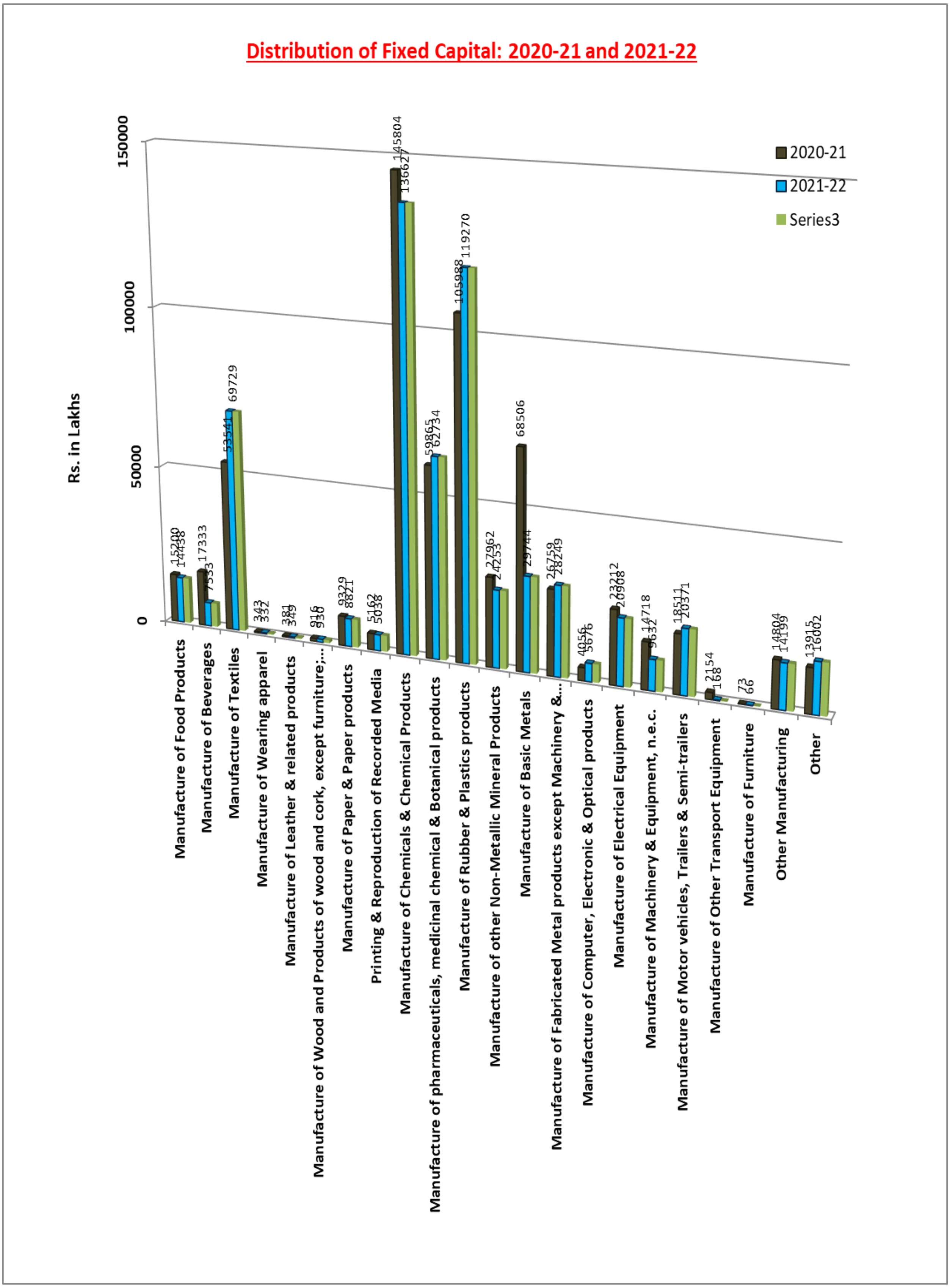
- NIC Code 10: Manufacture of Food Products
- NIC Code 11: Manufacture of Beverages
- NIC Code 14: Manufacture of Wearing apparel
- NIC Code 15: Manufacture of Leather & Related Products
- NIC Code 17: Manufacture of Paper & Paper Products
- NIC Code 18: Printing & Reproduction of Recorded Media
- NIC Code 20: Manufacture of Chemicals & Chemical Products
- NIC Code 23: Manufacture of Other Non-Metallic Mineral Products

- NIC Code 24: Manufacture of Basic Metals
- NIC Code 27: Manufacture of Electrical Equipment
- NIC Code 28: Manufacture of Machinery & Equipment (n.e.c.)
- NIC Code 30: Manufacture of Other Transport Equipment
- NIC Code 31: Manufacture of Furniture
- NIC Code 32: Other Manufacturing

TABLE - 5

Distribution of Fixed Capital (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2021-22 over 2020-21
		Fixed Capital (₹ in Lakhs)	%	Fixed Capital (₹ in Lakhs)	%	
(1)	*(2)*	*(3)*	*(4)*	*(5)*	*(6)*	*(7)*
10	Manufacture of Food Products	15200	2.42	14438	2.43	-5.01
11	Manufacture of Beverages	17333	2.76	7533	1.27	-56.54
13	Manufacture of Textiles	53541	8.52	69729	11.72	30.23
14	Manufacture of Wearing apparel	343	0.05	332	0.06	-3.21
15	Manufacture of Leather & related products	381	0.06	349	0.06	-8.40
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	916	0.15	930	0.16	1.53
17	Manufacture of Paper & Paper products	9329	1.48	8821	1.48	-5.45
18	Printing & Reproduction of Recorded Media	5162	0.82	5038	0.85	-2.40
20	Manufacture of Chemicals & Chemical Products	145804	23.20	136627	22.96	-6.29
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	59865	9.52	62734	10.54	4.79
22	Manufacture of Rubber & Plastics products	105988	16.86	119270	20.04	12.53
23	Manufacture of other Non-Metallic Mineral Products	27962	4.45	24253	4.08	-13.26
24	Manufacture of Basic Metals	68506	10.90	29744	5.00	-56.58
25	Manufacture of Fabricated Metal products except Machinery & Equipment	26759	4.26	28249	4.75	5.57
26	Manufacture of Computer, Electronic & Optical products	4056	0.65	5676	0.95	39.94
27	Manufacture of Electrical Equipment	23212	3.69	20908	3.51	-9.93
28	Manufacture of Machinery & Equipment, n.e.c.	14718	2.34	9632	1.62	-34.56
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	18511	2.95	20371	3.42	10.05
30	Manufacture of Other Transport Equipment	2154	0.34	168	0.03	-92.20
31	Manufacture of Furniture	73	0.01	66	0.01	-9.59
32	Other Manufacturing	14804	2.36	14199	2.39	-4.09
Other	Other	13915	2.21	16002	2.69	15.00
	Total	**628532**	**100.00**	**595069**	**100.00**	**-5.32**


Distribution of Fixed Capital: 2020-21 and 2021-22
Rs. in Lakhs
0
50000
100000
150000
2020-21
2021-22
Series3
Manufacture of Food Products
Manufacture of Beverages
Manufacture of Textiles
Manufacture of Wearing apparel
Manufacture of Leather & related products
Manufacture of Wood and Products of wood and cork, except furniture;...
Manufacture of Paper & Paper products
Printing & Reproduction of Recorded Media
Manufacture of Chemicals & Chemical Products
Manufacture of pharmaceuticals, medicinal chemical & Botanical products
Manufacture of Rubber & Plastics products
Manufacture of other Non-Metallic Mineral Products
Manufacture of Basic Metals
Manufacture of Fabricated Metal products except Machinery &...
Manufacture of Computer, Electronic & Optical products
Manufacture of Electrical Equipment
Manufacture of Machinery & Equipment, n.e.c.
Manufacture of Motor vehicles, Trailers & Semi-trailers
Manufacture of Other Transport Equipment
Manufacture of Furniture
Other Manufacturing
Other

5. Distribution of Working Capital

The data in Table 6 provides a comprehensive overview of the distribution of Working Capital across 2-digit industry groups (NIC code) for the years 2020-21 and 2021-22. This analysis offers an understanding into how Working Capital was allocated among various industries during this period.

Key Observations:

1. **Top Industry Groups - Working Capital Share:**

   - In 2020-21, the industry group with NIC Code 26, "Manufacture of Computer, Electronic and Optical Products" held the highest share of Working Capital, amounting to ₹1,15,893 lakhs, which constituted a significant 30.96% of the total.

   - Conversely, in 2021-22, the industry group with NIC Code 32, "Other Manufacturing" took the lead, contributing Working Capital of ₹80,641 lakhs, representing 28.41% of the total.

2. **Second-Largest Working Capital Share:**

   - In 2020-21, the industry group with NIC Code 22, "Manufacture of Rubber and Plastic Products" held the second-largest Working Capital share. It contributed ₹47,294 lakhs (12.63% of the total).

   - The dynamic shifted in 2021-22, with NIC Code 26, "Manufacture of Computer, Electronic and Optical Products," securing the second-largest share of Working Capital, amounting to ₹74,891 lakhs (26.39% of the total).

3. **Upward Movement in Working Capital (2021-22 vs. 2020-21):**

   - Several industry groups exhibited an upward trend in Working Capital during 2021-22 compared to the previous year (2020-21). These include:

     - NIC Code 10: Manufacture of Food Products

     - NIC Code 15: Manufacture of Leather & Related Products

- NIC Code 16: Manufacture of Wood and Products of Wood and Cork (except furniture); Manufacture of Articles of Straw and Plaiting Materials
- NIC Code 21: Manufacture of Pharmaceuticals, Medicinal Chemical & Botanical Products
- NIC Code 23: Manufacture of Other Non-Metallic Mineral Products
- NIC Code 24: Manufacture of Basic Metals
- NIC Code 31: Manufacture of Furniture
- NIC Code 32: Other Manufacturing
- NIC Code Other: Other

4. Downward Movement in Working Capital (2021-22 vs. 2020-21):

➢ Conversely, multiple industry groups experienced a decrease in Working Capital during 2021-22 compared to the previous year (2020-21). These include:

- NIC Code 11: Manufacture of Beverages
- NIC Code 13: Manufacture of Textiles
- NIC Code 14: Manufacture of Wearing apparel
- NIC Code 17: Manufacture of Paper & Paper Products
- NIC Code 18: Printing & Reproduction of Recorded Media
- NIC Code 20: Manufacture of Chemicals & Chemical Products
- NIC Code 22: Manufacture of Rubber & Plastics Products
- NIC Code 25: Manufacture of Fabricated Metal Products (except Machinery & Equipment)
- NIC Code 26: Manufacture of Computer, Electronic & Optical products

- NIC Code 27: Manufacture of Electrical Equipment
- NIC Code 28: Manufacture of Machinery & Equipment (n.e.c.)
- NIC Code 29: Manufacture of Motor Vehicles, Trailers & Semi-Trailers
- NIC Code 30: Manufacture of Other Transport Equipment

5. **Total Working Capital Decrease:**

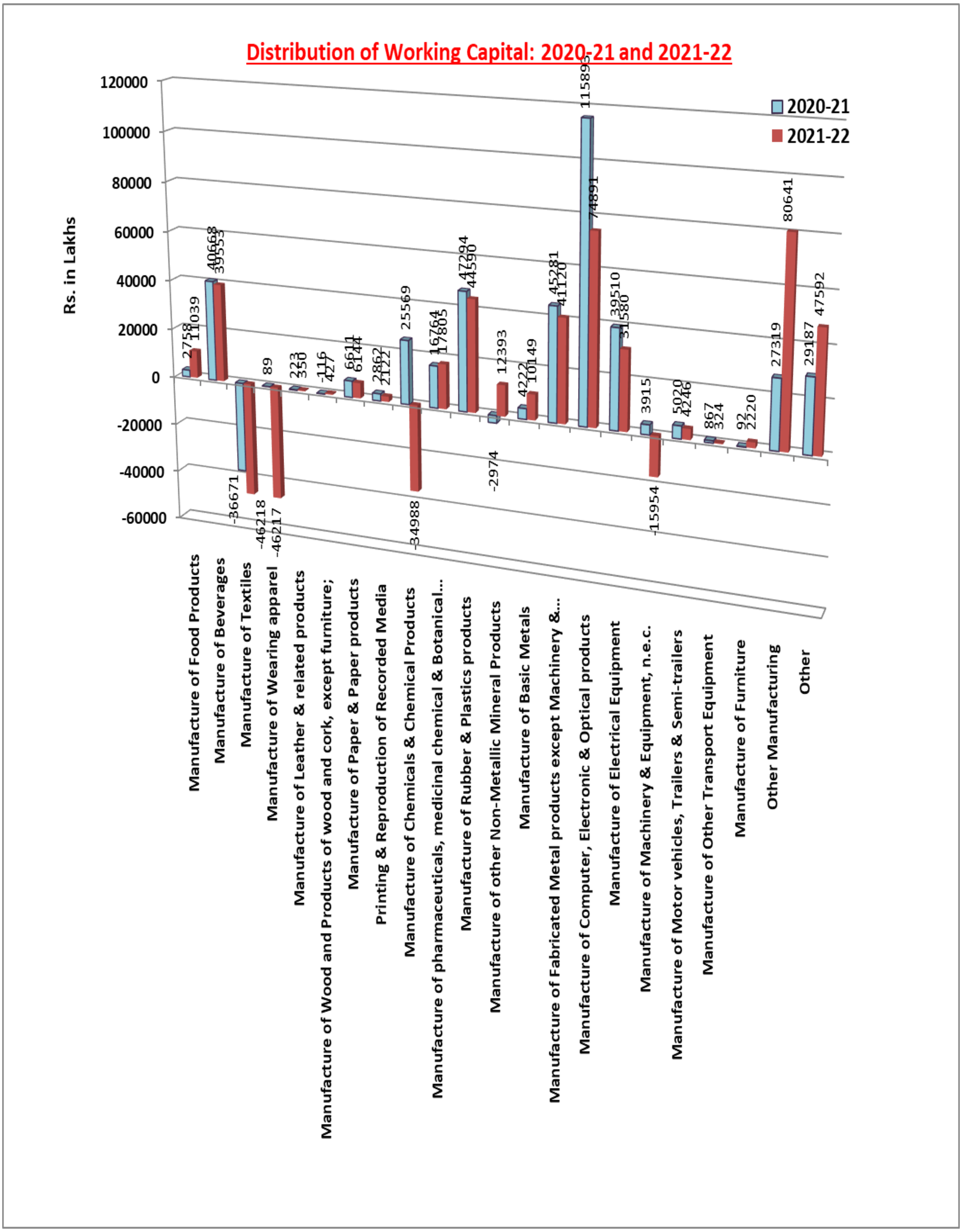
   - The overall Working Capital value across all factories witnessed a substantial decrease of 24.19% during 2021-22, amounting to ₹2,83,809 lakhs, compared to the previous year 2020-21, where it stood at ₹3,74,384 lakhs.

This analysis provides a deeper understanding of how Working Capital was distributed across various industry groups, highlighting significant shifts and trends in capital allocation within the manufacturing sector during the specified period.

TABLE - 6

Distribution of Working Capital (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2021-22 over 2020-21
		Working Capital (in lakh)	%	Working Capital (in lakh)	%	
(1)	*(2)*	*(3)*	*(4)*	*(5)*	*(6)*	*(7)*
10	Manufacture of Food Products	2758	0.74	11039	3.89	300.25
11	Manufacture of Beverages	40668	10.86	39553	13.94	-2.74
13	Manufacture of Textiles	-36671	-9.80	-46218	-16.28	-26.03
14	Manufacture of Wearing apparel	89	0.02	-46217	-16.28	-52029.21
15	Manufacture of Leather & related products	223	0.06	350	0.12	56.95
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	-116	-0.03	427	0.15	468.10
17	Manufacture of Paper & Paper products	6611	1.77	6144	2.16	-7.06
18	Printing & Reproduction of Recorded Media	2862	0.76	2122	0.75	-25.86
20	Manufacture of Chemicals & Chemical Products	25569	6.83	-34988	-12.33	-236.84
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	16764	4.48	17805	6.27	6.21
22	Manufacture of Rubber & Plastics products	47294	12.63	44590	15.71	-5.72
23	Manufacture of other Non-Metallic Mineral Products	-2974	-0.79	12393	4.37	516.71
24	Manufacture of Basic Metals	4222	1.13	10149	3.58	140.38
25	Manufacture of Fabricated Metal products except Machinery & Equipment	45281	12.09	41120	14.49	-9.19
26	Manufacture of Computer, Electronic & Optical products	115893	30.96	74891	26.39	-35.38
27	Manufacture of Electrical Equipment	39510	10.55	31580	11.13	-20.07
28	Manufacture of Machinery & Equipment, n.e.c.	3915	1.05	-15954	-5.62	-507.51
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	5020	1.34	4246	1.50	-15.42
30	Manufacture of Other Transport Equipment	867	0.23	324	0.11	-62.63
31	Manufacture of Furniture	92	0.02	2220	0.78	2313.04
32	Other Manufacturing	27319	7.30	80641	28.41	195.18
Other	Other	29187	7.80	47592	16.77	63.06
	Total	**374384**	**100.0**	**283809**	**100.0**	**-24.19**


Distribution of Working Capital: 2020-21 and 2021-22
Rs. in Lakhs
2020-21
2021-22
Manufacture of Food Products
Manufacture of Beverages
Manufacture of Textiles
Manufacture of Wearing apparel
Manufacture of Leather & related products
Manufacture of Wood and Products of wood and cork, except furniture;
Manufacture of Paper & Paper products
Printing & Reproduction of Recorded Media
Manufacture of Chemicals & Chemical Products
Manufacture of pharmaceuticals, medicinal chemical & Botanical...
Manufacture of Rubber & Plastics products
Manufacture of other Non-Metallic Mineral Products
Manufacture of Basic Metals
Manufacture of Fabricated Metal products except Machinery &...
Manufacture of Computer, Electronic & Optical products
Manufacture of Electrical Equipment
Manufacture of Machinery & Equipment, n.e.c.
Manufacture of Motor vehicles, Trailers & Semi-trailers
Manufacture of Other Transport Equipment
Manufacture of Furniture
Other Manufacturing
Other

6. Distribution of Gross Value of Plant and Machinery

The data presented in Table 7 offers a detailed examination of the distribution of Gross Value of Plant and Machinery across 2-digit industry groups (NIC code) for the years 2021-22 and 2020-21. This analysis provides valuable insights into the allocation and trends in plant and machinery values within various industries.

Key Insights:

1. **Leading Industry Group - Gross Value of Plant and Machinery Share:**

    - The industry group with NIC Code 22, "Manufacture of Rubber and Plastic Products," held the largest share of Gross Value of Plant and Machinery in both 2020-21 and 2021-22. In 2020-21, it accounted for ₹1,90,977 lakhs (27.88% of the total), and in 2021-22, it contributed ₹2,20,963 lakhs (33.14% of the total).

2. **Second-Largest Gross Value of Plant and Machinery Share:**

    - In both 2020-21 and 2021-22, the industry group with NIC Code 20, "Manufacture of Chemicals and Chemical Products," secured the second-largest share in Gross Value of Plant and Machinery. It represented ₹1,74,877 lakhs (25.53% of the total) in 2020-21 and ₹1,37,478 lakhs (20.62% of the total) in 2021-22.

3. **Upward Movement in Gross Value of Plant and Machinery (2021-22 vs. 2020-21):**

    - Several industry groups exhibited an upward trend in Gross Value of Plant and Machinery during 2021-22 compared to the previous year (2020-21). These include:

        - NIC Code 10: Manufacture of Food Products
        - NIC Code 13: Manufacture of Textiles
        - NIC Code 15: Manufacture of Leather & Related Products

- NIC Code 16: Manufacture of Wood and Products of Wood and Cork (except furniture)
- NIC Code 21: Manufacture of Pharmaceuticals, Medicinal Chemical & Botanical Products
- NIC Code 22: Manufacture of Rubber and Plastic Products
- NIC Code 23: Manufacture of Other Non-Metallic Mineral Products
- NIC Code 24: Manufacture of Basic Metals
- NIC Code 26: Manufacture of Computer, Electronic & Optical Products
- NIC Code 28: Manufacture of Machinery & Equipment, n.e.c.
- NIC Code 29: Manufacture of Motor Vehicles, Trailers & Semi-Trailers
- NIC Code 32: Other Manufacturing

4. Downward Movement in Gross Value of Plant and Machinery (2021-22 vs. 2020-21):

➢ Conversely, several industry groups experienced a decrease in Gross Value of Plant and Machinery during 2021-22 compared to the previous year (2020-21). These include:

- NIC Code 11: Manufacture of Beverages
- NIC Code 14: Manufacture of Manufacture of Wearing apparel
- NIC Code 17: Manufacture of Paper & Paper Products
- NIC Code 20: Manufacture of Chemicals and Chemical Products
- NIC Code 25: Manufacture of Fabricated Metal Products (except Machinery & Equipment)
- NIC Code 27: Manufacture of Electrical Equipment

- NIC Code 30: Manufacture of Other Transport Equipment
- NIC Code Other: Other
-

5. **Overall Decrease in Gross Value of Plant and Machinery:**

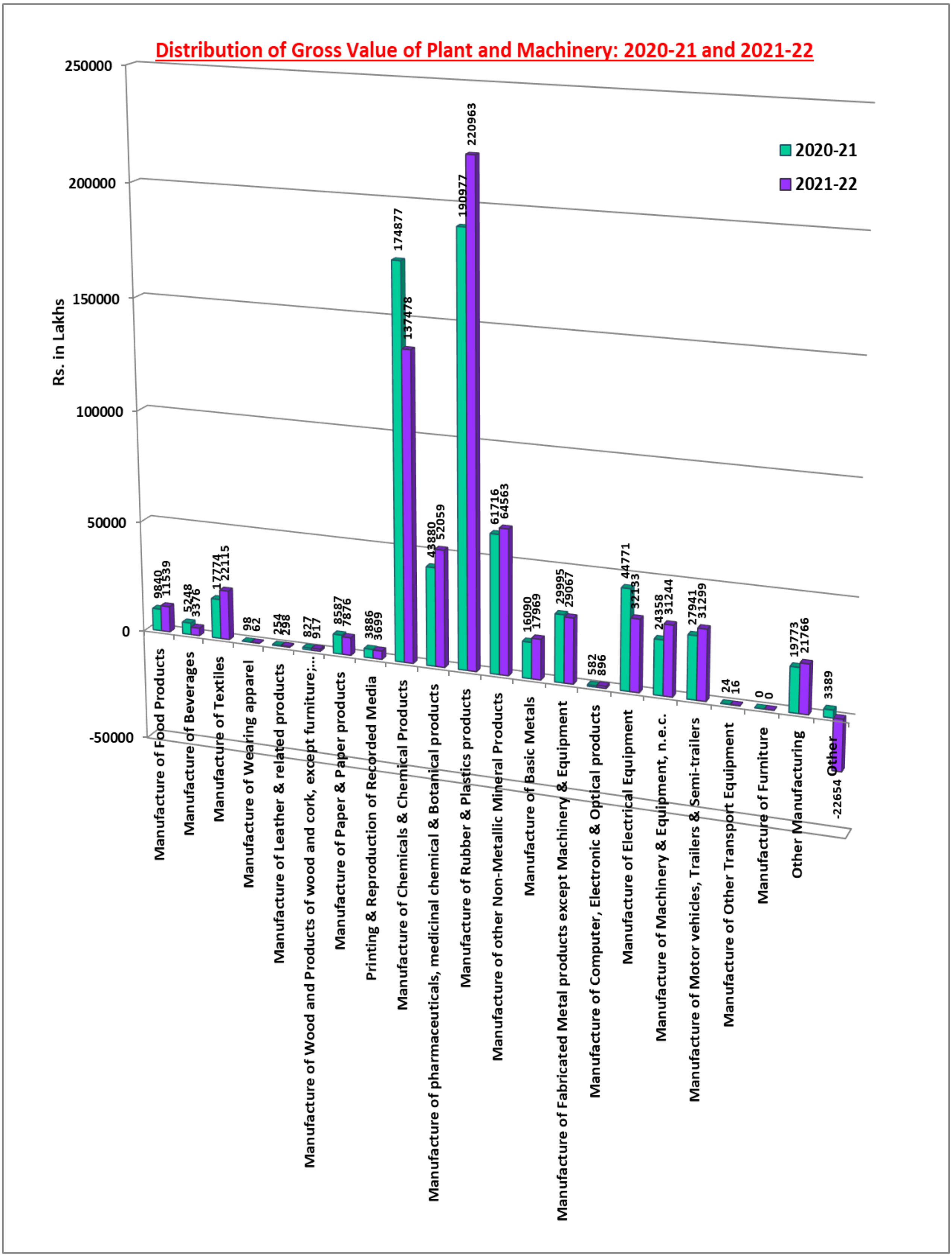
   - The total Gross Value of Plant and Machinery across all factories decreased by 2.66% in 2021-22, reaching ₹6,66,681 lakhs, compared to ₹6,84,887 lakhs in 2020-21.

This comprehensive analysis sheds light on the distribution and trends in Gross Value of Plant and Machinery among different industry groups, offering valuable insights into capital allocation and industry dynamics over the period of COVID-19.

TABLE -7

Distribution of Gross Value of Plant and Machinery (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2021-22 over 2020-21
		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	9840	1.44	11539	1.73	17.27
11	Manufacture of Beverages	5248	0.77	3376	0.51	-35.67
13	Manufacture of Textiles	17774	2.60	22115	3.32	24.42
14	Manufacture of Wearing apparel	98	0.01	62	0.01	-36.73
15	Manufacture of Leather & related products	254	0.04	298	0.04	17.32
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	827	0.12	917	0.14	10.88
17	Manufacture of Paper & Paper products	8587	1.25	7876	1.18	-8.28
18	Printing & Reproduction of Recorded Media	3886	0.57	3699	0.55	0.00
20	Manufacture of Chemicals & Chemical Products	174877	25.53	137478	20.62	-21.39
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	43880	6.41	52059	7.81	18.64
22	Manufacture of Rubber & Plastics products	190977	27.88	220963	33.14	15.70
23	Manufacture of other Non-Metallic Mineral Products	61716	9.01	64563	9.68	4.61
24	Manufacture of Basic Metals	16090	2.35	17969	2.70	11.68
25	Manufacture of Fabricated Metal products except Machinery & Equipment	29995	4.38	29067	4.36	-3.09
26	Manufacture of Computer, Electronic & Optical products	582	0.08	896	0.13	53.95
27	Manufacture of Electrical Equipment	44771	6.54	32133	4.82	-28.23
28	Manufacture of Machinery & Equipment, n.e.c.	24358	3.56	31244	4.69	28.27
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	27941	4.08	31299	4.69	12.02
30	Manufacture of Other Transport Equipment	24	0.00	16	0.00	-33.33
31	Manufacture of Furniture	0	0.00	0	0.00	-
32	Other Manufacturing	19773	2.89	21766	3.26	10.08
Other	Other	3389	0.49	-22654	-3.40	-768.46
	Total	**684887**	**100.00**	**666681**	**100.00**	**-2.66**



Distribution of Gross Value of Plant and Machinery: 2020-21 and 2021-22
Rs. in Lakhs
250000
200000
150000
100000
50000
0
-50000
2020-21
2021-22
9840
11539
5248
3376
17774
22115
98
62
254
298
827
917
8587
7876
3886
3699
174877
137478
43880
52059
190977
220963
61716
64563
16090
17969
29995
29067
582
896
44771
32133
24358
31244
27941
31299
24
16
0
0
19773
21766
3389
-22654
Manufacture of Food Products
Manufacture of Beverages
Manufacture of Textiles
Manufacture of Wearing apparel
Manufacture of Leather & related products
Manufacture of Wood and Products of wood and cork, except furniture;...
Manufacture of Paper & Paper products
Printing & Reproduction of Recorded Media
Manufacture of Chemicals & Chemical Products
Manufacture of pharmaceuticals, medicinal chemical & Botanical products
Manufacture of Rubber & Plastics products
Manufacture of other Non-Metallic Mineral Products
Manufacture of Basic Metals
Manufacture of Fabricated Metal products except Machinery & Equipment
Manufacture of Computer, Electronic & Optical products
Manufacture of Electrical Equipment
Manufacture of Machinery & Equipment, n.e.c.
Manufacture of Motor vehicles, Trailers & Semi-trailers
Manufacture of Other Transport Equipment
Manufacture of Furniture
Other Manufacturing
Other

7. Distribution of the total Output

Table 8 presents an in-depth analysis of the distribution of Total Output among 2-digit industry groups (NIC code) for the years 2020-21 and 2021-22. This analysis provides valuable insights into the contribution and trends in total production output within various industries.

Key Insights:

1. **Largest Share in Total Output:**

   - In 2020-21, the industry group with NIC Code 20, "Manufacture of Chemicals & Chemical Products," secured the largest share in Total Output with a substantial contribution of ₹5,57,272 lakhs, accounting for 19.95% of the total output.

   - In 2021-22, the industry group with NIC Code 20, "Manufacture of Chemicals & Chemical Products," emerged as the leader in Total Output, contributing ₹8,63,531 lakhs, which constituted 24.07% of the total output.

2. **Second-Largest Share in Total Output:**

   - In 2020-21 also, the industry group with NIC Code 26, "Manufacture of Computer, Electronic, and Optical Products," held the second-largest share in Total Output with ₹5,15,098 lakhs, representing 18.44% of the total.

   - In 2021-22 also, the industry group with NIC Code 26, "Manufacture of Computer, Electronic, and Optical Products," captured the second-largest share in Total Output with ₹7,37,491 lakhs, accounting for 20.56% of the total.

3. **Upward Movement in Total Output (2021-22 vs. 2020-21):**

   - Several industry groups experienced an increase in Total Output in 2020-21 compared to 2021-22. These include:

     - NIC Code 10: Manufacture of Food Products

- NIC Code 13: Manufacture of Textiles
- NIC Code 14: Manufacture of Wearing apparel
- NIC Code 15: Manufacture of Leather & related products
- NIC Code 16: Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials
- NIC Code 17: Manufacture of Paper & Paper products
- NIC Code 20: Manufacture of Chemicals & Chemical Products
- NIC Code 21: Manufacture of Pharmaceuticals, Medicinal Chemical & Botanical Products
- NIC Code 22: Manufacture of Rubber & Plastics products
- NIC Code 23: Manufacture of other Non-Metallic Mineral Products
- NIC Code 25: Manufacture of Fabricated Metal products except Machinery & Equipment
- NIC Code 26: Manufacture of Computer, Electronic & Optical products
- NIC Code 27: Manufacture of Electrical Equipment
- NIC Code 29: Manufacture of Motor vehicles, Trailers & Semi-trailers
- NIC Code 31: Manufacture of Furniture
- NIC Code 32: Other Manufacturing
- NIC Code other: Other

4. **Decrease in Total Output (2020-21 vs. 2021-22):**

   ➢ Conversely, some industry groups witnessed a decrease in the value of Total Output in 2020-21 compared to 2021-22. These encompassed:

      - NIC Code 11: Manufacture of Beverages
      - NIC Code 18: Printing & Reproduction of Recorded Media
      - NIC Code 24: Manufacture of Basic Metals
      - NIC Code 28: Manufacture of Machinery & Equipment, n.e.c.
      - NIC Code 30: Manufacture of Other Transport Equipment

5. **Overall Increase in Total Output:**

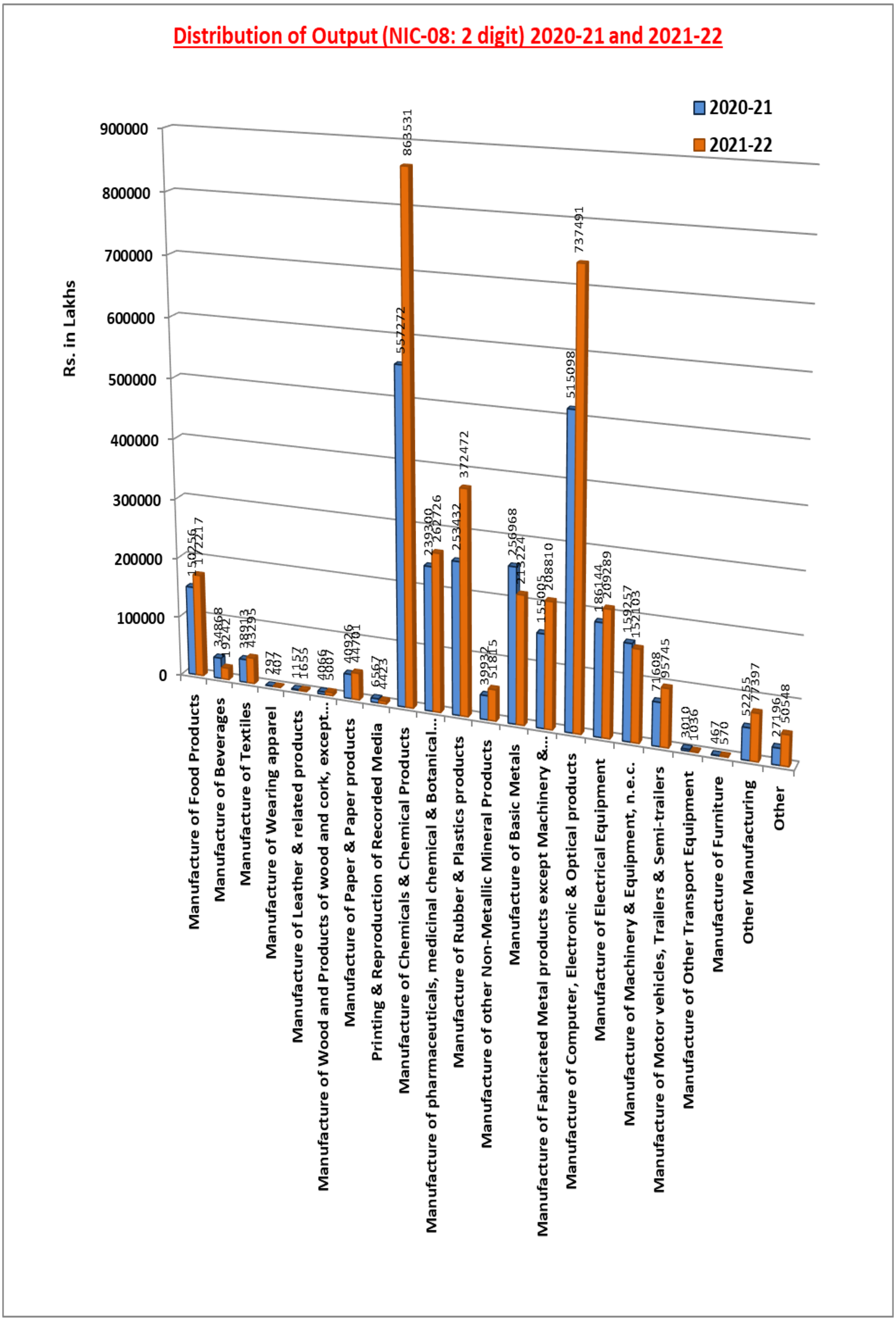
   ➢ The analysis reveals an overall increase of 28.41% in the value of Total Output during 2021-22, amounting to ₹35,87,704 lakhs, in contrast to the previous year's figure of ₹27,93,994 lakhs in 2020-21.

This comprehensive analysis offers profound view into the distribution and trends in Total Output across diverse industry groups. It highlights significant shifts in production output, providing a comprehensive overview of the industrial landscape for the specified period.

TABLE -8

Distribution of Output (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2020-21 over 2017-18
		Total Outut (₹ in lakh)	%	Total Outut (₹ in lakh)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	150256	5.38	172217	4.80	14.62
11	Manufacture of Beverages	34868	1.25	19242	0.54	-44.81
13	Manufacture of Textiles	38913	1.39	43295	1.21	11.26
14	Manufacture of Wearing apparel	297	0.01	407	0.01	37.04
15	Manufacture of Leather & related products	1157	0.04	1655	0.05	43.04
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	4066	0.15	5007	0.14	23.14
17	Manufacture of Paper & Paper products	40926	1.46	44701	1.25	9.22
18	Printing & Reproduction of Recorded Media	6567	0.24	4423	0.12	-32.65
20	Manufacture of Chemicals & Chemical Products	557272	19.95	863531	24.07	54.96
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	239300	8.56	262726	7.32	9.79
22	Manufacture of Rubber & Plastics products	253432	9.07	372472	10.38	46.97
23	Manufacture of other Non-Metallic Mineral Products	39932	1.43	51815	1.44	29.76
24	Manufacture of Basic Metals	256968	9.20	213224	5.94	-17.02
25	Manufacture of Fabricated Metal products except Machinery & Equipment	155005	5.55	208810	5.82	34.71
26	Manufacture of Computer, Electronic & Optical products	515098	18.44	737491	20.56	43.17
27	Manufacture of Electrical Equipment	186144	6.66	209289	5.83	12.43
28	Manufacture of Machinery & Equipment, n.e.c.	159257	5.70	152103	4.24	-4.49
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	71608	2.56	95745	2.67	33.71
30	Manufacture of Other Transport Equipment	3010	0.11	1036	0.03	-65.58
31	Manufacture of Furniture	467	0.02	570	0.02	22.06
32	Other Manufacturing	52255	1.87	77397	2.16	48.11
Other	Other	27196	0.97	50548	1.41	85.87
	Total	**2793994**	**100.00**	**3587704**	**100.00**	**28.41**



Distribution of Output (NIC-08: 2 digit) 2020-21 and 2021-22
2020-21
2021-22
Rs. in Lakhs
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
Manufacture of Food Products
Manufacture of Beverages
Manufacture of Textiles
Manufacture of Wearing apparel
Manufacture of Leather & related products
Manufacture of Wood and Products of wood and cork, except…
Manufacture of Paper & Paper products
Printing & Reproduction of Recorded Media
Manufacture of Chemicals & Chemical Products
Manufacture of pharmaceuticals, medicinal chemical & Botanical…
Manufacture of Rubber & Plastics products
Manufacture of other Non-Metallic Mineral Products
Manufacture of Basic Metals
Manufacture of Fabricated Metal products except Machinery &…
Manufacture of Computer, Electronic & Optical products
Manufacture of Electrical Equipment
Manufacture of Machinery & Equipment, n.e.c.
Manufacture of Motor vehicles, Trailers & Semi-trailers
Manufacture of Other Transport Equipment
Manufacture of Furniture
Other Manufacturing
Other
150256
172217
34868
19242
38913
43295
297
407
1157
1655
4066
5007
40926
44701
6567
4423
557272
863531
239300
262726
253432
372472
39932
51815
256968
213224
155005
208810
515098
737491
186144
209289
159257
152103
71608
95745
3010
1036
467
570
52255
77397
27196
50548

8. Distribution of Gross Value Added

Table 9 offers a comprehensive analysis of the distribution of Gross Value Added among 2-digit industry groups (NIC code) for the years 2020-21 and 2021-22. This analysis provides crucial insights into the contribution and trends in Gross Value Added within various industries.

Key Insights:

1. **Largest Share in Gross Value Added - 2020-21:**
   - In 2020-21, the industry group with NIC Code 20, "Manufacture of Chemicals and Chemical Products," claimed the largest share of Gross Value Added, contributing a significant ₹2,26,480 lakhs, which accounted for 30.49% of the total.
2. **Largest Share in Gross Value Added - 2021-22:**
   - In 2021-22 also, the same industry group with NIC Code 20, "Manufacture of Chemicals and Chemical Products," retained its position as the leader in Gross Value Added, with a share of ₹2,34,201 lakhs, equivalent to 34.56% of the total.
3. **Second-Largest Share in Gross Value Added - 2020-21:**
   - In 2020-21, the industry group with NIC Code 26, "Manufacture of Computer, Electronic, and Optical Products," secured the second-largest share in Gross Value Added, contributing ₹1,61,305 lakhs, representing 21.72% of the total.
4. **Second-Largest Share in Gross Value Added - 2021-22:**
   - In 2021-22, the industry group with NIC Code 21, " Manufacture of pharmaceuticals, medicinal chemical & Botanical products," claimed the second-largest share in Gross Value Added, with ₹1,09,433 lakhs, accounting for 16.15% of the total.

5. Trends in Gross Value Added (2020-21 vs. 2021-22):

- Several industry groups exhibited an increasing trend in Gross Value Added in 2021-22 compared to 2020-21. These included:
  - NIC Code 13: Manufacture of Textiles
  - NIC Code 14: Manufacture of Wearing apparel
  - NIC Code 16: Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials
  - NIC Code 17: Manufacture of Paper & Paper products
  - NIC Code 20: Manufacture of Chemicals & Chemical Products
  - NIC Code 21: Manufacture of pharmaceuticals, medicinal chemical & Botanical products
  - NIC Code 25: Manufacture of Fabricated Metal products except Machinery & Equipment
  - NIC Code 28: Manufacture of Machinery & Equipment, n.e.c.,
  - NIC Code 31: Manufacture of Furniture
  - NIC code 32: Other Manufacturing

6. Decrease in Gross Value Added (2020-21 vs. 2021-22):

- Conversely, various industry groups experienced a decrease in Gross Value Added in 2021-22 compared to 2020-21. These encompassed:
  - NIC Code 10: Manufacture of Food Products
  - NIC Code 11: Manufacture of Beverages
  - NIC Code 15: Manufacture of Leather & related products
  - NIC Code 18: Printing & Reproduction of Recorded Media
  - NIC Code 22: Manufacture of Rubber & Plastics products
  - NIC Code 23: Manufacture of other Non-Metallic Mineral Products
  - NIC Code 24: Manufacture of Basic Metals
  - NIC Code 26: Manufacture of Computer, Electronic & Optical products
  - NIC Code 27: Manufacture of Electrical Equipment

- NIC Code 29: Manufacture of Motor vehicles, Trailers & Semi-trailers
- NIC Code 30: Manufacture of Other Transport Equipment
- NIC Code other: Other

7. Overall Decrease in Gross Value Added:

- The analysis reveals an overall decrease of 8.77% in Gross Value Added during 2021-22, totalling ₹6,77,681 lakhs, in contrast to the previous year's figure of ₹7,42,820 lakhs in 2020-21.

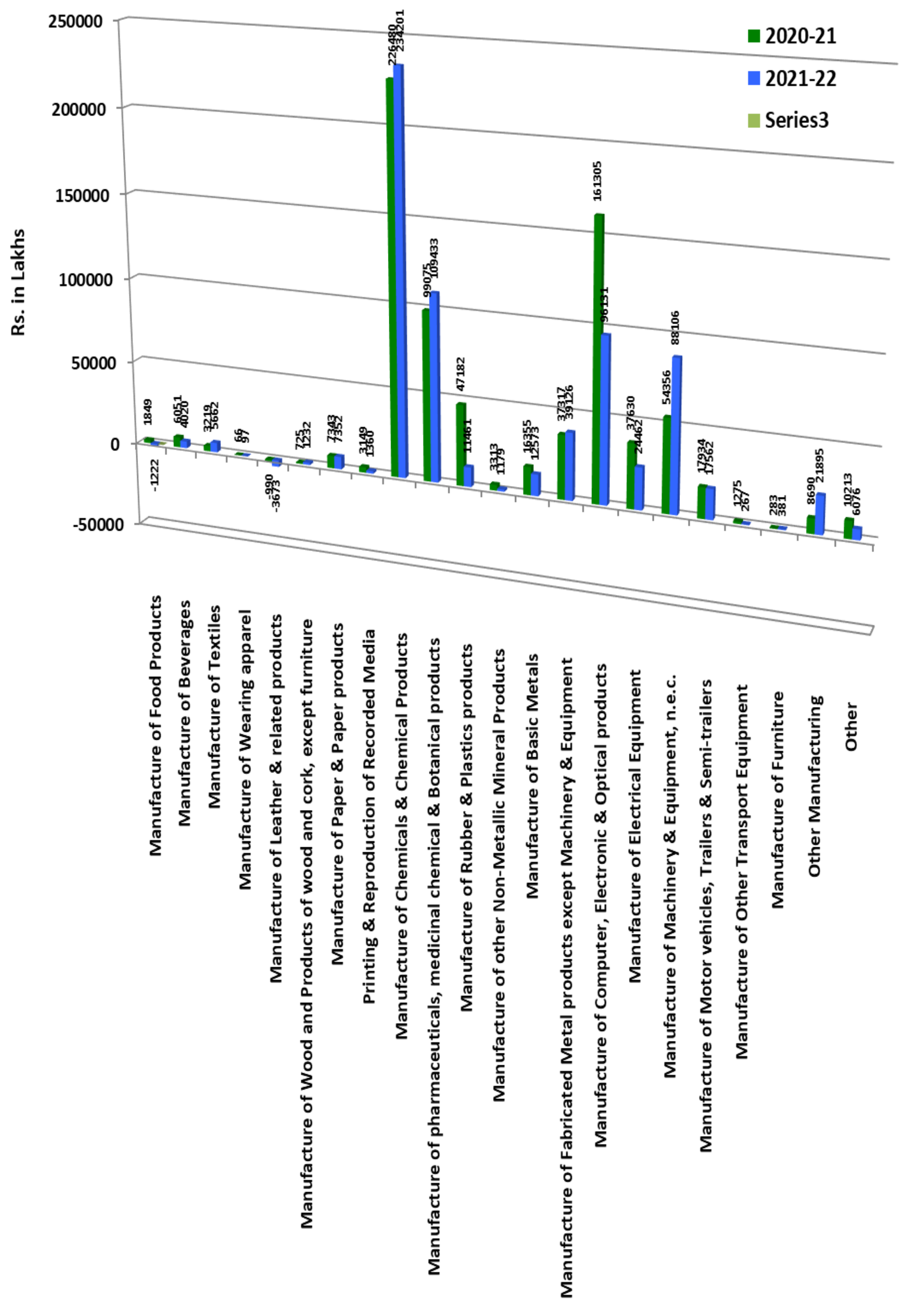
This comprehensive analysis provides valuable insights into the distribution and trends in Gross Value Added across diverse industry groups. It reveals on significant shifts in value addition within the industrial landscape for the pandemic period.

TABLE - 9

Distribution of Gross Value Added (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2021-22 over 2020-21
		G.V.A (₹ in lakh)	%	G.V.A (₹ in lakh)	%	
(1)	*(2)*	*(5)*	*(6)*	*(3)*	*(4)*	*(7)*
10	Manufacture of Food Products	1849	0.25	-1222	-0.18	-166.09
11	Manufacture of Beverages	6051	0.81	4020	0.59	-33.56
13	Manufacture of Textiles	3219	0.43	5662	0.84	75.89
14	Manufacture of Wearing apparel	66	0.01	97	0.01	46.97
15	Manufacture of Leather & related products	-990	-0.13	-3673	-0.54	-271.01
16	Manufacture of Wood and Products of wood and cork, except furniture	725	0.10	1232	0.18	69.93
17	Manufacture of Paper & Paper products	7343	0.99	7352	1.08	0.12
18	Printing & Reproduction of Recorded Media	3149	0.42	1360	0.20	-56.81
20	Manufacture of Chemicals & Chemical Products	226480	30.49	234201	34.56	3.41
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	99075	13.34	109433	16.15	10.45
22	Manufacture of Rubber & Plastics products	47182	6.35	11461	1.69	-75.71
23	Manufacture of other Non-Metallic Mineral Products	3313	0.45	1179	0.17	-64.41
24	Manufacture of Basic Metals	16355	2.20	12573	1.86	-23.12
25	Manufacture of Fabricated Metal products except Machinery & Equipment	37317	5.02	39126	5.77	4.85
26	Manufacture of Computer, Electronic & Optical products	161305	21.72	96131	14.19	-40.40
27	Manufacture of Electrical Equipment	37630	5.07	24462	3.61	-34.99
28	Manufacture of Machinery & Equipment, n.e.c.	54356	7.32	88106	13.00	62.09
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	17934	2.41	17562	2.59	-2.07
30	Manufacture of Other Transport Equipment	1275	0.17	267	0.04	-79.06
31	Manufacture of Furniture	283	0.04	381	0.06	34.63
32	Other Manufacturing	8690	1.17	21895	3.23	151.96
Other	Other	10213	1.37	6076	0.90	-40.51
	Total	**742820**	**100.00**	**677681**	**100.00**	**-8.77**

Distribution of Gross Value Added (NIC-08 2 digit): 2020-21 and 2021-22



9. Distribution of Net Value Added

Table 10 offers a comprehensive and insightful analysis of the distribution of Net Value Added among 2-digit industry groups (NIC code) for the years 2020-21 and 2021-22. This analysis provides valuable insights into the contribution and trends in Net Value Added within various industries.

Key Highlights:

1. **Largest Share in Net Value Added):**

   - In both 2020-21 and 2021-22, the industry group with NIC Code 20, "Manufacture of Chemicals and Chemical Products," held the largest share of Net Value Added. This industry contributed significantly with ₹2,14,249 lakhs (31.15% of the total) in 2020-21 and ₹2,24,849 lakhs (36.38% of the total) in 2021-22.

2. **Second-Largest Share in Net Value Added:**

   - In 2020-21, the industry group with NIC Code 26 " Manufacture of Computer, Electronic, and Optical Products," secured the second-largest share of Net Value Added. This industry contributed significantly with ₹1,59,640 lakhs (23.21% of the total) in 2020-21 and ₹94,046 lakhs (15.22% of the total) in 2021-22.

3. **Positive Trends in Net Value Added (2021-22 vs. 2020-21):**

   - Several industry groups exhibited a positive trend in Net Value Added in 2021-22 compared to 2020-21. These include:

     - NIC Code 13: Manufacture of Textiles
     - NIC Code 14: Manufacture of Wearing apparel
     - NIC Code 16: Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials
     - NIC Code 17: Manufacture of Paper & Paper products
     - NIC Code 20: Manufacture of Chemicals & Chemical Products

- NIC Code 21: Manufacture of pharmaceuticals, medicinal chemical & Botanical products
- NIC Code 25: Manufacture of Fabricated Metal products except Machinery & Equipment
- NIC Code 28: Manufacture of Machinery & Equipment, n.e.c.,
- NIC Code 31: Manufacture of Furniture
- NIC Code 32: Other Manufacturing

4. **Negative Trends in Net Value Added (2021-22 vs. 2020-21):**

   ➢ Conversely, various industry groups experienced a decline in Net Value Added in 2021-22 compared to 2020-21. These encompassed:

   - NIC Code 10: Manufacture of Food Products
   - NIC Code 11: Manufacture of Beverages
   - NIC Code 15: Manufacture of Leather & related products
   - NIC Code 18: Printing & Reproduction of Recorded Media
   - NIC Code 22: Manufacture of Rubber & Plastics products
   - NIC Code 23: Manufacture of other Non-Metallic Mineral Products
   - NIC Code 24: Manufacture of Basic Metals
   - NIC Code 26: Manufacture of Computer, Electronic & Optical products
   - NIC Code 27: Manufacture of Electrical Equipment
   - NIC Code 29: Manufacture of Motor vehicles, Trailers & Semi-trailers
   - NIC Code 30: Manufacture of Other Transport Equipment
   - NIC Code other: Other

5. **Overall Decrease in Net Value Added:**

   ➢ The analysis reveals an overall decrease of 10.12% in Net Value Added during 2021-22, totalling ₹6,18,109 lakhs, in contrast to the previous year's figure of ₹6,87,740 lakhs in 2020-21.

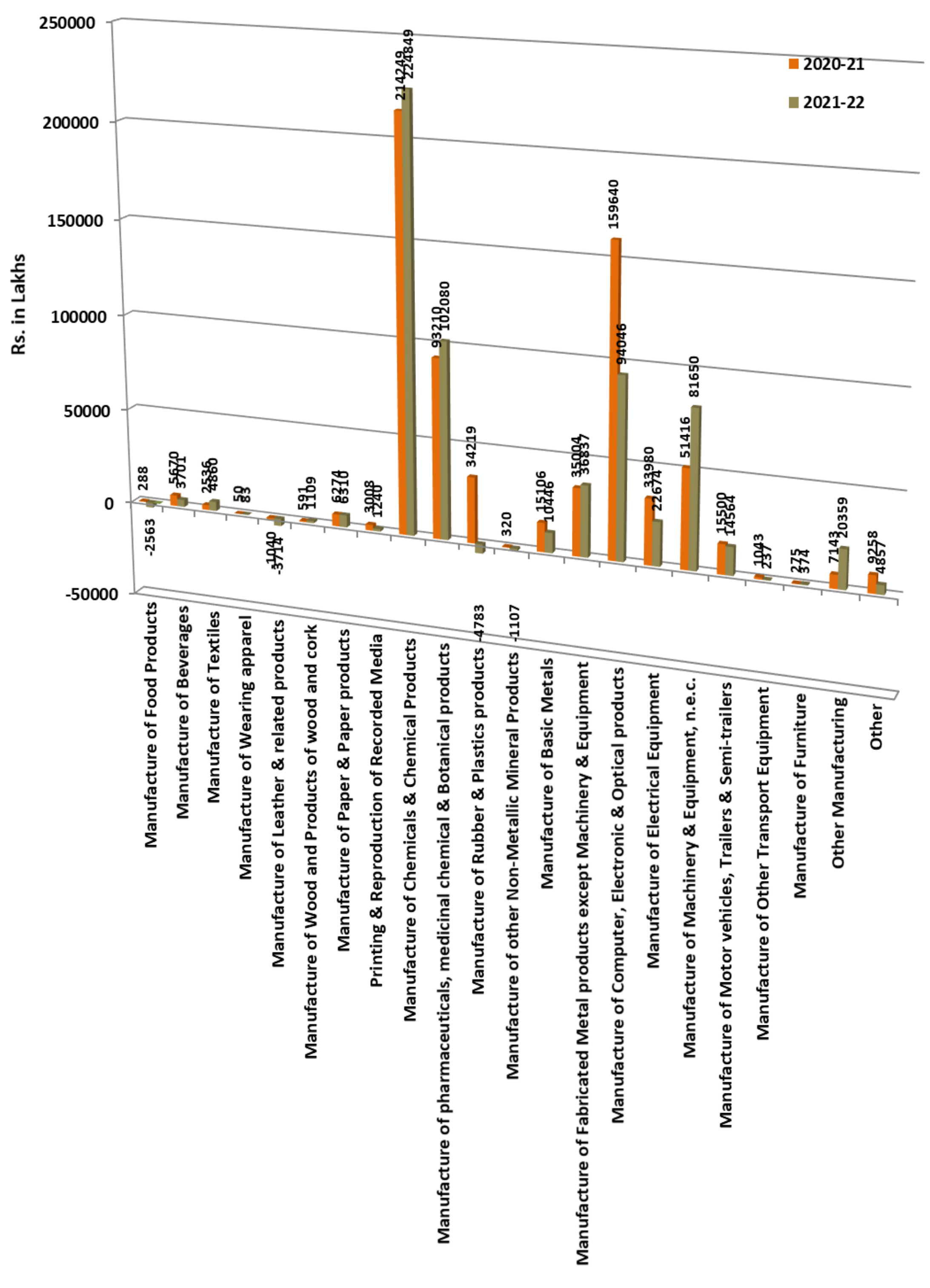
This detailed analysis provides critical insights into the distribution and trends in Net Value Added across diverse industry groups. It highlights notable shifts in value addition within the industrial landscape during the reference period.

TABLE -10

Distribution of Net Value Added (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2017-18 over 2016-17
		N.V.A (₹ in lakh)	%	N.V.A (₹ in lakh)	%	
(1)	*(2)*	*(3)*	*(4)*	*(5)*	*(6)*	*(7)*
10	Manufacture of Food Products	288	0.04	-2563	-0.41	-989.93
11	Manufacture of Beverages	5670	0.82	3701	0.60	-34.73
13	Manufacture of Textiles	2536	0.37	4860	0.79	91.64
14	Manufacture of Wearing apparel	50	0.01	83	0.01	66.00
15	Manufacture of Leather & related products	-1040	-0.15	-3714	-0.60	-257.12
16	Manufacture of Wood and Products of wood and cork	591	0.09	1109	0.18	87.65
17	Manufacture of Paper & Paper products	6274	0.91	6310	1.02	0.57
18	Printing & Reproduction of Recorded Media	3008	0.44	1240	0.20	-58.78
20	Manufacture of Chemicals & Chemical Products	214249	31.15	224849	36.38	4.95
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	93210	13.55	102080	16.51	9.52
22	Manufacture of Rubber & Plastics products	34219	4.98	-4783	-0.77	-113.98
23	Manufacture of other Non-Metallic Mineral Products	320	0.05	-1107	-0.18	-445.94
24	Manufacture of Basic Metals	15106	2.20	10446	1.69	-30.85
25	Manufacture of Fabricated Metal products except Machinery & Equipment	35004	5.09	36837	5.96	5.24
26	Manufacture of Computer, Electronic & Optical products	159640	23.21	94046	15.22	-41.09
27	Manufacture of Electrical Equipment	33980	4.94	22674	3.67	-33.27
28	Manufacture of Machinery & Equipment, n.e.c.	51416	7.48	81650	13.21	58.80
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	15500	2.25	14564	2.36	-6.04
30	Manufacture of Other Transport Equipment	1043	0.15	237	0.04	-77.28
31	Manufacture of Furniture	275	0.04	374	0.06	36.00
32	Other Manufacturing	7143	1.04	20359	3.29	185.02
Other	Other	9258	1.35	4857	0.79	-47.54
	Total	**687740**	**100.00**	**618109**	**100.00**	**-10.12**

Distribution of Net Value Added (NIC-08 2 digit): 2020-21 and 2021-22



10. Distribution of Gross Fixed Capital Formation (GFCF)

Table 11 provides an in-depth analysis of the distribution of Gross Fixed Capital Formation among 2-digit industry groups (NIC code) for the years 2020-21 and 2021-22. This analysis offers valuable insights into capital investments and trends within various industries.

Key Insights:

1. **Largest in Gross Fixed Capital Formation (GFCF):**

   - ➢ The industry group with NIC Code 24, "Manufacture of Basic Metals," held the largest share in Gross Fixed Capital Formation during 2020-21. In 2020-21, it contributed ₹14,655 lakhs (23.51% of the total).
   - ➢ The industry group with NIC Code 22, " Manufacture of Rubber and Plastic Products," held the largest share in Gross Fixed Capital Formation during 2021-22. In 2021-22, it contributed ₹27,844 lakhs (32.35% of the total).

2. **Second Largest in Gross Fixed Capital Formation (GFCF):**

   - ➢ The industry group with NIC Code 22, "Manufacture of Rubber and Plastic Products," secured the second-largest share in Gross Fixed Capital Formation. It contributed ₹13,137 lakhs (21.07% of the total) in 2020-21.
   - ➢ The industry group with NIC Code 20, “Manufacture of Chemicals & Chemical Products," secured the second-largest share in Gross Fixed Capital Formation. It contributed ₹13,031 lakhs (15.14% of the total) in 2021-22.

3. **Positive Trends in Capital Formation (2021-22 vs. 2020-21):**

   - ➢ Several industry groups showed a positive trend in Gross Fixed Capital Formation in 2021-22 compared to 2020-21. These include:
     - NIC Code 11: Manufacture of Beverages
     - NIC Code 13: Manufacture of Textiles
     - NIC Code 17: Manufacture of Paper & Paper products
     - NIC Code 18: Printing & Reproduction of Recorded Media
     - NIC Code 20: Manufacture of Chemicals & Chemical Products

- NIC Code 21: Manufacture of pharmaceuticals, medicinal chemical & Botanical products
- NIC Code 22: Manufacture of Rubber & Plastics products
- NIC Code 25: Manufacture of Fabricated Metal products except Machinery & Equipment
- NIC Code 26: Manufacture of Computer, Electronic & Optical products
- NIC Code 27: Manufacture of Electrical Equipment
- NIC Code 29: Manufacture of Motor vehicles, Trailers & Semi-trailers
- NIC Code 32: Other Manufacturing
- NIC Code other: Other

4. **Decline in Capital Formation (2021-22 vs. 2020-21):**

➢ Conversely, various industry groups experienced a decrease in Gross Fixed Capital Formation in 2021-22 compared to 2020-21. These encompassed:

- NIC Code 10: Manufacture of Food Products
- NIC Code 14: Manufacture of Wearing apparel
- NIC Code 16: Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials
- NIC Code 23: Manufacture of other Non-Metallic Mineral Products
- NIC Code 24: Manufacture of Basic Metals
- NIC Code 28: Manufacture of Machinery & Equipment, n.e.c.
- NIC Code 30: Manufacture of Other Transport Equipment
- NIC Code 31: Manufacture of Furniture

5. **Overall Increase in Gross Fixed Capital Formation:**

➢ The analysis highlights an overall increase of 38.06% in Gross Fixed Capital Formation during 2021-22, totalling ₹86,068 lakhs, compared to the previous year's figure of ₹62,339 lakhs in 2020-21.

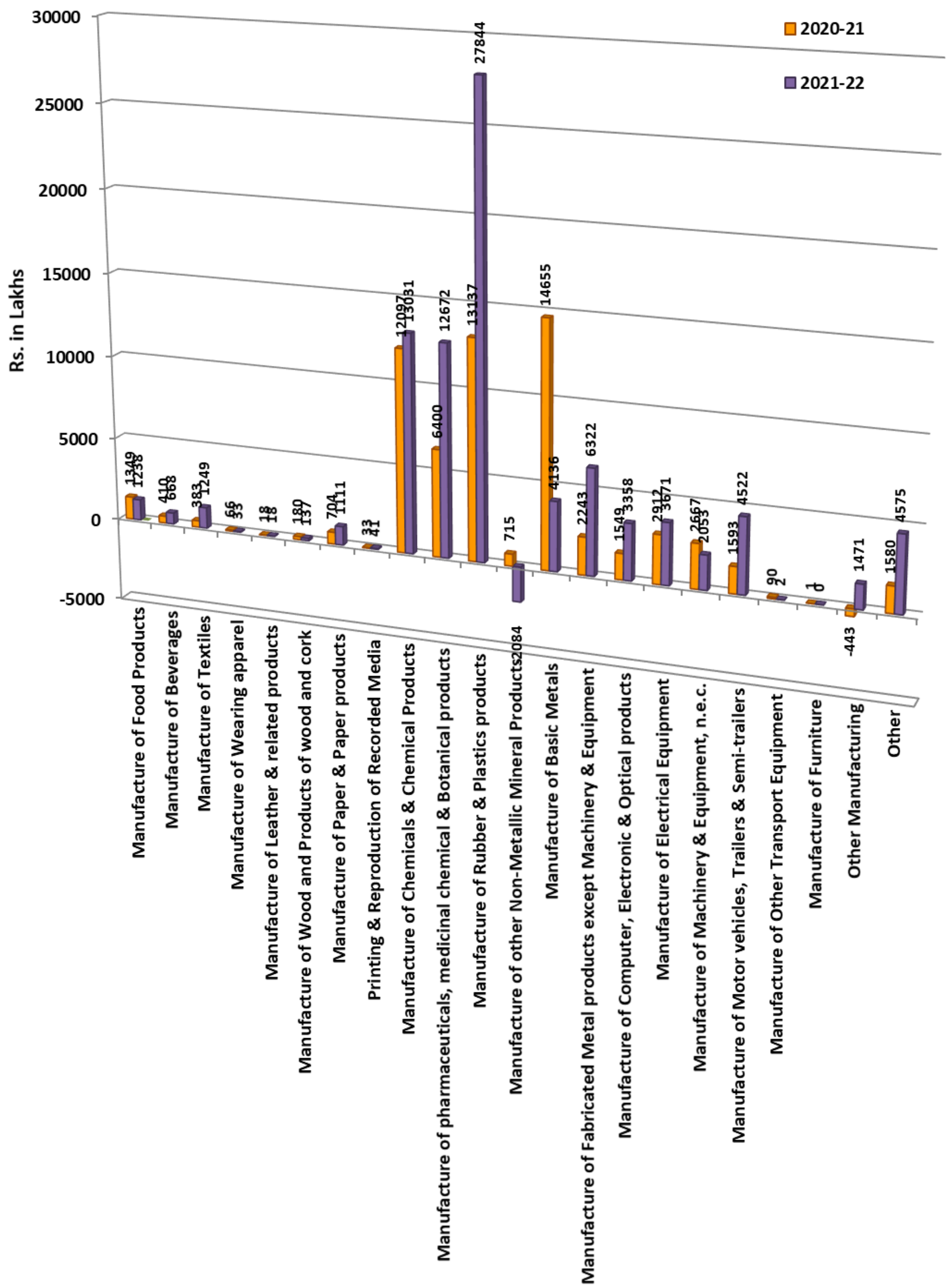
This comprehensive analysis offers valuable insights into capital investments and trends within various industry groups. It underscores notable shifts in capital formation across the industrial landscape during the specified period.

TABLE - 11

Distribution of Gross Fixed Capital Formation (GFCF) (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2021-22 over 2020-21
		GFCF (₹ in lakh)	%	GFCF (₹ in lakh)		
(1)	*(2)*	*(3)*	*(4)*	*(5)*	*(6)*	*(7)*
10	Manufacture of Food Products	1349	2.16	1238	1.44	-8.23
11	Manufacture of Beverages	410	0.66	668	0.78	62.93
13	Manufacture of Textiles	383	0.61	1249	1.45	226.11
14	Manufacture of Wearing apparel	66	0.11	33	0.04	-50.00
15	Manufacture of Leather & related products	18	0.03	18	0.02	0.00
16	Manufacture of Wood and Products of wood and cork	180	0.29	137	0.16	-23.89
17	Manufacture of Paper & Paper products	704	1.13	1111	1.29	57.81
18	Printing & Reproduction of Recorded Media	33	0.05	41	0.05	24.24
20	Manufacture of Chemicals & Chemical Products	12097	19.41	13031	15.14	7.72
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	6400	10.27	12672	14.72	98.00
22	Manufacture of Rubber & Plastics products	13137	21.07	27844	32.35	111.95
23	Manufacture of other Non-Metallic Mineral Products	715	1.15	-2084	-2.42	-391.47
24	Manufacture of Basic Metals	14655	23.51	4136	4.81	-71.78
25	Manufacture of Fabricated Metal products except Machinery & Equipment	2243	3.60	6322	7.35	181.85
26	Manufacture of Computer, Electronic & Optical products	1549	2.48	3358	3.90	116.79
27	Manufacture of Electrical Equipment	2912	4.67	3671	4.27	26.06
28	Manufacture of Machinery & Equipment, n.e.c.	2667	4.28	2053	2.39	-23.02
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	1593	2.56	4522	5.25	183.87
30	Manufacture of Other Transport Equipment	90	0.14	2	0.00	-97.78
31	Manufacture of Furniture	1	0.00	0	0.00	-100.00
32	Other Manufacturing	-443	-0.71	1471	1.71	432.05
Other	Other	1580	2.53	4575	5.32	189.56
	Total	**62339**	**100.00**	**86068**	**100.00**	**38.06**

Distribution of Gross Fixed Capital Formation GFCF) (NIC-08 2 digit): 2020-21 and 2021-22



11. Distribution of Profit

Table 12 offers an insightful analysis of profit distribution among 2-digit industry groups (NIC code) for the years 2020-21 and 2021-22. This analysis sheds light on the financial performance of various industries and provides a comprehensive overview of profit trends.

Key Highlights:

1. **Largest in Profit Share:**

   - The industry group with NIC Code 20, "Manufacture of Chemicals and Chemical Products," claimed the largest share of profit in both 2020-21 and 2021-22. In 2020-21, it accounted for a significant share of ₹1,83,418 lakhs (38.14% of the total), and this share remained substantial at ₹1,92,856 lakhs (47.26% of the total) in 2021-22.

2. **Second Largest in Profit Share:**

   - The industry group with NIC Code 26, "Manufacture of Computer, Electronic and Optical Products," secured the second-highest share of profit in both 2020-21 and 2021-22. In 2020-21, it accounted for a significant share of ₹1,51,453 lakhs (31.50% of the total), and this share remained substantial at ₹89,018 lakhs (21.81% of the total) in 2021-22.

3. **Positive Profit Trends in 2020-21:**

   - Several industry groups, including the following industry groups achieved positive profit growth in 2020-21 compared to 2021-22:
     - NIC Code 11: Manufacture of Beverages
     - NIC Code 13: Manufacture of Textiles
     - NIC Code 14: Manufacture of Wearing apparel
     - NIC Code 16: Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials
     - NIC Code 17: Manufacture of Paper & Paper products
     - NIC Code 20: Manufacture of Chemicals & Chemical Products

- NIC Code 21: Manufacture of pharmaceuticals, medicinal chemical & Botanical products
- NIC Code 24: Manufacture of Basic Metals
- NIC Code 28: Manufacture of Machinery & Equipment, n.e.c.,
- NIC Code 32: Manufacture of Furniture

4. Profit Decline in 2021-22:

➢ Conversely, various industry groups experienced a decrease in profit in 2021-22 compared to 2020-21. These encompassed:

- NIC Code 10: Manufacture of Food Products
- NIC Code 15: Manufacture of Leather & related products
- NIC Code 18: Printing & Reproduction of Recorded Media
- NIC Code 22: Manufacture of Rubber & Plastics products
- NIC Code 23: Manufacture of other Non-Metallic Mineral Products
- NIC Code 25: Manufacture of Fabricated Metal products except Machinery & Equipment
- NIC Code 26: Manufacture of Computer, Electronic & Optical products
- NIC Code 27: Manufacture of Electrical Equipment
- NIC Code 29: Manufacture of Motor vehicles, Trailers & Semi-trailers
- NIC Code 30: Manufacture of Other Transport Equipment
- NIC Code 31: Manufacture of Furniture
- NIC Code other: Other

5. Overall Profit Increase:

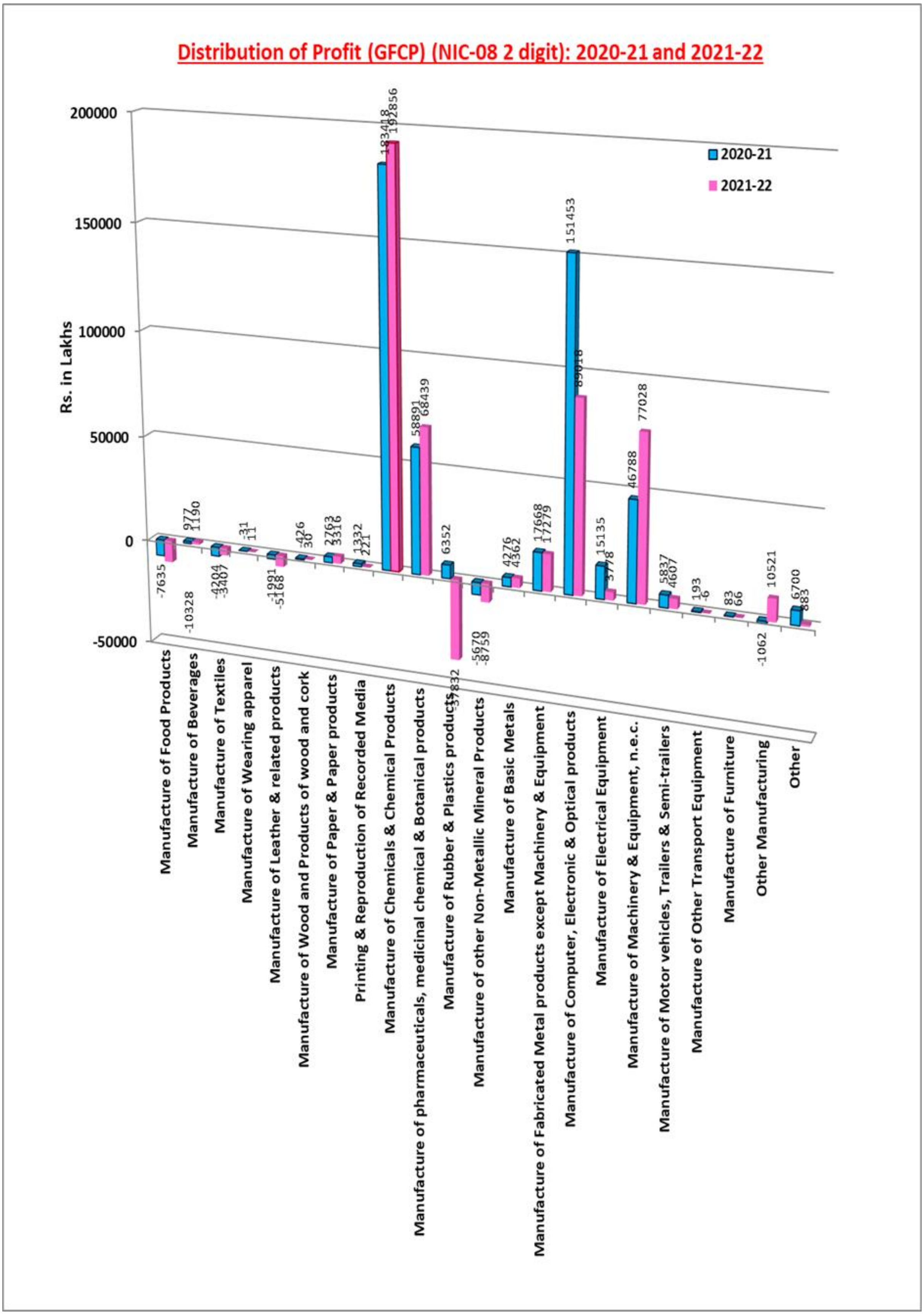
➢ The cumulative profits earned by all industry groups amounted to ₹4,08,105 lakhs in 2021-22, reflecting a notable decrease of 15.13% from the previous year's figure of ₹4,80,847 lakhs in 2020-21.

This comprehensive analysis provides valuable insights into the financial performance and profit trends across various industry groups. It highlights the industries that have maintained or improved their profitability and those facing challenges in generating profits during the pandemic period.

TABLE -12

Distribution of Profit (NIC-08: 2 digit) 2020-21 & 2021-22

NIC Code	Description of Industry Group	2020-21		2021-22		% (+) / (-) in 2021-22 over 2020-21
		Profit (₹ in lakh)	%	Profit (₹ in lakh)	%	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
10	Manufacture of Food Products	-7635	-1.59	-10328	-2.53	-35.27
11	Manufacture of Beverages	977	0.20	1190	0.29	21.80
13	Manufacture of Textiles	-4204	-0.87	-3407	-0.83	18.96
14	Manufacture of Wearing apparel	-31	-0.01	11	0.00	135.48
15	Manufacture of Leather & related products	-1991	-0.41	-5168	-1.27	-159.57
16	Manufacture of Wood and Products of wood and cork	-426	-0.09	30	0.01	107.04
17	Manufacture of Paper & Paper products	2763	0.57	3316	0.81	20.01
18	Printing & Reproduction of Recorded Media	1332	0.28	221	0.05	-83.41
20	Manufacture of Chemicals & Chemical Products	183418	38.14	192856	47.26	5.15
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	58891	12.25	68439	16.77	16.21
22	Manufacture of Rubber & Plastics products	6352	1.32	-37832	-9.27	-695.59
23	Manufacture of other Non-Metallic Mineral Products	-5670	-1.18	-8759	-2.15	-54.48
24	Manufacture of Basic Metals	4276	0.89	4362	1.07	2.01
25	Manufacture of Fabricated Metal products except Machinery & Equipment	17668	3.67	17279	4.23	-2.20
26	Manufacture of Computer, Electronic & Optical products	151453	31.50	89018	21.81	-41.22
27	Manufacture of Electrical Equipment	15135	3.15	3778	0.93	-75.04
28	Manufacture of Machinery & Equipment, n.e.c.	46788	9.73	77028	18.87	64.63
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	5837	1.21	4607	1.13	-21.07
30	Manufacture of Other Transport Equipment	193	0.04	-6	0.00	-103.11
31	Manufacture of Furniture	83	0.02	66	0.02	-20.48
32	Other Manufacturing	-1062	-0.22	10521	2.58	1090.68
Other	Other	6700	1.39	883	0.22	-86.82
	Total	**480847**	**100.00**	**408105**	**100.00**	**-15.13**



Distribution of Profit (GFCP) (NIC-08 2 digit): 2020-21 and 2021-22
Rs. in Lakhs
2020-21
2021-22
Manufacture of Food Products
Manufacture of Beverages
Manufacture of Textiles
Manufacture of Wearing apparel
Manufacture of Leather & related products
Manufacture of Wood and Products of wood and cork
Manufacture of Paper & Paper products
Printing & Reproduction of Recorded Media
Manufacture of Chemicals & Chemical Products
Manufacture of pharmaceuticals, medicinal chemical & Botanical products
Manufacture of Rubber & Plastics products
Manufacture of other Non-Metallic Mineral Products
Manufacture of Basic Metals
Manufacture of Fabricated Metal products except Machinery & Equipment
Manufacture of Computer, Electronic & Optical products
Manufacture of Electrical Equipment
Manufacture of Machinery & Equipment, n.e.c.
Manufacture of Motor vehicles, Trailers & Semi-trailers
Manufacture of Other Transport Equipment
Manufacture of Furniture
Other Manufacturing
Other

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 2020-21 and 2021-22.

In 2020-21, the industry group with NIC group 22 “Manufacture of Rubber and plastic products,” had the maximum number of employees with 9,074 number of employees in which workers were 7,466 in number and the rest 1,608 employees were managerial, supervisory and other employees and their wages and salaries including bonus was ₹21,203 lakhs.

In the year 2021-22 also, the industry group with NIC group 22 “Manufacture of Rubber and Plastic products,” had the maximum number of employees with 8,973 number of employees in which workers were 7,555 in number and the rest 1,418 employees were managerial, supervisory and other employees and their wages and salaries including bonus was ₹22,406 lakhs.

Overall, in the year 2020-21, there were 53,127 employees engaged in various activities in which 42,049 workers, 4,802 Supervisory & Managerial staff, 6,010 other employees and 269 unpaid family members, proprietors etc. The emoluments received per worker, per supervisory and managerial staff and per other-employee were estimated at ₹2,18,947, ₹8,59,017 and ₹3,50,283 respectively during 2020-21.

Similarly, in the year 2021-22, there were 52,663 employees engaged in various activities, in which 42,273 workers, 4,343 Supervisory & managerial staff, 5,887 other employees and 163 unpaid family members, proprietors etc. The emoluments received per worker, per supervisory & managerial staff and per other-employee were estimated at ₹1,92,291, ₹9,47,663 and ₹4,20,027 respectively during 2021-22.

It is observed that the number of persons employed in all the factories was slightly decreased by 0.87% and thus their total wages and salaries including bonus were decreased by 5.34% in 2021-22 over 2020-21.

TABLE -13

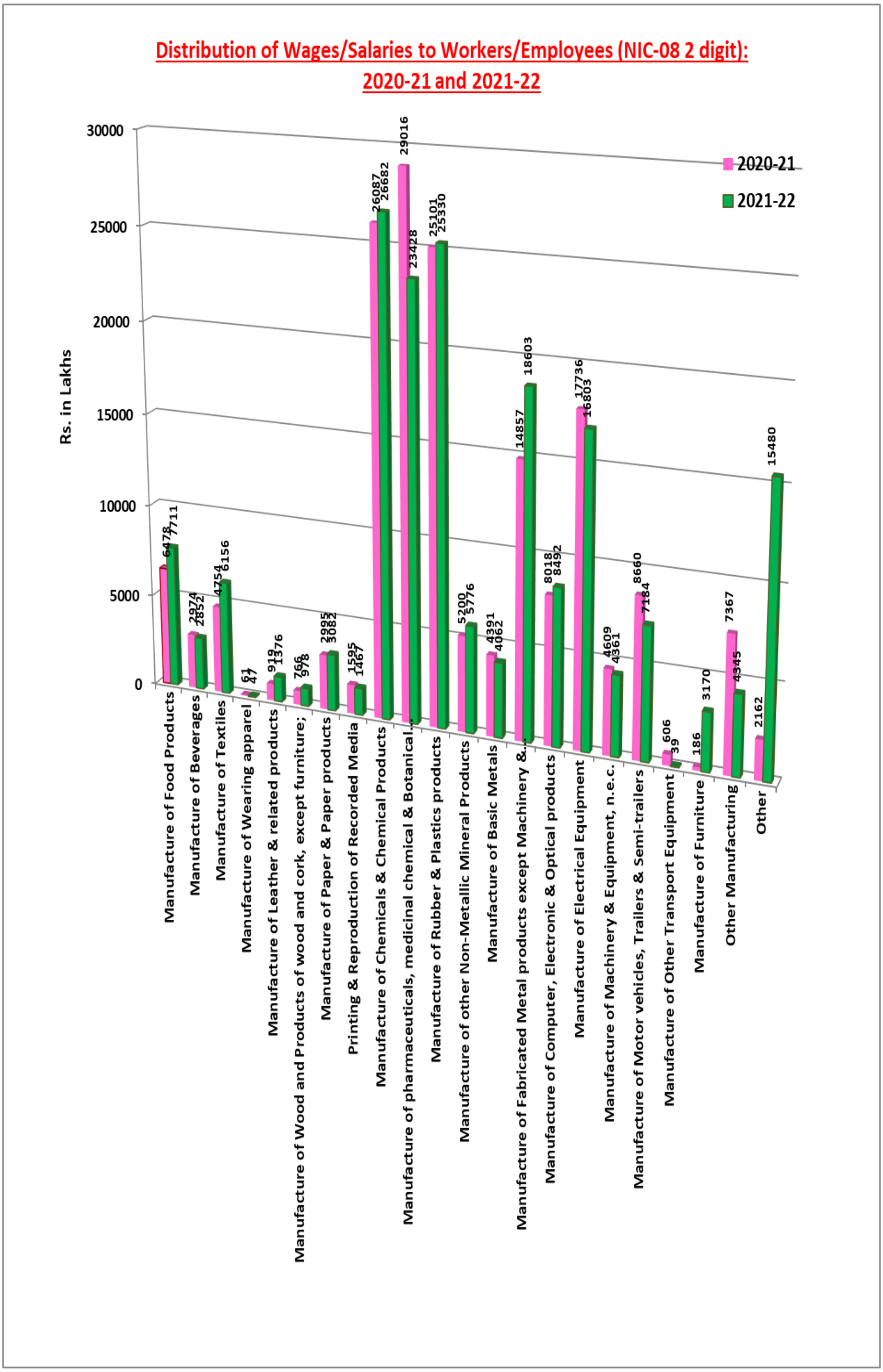
Distribution of Wages/Salaries to Workers/Employees (NIC-08: 2 digit) 2020-21

NIC Code	Description of Industries	No. of Workers	Wages to Workers (in lakh)	No. of Employees other than Workers	Wages and Salaries (in lakh)	Wages including Bonus (in lakh)	Total Emoluments (in lakh)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10	Manufacture of Food Products	1703	3302	470	5118	5386	6478
11	Manufacture of Beverages	906	1739	106	2656	2744	2974
13	Manufacture of Textiles	1272	2270	466	3998	4124	4754
14	Manufacture of Wearing apparel	43	43	7	54	56	61
15	Manufacture of Leather & related products	324	398	96	592	617	919
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	135	222	40	679	696	766
17	Manufacture of Paper & Paper products	1093	1874	199	2529	2676	2995
18	Printing & Reproduction of Recorded Media	398	890	127	1361	1386	1595
20	Manufacture of Chemicals & Chemical Products	6252	12288	1387	21612	22565	26087
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	4397	8438	1734	24677	25749	29016
22	Manufacture of Rubber & Plastics products	7466	13062	1608	20517	21203	25101
23	Manufacture of other Non-Metallic Mineral Products	1962	2458	584	4535	4721	5200
24	Manufacture of Basic Metals	1675	2328	306	3817	3940	4391
25	Manufacture of Fabricated Metal products except Machinery & Equipment	3000	9126	478	13263	13496	14857
26	Manufacture of Computer, Electronic & Optical products	922	4074	256	7102	7311	8018
27	Manufacture of Electrical Equipment	3728	6649	791	15693	15930	17736
28	Manufacture of Machinery & Equipment, n.e.c.	1010	2028	254	3134	3445	4609
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	2719	4010	591	7106	7301	8660
30	Manufacture of Other Transport Equipment	217	363	55	517	537	606
31	Manufacture of Furniture	40	136	11	184	185	186
32	Other Manufacturing	2277	4291	485	6224	6492	7367
Other	Other	733	1296	177	1802	1921	2162
	Total	**42272**	**81285**	**10228**	**147170**	**152481**	**174538**

TABLE -14

Distribution of Wages/Salaries to Workers/Employees (NIC-08: 2 digit) 2021-22

NIC Code	Description of Industries	No. of Workers	Wages to Workers (in lakh)	No. of Employees other than Workers	Wages and Salaries (in lakh)	Wages including Bonus (in lakh)	Total Emoluments (in lakh)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
10	Manufacture of Food Products	1800	3507	535	5754	6242	7711
11	Manufacture of Beverages	674	1197	164	2366	2483	2852
13	Manufacture of Textiles	2115	3540	284	4571	4648	6156
14	Manufacture of Wearing apparel	29	31	4	38	40	47
15	Manufacture of Leather & related products	563	782	138	1081	1111	1376
16	Manufacture of Wood and Products of wood and cork, except furniture; Manufacture of articles of straw and plaiting materials	160	243	41	894	901	978
17	Manufacture of Paper & Paper products	1424	1855	211	2583	2724	3082
18	Printing & Reproduction of Recorded Media	289	630	183	1232	1285	1467
20	Manufacture of Chemicals & Chemical Products	6384	12524	1284	22598	23458	26682
21	Manufacture of pharmaceuticals, medicinal chemical & Botanical products	3683	7067	1560	19260	20252	23428
22	Manufacture of Rubber & Plastics products	7555	14303	1418	21775	22406	25330
23	Manufacture of other Non-Metallic Mineral Products	1999	2601	626	4898	5125	5776
24	Manufacture of Basic Metals	1307	1851	244	3489	3667	4062
25	Manufacture of Fabricated Metal products except Machinery & Equipment	3055	10018	478	15652	15925	18603
26	Manufacture of Computer, Electronic & Optical products	869	2099	208	7324	7460	8492
27	Manufacture of Electrical Equipment	3323	5942	809	14747	14909	16803
28	Manufacture of Machinery & Equipment, n.e.c.	724	1796	295	2793	3031	4361
29	Manufacture of Motor vehicles, Trailers & Semi-trailers	2240	3255	547	5514	5696	7184
30	Manufacture of Other Transport Equipment	13	19	4	34	37	39
31	Manufacture of Furniture	1245	2077	31	2371	2930	3170
32	Other Manufacturing	1186	1624	647	3492	3609	4345
Other	Other	1411	15101	1098	11897	12689	15480
	Total	**42048**	**92062**	**10809**	**154363**	**160628**	**187424**



Distribution of Wages/Salaries to Workers/Employees (NIC-08 2 digit): 2020-21 and 2021-22
Rs. in Lakhs
2020-21
2021-22
Manufacture of Food Products
Manufacture of Beverages
Manufacture of Textiles
Manufacture of Wearing apparel
Manufacture of Leather & related products
Manufacture of Wood and Products of wood and cork, except furniture;
Manufacture of Paper & Paper products
Printing & Reproduction of Recorded Media
Manufacture of Chemicals & Chemical Products
Manufacture of pharmaceuticals, medicinal chemical & Botanical...
Manufacture of Rubber & Plastics products
Manufacture of other Non-Metallic Mineral Products
Manufacture of Basic Metals
Manufacture of Fabricated Metal products except Machinery &...
Manufacture of Computer, Electronic & Optical products
Manufacture of Electrical Equipment
Manufacture of Machinery & Equipment, n.e.c.
Manufacture of Motor vehicles, Trailers & Semi-trailers
Manufacture of Other Transport Equipment
Manufacture of Furniture
Other Manufacturing
Other
6478 7711
2974 2852
4754 6156
61 47
919 1376
766 978
2995 3082
1595 1467
26087 26682
29016 23428
25101 25330
5200 5776
4391 4062
14857 18603
8018 8492
17736 16803
4609 4361
8660 7184
606 39
186 3170
7367 4345
2162 15480

Working steps for Pooling of ASI data

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 2013-14.

As per ASI sampling design, adopted in ASI 2013-14:

(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, n2) and sub-sample 4 (say, n4) 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.

<u>For Census units</u>:

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

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

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) A closed unit may be given status code as '2' (closed) if the closed factory has at least A,B,C and E block.
b) An NOP unit may be given status code as '3' (NOP) if the NOP factory has at least A,B and C block.
c) 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 ith 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 ith district from k-th sub-sample(say,t_{ijk})= $\sum_l y_{ijkl}^{s} \times m_{ijk}$, k=1,2,3,4

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

Next, **pooled estimator of parameter y for j-th** stratum of ith district (say, S_{ij}) $=\frac{1}{n}\sum_{k=1}^{n} t_{ijk}$, where n ($\leq$ 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.

Annexure - I

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

Year: 2020-21

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	58	14438	21225	-8125	35663	2541	0	6802
11	4	7533	6052	15444	13585	903	0	5012
13	27	69729	7158	-28996	76887	1265	3	14318
14	3	332	81	75	412	33	0	117
15	12	349	506	119	856	20	0	378
16	5	930	1946	157	2877	137	2	906
17	39	8821	4775	7460	13596	1195	0	5001
18	5	5038	303	627	5341	41	2	388
20	104	136627	58802	12524	195429	16040	64	26013
21	47	62734	31502	58454	94236	10615	68	34289
22	139	119270	53256	44152	172526	49647	9	20436
23	20	24253	13113	-7259	37367	1823	7	1573
24	29	29744	25270	17471	55013	4203	2	11301
25	43	28249	45271	40981	73521	4369	8	6494
26	6	5676	81361	100023	87038	4302	0	1201
27	18	20908	24314	56509	45222	5710	12	8251
28	16	9632	11734	-58719	21366	3793	0	3656
29	26	20371	11307	10225	31678	6453	82	4923
30	3	168	68	886	237	3	0	977
31	4	66	86	71	153	0	7	47
32	27	14199	13103	24437	27302	1495	0	981
Other	30	15997	1849	18007	17846	3820	44	2257
Total	**665**	**595064**	**413082**	**304523**	**1008151**	**118408**	**310**	**155321**

Annexure -I (Contd.)

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

Year: 2020-21

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	1080	0	423	11539	138002	172217	2165	133825
11	553	0	64	3376	18412	19242	85	11231
13	3505	0	75	22115	42171	43295	2550	32308
14	18	0	0	62	359	407	12	246
15	13	0	0	298	1343	1655	86	4560
16	236	0	7	917	4306	5007	212	2647
17	457	0	3	7876	43614	44701	1631	32585
18	48	0	1	3699	2774	4423	50	2007
20	2622	1	1002	137478	850045	863531	30148	559907
21	4917	0	2315	52059	187093	262726	7154	104107
22	2525	2	156	220963	359194	372472	18299	302473
23	842	8	42	64563	46020	51815	14735	28824
24	1342	0	104	17969	196759	213224	23557	157417
25	1764	0	1177	29067	199432	208810	2547	142111
26	256	0	382	896	559883	737491	592	460699
27	274	0	891	32133	186827	209289	1310	159649
28	201	0	323	31244	150041	152103	289	44705
29	982	0	108	31299	94071	95745	2122	64194
30	30	0	1	16	1036	1036	11	682
31	1	0	7	0	562	570	7	158
32	205	0	191	21766	37670	77397	1117	16442
Other	398	0	7	3137	198	50549	647	280
Total	**22269**	**11**	**7279**	**692472**	**3119812**	**3587705**	**109326**	**2261057**

Annexure -I (Contd.)

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

Year: 2020-21

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	173439	-1222	1342	-2563	-103	1238	3803	-2487
11	15222	4020	319	3701	349	668	247	-165
14	37633	5662	802	4860	447	1249	1808	1476
13	310	97	14	83	19	33	-2	10
15	5328	-3673	40	-3714	-22	18	28	28
16	3775	1232	123	1109	14	137	258	-264
17	37349	7352	1042	6310	69	1111	972	996
18	3063	1360	120	1240	-79	41	26	-2
20	629330	234201	9351	224849	3680	13031	19715	15387
21	153293	109433	7353	102080	5319	12672	5220	1800
22	361011	11461	16243	-4783	11601	27844	9736	4455
23	50636	1179	2286	-1107	-4370	-2084	-5358	-1459
24	200651	12573	2127	10446	2009	4136	3499	653
25	169684	39126	2289	36837	4034	6322	10931	2651
26	641360	96131	2086	94046	1272	3358	45462	41094
27	184827	24462	1788	22674	1884	3671	4888	4122
28	63997	88106	6456	81650	-4403	2053	2246	1300
29	78183	17562	2998	14564	1524	4522	1479	1084
30	769	267	30	237	-28	2	-137	-14
31	189	381	8	374	-7	0	10	6
32	55502	21895	1536	20359	-65	1471	-3064	-3385
Other	44472	6077	1220	4856	3353	4574	-1390	-50
Total	**2910023**	**677682**	**59573**	**618108**	**26497**	**86067**	**100377**	**67236**

Annexure-I (Concld.)

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

Year: 2020-21

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	1521	4769	5041	-3643	-10328	2079	1590	878
11	44	368	915	3148	1190	526	399	158
13	-362	694	3057	1352	-3407	1652	1210	1040
14	5	-17	31	65	11	42	36	36
15	0	0	46	-3726	-5168	751	610	431
16	517	5	395	871	30	181	138	88
17	6	-30	2083	5853	3316	1016	844	677
18	13	15	67	1191	221	370	292	292
20	691	3637	32747	222163	192856	7901	6442	4051
21	-293	3713	17892	97095	68439	5710	3928	2036
22	2101	3180	37580	-7317	-37832	10531	8247	4213
23	29	-3928	-7441	-1956	-8759	2728	2091	1411
24	9	2837	7635	9102	4362	1892	1634	1378
25	5169	3111	17253	35065	17279	3739	3254	1191
26	70	4298	48819	93790	89018	1749	1569	1362
27	-269	1035	8560	22389	3778	3434	2829	1692
28	30	916	4300	81449	77028	1178	911	246
29	333	62	6001	13500	4607	3130	2268	1044
30	-122	-1	-134	206	-6	96	81	43
31	-1	5	12	366	66	56	40	38
32	363	-42	-1593	20154	10521	3056	2556	1560
Other	139	-1479	3184	4413	882	1310	1080	848
Total	**9993**	**23148**	**186450**	**595530**	**408104**	**53127**	**42049**	**24713**

Annexure-II

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

Year: 2020-21

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	662	216	712	454	88	366	35	633
11	90	68	241	127	47	80	0	160
13	810	230	170	429	102	327	13	494
14	24	12	0	6	5	1	0	12
15	45	386	179	128	91	37	13	207
16	87	1	50	40	20	20	3	53
17	495	182	168	129	75	54	43	294
18	262	30	0	43	8	35	35	103
20	3144	907	2390	1459	672	787	1	2514
21	1526	510	1892	1781	967	814	1	1699
22	3496	717	4034	2217	1088	1129	67	3205
23	1336	75	680	628	282	346	10	848
24	1296	82	256	249	86	163	9	586
25	996	195	2063	485	247	238	0	1146
26	433	929	207	180	97	83	0	499
27	641	1051	1137	604	215	389	1	1070
28	245	1	665	262	135	127	5	353
29	782	262	1224	854	215	639	9	932
30	42	1	38	15	8	7	0	26
31	36	2	2	11	2	9	5	14
32	862	698	996	494	189	305	7	892
Other	609	239	232	217	163	54	12	393
Total	**17919**	**6794**	**17336**	**10812**	**4802**	**6010**	**269**	**16133**

Annexure -II (Conld.)

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

Year: 2020-21

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	6684	5560	5380	3599	488	1293	181	1124
11	1959	1735	1661	947	351	363	74	224
13	4759	4136	4057	2406	789	862	79	623
14	53	47	47	37	8	2	1	6
15	1442	1181	1047	638	343	66	134	261
16	841	781	766	329	347	90	15	60
17	2537	2248	2129	1557	459	113	119	289
18	970	830	816	681	27	108	14	140
20	29307	24911	24010	14574	7027	2409	901	4396
21	28657	24800	24132	11551	9505	3076	669	3857
22	30515	25903	25012	16278	5692	3042	891	4612
23	6804	5982	5738	3037	1825	876	245	822
24	4740	4271	3974	2898	656	420	296	469
25	17786	15679	15329	11022	3320	987	351	2107
26	4772	3564	3166	2193	745	228	398	1208
27	18611	16788	15782	6459	4241	5082	1007	1823
28	4420	3147	2914	1911	825	178	233	1273
29	8894	7409	7199	4278	1910	1011	210	1485
30	212	195	187	131	41	15	7	17
31	300	184	177	113	38	26	7	116
32	9633	8092	7816	5317	1831	668	277	1541
Other	3530	3185	3028	2109	782	137	155	345
Total	**187426**	**160628**	**154367**	**92065**	**41250**	**21052**	**6264**	**26798**

Annexure -I

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

Year: 2021-22

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	49	15200	19744	2758	34944	2296	1	5169
11	11	17333	10159	40668	27492	410	0	12962
13	29	53541	5893	-36671	59434	594	11	2838
14	4	343	95	89	438	66	0	212
15	14	381	524	223	905	31	15	452
16	5	916	1688	-116	2604	223	1	738
17	70	9329	6209	6611	15538	948	8	2173
18	17	5162	357	2862	5519	32	1	506
20	86	145804	37584	25569	183388	21701	27	9697
21	50	59865	28639	16764	88504	7606	41	17606
22	120	105988	37647	47294	143635	32175	23	20459
23	16	27962	16253	-2974	44215	817	7	816
24	29	68506	53011	4222	121516	15226	99	6013
25	29	26759	33841	45281	60600	890	720	11643
26	8	4056	45915	115893	49971	2968	0	974
27	21	23212	23590	39510	46802	3763	550	363
28	16	14718	12977	3915	27695	2741	8	236
29	18	18511	9828	5020	28339	1671	21	4925
30	12	2154	252	867	2406	90	9	2371
31	4	73	75	92	148	3	5	66
32	21	14804	27593	27319	42398	3449	111	5609
Other	26	13915	1556	29187	15471	2433	20	2060
Total	**655**	**628532**	**373430**	**374383**	**1001962**	**100133**	**1678**	**107888**

Annexure -I (Contd.)

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

Year: 2021-22

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	1444	0	55	9840	131186	150256	2399	121977
11	1719	0	173	5248	21752	34868	110	14022
13	1975	0	57	17774	38447	38913	5167	28994
14	20	0	0	98	297	297	9	167
15	17	0	0	254	861	1157	35	1775
16	250	0	22	827	3362	4066	182	2265
17	508	0	8	8587	39735	40926	1928	28769
18	80	0	1	3886	3230	6567	116	2219
20	4717	1	1026	174877	544018	557272	43892	262197
21	5261	0	155	43880	198422	239300	9267	113003
22	2743	0	171	190977	243072	253432	13623	176130
23	783	0	58	61716	38212	39932	12984	18853
24	6340	0	553	16090	239028	256968	46301	168893
25	1758	0	1350	29995	145719	155005	2122	96171
26	169	0	126	582	249112	515098	417	216679
27	559	0	849	44771	161621	186144	2037	128543
28	10	1	0	24358	158728	159257	277	102927
29	982	0	134	27941	69992	71608	1634	44911
30	236	0	0	24	2318	3010	127	1365
31	1	0	14	0	459	467	6	157
32	727	0	110	19773	25008	52255	865	14486
Other	376	0	0	3389	51	27197	146	671
Total	**30675**	**2**	**4862**	**684887**	**2314630**	**2793995**	**143644**	**1545174**

Annexure -I (Contd.)

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

Year: 2021-22

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	148407	1849	1562	288	-213	1349	1441	892
11	28817	6051	380	5670	30	410	-410	-334
13	35694	3219	684	2536	-301	383	-1029	137
14	231	66	16	50	50	66	2	-5
15	2147	-990	50	-1040	-32	18	-147	-162
16	3341	725	134	591	46	180	100	-59
17	33583	7343	1069	6274	-365	704	1093	621
18	3418	3149	141	3008	-108	33	113	90
20	330792	226480	12231	214249	-134	12097	1333	1950
21	140225	99075	5865	93210	534	6400	-457	1740
22	206250	47182	12963	34219	174	13137	3459	3871
23	36619	3313	2992	320	-2278	715	620	200
24	240613	16355	1248	15106	13407	14655	2696	-886
25	117688	37317	2313	35004	-70	2243	2572	1371
26	353793	161305	1665	159640	-116	1549	-5029	3967
27	148514	37630	3649	33980	-738	2912	386	1538
28	104901	54356	2940	51416	-273	2667	6047	5629
29	53674	17934	2434	15500	-841	1593	-1138	-1508
30	1735	1275	232	1043	-142	90	-225	16
31	184	283	9	275	-8	1	-91	-61
32	43565	8690	1546	7143	-1990	-443	-5932	-522
Other	16981	10216	955	9259	627	1584	57	57
Total	**2051172**	**742823**	**55078**	**687741**	**7259**	**62343**	**5461**	**18542**

Annexure-I (Concld.)

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

Year: 2021-22

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	-195	744	2790	-1157	-7635	2186	1703	977
11	-35	-41	0	3952	977	1012	906	320
13	-305	-861	-647	550	-4204	1742	1272	1145
14	1	6	68	30	-31	50	43	38
15	39	-24	-130	-1072	-1991	433	324	285
16	159	0	279	340	-426	178	135	83
17	294	178	1797	5758	2763	1352	1093	980
18	4	19	146	2926	1332	560	398	278
20	-734	117	13430	209505	183418	7641	6252	3837
21	-1155	-1042	5943	87908	58891	6133	4397	2202
22	579	-991	16597	31452	6352	9082	7466	4333
23	37	383	1335	-470	-5670	2547	1962	1347
24	115	3467	17351	8667	4276	1989	1675	1261
25	-422	1623	4815	32526	17668	3479	3000	976
26	9	-9005	-3481	159471	151453	1179	922	522
27	-58	-1094	3298	32871	15135	4520	3728	2112
28	12	406	8714	51397	46788	1265	1010	328
29	77	293	454	14496	5837	3310	2719	1657
30	-243	2	-136	799	193	272	217	215
31	0	-30	-91	269	83	56	40	39
32	-1465	-3945	-6375	6304	-1062	2762	2277	1567
Other	0	0	1640	8864	6702	915	734	672
Total	**-3286**	**-9795**	**67797**	**655386**	**480849**	**52663**	**42273**	**25174**

Annexure-II

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

Year: 2021-22

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	724	253	726	470	96	374	14	657
11	226	94	586	106	70	36	0	302
13	900	245	127	466	102	364	4	526
14	17	21	5	7	7	0	0	14
15	41	244	39	96	32	64	13	113
16	82	1	52	40	20	20	3	50
17	708	272	113	199	104	95	60	373
18	266	12	120	127	47	80	35	166
20	3175	662	2415	1387	583	804	3	2254
21	1716	486	2195	1734	565	1169	3	1834
22	3683	650	3133	1608	1124	484	9	2569
23	1278	69	615	584	248	336	1	728
24	1232	29	415	306	96	210	8	580
25	816	160	2024	478	260	218	0	987
26	304	218	400	256	110	146	1	306
27	735	1377	1617	791	251	540	1	1316
28	328	0	682	254	63	191	1	364
29	1269	388	1062	591	238	353	0	912
30	211	4	2	55	26	29	0	71
31	37	2	1	11	2	9	5	14
32	836	731	710	485	192	293	0	804
Other	539	133	62	179	107	72	2	270
Total	**19123**	**6051**	**17101**	**10230**	**4343**	**5887**	**163**	**15210**

Annexure -II (Conld.)

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

Year: 2021-22

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	6478	5386	5118	3302	601	1215	269	1092
11	2974	2744	2656	1739	694	223	88	230
13	4754	4124	3998	2270	882	846	125	630
14	61	56	54	43	11	0	2	5
15	919	617	592	398	100	94	25	302
16	766	696	679	222	366	91	17	70
17	2995	2676	2529	1874	475	180	147	319
18	1595	1386	1361	890	219	252	25	209
20	26087	22565	21612	12288	6774	2550	953	3522
21	29016	25749	24677	8438	9323	6916	1072	3267
22	25101	21203	20517	13062	5499	1956	685	3898
23	5200	4721	4535	2458	1307	770	186	479
24	4391	3940	3817	2328	875	614	124	451
25	14857	13496	13263	9126	3318	819	234	1361
26	8018	7311	7102	4074	1541	1487	209	707
27	17736	15930	15693	6649	4041	5003	237	1806
28	4609	3445	3134	2028	888	218	312	1164
29	8660	7301	7106	4010	2391	705	195	1359
30	606	537	517	363	117	37	19	69
31	186	185	184	136	12	36	1	1
32	7367	6492	6224	4291	1337	596	268	875
Other	2162	1920	1803	1298	386	119	117	242
Total	**174538**	**152480**	**147171**	**81287**	**41157**	**24727**	**5310**	**22058**

ANNEXURE- III

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

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

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

Extracts from the Collection of Statistics Act, 2008 (No. 7 of 2009)

Power of Statistics officer to call for information or returns

5. The statistics officer may, for the purpose of collection of statistics on any specified subject in any geographical unit for which the said officer was appointed –

(a) serve or cause to be served on any informant a notice in writing asking him to furnish the information specified under sub-section (5) of section 4 or cause a information Schedule to be given to any informant for the purpose of its being filled up.

Right of access to records or documents

8. The statistics officer or any person authorised by him in writing in this behalf shall, for the purposes of collection of any statistics under this Act, have access to any relevant record or document in the possession of any informant required to furnish any information under this Act, and may enter at any reasonable time any premises where he believes such record or document is kept and may inspect or take copies of relevant records or documents or ask any question necessary for obtaining any information required to be furnished under this Act.

Offences and penalties

15. (1) Whoever, fails to produce any books of accounts, vouchers, documents or other business records or whoever neglects or refuses to supply the particulars required in any information Schedule given or sent to him or whoever neglects or refuses to answer any question or inquiry addressed to him as may be required under or for the purposes of any provision of this Act and the rules made there-under, shall be punishable with a fine which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees.

(2) The conviction of a person or company for an offence shall not relieve him or it of the obligations under sub-section (1) and if after the expiry of fourteen days from the date of conviction, he or it still fails to give the required particulars or continues to neglect or refuses to fill in and supply the particulars or to answer the question or inquiry, then he or it shall be punishable with a further fine which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees, for each day after the first during which the failure continues.

16. Whoever, wilfully makes any false or misleading statement or material omission in any information Schedule or return filled in or supplied, or in answer to any question asked to him under this Act or the rules made there under, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees or with both.

17. Whoever, destroys, defaces, removes, or mutilates any information Schedule, form, or other document containing particulars collected under this Act or requesting any such particulars, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company with a fine which may extend to ten thousand rupees or with both.

18. Whoever, interferes with, hinders, or obstructs any employee in the exercise of any power or duty conferred by this act, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company with a fine which may extend to ten thousand rupees or with both.

19. Whoever-

a) acts in contravention of or fails to comply with any provision of this act for any requirement imposed under this Act, or

b) willfully deceives or attempts to deceive any statistics officer or any agency or any employee thereof, Shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees for, in case of a company, with a fine which may extend to ten thousand rupees or with both.

* * *

CONFIDENTIAL

Government of India
Ministry of Statistics and Programme Implementation
Return under Collection of Statistics Act, 2008 as amended in 2017 and rules framed there under in 2011
Annual Survey of Industries 2020-2021 (Part –I)
(Please read the instructions before filling the return)

Block A: Identification particulars (for official use)	
1. Schedule Despatch (DSL) No.	
2. PSL No.	
3. Scheme code (*Census-1*, *Sample-2*)	
4. Industry code as per frame (*4-digit level of NIC-2008*)	
5. Industry code as per return (*5-digit level of NIC-2008*)	
6. Description of Industry:	
7. State Code	
8. District Code	
9. Sector (*Rural-1*, *Urban-2*)	
10. RO /SRO code	
11. No. of Units	
12. Status of Unit (*Code*)	

Block B: Particulars of the factory (to be filled by owner of the factory)		
1. Name and address of the Industrial undertaking:	1.1 Vill./Town:	
	1.2 District name:	
	1.3 State name:	
	1.4 PIN Code	
2. Type of organisation (*code*)		
3. Corporate Identification Number (CIN)		
4. Whether the unit has ISO Certification, 14000 Series (*yes-1, no-2)*		
5. Year of initial production		
6. Accounting year (........... *to* ....)		to
7. Number of months of operation		
8. Whether the share capital of the company includes share of foreign entities (*yes-1, no-2)*		
9. Any R&D unit in your factory? *(yes & registered with DST/DBT-1, yes & registered with others-2, no-3)*		
10. Details of contact person	i) Name & designation:	
	ii) Tele (with STD code)	
	iii) FAX no.	
	iv) E-mail	
11. Whether the unit offered any formal training (*yes-1, no-2)*		

DECLARATION

I hereby declare that information furnished in this return is correct and complete to the best of my knowledge and belief.
Date :
Place : (Name and Signature of owner with stamp)

DSL No | | | | | | | **PSL No** | | | | | |

Block C: FIXED ASSETS												
Sl. No.	Type of Assets	Gross value (Rs.)					Depreciation (Rs.)				Net value (Rs.)	
		Opening as on - - - -	Addition during the year		Deduction & adjustment during the year	Closing as on - - - - (cols. 3+4+5-6)	Up to year beginning	Provi-ded during the year	Adjustment for sold/ discarded during the year	Up to year end (cols. 8+9 -10)	Opening as on - - - - - (cols. 3-8)	Closing as on - - - - - - (cols. 7-11)
			Due to revaluation	Actual additions								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Land											
2.	Building											
3.	Plant & Machinery											
4.	Transport equipment											
5.	Computer equipment including software											
6.	Pollution control equipment/ Environment improvement equipment											
7.	Others											
8.	**Sub-total (items 2 to 7)**											
9.	Capital work in progress											
10.	**Total (items 1+8+9)**											

DSL No | | | | | | | **PSL No** | | | | | |

Block D: WORKING CAPITAL AND LOANS			
Sl. No.	Items	Opening (Rs.)	Closing (Rs.)
(1)	(2)	(3)	(4)
1.	Raw Materials & Components and Packing materials		
2.	Fuels & Lubricants		
3.	Spares, Stores & others		
4.	**Sub-total (items 1 to 3)**		
5.	Semi-finished goods/work in progress		
6.	Finished goods		
7.	**Total inventory (items 4 to 6)**		
8.	Cash in Hand & at Bank		
9.	Sundry Debtors		
10.	Other current assets		
11.	**Total current assets (items 7 to 10)**		
12.	Sundry Creditors		
13.	Over draft, cash credit, other short term loan from banks & other financial institutions		
14.	Other current liabilities		
15.	**Total current liabilities (items 12 to 14)**		
16.	**Working Capital (item 11-item 15)***		
17.	Outstanding loans (excluding interest but including deposits)**		

Note:

** Give reasons in the footnote for negative values and abnormal verification in opening and closing values.*

*** If outstanding loans include interest, a footnote may be given*

DSL No | | | | | | | **PSL No** | | | | | |

Block E: EMPLOYMENT AND LABOUR COST							
Sl. No.	Category of staff	Man-days worked			Average number of persons worked	No. of mandays paid for	Wages/ salaries (in Rs.)
		Manu-facturing	Non Manufacturing	Total			
1	2	3	4	5	6	7	8
Part A: Details for each category of staff							
1.	Male workers employed directly						
2.	Female workers employed directly						
3.	**Sub-total (items 1 + 2)**						
4.	Workers employed through contractors						
5.	**Total workers (items 3 + 4)**						
6.	Supervisory & managerial staff						
7.	Other employees						
8.	Unpaid family members/ proprietor/ coop. members						
9.	**Total employees (items 5+6+7+8)**						
Part B: Some details for all categories of staff combined							
10.	Bonus (in Rs.)						
11.	Contribution to provident & other funds (in Rs.)						
12.	Workmen & staff welfare expenses (in Rs.)						
13.	Number of working days	(i) Manufacturing days					
		(ii) Non-manufacturing days					
		(iii) Total (i+ ii)					
14.	**Total cost of production (in Rs.) [entry in col. 8 of item 9, 10, 11, and 12, block E + entry in col. 3 of item 1, 2(i), 2(ii), 3, 4, 5, 6, 7, 8, 9 & 10, block F + entry in col. 6 of item 23 of block H + entry in col. 6 of item 7, block I]**						

DSL No | | | | | | **PSL No** | | | | |

	Block F : OTHER EXPENSES		
	Sl. No.	Items	Expenditure (in Rs.)
	(1)	(2)	(3)
OTHER INPUT	1.	Work done by others on materials supplied by the industrial undertaking	
	2.	Repair & maintenance of	
		(i) Buildings and other construction	
		(ii) Other fixed assets	
	3.	Operating expenses	
	4.	Expenses on raw materials and other components for own construction	
	5.	Insurance charges	
	6.	Rent paid for plant & machinery and other fixed assets	
	7.	Expenses on Research & Development (R&D)	
	8.	Rent paid for buildings	
	9.	Rent paid for land on lease or royalties on mines, quarries and similar assets	
	10.	Interest paid	
	11.	Purchase value of goods sold in the same condition as purchased	
	12.	Inward transportation cost	
	13.	Outward transportation cost	

	Block G : OTHER OUTPUT/RECEIPTS		
	Sl. No.	Items	Receipts (in Rs.)
	(1)	(2)	(3)
OTHER OUTPUT	1.	Receipts from manufacturing services (including work done for others on materials supplied by them and sale value of waste left by the party)	
	2.	Receipts from non-manufacturing services (including non-industrial services)	
	3.	Value of electricity generated and sold	
	4.	Value of own construction	
	5.	Net balance of goods sold in the same condition as purchased. (item 11 of block G *minus* item 11 of block F)	
	6.	Rent received for plant & machinery and other fixed assets	
	7.	Variation in stock of semi-finished goods (col.4 *minus* col 3 against item 5 in block D)	
	8.	Rent received for buildings	
	9.	Rent received for land on lease or royalties on mines, quarries and similar assets	
	10.	Interest received	
	11.	Sale value of goods sold in the same condition as purchased	
	12.	Other production subsidies	

DSL No | | | | | | **PSL No** | | | | |

Block H: Indigenous input items consumed (if needed, additional sheets may be used for recording input items with serial nos. starting from 25)						
Sl. No.	Item description	Item code (NPC-MS)	Unit of quantity	Quantity consumed	Purchase value (in Rs.)	Rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Major ten basic items (indigenous)					
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.	Other basic items (indigenous)*	9920100				
12.	**Total basic items (items 1 to 11)**	**9990100**				
13.	Non-basic chemicals – all kinds	9920300				
14.	Packing items	9990800				
15.	Electricity own generated	9990400	KWH			
16.	Electricity purchased & consumed	9990500	KWH			
17.	Petrol, diesel, oil, lubricants consumed	9990600				
18.	Coal consumed	9990700	Tonne			
19	Gas consumed	9990900	KG			
20.	Other fuel consumed	9920400				
21.	Consumable store	9922000				
22.	Total non-basic items (items 13 to 21)	9992000				
23.	**Total inputs (items 12+ 22)**	**9993000**				
24.	Any additional requirement of electricity (unmet demand)	**9999999**	KWH			
* Full description of items not in NPC-MS 2011 (Revised):						

DSL No | | | | | | | **PSL No** | | | | | |

Block I: Imported input items consumed - directly only (if needed, additional sheets may be used for recording input items with serial nos. starting from 8)						
Sl. No.	Item description (Major five imported items)	Item code (NPC-MS)	Unit of quantity	Quantity consumed	Purchase value (in Rs.)	Rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.						
2.						
3.						
4.						
5.						
6.	Other imported items	9922100				
7.	**Total imports (consumed) (items 1 to 6)**	**9994000**				

DSL No | | | | | | | **PSL No** | | | | | |

Block J: Products and by-products manufactured by the unit (if needed, additional sheets may be used for recording output items with serial nos. starting from 14)												
Sl. No.	Products/By-products description (First ten major items as per value - no brand name)	Item code (NPCMS)	Unit of quantity	Quantity manu-factured	Quantity sold	Gross sale value (Rs)	Distributive expenses (Rs.)				Per unit net sale value (Rs. 0.00) (col. 7-[col. 8+col. 9+col.10- col.11]) ÷ col. 6	Ex-factory value of quantity manufactured (Rs.) (col.12× col.5)
							Goods and Services Tax (GST)	Excise Duty/ Sales Tax/VAT/ Other Taxes, if any	Other Distributive Expenses	Subsidy (-)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.	Other products/ by-products*	9921100										
12.	**Total (items 1 to 11)**	**9995000**										
13.	Share (%) of products/by-products directly exported											
* Full description of items not in NPC-MS 2011 (Revised):												

DSL No | | | | | | **PSL No** | | | | |

Block K: Information and Communication technology (ICT) usage		
Sl. No.	**ICT indicator**	***yes-1, no-2***
1.	Did the factory use computer/s during FY 2020-21?	
2.	Did the factory use the internet during FY 2020-21?	
3.	Did the factory have a website as on the date of survey?	
4.	Did the factory receive orders via the internet during FY 2020-21?	
5.	Did the factory place orders for business purpose via the internet during FY 2020-21?	
6.	Did the factory connect to the internet either by a. Narrowband or b. Fixed broadband or c. Mobile broadband during FY 2020-21?	
7.	Does the factory have a local area network (LAN) as on the date of survey?	

Block L: Energy Conservation (EC) measures		
Sl. No.	**EC indicator**	***yes-1, no-2***
Have any measures been taken during last financial year with regard to:		
1.	Electrical saving?	
2.	Coal saving?	
3.	Oil saving?	
4.	Gas saving?	

<u>FOR OFFICIAL USE ONLY</u>

Block M: Particulars of field operations					
1.	Name of Superintending Officer		5.	Date of receipt from factory	
2.	Signature of Superintending Officer		6.	Date of verification/compilation	
3.	Name & Designation of Scrutinising Officer		7.	Date(s) of scrutiny	
4.	Signature of Scrutinising Officer		8.	Date of despatch	

Block N: Comments of Superintending Officer/Scrutinising Officer
Note: Reasons for negative working capital and for any abnormal values or entries (high or low) in respect to important characteristics (Such as GVA, working capital, wage rate, number of workers, distributive expenses, depreciation etc.) should be given invariably. For instance the reasons for high GVA could be increased demand/production, profit, govt. subsidy; or for low GVA, the reasons could be decreased demand/production, capacity under-utilization, high input cost etc. similarly reasons for any abnormal values of certain important ratios eg. Ratio of output to input, ratio of depreciation/distributive expenses to output etc should be given.   ***Please refer to detailed instructions also for further guidance.***

Annual Survey of Industries 2020-2021

Part A

Report of scrutiny on Part-I of the return

State (code)____________________Distt. (code)________________ DSL No./PSL No.____________
Ind. code (5-digit NIC 2008) as per return ________________ Scheme Code ________________

Sl. No.	Bl. no.	Item	Unit	Average rate per unit*	**If high or low**, reasons to be furnished by	
1	H	Input items (Indigenous) Major Ten basic items consumed	**X**	**X**	Superintending Officer	Scrutinising Officer
		1)				
		2)				
		3)				
		4)				
		5)				
		6)				
		7)				
		8)				
		9)				
		10)				
		11) Electricity purchased				
		12) Coal				
2	I	Directly imported items consumed (major five items)				
		1)				
		2)				
		3)				
		4)				
		5)				

*Average value per unit in nearest whole rupee is to be reported.

3. Percentage yield of product from the basic materials consumed (in case the quantity are common or directly convertible in whole number)

4	**Item**	**Current year (2020-21)**	**Previous year (2019-20)**	**Reasons for significant variation, if any.**
	1) Average salaries/wages per manday worked (Rs.) ($E_{5,8}$ / $E_{5,5}$)			
	2) Total worker (number) ($E_{5,6}$)			
	3) Total employees (number) ($E_{9,6}$)			
	4) Total emoluments ($E_{9,8} + E_{10,8} + E_{11,8} + E_{12,8}$)			
	5) Variation in finished goods ($D_{6,4} – D_{6,3}$)			
	6) Working Capital ($D_{16,4}$)			
	7) **Total input** ($F_{1,3}+F_{2(i),3}+F_{2(ii),3}+F_{3,3}+F_{4,3}+F_{6,3}+F_{7,3}+F_{8,3}+F_{11,3}$) (+) ($H_{23,6}$) (+) ($I_{7,6}$)			
	8) **Total output** ($J_{12,7}$) (-) ($J_{12,8}+J_{12,9}+J_{12,10}-J_{12,11}$) + ($D_{6,4} – D_{6,3}$) + ($G_{1,3}+G_{2,3}+G_{3,3}+G_{4,3}+G_{6,3}+G_{7,3}+G_{8,3}+G_{11,3}+F_{7,3}$)			
	9) Gross value added (GVA) (Item 8-Item 7 as above)			

	Item	Current year (2020-21)	Previous year (2019-20)	Reasons for significant variation, if any.
	10) Net value added (Item 9 as above) - Depreciation ($C_{10,9}$)			
	11) Net Income (Item 10 as above) (-) ($F_{9,3}+F_{10,3}$)			
	12) Profit (Item 11 as above) (-) ($E_{9,8}+E_{10,8}+E_{11,8}+E_{12,8}$)			
	13) Actual addition to fixed assets ($C_{10,5}$)			
	14) **GVA (through Ex-factory Value) ($J_{12,13}$) (+) ($G_{1,3}+G_{2,3}+G_{3,3}+G_{4,3}+G_{6,3}+G_{7,3}+G_{8,3}+G_{11,3}+F_{7,3}$) (-) ($F_{1,3}+F_{2(i),3}+F_{2(ii),3}+F_{3,3}+F_{4,3}+F_{6,3}+F_{7,3}+F_{8,3}+F_{11,3}$) (-)** ($H_{23,6}$) **(-)** ($I_{7,6}$)			

5. Impose check on the following and give observations against each item

Sl. No.	Check points	Observations (Yes-1/No-2)
1.	Whether codes and identification particulars have been correctly furnished in Block A?	
2.	Whether information for all the items in Block B have been correctly furnished?	
3.	If the working capital in item 16 of Block D is negative whether reasons furnished in he footnote of Block D of the Return and also in Block N along with code.	
4.	Whether the return has been duly signed by owner with stamp?	
5.	If wide variation is noticed between Opening & Closing value of Working Capital, whether reasons furnished in the footnote of Block D and also in Block N along with code	
6.	Whether special check has been made in case of negative GVA?	
7.	Whether basic entries have been thoroughly rechecked where output/input ratio Is less than 0.5	
8.	Whether ratio of Distributive expenses to gross sales is reasonable? If no, whether the relevant entries have been rechecked particularly where this ratio exceeds 20%.	
9.	If the total Bonus is more than 20% of total wages/salaries whether suitable remarks given in the Return?	
10.	If sale value of goods sold in same condition as purchased (Item-11 of Block G) is less than the purchase value of the same (Item-11 of Block F), whether reasons furnished in the return ?	
11.	Whether Balance Sheet, Profit & Loss Account and Working Sheet are attached with the O/C of the Return ?	
12.	Whether, the ex-factory value of output in column-13 of Block J have been calculated correctly for each of the 10 major items of product and by-product and also for item 11 ?	
13.	Whether the entries in Blocks H & I are reported independently ?	

Signature of the Superintending Officer

( )
Name of the Superintending Officer

PART-B (To be filled in by Scrutinizing officer) Impose check on the following and give observations against each item		
Sl. No.	**Check points**	**Observations (Yes-1/No-2)**
1.	Examine the Industry Code with reference to Production/Process and state whether Industry Code is reported in 5 digit NIC 2008 against item 5 of Block A.	
2.	Whether valid new State Code has been entered against item 7 of Block 'A'?	
3.	Whether Schedule Despatch no. has been correctly filled in against item 1 of Block A ?	
4.	State whether proper remarks in Block N for all important parameters such as GVA, working capital, wage rate, number of workers, distributive expenses, depreciation etc. are given.	
5.	Whether average salaries/wages per manday worked (worker) has been checked calculated correctly and are within the reasonable limits?	
6.	Whether special check has been made in case of negative GVA?	
7.	Whether basic entries have been rechecked where output/Input ratio is less than 0.5	
8.	Whether ratio of distributive expenses to gross sales is reasonable? If no, whether the relevant entries have been rechecked particularly where this ratio exceeds 20%.	
9.	If total bonus exceeds 20% of total salaries & wages, whether suitable remarks furnished ?	
10.	Whether yield ratio of products from basic materials consumed (in case the units of quantity are common or directly convertible) are correctly calculated and are within prescribed limits ?	
11.	Whether data reported in the return have been checked with Balance Sheet and Profit & Loss Account ?	

Signature of Scrutinizing officer

( )
Name of Scrutinizing officer

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ANNUAL SURVEY OF INDUSTRIES 2020-2021
PART II MANDAYS WORKED,ABSENTEEISM & LABOUR TURNOVER

Block 1. Identification and other Particulars

1. Schedule Despatch No.		10. Type of Organisation (code)		16. Signature	
2. PSL No.					
3. Scheme Code (census - 1, sample - 2)		11. Company Identification Number (CIN)		17. Name of Scrutinizing Officer	
4. Industry code as per frame (4-digit level of NIC - 08)		12. Accounting Year			
5. Industry code as per return (5- digit level of NIC - 08)				18. Personnel code	
6. Description of Industry		13. Name of Superintending Officer		19. Head Quarter	
7. State code		14. Personnel code		20. Signature.	
8. District code		15. Head Quarter			
9. RO/SRO code					
Name and address of the Industrial Undertaking					

City/ Town/ Village		Tehsil/ Taluk		District		State	

Block 2- Mandays worked, absenteeism, labour turnover for regular workers directly employed for each month of the year.

Sl no.	Month	Scheduled Working days for Workers	No of Mandays Worked	No of Mandays lost due to absence	No of Workers in employment on		Accessions during the Month	Separations during the month due to	
					First day of month	Last day of month		Death or retirement	Other causes
0	1	2	3	4	5	6	7	8	9
1.	Apr, 2020								
2.	May, 2020								
3	June, 2020								
4	July, 2020								
5	Aug, 2020								
6	Sep, 2020								
7	Oct, 2020								
8	Nov, 2020								
9	Dec, 2020								
10	Jan, 2021								
11	Feb, 2021								
12	Mar, 2021								

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Government of India
Ministry of Statistics and Programme Implementation
Return under Collection of Statistics Act, 2008 as amended in 2017 and rules framed there under in 2011
Annual Survey of Industries 2021-2022 (Part –I)
(Please read the instructions before filling the return)

Block A: Identification particulars (for official use)	
1. Schedule Despatch (DSL) No.	
2. PSL No.	
3. Scheme code (*Census-1*, *Sample-2*)	
4. Industry code as per frame (*4-digit level of NIC-2008*)	
5. Industry code as per return (*5-digit level of NIC-2008*)	
6. Description of Industry:	
7. State Code	
8. District Code	
9. Sector (*Rural-1*, *Urban-2*)	
10. RO /SRO code	
11. No. of Units	
12. Status of Unit (*Code*)	

Block B: Particulars of the factory (to be filled by owner of the factory)		
1. Name and address of the Industrial undertaking:	1.1 Vill./Town:	
	1.2 District name:	
	1.3 State name:	
	1.4 PIN Code	
2. Type of organisation (*code*)		
3. Corporate Identification Number (CIN)		
4. Whether the unit has ISO Certification, 14000 Series (*yes-1, no-2*)		
5. Year of initial production		
6. Accounting year (........... *to* ....)		to
7. Number of months of operation		
8. Whether the share capital of the company includes share of foreign entities (*yes-1, no-2)*		
9. Any R&D unit in your factory? (*yes & registered with DST/DBT-1, yes & registered with others-2, no-3)*		
10. Details of contact person	i) Name & designation:	
	ii) Tele (with STD code)	
	iii) FAX no.	
	iv) E-mail	
11. Whether the unit offered any formal training (*yes-1, no-2)*		

DECLARATION

I hereby declare that information furnished in this return is correct and complete to the best of my knowledge and belief.

Date :

Place : (Name and Signature of owner with stamp)

DSL No | | | | | | | **PSL No** | | | | | |

Block C: FIXED ASSETS												
Sl. No.	Type of Assets	Gross value (Rs.)					Depreciation (Rs.)				Net value (Rs.)	
		Opening as on - - - -	Addition during the year		Deduction & adjustment during the year	Closing as on - - - - (cols. 3+4+5-6)	Up to year beginning	Provi-ded during the year	Adjustment for sold/ discarded during the year	Up to year end (cols. 8+9 -10)	Opening as on - - - - - (cols. 3-8)	Closing as on - - - - - - (cols. 7-11)
			Due to revaluation	Actual additions								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Land											
2.	Building											
3.	Plant & Machinery											
4.	Transport equipment											
5.	Computer equipment including software											
6.	Pollution control equipment/ Environment improvement equipment											
7.	Others											
8.	**Sub-total (items 2 to 7)**											
9.	Capital work in progress											
10.	**Total (items 1+8+9)**											

DSL No | | | | | | | **PSL No** | | | | | |

Block D: WORKING CAPITAL AND LOANS

Sl. No.	Items	Opening (Rs.)	Closing (Rs.)
(1)	(2)	(3)	(4)
1.	Raw Materials & Components and Packing materials		
2.	Fuels & Lubricants		
3.	Spares, Stores & others		
4.	**Sub-total (items 1 to 3)**		
5.	Semi-finished goods/work in progress		
6.	Finished goods		
7.	**Total inventory (items 4 to 6)**		
8.	Cash in Hand & at Bank		
9.	Sundry Debtors		
10.	Other current assets		
11.	**Total current assets (items 7 to 10)**		
12.	Sundry Creditors		
13.	Over draft, cash credit, other short term loan from banks & other financial institutions		
14.	Other current liabilities		
15.	**Total current liabilities (items 12 to 14)**		
16.	**Working Capital (item 11-item 15)***		
17.	Outstanding loans (excluding interest but including deposits)**		

Note:

** Give reasons in the footnote for negative values and abnormal verification in opening and closing values.*

*** If outstanding loans include interest, a footnote may be given*

DSL No | | | | | | | **PSL No** | | | | | |

Block E: EMPLOYMENT AND LABOUR COST							
Sl. No.	Category of staff	Man-days worked			Average number of persons worked	No. of mandays paid for	Wages/ salaries (in Rs.)
		Manu-facturing	Non Manufacturing	Total			
1	2	3	4	5	6	7	8
Part A: Details for each category of staff							
1.	Male workers employed directly						
2.	Female workers employed directly						
3.	**Sub-total (items 1 + 2)**						
4.	Workers employed through contractors						
5.	**Total workers (items 3 + 4)**						
6.	Supervisory & managerial staff						
7.	Other employees						
8.	Unpaid family members/ proprietor/ coop. members						
9.	**Total employees (items 5+6+7+8)**						
Part B: Some details for all categories of staff combined							
10.	Bonus (in Rs.)						
11.	Contribution to provident & other funds (in Rs.)						
12.	Workmen & staff welfare expenses (in Rs.)						
13.	Number of working days	(i) Manufacturing days					
		(ii) Non-manufacturing days					
		(iii) Total (i+ ii)					
14.	**Total cost of production (in Rs.) [entry in col. 8 of item 9, 10, 11, and 12, block E + entry in col. 3 of item 1, 2(i), 2(ii), 3, 4, 5, 6, 7, 8, 9 & 10, block F + entry in col. 6 of item 23 of block H + entry in col. 6 of item 7, block I]**						

DSL No | | | | | | **PSL No** | | | | |

Block F : OTHER EXPENSES

	Sl. No.	Items	Expenditure (in Rs.)
	(1)	(2)	(3)
OTHER INPUT	1.	Work done by others on materials supplied by the industrial undertaking	
	2.	Repair & maintenance of	
		(i) Buildings and other construction	
		(ii) Other fixed assets	
	3.	Operating expenses	
	4.	Expenses on raw materials and other components for own construction	
	5.	Insurance charges	
	6.	Rent paid for plant & machinery and other fixed assets	
	7.	Expenses on Research & Development (R&D)	
	8.	Rent paid for buildings	
	9.	Rent paid for land on lease or royalties on mines, quarries and similar assets	
	10.	Interest paid	
	11.	Purchase value of goods sold in the same condition as purchased	
	12.	Inward transportation cost	
	13.	Outward transportation cost	

Block G : OTHER OUTPUT/RECEIPTS

	Sl. No.	Items	Receipts (in Rs.)
	(1)	(2)	(3)
OTHER OUTPUT	1.	Receipts from manufacturing services (including work done for others on materials supplied by them and sale value of waste left by the party)	
	2.	Receipts from non-manufacturing services (including non-industrial services)	
	3.	Value of electricity generated and sold	
	4.	Value of own construction	
	5.	Net balance of goods sold in the same condition as purchased. (item 11 of block G *minus* item 11 of block F)	
	6.	Rent received for plant & machinery and other fixed assets	
	7.	Variation in stock of semi-finished goods (col.4 *minus* col 3 against item 5 in block D)	
	8.	Rent received for buildings	
	9.	Rent received for land on lease or royalties on mines, quarries and similar assets	
	10.	Interest received	
	11.	Sale value of goods sold in the same condition as purchased	
	12.	Other production subsidies	

DSL No | | | | | | | **PSL No** | | | | | |

Block H: Indigenous input items consumed (if needed, additional sheets may be used for recording input items with serial nos. starting from 25)						
Sl. No.	Item description	Item code (NPC-MS)	Unit of quantity	Quantity consumed	Purchase value (in Rs.)	Rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Major ten basic items (indigenous)					
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.	Other basic items (indigenous)*	9920100				
12.	**Total basic items (items 1 to 11)**	**9990100**				
13.	Non-basic chemicals – all kinds	9920300				
14.	Packing items	9990800				
15.	Electricity own generated	9990400	KWH			
16.	Electricity purchased & consumed	9990500	KWH			
17.	Petrol, diesel, oil, lubricants consumed	9990600				
18.	Coal consumed	9990700	Tonne			
19	Gas consumed	9990900	KG			
20.	Other fuel consumed	9920400				
21.	Consumable store	9922000				
22.	Total non-basic items (items 13 to 21)	9992000				
23.	**Total inputs (items 12+ 22)**	**9993000**				
24.	Any additional requirement of electricity (unmet demand)	**9999999**	KWH			
* Full description of items not in NPC-MS 2011 (Revised):						

DSL No | | | | | | | **PSL No** | | | | | |

Block I: Imported input items consumed - directly only (if needed, additional sheets may be used for recording input items with serial nos. starting from 8)						
Sl. No.	Item description (Major five imported items)	Item code (NPC-MS)	Unit of quantity	Quantity consumed	Purchase value (in Rs.)	Rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.						
2.						
3.						
4.						
5.						
6.	Other imported items	9922100				
7.	**Total imports (consumed) (items 1 to 6)**	**9994000**				

DSL No | | | | | | | **PSL No** | | | | | |

Block J: Products and by-products manufactured by the unit (if needed, additional sheets may be used for recording output items with serial nos. starting from 14)												
Sl. No.	Products/By-products description (First ten major items as per value - no brand name)	Item code (NPCMS)	Unit of quantity	Quantity manu-factured	Quantity sold	Gross sale value (Rs)	Distributive expenses (Rs.)				Per unit net sale value (Rs. 0.00) (col. 7-[col. 8+col. 9+col.10-col.11]) ÷ col. 6	Ex-factory value of quantity manufactured (Rs.) (col.12× col.5)
							Goods and Services Tax (GST)	Excise Duty/ Sales Tax/VAT/ Other Taxes, if any	Other Distributive Expenses	Subsidy (-)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.	Other products/ by-products*	9921100										
12.	**Total (items 1 to 11)**	**9995000**										
13.	Share (%) of products/by-products directly exported											
* Full description of items not in NPC-MS 2011 (Revised):												

DSL No | | | | | | | **PSL No** | | | | | |

Block K: Information and Communication technology (ICT) usage		
Sl. No.	**ICT indicator**	***yes-1, no-2***
1.	Did the factory use computer/s during FY 2021-22?	
2.	Did the factory use the internet during FY 2021-22?	
3.	Did the factory have a website as on the date of survey?	
4.	Did the factory receive orders via the internet during FY 2021-22?	
5.	Did the factory place orders for business purpose via the internet during FY 2021-22?	
6.	Did the factory connect to the internet either by a. Narrowband or b. Fixed broadband or c. Mobile broadband during FY 2021-22?	
7.	Does the factory have a local area network (LAN) as on the date of survey?	

Block L: Energy Conservation (EC) measures		
Sl. No.	**EC indicator**	***yes-1, no-2***
Have any measures been taken during last financial year with regard to:		
1.	Electrical saving?	
2.	Coal saving?	
3.	Oil saving?	
4.	Gas saving?	

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Block M: Particulars of field operations					
1.	Name of Superintending Officer		5.	Date of receipt from factory	
2.	Signature of Superintending Officer		6.	Date of verification/compilation	
3.	Name & Designation of Scrutinising Officer		7.	Date(s) of scrutiny	
4.	Signature of Scrutinising Officer		8.	Date of despatch	

Block N: Comments of Superintending Officer/Scrutinising Officer
Note: Reasons for negative working capital and for any abnormal values or entries (high or low) in respect to important characteristics (Such as GVA, working capital, wage rate, number of workers, distributive expenses, depreciation etc.) should be given invariably. For instance the reasons for high GVA could be increased demand/production, profit, govt. subsidy; or for low GVA, the reasons could be decreased demand/production, capacity under-utilization, high input cost etc. similarly reasons for any abnormal values of certain important ratios eg. Ratio of output to input, ratio of depreciation/distributive expenses to output etc should be given. ***Please refer to detailed instructions also for further guidance.***

Annual Survey of Industries 2021-2022

Part A

Report of scrutiny on Part-I of the return

State (code)____________________Distt. (code)________________ DSL No./PSL No.____________

Ind. code (5-digit NIC 2008) as per return ________________ Scheme Code ________________

Sl. No.	Bl. no.	Item	Unit	Average rate per unit*	**If high or low**, reasons to be furnished by	
1	H	Input items (Indigenous) Major Ten basic items consumed	**X**	**X**	Superintending Officer	Scrutinising Officer
		1)				
		2)				
		3)				
		4)				
		5)				
		6)				
		7)				
		8)				
		9)				
		10)				
		11) Electricity purchased				
		12) Coal				
2	I	Directly imported items consumed (major five items)				
		1)				
		2)				
		3)				
		4)				
		5)				

*Average value per unit in nearest whole rupee is to be reported.

3. Percentage yield of product from the basic materials consumed (in case the quantity are common or directly convertible in whole number)

4	**Item**	**Current year (2021-22)**	**Previous year (2020-21)**	**Reasons for significant variation, if any.**
	1) Average salaries/wages per manday worked (Rs.) ($E_{5,8}$ / $E_{5,5}$)			
	2) Total worker (number) ($E_{5,6}$)			
	3) Total employees (number) ($E_{9,6}$)			
	4) Total emoluments ($E_{9,8} + E_{10,8} + E_{11,8} + E_{12,8}$)			
	5) Variation in finished goods ($D_{6,4} – D_{6,3}$)			
	6) Working Capital ($D_{16,4}$)			
	7) **Total input** ($F_{1,3}+F_{2(i),3}+F_{2(ii),3}+F_{3,3}+F_{4,3}+F_{6,3}+F_{7,3}+F_{8,3}+F_{11,3}$) (+) ($H_{23,6}$) (+) ($I_{7,6}$)			
	8) **Total output** ($J_{12,7}$) (-) ($J_{12,8}+J_{12,9}+J_{12,10}-J_{12,11}$) + ($D_{6,4} – D_{6,3}$) + ($G_{1,3}+G_{2,3}+G_{3,3}+G_{4,3}+G_{6,3}+G_{7,3}+G_{8,3}+G_{11,3}+F_{7,3}$)			
	9) Gross value added (GVA) (Item 8-Item 7 as above)			

	Item	Current year (2021-22)	Previous year (2020-21)	Reasons for significant variation, if any.
	10) Net value added (Item 9 as above) - Depreciation ($C_{10,9}$)			
	11) Net Income (Item 10 as above) (-) ($F_{9,3}+F_{10,3}$)			
	12) Profit (Item 11 as above) (-) ($E_{9,8}+E_{10,8}+E_{11,8}+E_{12,8}$)			
	13) Actual addition to fixed assets ($C_{10,5}$)			
	14) **GVA (through Ex-factory Value) ($J_{12,13}$) (+) ($G_{1,3}+G_{2,3}+G_{3,3}+G_{4,3}+G_{6,3}+G_{7,3}+G_{8,3}+G_{11,3}+F_{7,3}$) (-) ($F_{1,3}+F_{2(i),3}+F_{2(ii),3}+F_{3,3}+F_{4,3}+F_{6,3}+F_{7,3}+F_{8,3}+F_{11,3}$) (-)** ($H_{23,6}$) **(-)** ($I_{7,6}$)			

5. Impose check on the following and give observations against each item		
Sl. No.	**Check points**	**Observations (Yes-1/No-2)**
1.	Whether codes and identification particulars have been correctly furnished in Block A?	
2.	Whether information for all the items in Block B have been correctly furnished?	
3.	If the working capital in item 16 of Block D is negative whether reasons furnished in he footnote of Block D of the Return and also in Block N along with code.	
4.	Whether the return has been duly signed by owner with stamp?	
5.	If wide variation is noticed between Opening & Closing value of Working Capital, whether reasons furnished in the footnote of Block D and also in Block N along with code	
6.	Whether special check has been made in case of negative GVA?	
7.	Whether basic entries have been thoroughly rechecked where output/input ratio Is less than 0.5	
8.	Whether ratio of Distributive expenses to gross sales is reasonable? If no, whether the relevant entries have been rechecked particularly where this ratio exceeds 20%.	
9.	If the total Bonus is more than 20% of total wages/salaries whether suitable remarks given in the Return?	
10.	If sale value of goods sold in same condition as purchased (Item-11 of Block G) is less than the purchase value of the same (Item-11 of Block F), whether reasons furnished in the return ?	
11.	Whether Balance Sheet, Profit & Loss Account and Working Sheet are attached with the O/C of the Return ?	
12.	Whether, the ex-factory value of output in column-13 of Block J have been calculated correctly for each of the 10 major items of product and by-product and also for item 11 ?	
13.	Whether the entries in Blocks H & I are reported independently ?	

Signature of the Superintending Officer

( )
Name of the Superintending Officer

PART-B
(To be filled in by Scrutinizing officer)

Impose check on the following and give observations against each item

Sl. No.	Check points	Observations (Yes-1/No-2)
1.	Examine the Industry Code with reference to Production/Process and state whether Industry Code is reported in 5 digit NIC 2008 against item 5 of Block A.	
2.	Whether valid new State Code has been entered against item 7 of Block ‘A’?	
3.	Whether Schedule Despatch no. has been correctly filled in against item 1 of Block A ?	
4.	State whether proper remarks in Block N for all important parameters such as GVA, working capital, wage rate, number of workers, distributive expenses, depreciation etc. are given.	
5.	Whether average salaries/wages per manday worked (worker) has been checked calculated correctly and are within the reasonable limits?	
6.	Whether special check has been made in case of negative GVA?	
7.	Whether basic entries have been rechecked where output/Input ratio is less than 0.5	
8.	Whether ratio of distributive expenses to gross sales is reasonable? If no, whether the relevant entries have been rechecked particularly where this ratio exceeds 20%.	
9.	If total bonus exceeds 20% of total salaries & wages, whether suitable remarks furnished ?	
10.	Whether yield ratio of products from basic materials consumed (in case the units of quantity are common or directly convertible) are correctly calculated and are within prescribed limits ?	
11.	Whether data reported in the return have been checked with Balance Sheet and Profit & Loss Account ?	

Signature of Scrutinizing officer

( )
Name of Scrutinizing officer

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ANNUAL SURVEY OF INDUSTRIES 2021-2022
PART II MANDAYS WORKED,ABSENTEEISM & LABOUR TURNOVER

Block 1. Identification and other Particulars

1. Schedule Despatch No.		10. Type of Organisation (code)		16. Signature	
2. PSL No.					
3. Scheme Code (census - 1, sample - 2)		11. Company Identification Number (CIN)		17. Name of Scrutinizing Officer	
4. Industry code as per frame (4-digit level of NIC - 08)		12. Accounting Year			
5. Industry code as per return (5- digit level of NIC - 08)				18. Personnel code	
6. Description of Industry		13. Name of Superintending Officer		19. Head Quarter	
7. State code		14. Personnel code		20. Signature.	
8. District code		15. Head Quarter			
9. RO/SRO code					
Name and address of the Industrial Undertaking					

City/ Town/ Village		Tehsil/ Taluk		District		State	

Block 2- Mandays worked, absenteeism, labour turnover for regular workers directly employed for each month of the year.

Sl no.	Month	Scheduled Working days for Workers	No of Mandays Worked	No of Mandays lost due to absence	No of Workers in employment on		Accessions during the Month	Separations during the month due to	
					First day of month	Last day of month		Death or retirement	Other causes
0	1	2	3	4	5	6	7	8	9
1.	Apr, 2021								
2.	May, 2021								
3	June, 2021								
4	July, 2021								
5	Aug, 2021								
6	Sep, 2021								
7	Oct, 2021								
8	Nov, 2021								
9	Dec, 2021								
10	Jan, 2022								
11	Feb, 2022								
12	Mar, 2022								

Staff Associated

BADUGU ESWARA RAO

DEPUTY DIRECTOR

V. MOHANKUMAR

STATISTICAL OFFICER