



ANNUAL SURVEY OF INDUSTRIES

2021-22



DIRECTORATE OF ECONOMICS AND STATISTICS, ASSAM, GUWAHATI-28
TRANSFORMATION AND DEVELOPMENT DEPARTMENT
GOVERNMENT OF ASSAM



Directorate of Economics & Statistics, Assam
Transformation and Development Department, Assam
Jawahar nagar, Tripura Road, Guwahati – 781 028

FOREWORD

The Directorate of Economics & Statistics, Assam, set up in the year of 1948, collects, compiles, and analyses statistical data for preparation of various schemes and policies for the welfare of the state as well as country at large. The Directorate has been carrying out the Annual Survey of Industries (ASI) survey on a regular basis and has published its report for the year 2021- 2022. For framing proper policies needed for industrial growth timely, reliable and relevant industrial statistics is needed at both state and central level. The ASI is conducted under the supervision and guidance of National Statistical Office (NSO), Ministry of Statistics and Programme Implementation, Government of India. It also captures significant economic trends, serving as a valuable reference for informed decision-making and effective policy formulation.


The coverage of ASI has been extended from 2014-15 beyond the purview of the section 2m (i) and 2m (ii) of the Factories Act, 1948 and the Bidi & Cigar Workers (Conditions of Employment) Act, 1966. Accordingly the units with 100 or more employees not registered under section 2m (i) and 2m (ii) of the Factories Act, 1948, but registered under any one of the seven Acts in the Business Register of Establishments (BRE) as available with NAD, MoSPI, GOI, as verified by Field Operation Division, NSO, GOI. The ASI operates under the authority of collection of Statistics Act, 2008 which provides the legal backing for collecting industrial; data from registered factories.

The Annual Survey of Industries, Assam 2021-22 publication contains the information on major characteristics such as number of factories, employment pattern, emoluments, capital structure, loans, output and value added by the manufacturing sector in the state. Estimates of selected characteristics are provided at district, two and three digit level classification of industries for state as well as districts.

The Directorate gratefully acknowledges the invaluable contributions and cooperation of all Deputy Director of Economics & Statistics (DDES), and Sub-Divisional Statistical Offices (SDSO) and its Field Level Officers whose timely submission of relevant data has been essential to the success of this publication.

I extend my sincere appreciation to the officers and staff of the Industry Division who have contributed both directly and indirectly to the compilation, editing and design of this report.

I trust that this survey will prove to be a meaningful and insightful resource for Administrators, Policymakers, Planners, Academicians, Researchers, and other Stakeholders. Constructive feedback and suggestions for enhancing future editions are most welcome and will be highly appreciated.


(Reena Mech, IAS)
Director of Economics & Statistics,
Assam, Guwahati – 28

Officials of the Directorate Associated with the Publication

Joint Director
Sukalpa Chakraborty

Senior Research Officer
Mridula Dutta

Research Officer
Kabita Das

Statistical Officer
Kanika Singha
Bipul Kumar Sharma

Inspector of Statistics
Sandipan Majumder

Sub-Inspector of Statistics
Jiten Talukdar
Lakshmi Kalita

Computer
Sailen Kalita

Field Assistant
Nilakhi Deka

Junior Assistant
Raisong Tisso

Intern
Tanupriya Choudhury (Kalindi College, University of Delhi)

Officials of the DDES/SDSOs' Associated with the Publication

Sl. No.	Deputy Directorates of Economics & Statistics	DDES and Team
1.	Baksa	
2.	Barpeta	
3.	Bongaigaon	
4.	Cachar	
5.	Darrang	
6.	Dhubri	
7.	Dibrugarh	
8.	Goalpara	
9.	Golaghat	
10.	Hailakandi	
11.	Jorhat	
12.	Kamrup	
13.	Kamrup (M)	
14.	Karbi-Anglong	
15.	Karimganj (Sribhumi)	
16.	Kokrajhar	
17.	Lakhimpur	
18.	Nagaon	
19.	Nalbari	
20.	Sivasagar	
21.	Sonitpur	
22.	Udalguri	

Sl No.	Sub Divisional Statistical Offices	SDSO and Team
1.	Dhemaji	
2.	Morigaon	
3.	Tinsukia	

Chapters / Annexures	Contents	Page Nos.	
		From	To
	<i>Overview</i>	1	2
Chapter 1	INTRODUCTION, SCOPE, COVERAGE AND SAMPLE DESIGN	3	6
Chapter 2	NATIONAL INDUSTRIAL CLASSIFICATION (NIC) DESCRIPTION	7	9
Chapter 3	CONCEPTS AND DEFINITIONS	10	13
Chapter 4	HIGHLIGHTS OF POOLED ESTIMATES OF ASI 2021-22.	14	15
Chapter 5	MAJOR CHARACTERISTICS (DISTRICT-WISE)	16	24
Chapter 6	PRINCIPAL CHARACTERISTICS AS PER 2 DIGIT NIC CODES	25	33
Chapter 7	PRINCIPAL CHARACTERISTICS AS PER 3 DIGIT NIC CODES	34	51
Chapter 8	MAPS & CHARTS	52	63
Annexure	ASI SCHEDULE 2021-22		

OVERVIEW

Assam, located in the north-eastern region of India, has a diverse industrial base that includes traditional sectors like tea, oil, and handloom, as well as emerging areas such as tourism, petrochemicals and information technology. However, its **industrial health** presents a **mixed picture** — with both strengths and challenges.

Based on ASI 2021-22 pooled estimates, the data reveals that Assam's industrial health presents a promising picture of growth rooted in its rich natural resources and diverse economic base. The state has a strong presence of agro-based industries, particularly in the manufacturing of grain mill products, edible oils and other food processing units, which form the backbone of its industrial activity.

Sectors such as food processing, vehicle maintenance, metal fabrication and furniture manufacturing also contribute significantly, highlighting a vibrant network of small and medium enterprises (SMEs). While much of the industry operates on a modest scale, this reflects the entrepreneurial spirit and widespread industrial participation across the state. With ongoing improvements in infrastructure, supportive government policies and a focus on modernization and value addition, Assam is well-positioned to accelerate its industrial development and emerge as a key economic hub in the North east region.

The top five industries contributing significantly to Assam's industrial landscape are primarily agro-based and service-oriented, reflecting the state's natural strengths and economic focus. Leading the list is the **manufacture of other food products**, which includes rice and flour milling units and forms a vital part of the state's food processing sector.

Closely following is the **grain mill products industry**, such as snacks, bakery items, and processed foods, which are growing rapidly due to rising local demand and market expansion.

Another major contributor is the **repair and maintenance of motor vehicles**, which plays an essential role in supporting the state's transportation infrastructure and employment. Rounding out the top five is the **metal fabrication sector**, particularly the manufacture of structural metal products, which supports construction and infrastructure development. Together, these industries reflect a dynamic and evolving industrial environment with strong potential for further growth and investment.

The most frequently occurring industries are **brick kilns and brick manufacturing units**, which belong to the category of non-metallic mineral product manufacturing, classified under **NIC code 239**, and form the dominant sector in the data, reflecting the high demand for construction materials in the region. Closely following are **stone crushing units**, which also support the construction industry and also fall under **NIC code 239**.

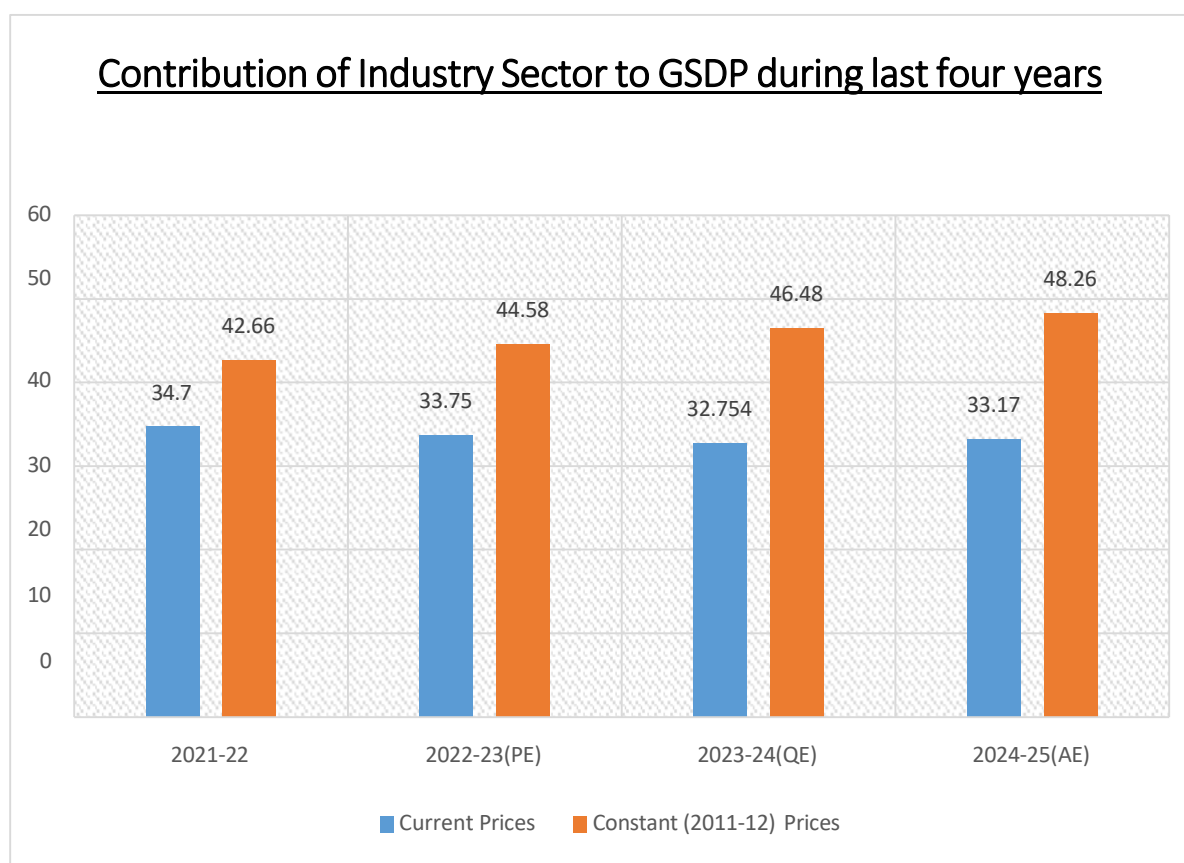
Another commonly observed industry type is **food processing and rice mills**, such as categorized under **NIC codes 106 and 107**. These agro-based industries are indicative of the region's reliance on agriculture sector and local food production. **Steel and metal fabrication industries**, typically falling under **NIC codes 241 to 259**, reflecting moderate industrial diversification.

Plastic and packaging industries, are also represented, categorized under **NIC code 222**, showing the presence of support industries for FMCG and manufacturing sectors. Additionally, **beverage units**, such as, along with a few **wood-based and furniture industries** (NIC codes 161–162), are present but less frequently. Overall, the dominant sectors are construction-related industries—particularly brick and stone—followed by agro-processing, metal works, and packaging.

The **Manufacture of other food products (NIC 107)** dominates the GVA landscape, accounting for more than three-quarters of the GVA among the top three industries, highlighting its outsized role in value creation within the industrial sector

CONTRIBUTION OF INDUSTRIAL SECTOR TO STATE ECONOMY:

In the State Income Estimation, the Industry sector covers the mining & quarrying, manufacturing, electricity, gas, water supply & other utility services and construction sub sectors. As per advance estimates for 2024-25 at constant (2011-12) prices, annual growth rate in industry sector is estimated at 12.08 percent against 14.16 percent at current prices. As per advance estimates, the annual growth rate of the sub sectors of industry sector at constant price for 2023-24 are estimated at 6.50%, 8.06%, 7.84%, and 24.91% for the (i) mining-quarrying, (ii) manufacturing, (iii) electricity-gas-water supply-other utility services and (iv) Construction sector respectively against 8.77%, 10.44%, 17.43% and 26.60% respectively at current prices. The contribution of industry sector to state's GDP is estimated at about 33.17% at current prices for the year 2024-25 against 48.26% at constant (2011-12) prices.



Source: Economic Survey 2023-24, Directorate of Economics & Statistics, Assam

CHAPTER 1

INTRODUCTION, SCOPE, COVERAGE AND SAMPLE DESIGN

The Annual Survey of Industries (ASI) is the principal source of industrial statistics in India. It provides statistical information to assess and evaluate, objectively and realistically, the changes in the growth, composition and structure of organized manufacturing sector comprising activities related to manufacturing processes, repair services, gas and water supply and cold storage.

Conduct of Survey: The National Sample office (NSO) is the Statistical authority appointed under the **Collection of Statistics Act-2008 as amended in 2017** and rules framed there under in 2011 for conduct of Annual Survey of Industries in the Country.

The Directorate has been participating in the conduct of the Survey on par with the NSO and conducting the survey for State sample. State sample data is pooled using central samples data and generate required parameters information. These results are being used for the compilation of disaggregate estimations from organized Manufacturing industries in the State.

Objective of the Survey: The survey has been designed to obtain comprehensive and detailed data for the purpose of estimating the contribution of registered manufacturing industries to the State's income, a systematic study of the industry's structure, and an analysis of various factors influencing industries in the State to facilitate the construction of a comprehensive, factual, and systematic basis for policy formulation.

ASI Schedule: The ASI Schedule has two parts:

Part-I contains data on assets and liabilities, employment and labour cost, receipts, expenses, input items (indigenous and imported), products and by-products, distributive expenses, etc to calculate GVA, GFCF and other parameters. **Part-II** contains data on different aspects of labour statistics viz., Working days, man-days, worked, absenteeism, Labour turnover, man-hours worked, earnings and Social Security benefits etc. to calculate workers and Mandays worked.

Coverage of Units:

- It is the Principal source of Industrial Statistics related to Organised Manufacturing sector.
- All the Factories registered under Sections 2(m) (i) and 2(m) (ii) of the Factories Act, 1948. (i.e. Factories employing 10 or more workers with the aid of power and 20 or more workers without the aid of power).
- Units with 100 or more employees (Registered under any of the other seven Acts under Factories Act.
- Registered under the Beedi & Cigar manufacturing establishments and all Electricity undertakings (Not Registered with Central Electricity Authority).

Reference Period: The accounting year of all factories is from 1st April of the preceding year to 31st March of the current year.

Survey Period: The survey was conducted from October, 2022 to May, 2023.

ASI does not cover:

Defence establishments, Oil storage and distribution depots. Departmental undertakings such as Railway workshops, RTC workshops, Govt. Mints, Sanitary, Water Supply, Gas Storage etc.

Some of the Indicators generated on ASI:

No. of factories, Production, employment, wages, invested capital, capital formation, input, output, GVA (Value added) on annual basis.

ASI Frame: The ASI frame is the list of registered factories/ units maintained by the Chief Inspector of Factories in the State, Beedi and Cigar establishments maintained by Labour Department and all Electricity undertakings engaged in generation, transmission and distribution of electricity not registered with the Central Electricity Authority (CEA). All the factories in ASI frame are classified into appropriate industry group as per National Industrial Classification (NIC)-2008 codes.

This frame is being updated every year before selection of Units by the Field Operations Division of NSO in consultation with the Chief Inspector of Factories in the State. At the time of updation, the names of the de-registered factories are removed from the ASI Frame, and those of the newly registered factories are added.

Sample frame updation: After receiving State sample list, the same is segregated into District-wise and communicated to all the districts for physical verification of factories working and report on status of working or not, if any factory found to be not working, closed and not traced, the same is informed to the District Inspector of factories concerned for taking necessary action.

Enumeration: The primary unit of enumeration in the survey is a factory in the case of manufacturing industries, a workshop in the case of repair services, an undertaking or a licensee in the case of electricity, gas & water supply undertakings and an establishment in the case of Beedi & Cigar industries. The owner of two or more establishments located in the same State and pertaining to the same industry group (3 digit level) and belonging to same scheme (census or sample) is however, permitted to furnish a single consolidated return. Such consolidated returns are common feature in the case of Beedi and cigar establishments, electricity and certain public sector undertakings.

Sampling Design: The sampling design adopted in ASI has undergone considerable changes from time to time, taking into account the technical and other requirements. The revised sampling design has been adopted from ASI 2015-16. Accordingly, the new sampling design comprises two parts Central Sample and State Sample.

The Central Sample further divided into two sectors namely Census and Sample Sectors.

(a) Census Sector: units having 100 OR MORE EMPLOYEES, All factories covered under JOINT RETURNS.

After excluding the Census sector units, all units belonging to the strata **(State x District x Sector x 3 digit NIC-2008)** having less than or equal to 4 units are also considered under Census Scheme. While formation of stratum. The sectors are considered as (1) BIDI & CIGAR UNITS (2) MANUFACTURING and (3) ELECTRICITY.

b) Sample Sector: Remaining units, excluding those of Census Sector called the sample sector arranged in order of their number of employees and samples are drawn circular systematically considering sampling fraction, say about 16% to 20% within each stratum **(State x District x Sector x 3-digit NIC- 2008.)** in the form of 4 independent sub samples.

This will be done for each district and thus, for each State. An even number of units with a minimum of 4 are selected from each stratum and evenly distributed in four sub samples. (See Chapter 2 for detailed description of NIC Codes referred in this publication).

c) Allocation of Samples: All the units belonging to the Census Sector together with selected units of 2 sub-samples, say, of sub-sample 1 and 3 will form the central sample and information of these units will be collected and processed by the Central Agency (i.e NSO) .After selecting the central sample in the way mentioned above, the units selected for remaining 2 sub-samples, say, of sub-samples 2 and 4 will be allocated for each DES. Validated state-wise unit-level data of the central sample will also be sent to the states for pooling this data with their surveyed data to get a combined estimate at the district level with a gap of two years.

As per the above procedure, total number of factories in Assam State is 5565. Out of which 1050 units are selected under Census Sector and out of the remaining 4515 units, 1132 samples were allotted equally in between the Centre and State as follows

No. of Samples allotted to the NSSO (FOD):566

No. of Samples allotted to the State 566

For the year 2021-22, Annual Survey of Industries was carried out in 25 districts as stated in the upcoming tables. Also, the district currently known as Sribhumi was known as Karimganj during the survey period. Therefore, the name Karimganj has been used to represent the particular district.

Limitations:

The analysis given in this report is based on pooled data of both State and Central surveyed units. It may be noted that these results are not comparable over years because:

All the estimates, especially for quantity and value figures for any particular item consumed and produced are subject to statistical error as these are estimated on the basis of a selected sample. In certain cases, there may be abnormal growth/decline in some characteristics compared to the previous year. The value of figures is generally rounded off and hence it may not tally with the sum of figures.

The possible reasons are as follows:

- ▶ If any new unit is included in the frame, particularly in the Census Sector.
- ▶ Selection or non-selection of some sample units, which is having considerable value of multiplier.
- ▶ If any Census unit falls in the list of Sample units, the results will be overestimated.
- Closure or non-operation of units, which had significant effect on the economy in the previous years.
- High/low performance of the units in the current year, as compared to low/high performance in the previous year.

Processing and Tabulation of Data: The processing of State ASI data is taken up by the DES, pooling of both State and Central was being done at the State level for estimating

Important industrial characteristics at disaggregated levels i.e. to get a combined estimate at the sub-state level.

Presentation of Data: The pooled estimated results presented in this report are related to reported factories of both Central and Sample samples.

The tables describe several important Industrial characteristics such as changes in Fixed Capital, Working Capital, Invested Capital, Number of Employees and Workers, Emoluments paid to them, Value of input, Value of output and Net Value Added etc. Besides, a comparative analysis has been done in the report to show the trend of Industrial growth in the State and at District level.

The value figures are generally rounded off to Rupees lakh, hence the total of all industry figures may not tally with the sum of individual industry figures.

CHAPTER 2**NATIONAL INDUSTRIAL CLASSIFICATION (NIC) DESCRIPTION**

List of 2-digit NIC codes (2008) along with the description		
Sl. No.	NIC 2008	Description
	(2- Digit) Group	
1	2	3
1	10	Manufacture of food products
2	11	Manufacture of beverages
3	12	Manufacture of tobacco products
4	13	Manufacture of textiles
5	14	Manufacture of wearing apparel
6	15	Manufacture of leather and related products
7	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.
8	17	Manufacture of paper and paper products
9	18	Printing and reproduction of recorded media, excludes publishing activities, see section J for publishing activities
10	19	Manufacture of coke and refined petroleum products
11	20	Manufacture of chemicals and chemical products
12	21	Manufacture of pharmaceuticals, medicinal, chemical and botanical products
13	22	Manufacture of rubber and plastics products
14	23	Manufacture of other non-metallic mineral products
15	24	Manufacture of Basic Metals
16	25	Manufacture of fabricated metal products, except machinery and equipment
17	26	Manufacture of computer, electronic and optical products.
18	27	Manufacture of electrical equipment
19	28	Manufacture of machinery and equipment n.e.c.
20	29	Manufacture of motor vehicles, trailers and semi-trailers
21	30	Manufacture of other transport equipment
22	31	Manufacture of furniture
23	32	Other manufacturing
24	33	Repair and installation of machinery and equipment
25	35	Electricity, Gas, Steam and Air-condition Supply
26	38	Waste collection, treatment and disposal activities; materials recovery
27	45	Wholesale and retail trade and repair of motor vehicles and motorcycles
28	52	Warehousing and support activities for transportation
29	58	Publishing activities
30	82	Office administrative, office support and other business support activities
31	95	Repair of computers and personal and household goods

List of 3-digit NIC codes (2008) along with their description.		
Sl. No	NIC 2008	Description
	(3- Digit) Group	
1	2	3
1	101	Processing and preserving of meat
2	103	Processing and preserving of fruit and vegetables
3	104	Manufacture of vegetable and animal oils and fats
4	105	Manufacture of dairy products
5	106	Manufacture of grain mill products, starches and starch products
6	107	Manufacture of other food products
7	108	Manufacture of prepared animal feeds
8	110	Manufacture of beverages
9	120	Manufacture of tobacco products
10	131	Spinning, weaving and finishing of textiles
11	139	Manufacture of other textiles
12	141	Manufacture of wearing apparel, except fur apparel
13	161	Saw milling and planing of wood
14	162	Manufacture of products of wood, cork, straw and plaiting materials
15	170	Manufacture of paper and paper products
16	181	Printing and service activities related to printing
17	191	Manufacture of coke oven products
18	192	Manufacture of refined petroleum products
19	201	Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
20	202	Manufacture of other chemical products
21	203	Manufacture of man-made fibres
22	210	Manufacture of pharmaceuticals, medicinal chemical and botanical products
23	221	Manufacture of rubber products
24	222	Manufacture of plastics products
25	231	Manufacture of glass and glass products
26	239	Manufacture of non-metallic mineral products n.e.c.
27	241	Manufacture of basic iron and steel
28	242	Manufacture of basic precious and other non-ferrous metals

29	243	Casting of metals
30	251	Manufacture of structural metal products, tanks, reservoirs and steam generators
31	252	Manufacture of weapons and ammunition
32	259	Manufacture of other fabricated metal products; metalworking service activities
33	261	Manufacture of electronic components
34	264	Manufacture of consumer electronics
35	271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
36	272	Manufacture of batteries and accumulators
37	273	Manufacture of wiring and wiring devices
38	274	Manufacture of electric lighting equipment
39	275	Manufacture of domestic appliances
40	279	Manufacture of other electrical equipment
41	281	Manufacture of general purpose machinery
42	282	Manufacture of special-purpose machinery
43	292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
44	293	Manufacture of parts and accessories for motor vehicles
45	302	Manufacture of railway locomotives and rolling stock
46	310	Manufacture of furniture
47	325	Manufacture of medical and dental instruments and supplies
48	329	Other manufacturing n.e.c.
49	331	Repair of fabricated metal products, machinery and equipment
50	332	Installation of industrial machinery and equipment
51	351	Electric power generation, transmission and distribution
52	352	Manufacture of gas; distribution of gaseous fuels through mains
53	382	Waste treatment and disposal
54	452	Maintenance and repair of motor vehicles
55	454	Sale, Maintenance and repair of motorcycles and related parts and Accessories.
56	521	Warehousing and storage
57	581	Publishing of books, periodicals and other publishing activities
58	829	Business support service activities n.e.c.
59	952	Repair of personal and household goods

CHAPTER 3

CONCEPTS AND DEFINITIONS

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 precinct thereof (a) wherein ten or more workers are working, on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power, or is ordinarily so carried on, or (b) wherein twenty or more workers are working 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. **As per the ASI Frame, for the year, 2021-22, there were 5565 registered factories out of which 4548 were found to be in operation.**

FIXED CAPITAL represents the depreciated value of fixed assets owned by the factory as on the closing day of the accounting year. Fixed assets are those, which have a normal productive life of more than one year. Fixed capital includes land including leasehold lands, 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. **As per ASI 2021-22 pooled estimates, the total fixed capital was 1795464 lakhs rupees.**

PHYSICAL WORKING CAPITAL is the total inventories comprising of raw materials and components, fuels and lubricants, spares, stores and others, semi-finished goods and finished goods as on the closing day of the accounting year. However, it does not include the stock of the materials, fuels, stores etc. supplied by others to the factory for processing and finished goods processed by the factory from raw materials supplied by others. **As per ASI 2021-22 pooled estimates, the total physical working capital was 1174471 lakhs rupees.**

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 investment.

INVESTED CAPITAL Is the total of fixed capital and physical working capital as defined. **As per ASI 2021-22, the total invested capital was 2969935 lakhs rupees.**

GROSS VALUE ADDED: GVA is the additional value added by the process of production. This is calculated by deducting the value of Input from gross value of Output. **As per ASI 2021-22 pooled estimates, the gross value added was 3650510 lakhs rupees.**

GROSS VALUE OF PLANT OF MACHINERY represents the total original (undepreciated) 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. **As per ASI 2021-22 pooled estimates, the gross value of plant & Machinery stands at 713910 lakhs rupees.**

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

RENT PAID represents the amount of royalty paid in the nature of rent for the use of the fixed assets in the factory. **As per ASI 2021-22 pooled estimates, the total rent paid was 10786 lakhs rupees.**

INTEREST PAID includes all interest paid on factory account on loan, 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 are excluded. **As per ASI 2021-22 pooled estimates, the interest paid by the factories in operation was 119187 lakhs rupees.**

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

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. **As per ASI 2021-22 pooled estimates, the total workers and employees engaged in 4615 factories was 336230.**

MANDAYS represents 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 shifts worked on all days.

WAGES AND SALARIES are defined to include all remuneration in monetary terms and also payable more or less regularly in each pay period to workers as compensation

for work done during the accounting year. It includes (a) direct wages and salary (i.e., basic wages/salaries, house rent and other allowances); overtime, dearness, compensatory, payment of (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 bonus, productive bonus profit sharing bonus festival or year-end bonus etc.).It excludes layoff payments which are made from trust 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. **As per ASI 2021-22 pooled estimates, the total wages and salaries was 318403 lakhs rupees**

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

CONTRIBUTION TO PROVIDENT FUND AND OTHER FUNDS include old age benefits like provident fund, pension, gratuity etc. and employers 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.

WORKMEN AND STAFF WELFARE EXPENSES include 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.

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.

FUEL 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

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.

EX-FACTORY VALUE of 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.

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. **As per ASI 2021-22 pooled estimates, the total input used by the registered factories in operation was 5754634 lakhs rupees.**

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 material 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. **As per ASI 2021-22 pooled estimates, the total output produced by registered factories was 9405144 lakhs rupees.**

DEPRECIATION represents the part of the Capital stock used due to obsolescence and physical wear. It is a cost of doing business. **As per ASI 2021-22 pooled estimates, the total depreciation was 281659 lakhs rupees.**

NET VALUE ADDED is arrived at by deducting total input and depreciation from total output. **As per ASI 2021-22 pooled estimates, the total net value added was 3368851 lakhs rupees.**

COMPONENTS AND ACCESSORIES CONSUMED are the portion of materials consumed and shown separately to represent as a special type of consumption.

IMPORTED MATERIALS CONSUMED ON ACTUAL USE comprise the portion of materials It may be raw materials or fuels or consumed and which are imported from other countries. Components and accessories of the input basket.

FINISHED GOOD of the factory are the ultimate products read for sale. It does not require further processing but includes packaging and labelling etc.

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 use.

NET INCOME: It is obtained by deducting the value of rent paid & interest paid from the combined values of NVA. **As per ASI 2021-22 pooled estimates, the total net income is 3238878 lakhs rupees.**

NET PROFIT: It is obtained by deducting Wages and Salaries from net income. **As per ASI 2021-22 pooled estimates, the net profit is 2920475 lakhs Rupees.**

CHAPTER-4**TABLE A : HIGHLIGHTS OF TOP TEN INDUSTRIALLY DEVELOPED DISTRICTS
BASED ON THE POOLED ESTIMATES OF ASI 2021-22**

SI No.	District	Highlights
1	Kamrup	Highest in fixed capital, wages, employment, and industrial output
2	Dibrugarh	Very high net profit, gross value added, and capital returns
3	Tinsukia	Strong on profits, wages, and fixed investments
4	Kamrup (M)	High in workers, wages, and net value added
5	Sivasagar	Good value addition, net income, and investments
6	Golaghat	Balanced performance in capital and labor metrics
7	Sonitpur	Strong net profit and employment
8	Jorhat	Moderate industrial activity, healthy profits
9	Udalguri	Small scale but efficient use of capital
10	Cachar	Moderate industrial presence, decent fixed capital

**TABLE B: RANKING OF TOP INDUSTRIALLY DEVELOPED INDUSTRIES BASED
ON THE POOLED ESTIMATES OF ASI 2021-22**

2-digit NIC Industry Division	Gross Value Added (in Cr.)
10-Food products	24400
22-Rubber & Plastic	4629
19-Refined Petroleum products	1935
20-Chemical products	1724
23- Non-metallic minerals	1701
24-Basic metals	612
17-Paper & Paper products	418

3-digit NIC Industry Division	Gross Value Added (in Cr.)
107 – Manufacture of other food products	23439
222 – Manufacture of plastics products	4626
191 – Manufacture of coke oven products	1934
239 – Manufacture of non-metallic mineral products n.e.c.	1701
202 – Manufacture of other chemical products	1488
106 – Manufacture of grain mill products, starches and starch products.	889
241 – Manufacture of basic iron and steel	606

CHAPTER-5 (Major Characteristics District-Wise)**Table 5.1****No. of Registered Manufacturing Units as per ASI Frame 2021-22**

Sl. No.	Districts	No. of Factories	Percentage
1	All	5565	100
2	06-Kamrup	1100	19.77
3	26-Kamrup (M)	505	9.07
4	14-Tinsukia	474	8.52
5	11-Sonitpur	453	8.14
6	15-Dibrugarh	380	6.83
7	21-Cachar	374	6.56
8	10-Nagaon	364	6.54
9	16-Sivasagar	336	6.04
10	17-Jorhat	305	5.48
11	18-Golaghat	250	4.49
12	02-Dhubri	126	2.26
13	22-Karimganj	119	2.14
14	09-Morigaon	111	1.99
15	08-Darrang	92	1.65
16	05-Barpeta	83	1.49
17	27-Udalguri	81	1.46
18	04-Bongaigaon	77	1.29
19	12-Lakhimpur	68	1.22
20	07-Nalbari	60	1.08
21	23-Hailakandi	46	0.83
22	03-Goalpara	42	0.75
23	25-Baksa	38	0.59
24	19-Karbi-Anglong	32	0.58
25	01-Kokrajhar	31	0.56
26	13-Dhemaji	18	0.32

Table 5.2**No. of Factories in operation for 2021-22**

Sl. No.	Districts	Factories in Operation	Percentage
1	All	4548	100
2	06-Kamrup	1052	23.13
3	26-Kamrup (M)	461	10.14
4	14-Tinsukia	410	9.01
5	11-Sonitpur	363	7.98
6	21-Cachar	334	7.34
7	10-Nagaon	307	6.75
8	16-Sivasagar	295	6.49
9	17-Jorhat	283	6.22
10	18-Golaghat	213	4.68
11	22-Karimganj	110	2.42
12	02-Dhubri	94	2.07
13	27-Udalguri	72	1.58
14	08-Darrang	70	1.54
15	15-Dibrugarh	69	1.52
16	05-Barpeta	64	1.41
17	09-Morigaon	64	1.41
18	12-Lakhimpur	53	1.17
19	04-Bongaigaon	49	1.08
20	23-Hailakandi	49	1.08
21	07-Nalbari	43	0.95
22	03-Goalpara	23	0.51
23	25-Baksa	22	0.48
24	01-Kokrajhar	21	0.46
25	19-Karbi-Anglong	11	0.24
26	13-Dhemaji	10	0.22

Table 5.3**Invested Capital of the Registered Manufacturing Units (In Lakhs Rs.)**

Sl. No	Districts	Invested Capital	Percentage
1	All	2969935	100
2	06-Kamrup	1264106	42.56
3	14-Tinsukia	499745	16.83
4	11-Sonitpur	331408	11.16
5	26-Kamrup (M)	321529	10.83
6	18-Golaghat	139442	4.70
7	10-Nagaon	66854	2.25
8	17-Jorhat	64792	2.18
9	21-Cachar	58996	1.99
10	27-Udalguri	38101	1.28
11	16-Sivasagar	37055	1.25
12	08-Darrang	35777	1.20
13	02-Dhubri	17416	0.59
14	15-Dibrugarh	14778	0.50
15	23-Hailakandi	12677	0.43
16	01-Kokrajhar	11847	0.40
17	07-Nalbari	11846	0.40
18	22-Karimganj	9505	0.32
19	05-Barpeta	9352	0.31
20	25-Baksa	7385	0.25
21	09-Morigaon	3817	0.13
22	04-Bongaigaon	3601	0.12
23	12-Lakhimpur	3089	0.10
24	19-Karbi-Anglong	3071	0.10
25	03-Goalpara	1971	0.07
26	13-Dhemaji	1775	0.06

Table 5.4**Gross Value Added of the Registered Manufacturing Units (In Lakhs Rs.)**

Sl. No.	Districts	Gross Value Added	Percentage
1.	All	3650510	Percentage
2.	15-Dibrugarh	1776308	48.66
3.	06-Kamrup	416455	11.41
4.	14-Tinsukia	394607	10.81
5.	26-Kamrup (M)	388048	10.63
6.	16-Sivasagar	233178	6.39
7.	11-Sonitpur	201022	5.51
8.	18-Golaghat	108449	2.97
9.	17-Jorhat	46168	1.26
10.	21-Cachar	20736	0.57
11.	10-Nagaon	19123	0.52
12.	27-Udalguri	15546	0.43
13.	23-Hailakandi	7840	0.21
14.	08-Darrang	7446	0.20
15.	09-Morigaon	3248	0.09
16.	02-Dhubri	3174	0.09
17.	07-Nalbari	3122	0.09
18.	22-Sribhumi	2788	0.08
19.	04-Bongaigaon	2032	0.06
20.	05-Barpeta	1870	0.05
21.	13-Dhemaji	1109	0.03
22.	12-Lakhimpur	1033	0.03
23.	03-Goalpara	417	0.01
24.	25-Baksa	-412	-0.01
25.	01-Kokrajhar	-1194	-0.03
26.	19-Karbi-Anglong	-1603	-0.04

Table 5.5**Gross Fixed Capital Formation of the Registered Manufacturing Units (In Lakhs Rs.)**

Sl. No.	Districts	Gross Fixed Capital Formation	Percentage
1	All	162541	100
2	06-Kamrup	107960	66.42
3	14-Tinsukia	12032	7.40
4	26-Kamrup (M)	9662	5.94
5	18-Golaghat	6427	3.95
6	15-Dibrugarh	3909	2.40
7	04-Bongaigaon	3786	2.33
8	07-Nalbari	3708	2.28
9	11-Sonitpur	3589	2.21
10	21-Cachar	2408	1.48
11	05-Barpeta	1760	1.08
12	17-Jorhat	1598	0.98
13	08-Darrang	1383	0.85
14	16-Sivasagar	1379	0.85
15	10-Nagaon	1220	0.75
16	23-Hailakandi	555	0.34
17	12-Lakhimpur	429	0.26
18	27-Udalguri	309	0.19
19	19-Karbi-Anglong	172	0.11
20	02-Dhubri	119	0.07
21	22-Karimganj	47	0.03
22	01-Kokrajhar	27	0.02
23	03-Goalpara	20	0.01
24	13-Dhemaji	20	0.01
25	09-Morigaon	14	0.01
26	25-Baksa	7	0.00

Table 5.6**Net Income of the registered Factories Units (In Lakhs Rs.)**

Sl. No.	Districts	Net Income	Percentage
1	All	3238878	100
2	15-Dibrugarh	1874175	57.86
3	14-Tinsukia	346230	10.69
4	26-Kamrup (M)	301262	9.30
5	16-Sivasagar	223435	6.90
6	11-Sonitpur	182805	5.64
7	06-Kamrup	167815	5.18
8	18-Golaghat	79644	2.46
9	17-Jorhat	30052	0.93
10	10-Nagaon	10713	0.33
11	27-Udalguri	9236	0.29
12	23-Hailakandi	5802	0.18
13	21-Cachar	5288	0.16
14	08-Darrang	3642	0.11
15	22-Sribhumi	1263	0.04
16	13-Dhemaji	1000	0.03
17	07-Nalbari	778	0.02
18	04-Bongaigaon	615	0.02
19	09-Morigaon	371	0.01
20	12-Lakhimpur	339	0.01
21	05-Barpeta	280	0.01
22	03-Goalpara	278	0.01
23	02-Dhubri	15	0.00
24	25-Baksa	-744	-0.02
25	19-Karbi-Anglong	-2409	-0.07
26	01-Kokrajhar	-3007	-0.09

Table 5.7**Net Profit of the registered Factories Units (In Lakhs Rs.)**

Sl. No.	Districts	Net Profit	Percentage
1	All	2920475	100
2	15-Dibrugarh	1352122	46.30
3	26-Kamrup (M)	366143	12.54
4	14-Tinsukia	364113	12.47
5	06-Kamrup	237929	8.15
6	16-Sivasagar	228500	7.82
7	11-Sonitpur	194010	6.64
8	18-Golaghat	100336	3.44
9	17-Jorhat	39160	1.34
10	21-Cachar	15797	0.54
11	27-Udalguri	11761	0.40
12	23-Hailakandi	7265	0.25
13	08-Darrang	5416	0.19
14	09-Morigaon	2515	0.09
15	02-Dhubri	2405	0.08
16	07-Nalbari	1841	0.06
17	22-Sribhumi	1785	0.06
18	04-Bongaigaon	1719	0.06
19	13-Dhemaji	1043	0.04
20	05-Barpeta	786	0.03
21	12-Lakhimpur	646	0.02
22	03-Goalpara	369	0.01
23	25-Baksa	-475	-0.02
24	19-Karbi-Anglong	-2121	-0.07
25	01-Kokrajhar	-2220	-0.08
26	10-Nagaon	-10370	-0.36

Table 5.8
Total Workers and Employees (in Nos.)

Sl. No.	Districts	Total Workers and Employees	Percentage
1	All	336230	100
2	06-Kamrup	87680	26.08
3	26-Kamrup (M)	35303	10.50
4	10-Nagaon	32332	9.62
5	14-Tinsukia	28533	8.49
6	21-Cachar	27841	8.28
7	18-Golaghat	24863	7.39
8	11-Sonitpur	21869	6.50
9	17-Jorhat	17286	5.14
10	16-Sivasagar	14690	4.37
11	09-Morigaon	8183	2.43
12	02-Dhubri	7476	2.22
13	15-Dibrugarh	6153	1.83
14	04-Bongaigaon	3663	1.09
15	27-Udalguri	3474	1.03
16	23-Hailakandi	2960	0.88
17	08-Darrang	2681	0.80
18	22-Karimganj	2475	0.74
19	12-Lakhimpur	2006	0.60
20	05-Barpeta	1618	0.48
21	07-Nalbari	1564	0.47
22	25-Baksa	1375	0.41
23	01-Kokrajhar	1262	0.38
24	19-Karbi-Anglong	575	0.17
25	03-Goalpara	253	0.08
26	13-Dhemaji	113	0.03

Table 5.9
Total Wages and Salaries (In Lakhs Rs.)

Sl. No.	Districts	Total Wages and Salaries	Percentage
1	All	318403	100
2	06-Kamrup	98387	30.90
3	26-Kamrup (M)	74433	23.38
4	14-Tinsukia	25078	7.88
5	10-Nagaon	21083	6.62
6	18-Golaghat	19721	6.19
7	11-Sonitpur	16800	5.28
8	21-Cachar	16383	5.15
9	17-Jorhat	11330	3.56
10	16-Sivasagar	8286	2.60
11	02-Dhubri	4228	1.33
12	09-Morigaon	3895	1.22
13	15-Dibrugarh	3262	1.02
14	27-Udalguri	3220	1.01
15	08-Darrang	2290	0.72
16	04-Bongaigaon	2009	0.63
17	23-Hailakandi	1980	0.62
18	07-Nalbari	1671	0.52
19	01-Kokrajhar	1040	0.33
20	22-Karimganj	903	0.28
21	05-Barpeta	806	0.25
22	25-Baksa	509	0.16
23	12-Lakhimpur	474	0.15
24	19-Karbi-Anglong	396	0.12
25	03-Goalpara	143	0.04
26	13-Dhemaji	75	0.02

Chapter-6 (Principal Characteristics as per 2 digit NIC Codes)**Table 6.1 (No. of Factories as per ASI Frame for 2021-22)**

SL. No	Characteristics	Number of Factories (no.)	Percentage
1	All	5565	100
2	23-Non-metallic minerals	2144	38.52
3	10-Food products	1537	27.62
4	22-Rubber & Plastic	400	7.19
5	20-Chemical products	160	2.88
6	17-Paper & Paper products	151	2.71
7	00-Miscellaneous	150	2.70
8	11- Beverages	146	2.62
9	45-R&M of Motor vehicles	131	2.35
10	24-Basic metals	114	2.05
11	22-Fabricated metal products	111	1.99
12	16-Wood products	106	1.90
13	19-Refined Petroleum products	99	1.78
14	27-Electrical equipment	81	1.46
15	21-Pharmaceuticals	48	0.86
16	31-Wood & Metal Furniture	48	0.86
17	18-Printing	47	0.84
18	33-Installation of machinery	38	0.68
19	13-Textiles	35	0.63
20	35-Electricity, gas, steam, and air condition supply	14	0.25
21	58-Publishing activities	5	0.09

Table 6.2**Factories in Operation (in Nos.) of the Registered Manufacturing Units for 2021-22**

SL. No	Characteristics	Factories in Operation (no.)	Percentage
1	All	4548	100
2	23-Non-metallic minerals	2021	44.37
3	10-Food products	1092	24.01
4	22-Rubber & Plastic	377	8.29
5	45-R&M of Motor vehicles	115	2.53
6	17-Paper & Paper products	110	2.42
7	20-Chemical products	110	2.42
8	11- Beverages	109	2.40
9	25-Fabricated metal products	101	2.22
10	24-Basic metals	82	1.80
11	19-Refined Petroleum products	79	1.74
12	16-Wood products	72	1.58
13	27-Electrical equipment	56	1.23
14	00-Miscellaneous	51	1.12
15	31-Wood & Metal Furniture	48	1.06
16	18-Printing	47	1.03
17	33-Installation of machinery	34	0.75
18	21-Pharmaceuticals	29	0.64
19	13-Textiles	12	0.26
20	58-Publishing activities	2	0.04
21	35-Electricity, gas, steam, and air condition supply	1	0.02

Table 6.3**Invested Capital of the Registered Manufacturing Units (In Lakhs Rs.)**

SL. No	Characteristics	Invested Capital	Percentage
1	All	2969935	100
2	10-Food products	1177569	39.65
3	24-Basic metals	431964	14.54
4	19-Refined Petroleum products	332139	11.18
5	22-Rubber & Plastic	324143	10.91
6	20-Chemical products	221430	7.46
7	45-R&M of Motor vehicles	127800	4.3
8	23-Non-metallic minerals	68917	2.32
9	31-Wood & Metal Furniture	51900	1.75
10	17-Paper & Paper products	48120	1.62
11	21-Pharmaceuticals	43467	1.46
12	18-Printing	37702	1.27
13	11- Beverages	37261	1.25
14	25-Fabricated metal products	36840	1.24
15	27-Electrical equipment	15716	0.53
16	33-Installation of machinery	6052	0.2
17	Miscellaneous	2038	0.07
18	16-Wood products	5286	0.18
19	13-Textiles	1304	0.04
20	58-Publishing activities	295	0.01
21	35-Electricity, gas, steam, and air condition supply	-8	0.0

Table 6.4**Gross Value Added of the Registered Manufacturing Units (In Lakhs Rs.)**

Sl. No	Characteristics	Gross Value Added	Percentage
1	All	3650510	100
2	10-Food products	2440063	65.91
3	22-Rubber & Plastic	462977	13.04
4	19-Refined Petroleum products	193526	5.45
5	20-Chemical products	172436	4.86
6	23- Non-metallic minerals	170123	4.79
7	24-Basic metals	61236	1.72
8	17-Paper & Paper products	41896	1.18
9	11- Beverages	33332	0.94
10	21-Pharmaceuticals	18079	0.51
11	18-Printing	16151	0.45
12	00-Miscellaneous	13889	0.39
13	31-Wood & Metal Furniture	7769	0.22
14	45-R&M of Motor vehicles	6096	0.17
15	27-Electrical equipment	4496	0.13
16	16-Wood products	4116	0.12
17	25-Fabricated metal products	2318	0.07
18	33-Installation of machinery	1650	0.05
19	58-Publishing activities	223	0.01
20	13-Textiles	124	0.0
21	35-Electricity, gas, steam, and air condition supply	10	0.0

Table 6.5**Gross Fixed Capital Formation of the Registered Manufacturing Units (In Lakhs Rs.)**

Sl. No.	Characteristics	Gross Fixed Capital Formation	Percentage
1.	All	162541	100
2.	22-Rubber & Plastic	40022	24.62
3.	10-Food products	29408	18.09
4.	23-Non metallic minerals	22528	13.86
5.	24-Basic metals	18293	11.25
6.	20-Chemical products	13849	8.52
7.	45-R&M of Motor vehicles	12906	7.94
8.	19-Refined Petroleum products	5770	3.55
9.	31-Wood & Metal Furniture	5452	3.35
10.	11- Beverages	5178	3.19
11.	27-Electrical equipment	3435	2.11
12.	17-Paper & Paper products	2940	1.81
13.	25-Fabricated metal products	2550	1.57
14.	00-Miscellaneous	256	0.16
15.	16-Wood products	103	0.06
16.	33-Installation of machinery	59	0.04
17.	13-Textiles	-4	0.00
18.	21-Pharmaceuticals	-89	-0.05
19.	18-Printing	-117	-0.07

Table 6.6**Net Income of the registered Factories Units (In Lakhs Rs.)**

SL. No	Characteristics	Net Income	Percentage
1	All	3238878	100
2	10-Food products	2329820	71.93
3	22-Rubber & Plastic	382289	11.80
4	19-Refined Petroleum products	182360	5.63
5	20-Chemical products	139829	4.32
6	23-Non-metallic minerals	158696	4.90
7	17-Paper & Paper products	30382	0.94
8	11- Beverages	24668	0.76
9	21-Pharmaceuticals	15611	0.48
10	00-Miscellaneous	11682	0.36
11	16-Wood products	2567	0.08
12	31-Wood & Metal Furniture	1895	0.06
13	33-Installation of machinery	405	0.01
14	58-Publishing activities	41	0.00
15	35-Electricity, gas, steam, and air condition supply	-4	0.00
16	13-Textiles	-92	0.00
17	27-Electrical equipment	-755	-0.02
18	25-Fabricated metal products	-2966	-0.09
19	24-Basic metals	-5620	-0.17
20	18-Printing	-6156	-0.19
21	45-R&M of Motor vehicles	-25774	-0.80

Table 6.7**Net Profit of the registered Factories Units (In Lakhs Rs.)**

SL. No	Characteristics	Net Profit	Percentage
1	All	2920475	100
2	10-Food products	1956303	66.99
3	22-Rubber & Plastic	420585	14.40
4	19-Refined Petroleum products	203222	6.96
5	20-Chemical products	154335	5.28
6	23-Non-metallic minerals	83833	2.87
7	17-Paper & Paper products	34135	1.17
8	11- Beverages	29948	1.03
9	21-Pharmaceuticals	16927	0.58
10	18-Printing	14165	0.49
11	00-Miscellaneous	13490	0.46
12	31-Wood & Metal Furniture	3263	0.11
13	16-Wood products	3058	0.10
14	27-Electrical equipment	2780	0.10
15	33-Installation of machinery	1257	0.04
16	24-Basic metals	504	0.02
17	58-Publishing activities	203	0.01
18	35-Electricity, gas, steam, and air condition supply	10	0.00
19	13-Textiles	-38	0.00
20	25-Fabricated metal products	-525	-0.02
21	45-R&M of Motor vehicles	-16980	-0.58

Table 6.8**Total Workers and Employees (in Nos.)**

SL. No	Characteristics	Total Workers and Employees	Percentage
1	All	336230	100
2	10-Food products	125408	37.30
3	23-Non-metallic minerals	119201	35.45
4	22-Rubber & Plastic	32714	9.73
5	20-Chemical products	9441	2.81
6	45-R&M of Motor vehicles	7428	2.21
7	18-Printing	6290	1.87
8	24-Basic metals	6072	1.81
9	17-Paper & Paper products	5445	1.62
10	11- Beverages	5138	1.53
11	25-Fabricated metal products	3820	1.14
12	31-Wood & Metal Furniture	3281	0.98
13	19-Refined Petroleum products	3149	0.94
14	27-Electrical equipment	2687	0.80
15	00-Miscellaneous	1913	0.57
16	21-Pharmaceuticals	1812	0.54
17	16-Wood products	1392	0.41
18	33-Installation of machinery	839	0.25
19	58-Publishing activities	118	0.04
20	13-Textiles	66	0.02
21	35-Electricity, gas, steam, and air condition supply	15	0.0

Table 6.9
Total Wages and Salaries (In Lakhs Rs.)

SL. No	Characteristics	Total Wages and Salaries	Percentage
1	All	318403	100
2	10-Food products	97509	30.62
3	23-Non-metallic minerals	59647	18.73
4	22-Rubber & Plastic	53032	16.66
5	18-Printing	35892	11.27
6	20-Chemical products	20770	6.52
7	45-R&M of Motor vehicles	10786	3.39
8	11- Beverages	7696	2.42
9	24-Basic metals	7044	2.21
10	17-Paper & Paper products	5452	1.71
11	27-Electrical equipment	5419	1.7
12	25-Fabricated metal products	4611	1.45
13	00-Miscellaneous	2159	0.68
14	31-Wood & Metal Furniture	2062	0.65
15	19-Refined Petroleum products	1969	0.62
16	21-Pharmaceuticals	1949	0.61
17	33-Installation of machinery	1261	0.4
18	16-Wood products	792	0.25
19	58-Publishing activities	241	0.08
20	13-Textiles	91	0.03
21	35-Electricity, gas, steam, and air condition supply	19	0.01

Chapter-7 (Principal Characteristics as per 3 digit NIC Codes)**Table 7.1 (No. of Factories as per ASI Frame for 2021-22)**

SI No	Characteristics	Number of Factories (no.)	Percentage
1	All	5565	100
2	239-Manufacture of non-metallic mineral products n.e.c.	2267	40.74
3	107-Manufacture of other food products	1066	19.16
4	222-Manufacture of plastics products	386	6.94
5	106-Manufacture of grain mill products, starches and starch products	340	6.11
6	170-Manufacture of paper and paper products	151	2.71
7	110-Manufacture of beverages	146	2.62
8	202-Manufacture of other chemical products	122	2.19
9	452-Maintenance and repair of motor vehicles	114	2.05
10	241-Manufacture of basic iron and steel	84	1.51
11	259-Manufacture of other fabricated metal products; metalworking service activities	74	1.33
12	000-Misc.	70	1.26
13	191-Manufacture of coke oven products	70	1.26
14	161-Saw milling and planning of wood	68	1.22
15	104-Manufacture of vegetable and animal oils and fats	53	0.95
16	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	48	0.86
17	181-Printing and service activities related to printing	47	0.84
18	310-Manufacture of furniture	46	0.83
19	103-Processing and preserving of fruit and vegetables	44	0.79

SI No	Characteristics	Number of Factories (no.)	Percentage
20	162-Manufacture of products of wood, cork, straw and plaiting materials	38	0.68
21	331-Repair of fabricated metal products, machinery and equipment	38	0.68
22	201-Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	36	0.65
23	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	36	0.65
24	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	34	0.61
25	192-Manufacture of refined petroleum products	30	0.54
26	242-Manufacture of basic precious and other non-ferrous metals	23	0.41
27	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	22	0.40
28	131-Spinning, weaving and finishing of textiles	19	0.34
29	105-Manufacture of dairy products	18	0.32
30	221-Manufacture of rubber products	18	0.32
31	139-Manufacture of other textiles	16	0.29
32	108-Manufacture of prepared animal feeds	15	0.27
33	279-Manufacture of other electrical equipment	13	0.23
34	352-Manufacture of gas; distribution of gaseous fuels through mains	10	0.18
35	231-Manufacture of glass and glass products	6	0.11
36	581-Publishing of books, periodicals and other publishing activities	5	0.09
37	203-Manufacture of man-made fibres	2	0.04

Table 7.2**Factories in Operation (in Nos.) of the Registered Manufacturing Units for 2021-22**

Sl no	Characteristics	Factories in Operation	Percentage
1	All	4548	100
2	239-Manufacture of non-metallic mineral products n.e.c.	2013	44.26
3	107-Manufacture of other food products	712	15.66
4	222-Manufacture of plastics products	372	8.18
5	106-Manufacture of grain mill products, starches and starch products	312	6.86
6	170-Manufacture of paper and paper products	110	2.42
7	110-Manufacture of beverages	109	2.40
8	202-Manufacture of other chemical products	94	2.07
9	452-Maintenance and repair of motor vehicles	93	2.04
10	259-Manufacture of other fabricated metal products; metalworking service activities	85	1.87
11	241-Manufacture of basic iron and steel	75	1.65
12	191-Manufacture of coke oven products	70	1.54
13	161-Saw milling and planing of wood	53	1.17
14	000-Misc.	51	1.12
15	310-Manufacture of furniture	48	1.06
16	181-Printing and service activities related to printing	47	1.03
17	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	45	0.99
18	331-Repair of fabricated metal products, machinery and equipment	34	0.75
19	104-Manufacture of vegetable and animal oils and fats	32	0.70

Sl no	Characteristics	Factories in Operation	Percentage
20	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	29	0.64
21	103-Processing and preserving of fruit and vegetables	22	0.48
22	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	22	0.48
23	162-Manufacture of products of wood, cork, straw and plaiting materials	19	0.42
24	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	17	0.37
25	201-Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	15	0.33
26	279-Manufacture of other electrical equipment	11	0.24
27	192-Manufacture of refined petroleum products	9	0.20
28	105-Manufacture of dairy products	8	0.18
29	108-Manufacture of prepared animal feeds	7	0.15
30	242-Manufacture of basic precious and other non-ferrous metals	7	0.15
31	131-Spinning, weaving and finishing of textiles	6	0.13
32	139-Manufacture of other textiles	6	0.13
33	221-Manufacture of rubber products	6	0.13
34	231-Manufacture of glass and glass products	5	0.11
35	581-Publishing of books, periodicals and other publishing activities	2	0.04
36	203-Manufacture of man-made fibres	1	0.02
37	352-Manufacture of gas; distribution of gaseous fuels through mains	1	0.02

Table 7.3**Gross Value Added of the Registered Manufacturing Units (In Lakhs Rs.)**

Sl.No	Characteristics	Gross Value Added	Percentage
1	All	3650510	100
2	107-Manufacture of other food products	2343967	64.21
3	222-Manufacture of plastics products	462628	12.67
4	191-Manufacture of coke oven products	193446	5.30
5	239-Manufacture of non-metallic mineral products n.e.c.	170192	4.66
6	202-Manufacture of other chemical products	148804	4.08
7	106-Manufacture of grain mill products, starches and starch products	88952	2.44
8	241-Manufacture of basic iron and steel	60675	1.66
9	170-Manufacture of paper and paper products	41896	1.15
10	110-Manufacture of beverages	33332	0.91
11	201-Manufacture of pharmaceuticals, medicinal chemical and botanical products	23632	0.65
12	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	18079	0.50
13	181-Printing and service activities related to printing	16151	0.44
14	000-Misc.	13889	0.38
15	310-Manufacture of furniture	7769	0.21
16	108-Manufacture of prepared animal feeds	4705	0.13
17	452-Maintenance and repair of motor vehicles	4535	0.12
18	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus.	3989	0.11

SI No.	Characteristics	Gross Value Added	Percentage
19	105-Manufacture of dairy products	3698	0.10
20	162-Manufacture of products of wood, cork, straw and plaiting materials	3521	0.10
21	259-Manufacture of other fabricated metal products; metalworking service activities	3205	0.09
22	331-Repair of fabricated metal products, machinery and equipment	1650	0.05
23	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	1561	0.04
24	103-Processing and preserving of fruit and vegetables	905	0.02
25	161-Saw milling and planing of wood	595	0.02
26	242-Manufacture of basic precious and other non-ferrous metals	561	0.02
27	279-Manufacture of other electrical equipment	507	0.01
28	221-Manufacture of rubber products	349	0.01
29	581-Publishing of books, periodicals and other publishing activities	223	0.01
30	139-Manufacture of other textiles	105	0.00
31	192-Manufacture of refined petroleum products	79	0.00
32	131-Spinning, weaving and finishing of textiles	20	0.00
33	352-Manufacture of gas; distribution of gaseous fuels through mains	10	0.00
34	203-Manufacture of man-made fibres	0	0.00
35	231-Manufacture of glass and glass products	-68	0.00
36	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	-887	-0.02
37	104-Manufacture of vegetable and animal oils and fats	-2165	-0.06

Table 7.4**Invested Capital of the Registered Manufacturing Units (In Lakhs rupees)**

SI No	Characteristics	Invested Capital	Percentage
1	All	2969935	100
2	106-Manufacture of grain mill products, starches and starch products	760739	24.76
3	241-Manufacture of basic iron and steel	429618	14.47
4	107-Manufacture of other food products	380003	12.79
5	191-Manufacture of coke oven products	331109	11.15
6	222-Manufacture of plastics products	323261	10.88
7	202-Manufacture of other chemical products	177344	5.97
8	452-Maintenance and repair of motor vehicles	126235	4.25
9	239-Manufacture of non-metallic mineral products n.e.c.	68637	2.31
10	310-Manufacture of furniture	51900	1.75
11	170-Manufacture of paper and paper products	48120	1.62
12	201-Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	44005	1.48
13	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	43467	1.46
14	181-Printing and service activities related to printing	37702	1.27
15	110-Manufacture of beverages	37261	1.25
16	259-Manufacture of other fabricated metal products; metalworking service activities	33461	1.13
17	104-Manufacture of vegetable and animal oils and fats	15915	0.54
18	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	10887	0.37

SI No	Characteristics	Invested Capital	Percentage
19	108-Manufacture of prepared animal feeds	9825	0.33
20	331-Repair of fabricated metal products, machinery and equipment	6052	0.20
21	103-Processing and preserving of fruit and vegetables	6017	0.20
22	105-Manufacture of dairy products	5071	0.17
23	279-Manufacture of other electrical equipment	4829	0.16
24	162-Manufacture of products of wood, cork, straw and plaiting materials	4094	0.14
25	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	3380	0.11
26	242-Manufacture of basic precious and other non-ferrous metals	2346	0.08
27	000-Misc.	2038	0.07
28	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	1565	0.05
29	161-Saw milling and planning of wood	1191	0.04
30	192-Manufacture of refined petroleum products	1030	0.03
31	131-Spinning, weaving and finishing of textiles	941	0.03
32	221-Manufacture of rubber products	882	0.03
33	139-Manufacture of other textiles	363	0.01
34	581-Publishing of books, periodicals and other publishing activities	295	0.01
35	231-Manufacture of glass and glass products	280	0.01
36	203-Manufacture of man-made fibres	80	0.00
37	352-Manufacture of gas; distribution of gaseous fuels through mains	-8	0.00

Table 7.5**Gross Fixed Capital Formation of the Registered Manufacturing Units (In Lakhs Rs.)**

Sl no	Characteristics	Gross Fixed Capital Formation	Percentage
1	All	162541	100
2	222-Manufacture of plastics products	39989	24.60
3	239-Manufacture of non-metallic mineral products n.e.c.	22526	13.86
4	107-Manufacture of other food products	19567	12.04
5	241-Manufacture of basic iron and steel	18024	11.09
6	452-Maintenance and repair of motor vehicles	12932	7.96
7	202-Manufacture of other chemical products	11469	7.06
8	106-Manufacture of grain mill products, starches and starch products	6578	4.05
9	191-Manufacture of coke oven products	5770	3.55
10	310-Manufacture of furniture	5452	3.35
11	110-Manufacture of beverages	5178	3.19
12	279-Manufacture of other electrical equipment	2997	1.84
13	170-Manufacture of paper and paper products	2940	1.81
14	259-Manufacture of other fabricated metal products; metalworking service activities	2545	1.57
15	201-Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	2381	1.46
16	108-Manufacture of prepared animal feeds	2353	1.45
17	104-Manufacture of vegetable and animal oils and fats	583	0.36

SI No	Characteristics	Gross Fixed Capital Formation	Percentage
18	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	439	0.27
19	242-Manufacture of basic precious and other non-ferrous metals	269	0.17
20	000-Misc.	256	0.16
21	105-Manufacture of dairy products	166	0.10
22	103-Processing and preserving of fruit and vegetables	162	0.10
23	162-Manufacture of products of wood, cork, straw and plaiting materials	127	0.08
24	331-Repair of fabricated metal products, machinery and equipment	59	0.04
25	221-Manufacture of rubber products	32	0.02
26	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	5	0.00
27	231-Manufacture of glass and glass products	2	0.00
28	139-Manufacture of other textiles	0	0.00
29	192-Manufacture of refined petroleum products	0	0.00
30	203-Manufacture of man-made fibres	0	0.00
31	352-Manufacture of gas; distribution of gaseous fuels through mains	0	0.00
32	581-Publishing of books, periodicals and other publishing activities	0	0.00
33	131-Spinning, weaving and finishing of textiles	-4	0.00
34	161-Saw milling and planing of wood	-24	-0.01
35	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	-26	-0.02
36	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	-89	-0.05
37	181-Printing and service activities related to printing	-117	-0.07

Table 7.6**Net Income of the registered Factories Units (In Lakhs Rs.)**

Sl No	Characteristics	Net Income	Percentage
1	All	3238878	100
2	107-Manufacture of other food products	2246877	71.79
3	222-Manufacture of plastics products	491189	15.69
4	191-Manufacture of coke oven products	182430	5.83
5	202-Manufacture of other chemical products	119374	3.81
6	106-Manufacture of grain mill products, starches and starch products	80367	2.57
7	239-Manufacture of non-metallic mineral products n.e.c.	49748	1.59
8	170-Manufacture of paper and paper products	30382	0.97
9	110-Manufacture of beverages	24668	0.79
10	201-Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	20462	0.65
11	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	15611	0.50
12	000-Misc.	11682	0.37
13	108-Manufacture of prepared animal feeds	3410	0.11
14	105-Manufacture of dairy products	2775	0.09
15	162-Manufacture of products of wood, cork, straw and plaiting materials	2406	0.08
16	310-Manufacture of furniture	1895	0.06
17	331-Repair of fabricated metal products, machinery and equipment	405	0.01
18	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	400	0.01

SI No	Characteristics	Net Income	Percentage
19	221-Manufacture of rubber products	195	0.01
20	161-Saw milling and planing of wood	160	0.01
21	242-Manufacture of basic precious and other non-ferrous metals	156	0.00
22	139-Manufacture of other textiles	49	0.00
23	581-Publishing of books, periodicals and other publishing activities	41	0.00
24	352-Manufacture of gas; distribution of gaseous fuels through mains	-4	0.00
25	203-Manufacture of man-made fibres	-7	0.00
26	192-Manufacture of refined petroleum products	-70	0.00
27	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	-129	0.00
28	131-Spinning, weaving and finishing of textiles	-141	0.00
29	231-Manufacture of glass and glass products	-153	0.00
30	103-Processing and preserving of fruit and vegetables	-163	-0.01
31	259-Manufacture of other fabricated metal products; metalworking service activities	-604	-0.02
32	279-Manufacture of other electrical equipment	-626	-0.02
33	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	-2363	-0.08
34	104-Manufacture of vegetable and animal oils and fats	-3437	-0.11
35	241-Manufacture of basic iron and steel	-5777	-0.18
36	181-Printing and service activities related to printing	-6156	-0.20
37	452-Maintenance and repair of motor vehicles	-26174	-0.84

Table 7.7**Net Profit of the registered Factories Units (In Lakhs Rs.)**

Sl No	Characteristics	Net Profit	Percentage
1	All	2920475	100
2	107-Manufacture of other food products	1899793	65.05
3	222-Manufacture of plastics products	420366	14.39
4	191-Manufacture of coke oven products	185446	6.35
5	202-Manufacture of other chemical products	131416	4.50
6	239-Manufacture of non-metallic mineral products n.e.c.	101740	3.48
7	106-Manufacture of grain mill products, starches and starch products	52161	1.79
8	170-Manufacture of paper and paper products	34135	1.17
9	110-Manufacture of beverages	29948	1.03
10	201-Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	22926	0.79
11	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	16927	0.58
12	181-Printing and service activities related to printing	14165	0.49
13	000-Misc.	13490	0.46
14	108-Manufacture of prepared animal feeds	4022	0.14
15	310-Manufacture of furniture	3263	0.11
16	105-Manufacture of dairy products	3000	0.10
17	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	2964	0.10
18	162-Manufacture of products of wood, cork, straw and plaiting materials	2539	0.09

SI No	Characteristics	Net Profit	Percentage
19	331-Repair of fabricated metal products, machinery and equipment	1257	0.04
20	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	638	0.02
21	161-Saw milling and planing of wood	519	0.02
22	103-Processing and preserving of fruit and vegetables	477	0.02
23	242-Manufacture of basic precious and other non-ferrous metals	448	0.02
24	259-Manufacture of other fabricated metal products; metalworking service activities	440	0.02
25	221-Manufacture of rubber products	219	0.01
26	581-Publishing of books, periodicals and other publishing activities	203	0.01
27	139-Manufacture of other textiles	83	0.00
28	241-Manufacture of basic iron and steel	56	0.00
29	352-Manufacture of gas; distribution of gaseous fuels through mains	10	0.00
30	203-Manufacture of man-made fibres	-7	0.00
31	192-Manufacture of refined petroleum products	-51	0.00
32	231-Manufacture of glass and glass products	-80	0.00
33	131-Spinning, weaving and finishing of textiles	-121	0.00
34	279-Manufacture of other electrical equipment	-184	-0.01
35	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	-965	-0.03
36	104-Manufacture of vegetable and animal oils and fats	-3150	-0.11
37	452-Maintenance and repair of motor vehicles	-17618	-0.61

Table 7.8
Total Workers and Employees (in Nos.)

Sl no	Characteristics	Total Workers & Employees	Percentage
1	All	336230	100
2	239-Manufacture of non-metallic mineral products n.e.c.	119122	35.43
3	107-Manufacture of other food products	116053	34.52
4	222-Manufacture of plastics products	32575	9.69
5	202-Manufacture of other chemical products	8747	2.60
6	106-Manufacture of grain mill products, starches and starch products	6857	2.04
7	181-Printing and service activities related to printing	6290	1.87
8	452-Maintenance and repair of motor vehicles	6218	1.85
9	241-Manufacture of basic iron and steel	5666	1.69
10	170-Manufacture of paper and paper products	5445	1.62
11	110-Manufacture of beverages	5138	1.53
12	310-Manufacture of furniture	3281	0.98
13	191-Manufacture of coke oven products	3106	0.92
14	259-Manufacture of other fabricated metal products; metalworking service activities	2452	0.73
15	000-Misc.	1913	0.57
16	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	1812	0.54
17	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	1785	0.53
18	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	1368	0.41

Contd.

SI No	Characteristics	Total Workers & Employees	Percentage
19	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	1210	0.36
20	103-Processing and preserving of fruit and vegetables	1162	0.35
21	279-Manufacture of other electrical equipment	902	0.27
22	331-Repair of fabricated metal products, machinery and equipment	839	0.25
23	162-Manufacture of products of wood, cork, straw and plaiting materials	781	0.23
24	201-Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	693	0.21
25	161-Saw milling and planing of wood	611	0.18
26	108-Manufacture of prepared animal feeds	497	0.15
27	104-Manufacture of vegetable and animal oils and fats	469	0.14
28	242-Manufacture of basic precious and other non-ferrous metals	406	0.12
29	105-Manufacture of dairy products	370	0.11
30	221-Manufacture of rubber products	140	0.04
31	581-Publishing of books, periodicals and other publishing activities	118	0.04
32	231-Manufacture of glass and glass products	78	0.02
33	192-Manufacture of refined petroleum products	44	0.01
34	139-Manufacture of other textiles	42	0.01
35	131-Spinning, weaving and finishing of textiles	24	0.01
36	352-Manufacture of gas; distribution of gaseous fuels through mains	15	0.00
37	203-Manufacture of man-made fibres	1	0.00

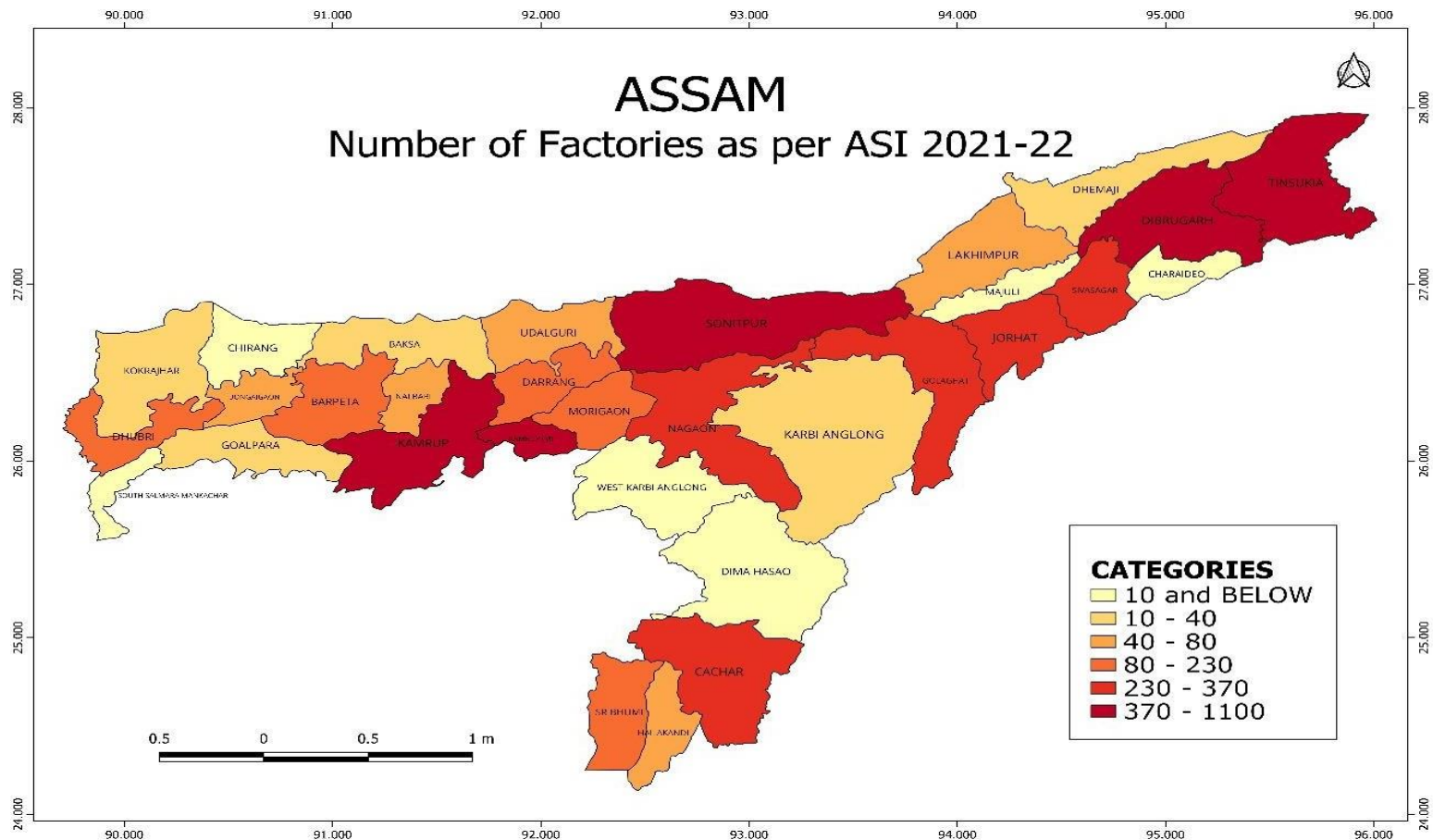
Table 7.9
Total Wages and Salaries (In Lakhs Rs.)

Sl no	Characteristics	Total Wages & Salaries	Percentage
1	All	318403	100
2	107-Manufacture of other food products	87272	27.41
3	239-Manufacture of non-metallic mineral products n.e.c.	59518	18.69
4	222-Manufacture of plastics products	53000	16.65
5	181-Printing and service activities related to printing	35892	11.27
6	202-Manufacture of other chemical products	17777	5.58
7	452-Maintenance and repair of motor vehicles	10576	3.32
8	110-Manufacture of beverages	7696	2.42
9	106-Manufacture of grain mill products, starches and starch products	7588	2.38
10	241-Manufacture of basic iron and steel	6684	2.10
11	170-Manufacture of paper and paper products	5452	1.71
12	271-Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	4549	1.43
13	201-Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms	2994	0.94
14	251-Manufacture of structural metal products, tanks, reservoirs and steam generators	2722	0.85
15	000-Misc.	2159	0.68
16	310-Manufacture of furniture	2062	0.65
17	210-Manufacture of pharmaceuticals, medicinal chemical and botanical products	1949	0.61

SI No	Characteristics	Total Wages & Salaries	Percentage
18	191-Manufacture of coke oven products	1940	0.61
19	259-Manufacture of other fabricated metal products; metalworking service activities	1889	0.59
20	331-Repair of fabricated metal products, machinery and equipment	1261	0.40
21	103-Processing and preserving of fruit and vegetables	1080	0.34
22	108-Manufacture of prepared animal feeds	874	0.27
23	279-Manufacture of other electrical equipment	870	0.27
24	161-Saw milling and planing of wood	632	0.20
25	104-Manufacture of vegetable and animal oils and fats	393	0.12
26	242-Manufacture of basic precious and other non-ferrous metals	360	0.11
27	105-Manufacture of dairy products	304	0.10
28	581-Publishing of books, periodicals and other publishing activities	241	0.08
29	454-Sale, maintenance and repair of motorcycles and related parts and Accessories	210	0.07
30	162-Manufacture of products of wood, cork, straw and plaiting materials	160	0.05
31	231-Manufacture of glass and glass products	129	0.04
32	139-Manufacture of other textiles	59	0.02
33	131-Spinning, weaving and finishing of textiles	32	0.01
34	221-Manufacture of rubber products	31	0.01
35	192-Manufacture of refined petroleum products	29	0.01
36	352-Manufacture of gas; distribution of gaseous fuels through mains	19	0.01
37	203-Manufacture of man-made fibres	0	0.00

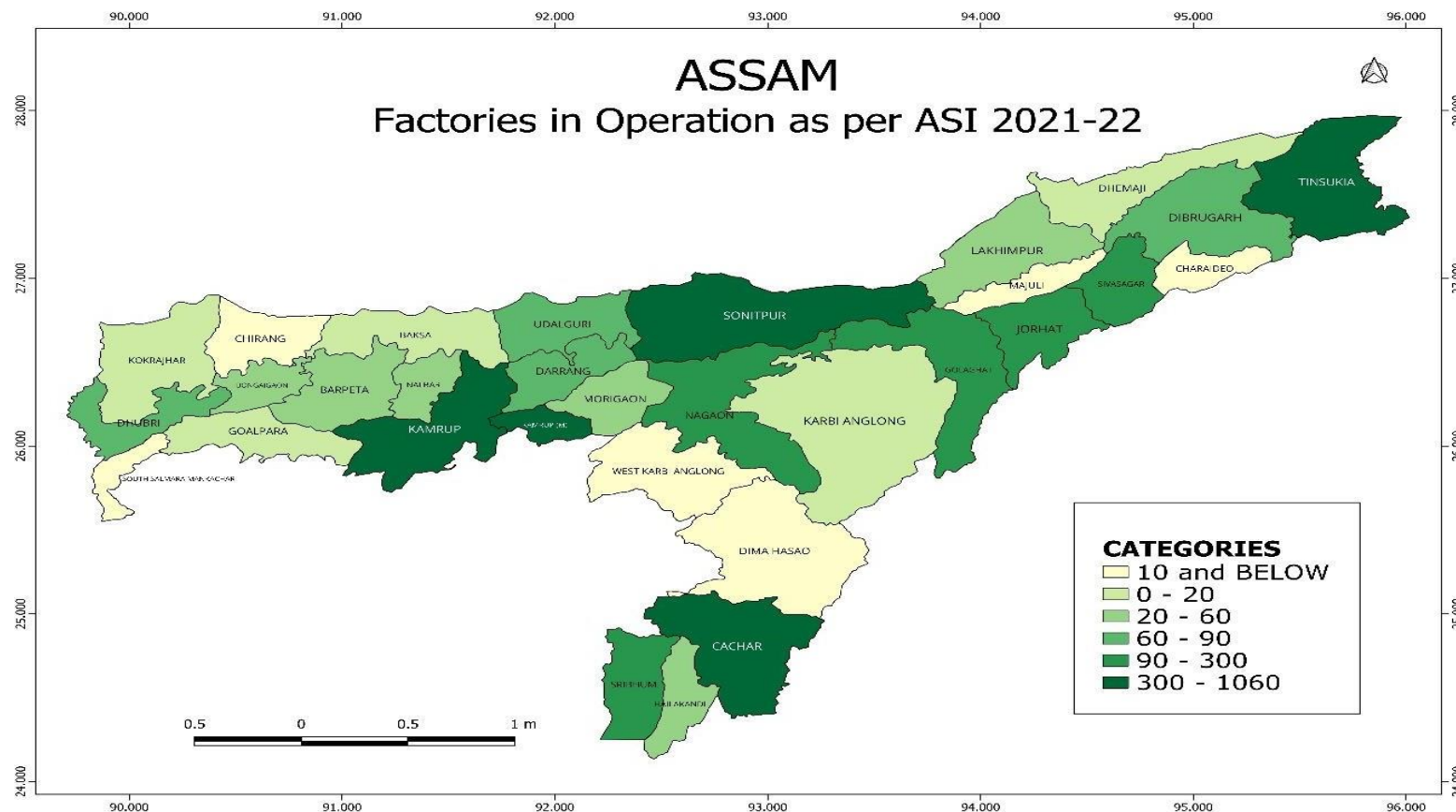
CHAPTER 8: MAPS AND CHARTS

MAP 1 : (Number of Factories)



NO OF FACTORIES AS PER ASI FRAME 2021-22

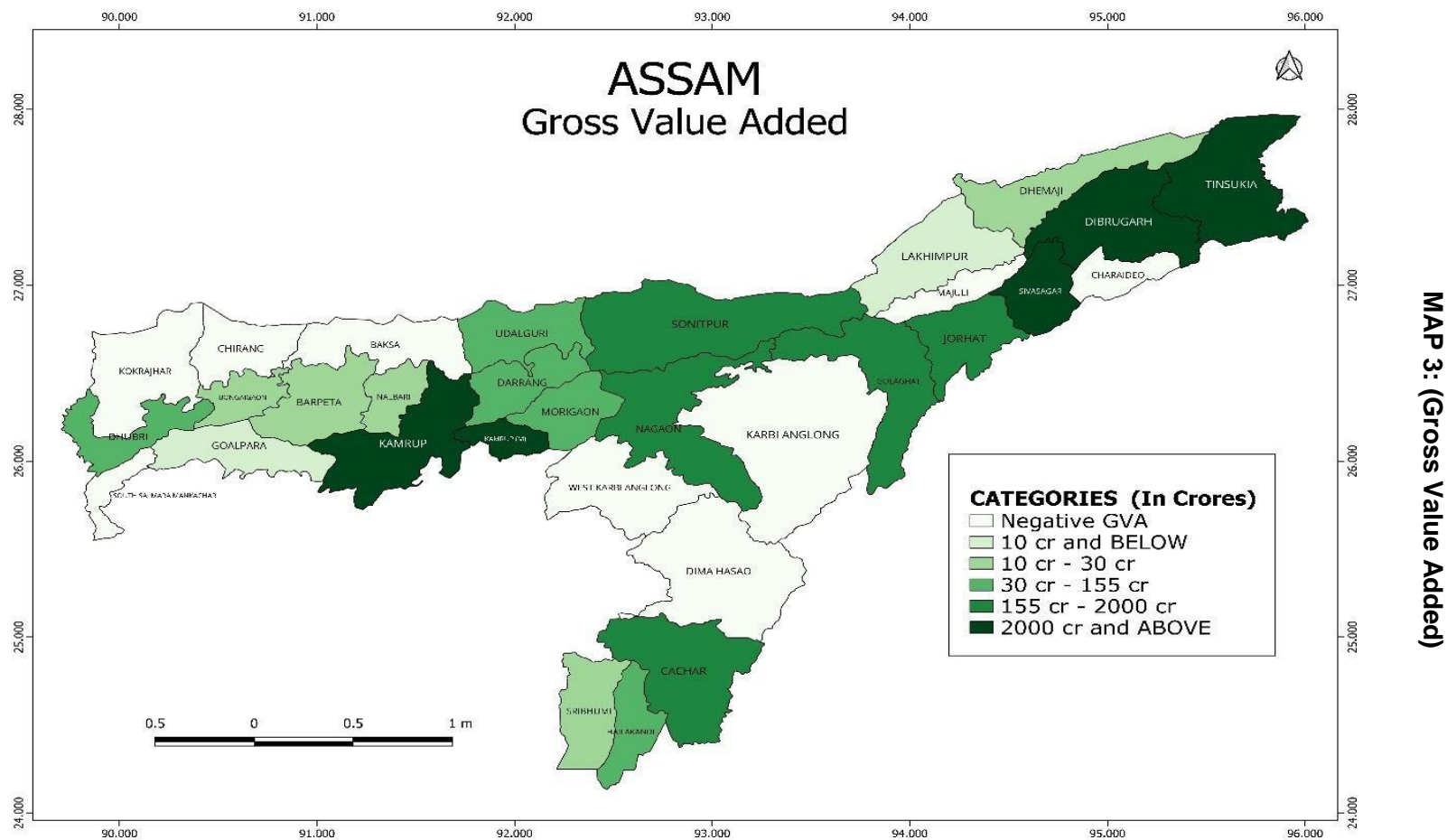
The map shows the distribution of factories in Assam as per ASI 2021–22 frame. Kamrup, Kamrup (M), Sonitpur, and Tinsukia and Dibrugarh lead with the highest number of factories (370–1100), indicating strong industrial presence. Districts like Jorhat, Golaghat, and Nagaon follow with 230–370 factories. In contrast, areas such as Baksa, Karbi Anglong, and Kokrajhar have fewer than 40 factories, highlighting regional disparities in industrial development.



MAP 2: (Factories in Operation)

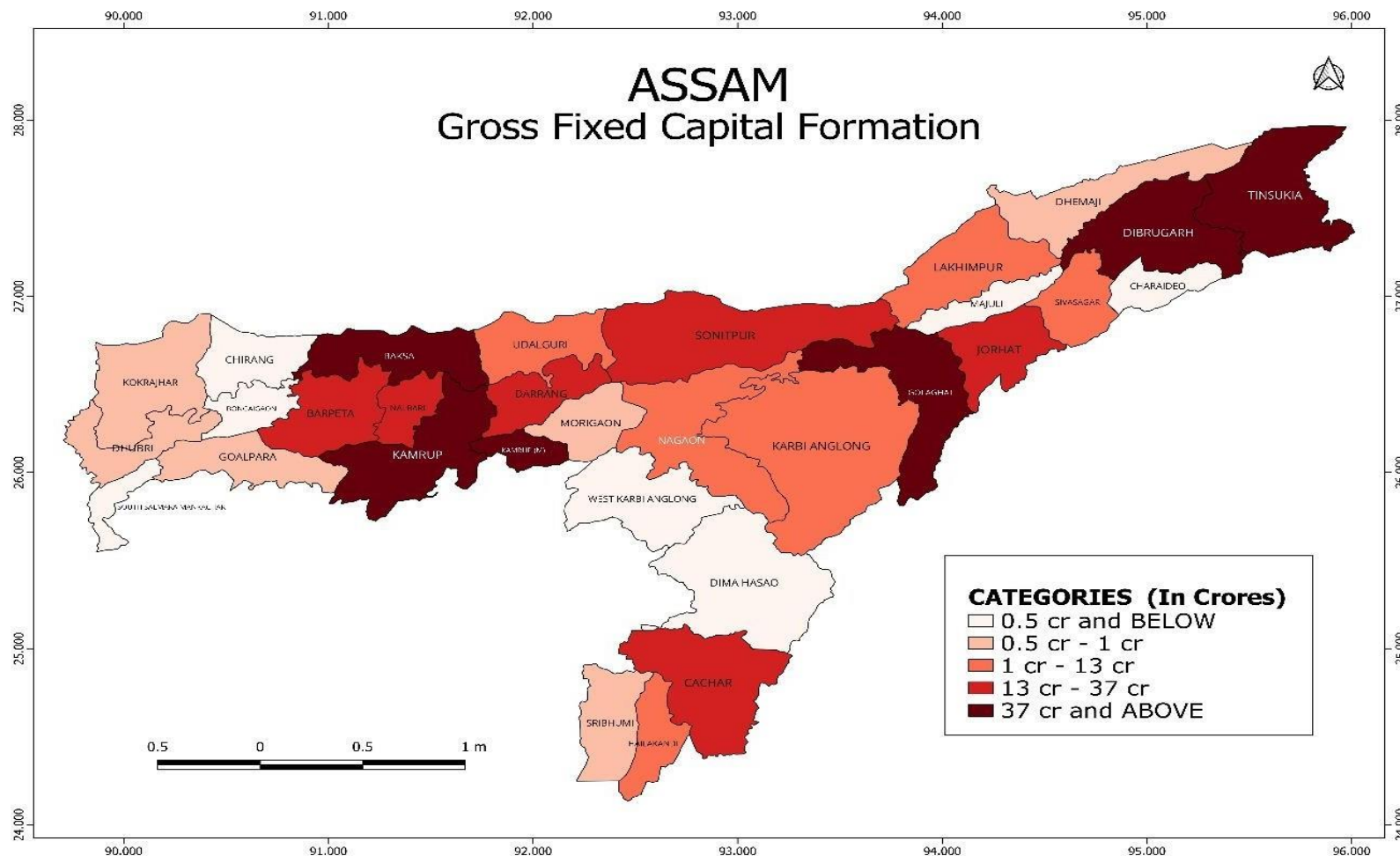
FACTORIES IN OPERATION

The map of Assam displays the distribution of factories in operation across its districts as per the Annual Survey of Industries (ASI) 2021–22. Kamrup emerges as the industrial hub with the highest number of operational factories, categorized in the "Above 1000" range. Other prominent industrial districts include Kamrup(M), Tinsukia, Sonitpur, Cachar, and Nagaon, all falling in the "300-1060" indicating a strong manufacturing presence. Districts such as Jorhat, Golaghat, Karbi Anglong, and Dibrugarh also show a moderately high number of factories, ranging between 60-90. On the other hand, a significant portion of Assam, including Kokrajhar, Karbi Anglong and Dhemaji, fall under the "20 and below" category, indicating minimal industrial activity. Overall, the distribution reflects a concentration of factories in a few key districts while many others remain industrially underdeveloped



GROSS VALUE ADDED

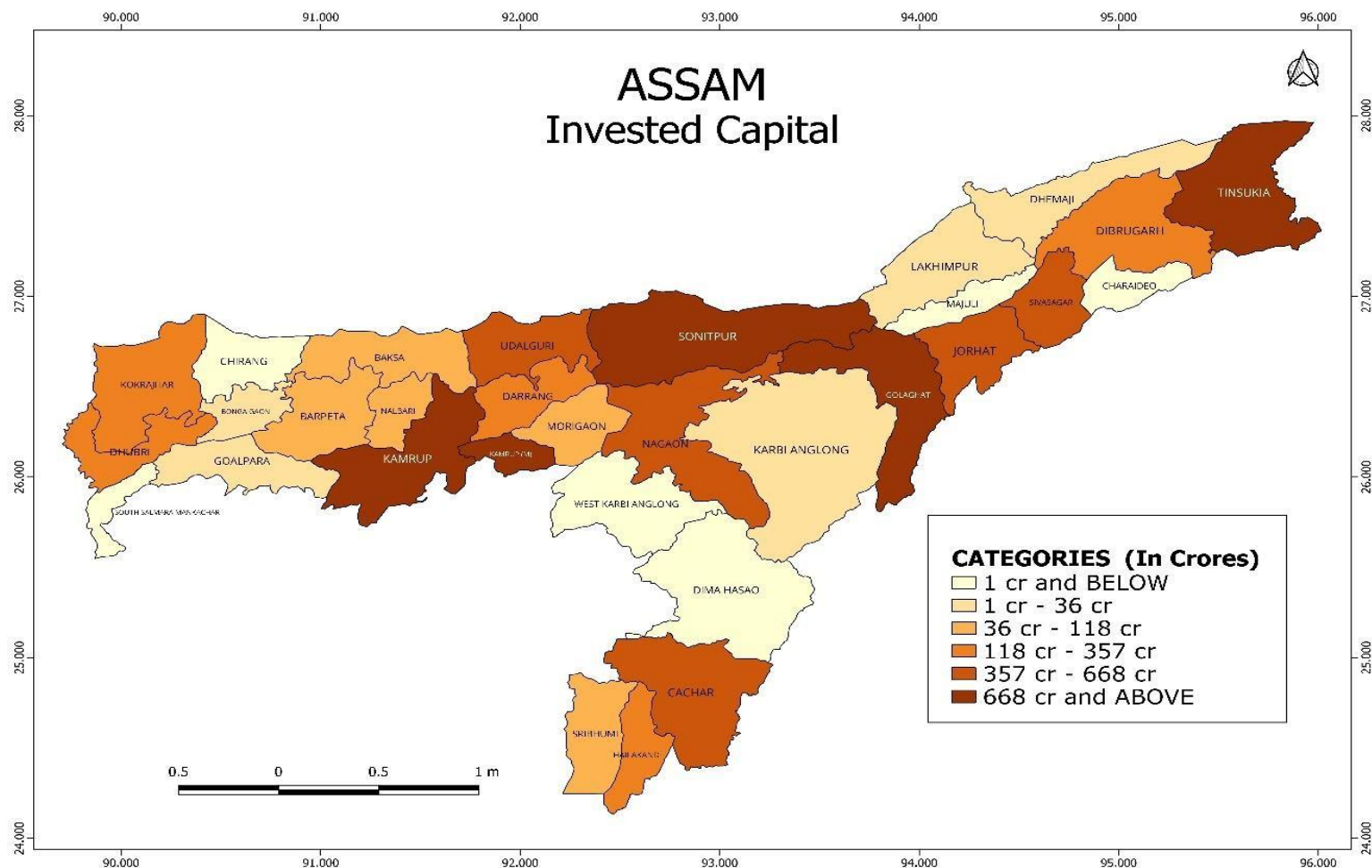
The map of Assam illustrates the Gross Value Added (GVA) across its districts, categorized by different income brackets in crores. Dibrugarh district stands out as the highest contributor with regard to Gross Value added. Districts like Kamrup, Kamrup(M), Tinsukia, and Sivasagar and Sonitpur fall into the "2000 crores" category, indicating significant economic activity. Several districts, such as Jorhat and Golaghat, show moderate GVA ranging between 30 crores to 155 crores, while many others, including Dhemaji, Barpeta and Lakhimpur, contribute between 10 crores to 30 crores. A number of districts, especially in central and southern Assam like Karbi Anglong, Kokrajhar, and Baksa, fall in the lower brackets, with GVA below 2 crores or Negative GVA, indicating relatively weaker economic output. Overall, the map highlights stark regional disparities in economic productivity within the state.



MAP 4 (Gross Fixed Capital Formation)

GROSS FIXED CAPITAL FORMATION

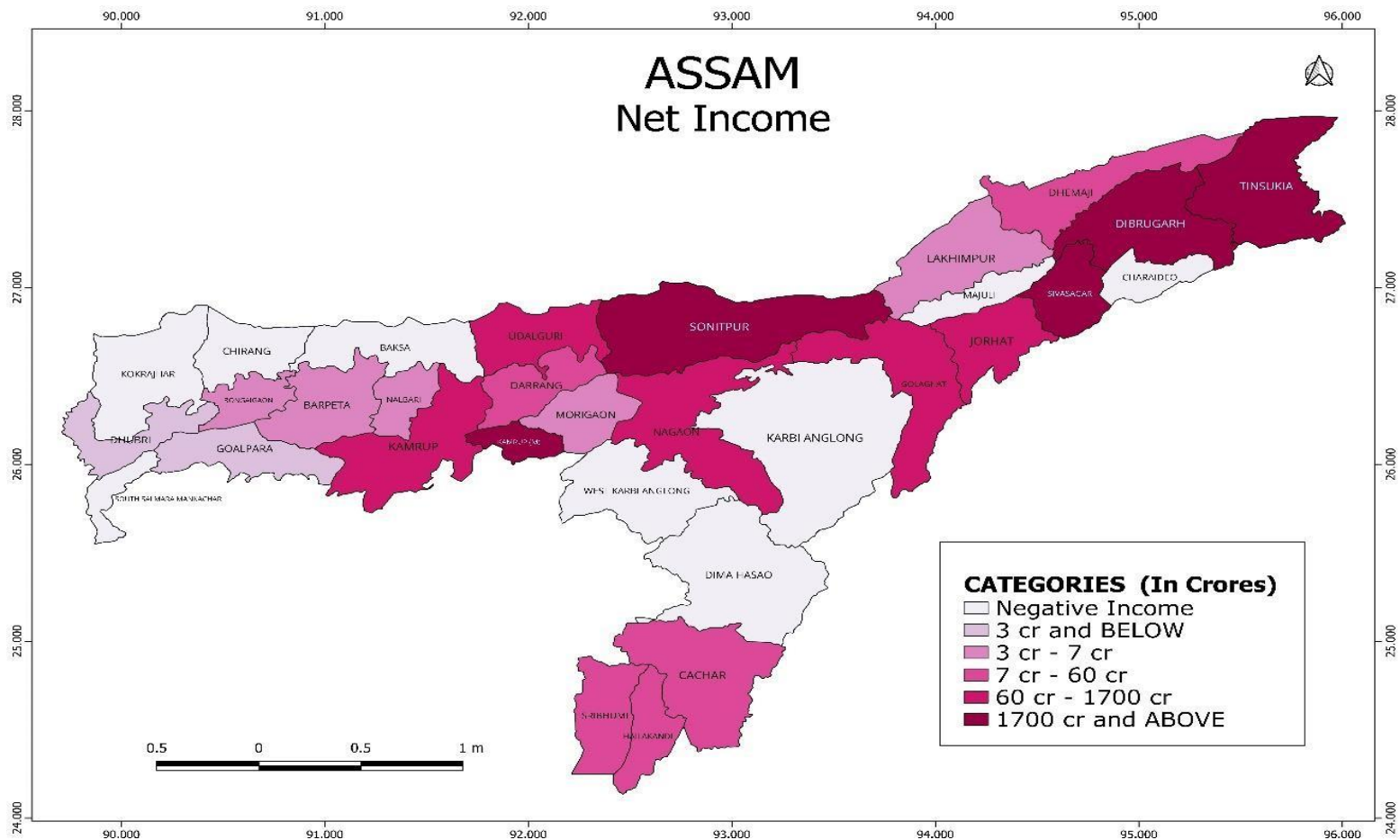
The map shows Gross Fixed Capital Formation (GFCF) across Assam's districts. Kamrup, Kamrup(M), Dibrugarh, Tinsukia, Golaghat, lead with the highest investment, falling in the "37 Crore and Above" category. Districts like Sonitpur, Jorhat, and Cachar show moderate investment between 13 to 37 Crore. Many others, especially in western and southern Assam like Dhubri, Karbi Anglong, and Karimganj, fall in the "2 crores and below" category, reflecting low capital formation and infrastructure development.



MAP 5: (Invested Capital)

INVESTED CAPITAL

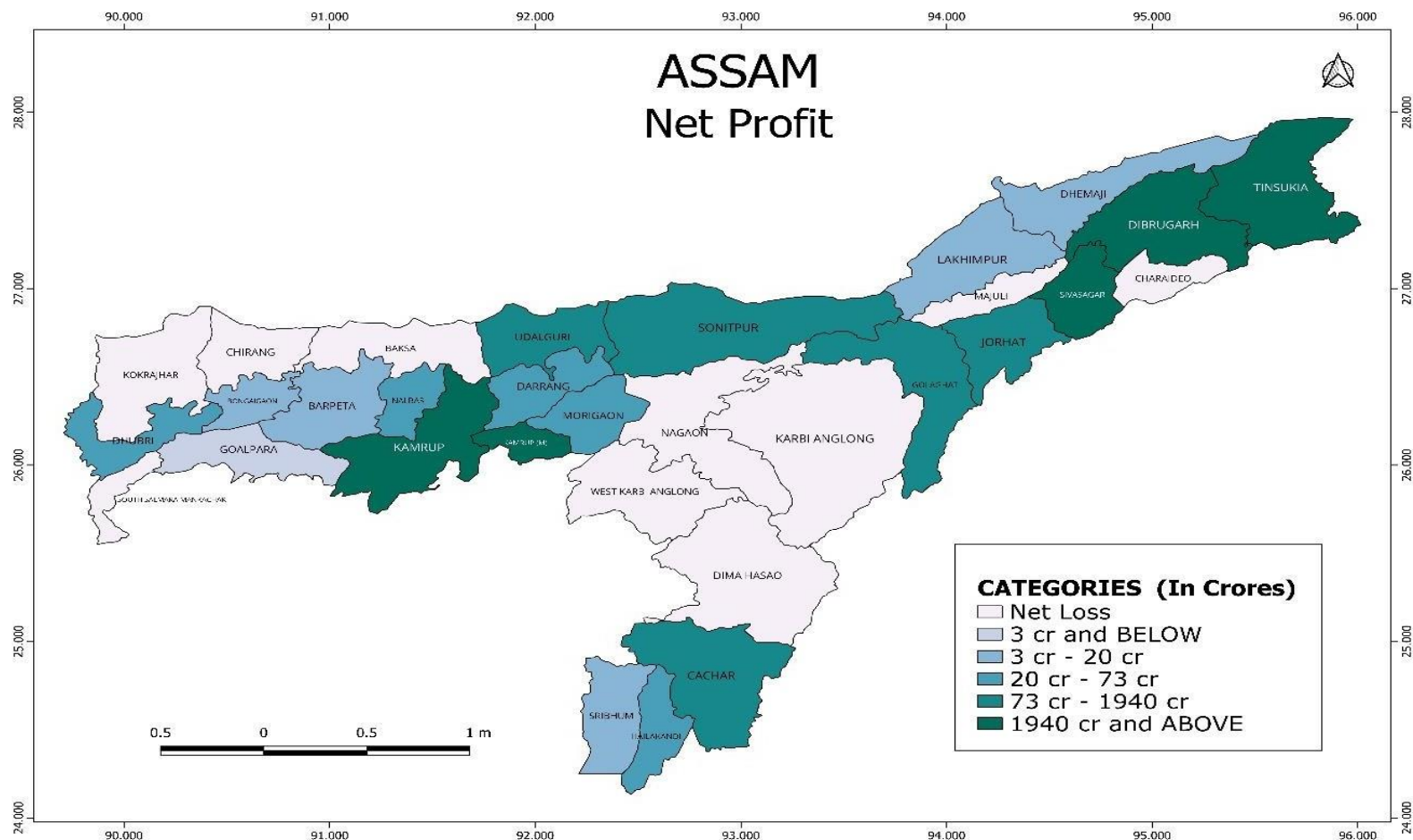
The map depicts Invested capital (in crores) across Assam's districts. Kamrup, Kamrup (M), Tinsukia, Golaghat, and Jorhat have the highest investment, falling in the “668 crore and above” category. Dibrugarh, Dhubri, and Hailakandi also show significant investment between 118-357 crores. In contrast, districts like Dima Hasao, and Majuli report low investment, under 1 crore, highlighting uneven capital distribution across the state.



MAP 6: (Net Income)

NET INCOME

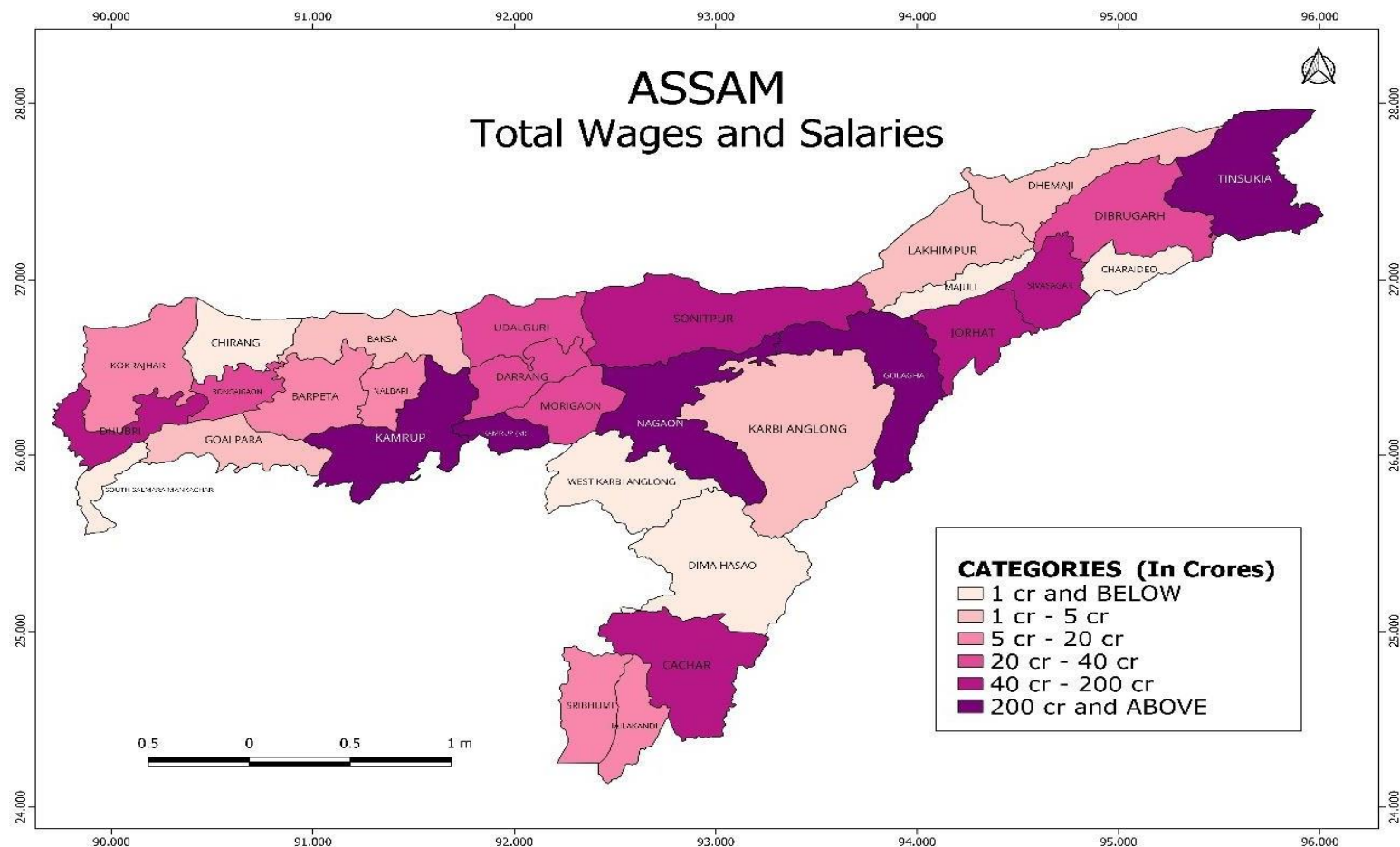
The map shows net income distribution across Assam's districts. Dibrugarh stands out with the highest net income, falling in the "1700 crore and above" category. Districts like Sonitpur, Dibrugarh, Jorhat, Cachar, and Tinsukia, Kamrup(M) have moderate to high net incomes between 60 to 1700 crores. In contrast, many districts such as Karbi Anglong, Dima Hasao, and Dhubri fall in the "15 lakhs and below" category, indicating very low income levels. This highlights a significant disparity in income distribution across the state.



MAP 7: (Net Profit)

NET PROFIT

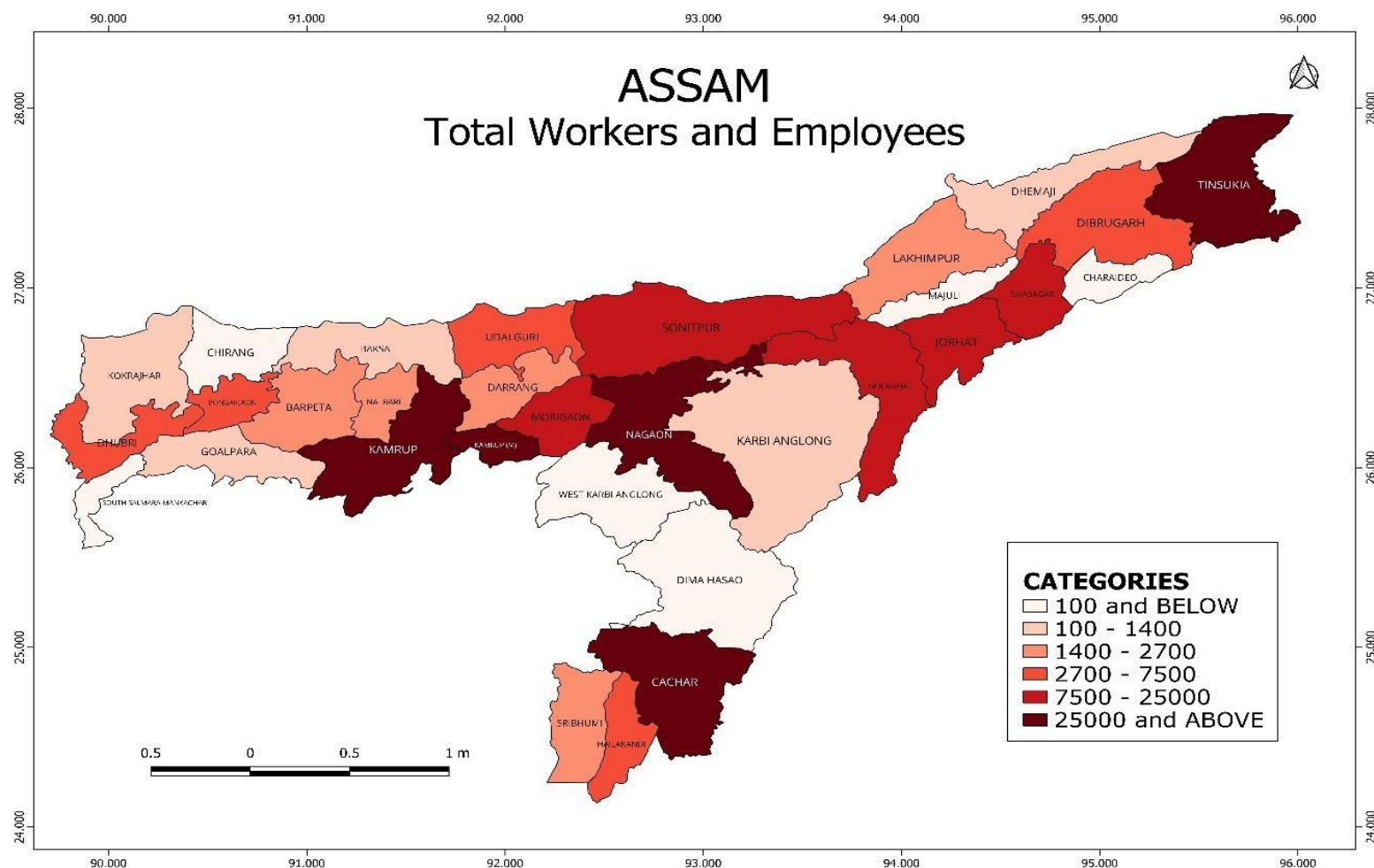
The map shows net income distribution across Assam's districts. Dibrugarh stands out with the highest net income, falling in the "1940 crore and above" category. Districts like Sonitpur, Dibrugarh, Kamrup(M), Sivasagar and Tinsukia have moderate to high net incomes between 73 to 1940 crores. In contrast, many districts such as Morigaon, Lakhimpur, Barpeta fall in the "3 crore and below" category, indicating very low income levels. This highlights a significant disparity in income distribution across the state.



MAP 8: (Total Wages and Salaries)

TOTAL WAGES AND SALARIES

The map highlights total wages and salaries across Assam's districts. Kamrup, Tinsukia, Kamrup(M), and Nagaon lead in the "200 crore and above" category, reflecting high employment and industrial activity. Districts like Sonitpur, Jorhat, Sivasagar and Golaghat also show significant wage payouts between 40 to 200 crores. In contrast, many areas such as Goalpara and Dhemaji fall under "1 crore and below", indicating limited industrial workforce and low wage levels. This suggests a strong regional imbalance in employment-related earnings.



MAP 9: (Total Workers and Employees)

TOTAL WORKERS AND EMPLOYEES

The map shows the distribution of total workers and employees in Assam. Kamrup, Kamrup(M), Tinsukia, Cachar, and Nagaon stand out with over 25,000 workers, indicating high industrial and employment activity. Other districts like Sonitpur, Sivasagar, Morigaon, and Jorhat have substantial workforces ranging from 7,500 to 25,000. In contrast, hill and western districts such as Dima Hasao, Karbi Anglong, and Dhemaji show very low or no worker presence, highlighting sharp regional disparities in employment levels.

Top five Major Industries based on "GROSS VALUE ADDED"

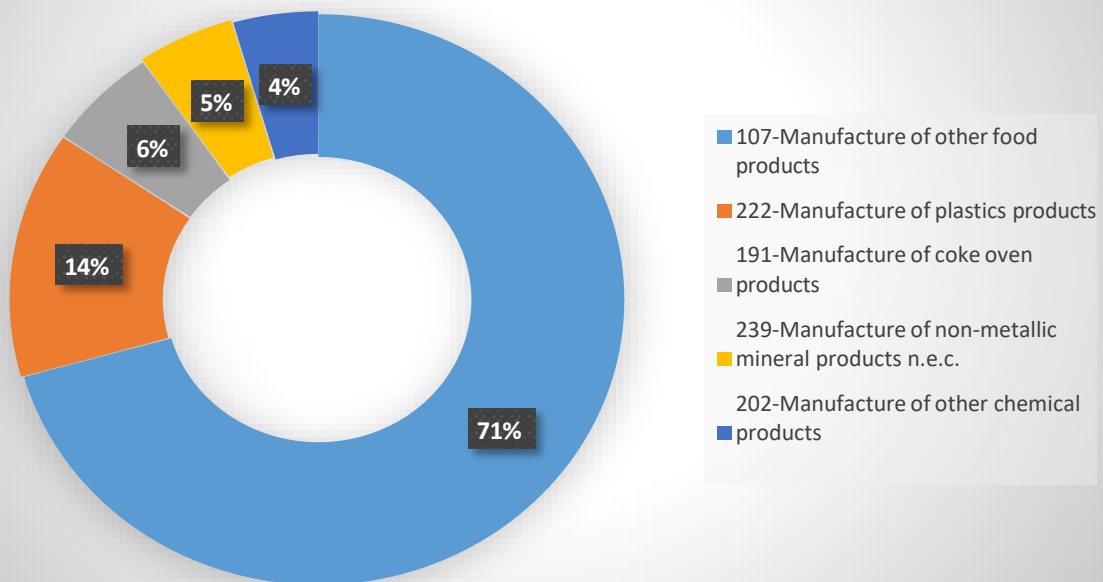


Chart 1: Top five GVA

- The chart illustrates the top five major industries based on "Gross Value Added," highlighting a significant dominance by the manufacture of other food products (107), which accounts for a striking 71% of the total gross value added among these industries.
- This suggests that the food processing sector is a major contributor to the economy compared to the others listed. The manufacture of plastics products (222) follows distantly at 14%, indicating its role as a secondary yet important industry.
- The remaining sectors—manufacture of coke oven products (191), manufacture of non-metallic mineral products n.e.c. (239), and manufacture of other chemical products (202)—contribute 6%, 5%, and 4% respectively.
- The stark disparity between the leading industry and the others underscores a heavy reliance on food manufacturing for economic value addition, while the other sectors, although significant, play a much smaller role in comparison.

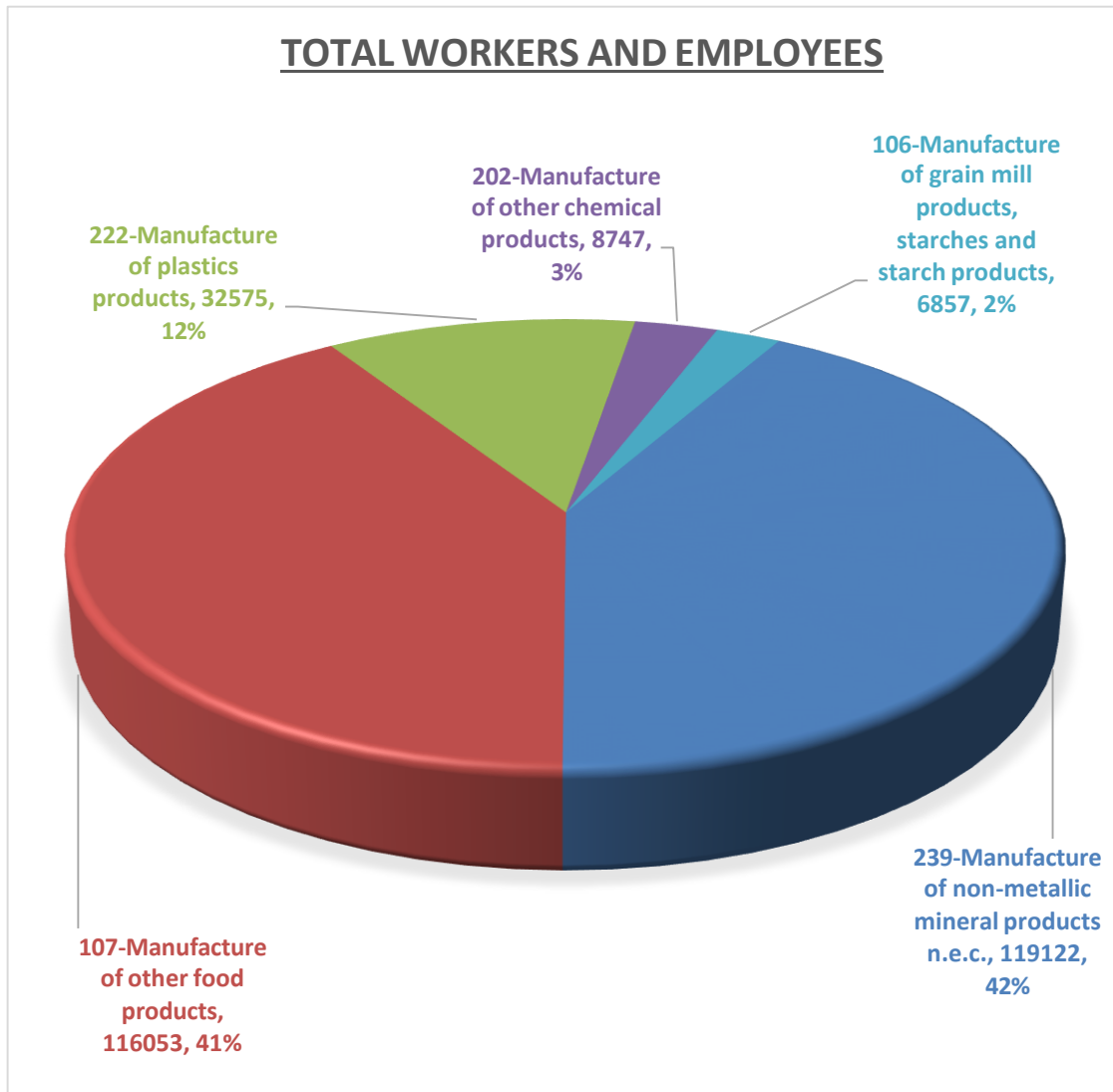


Chart 2: Total Workers and Employees

- The pie chart presents the distribution of total workers and employees across five major manufacturing industries. **Manufacture of non-metallic mineral products (239)** employs the largest share, accounting for 42% (119,122 workers), closely followed by the **manufacture of other food products (107)** at 41% (116,053 workers).
- This near parity indicates that both sectors are significant employers, collectively absorbing over four-fifths of the workforce among these industries. The **manufacture of plastics products (222)** contributes a smaller but notable 12% (32,575 workers). In contrast, manufacture of **other chemical products (202)** and **manufacture of grain mill products, starches and starch products (106)** employ only 3% (8,747 workers) and 2% (6,857 workers) respectively, highlighting their relatively limited role as employers.

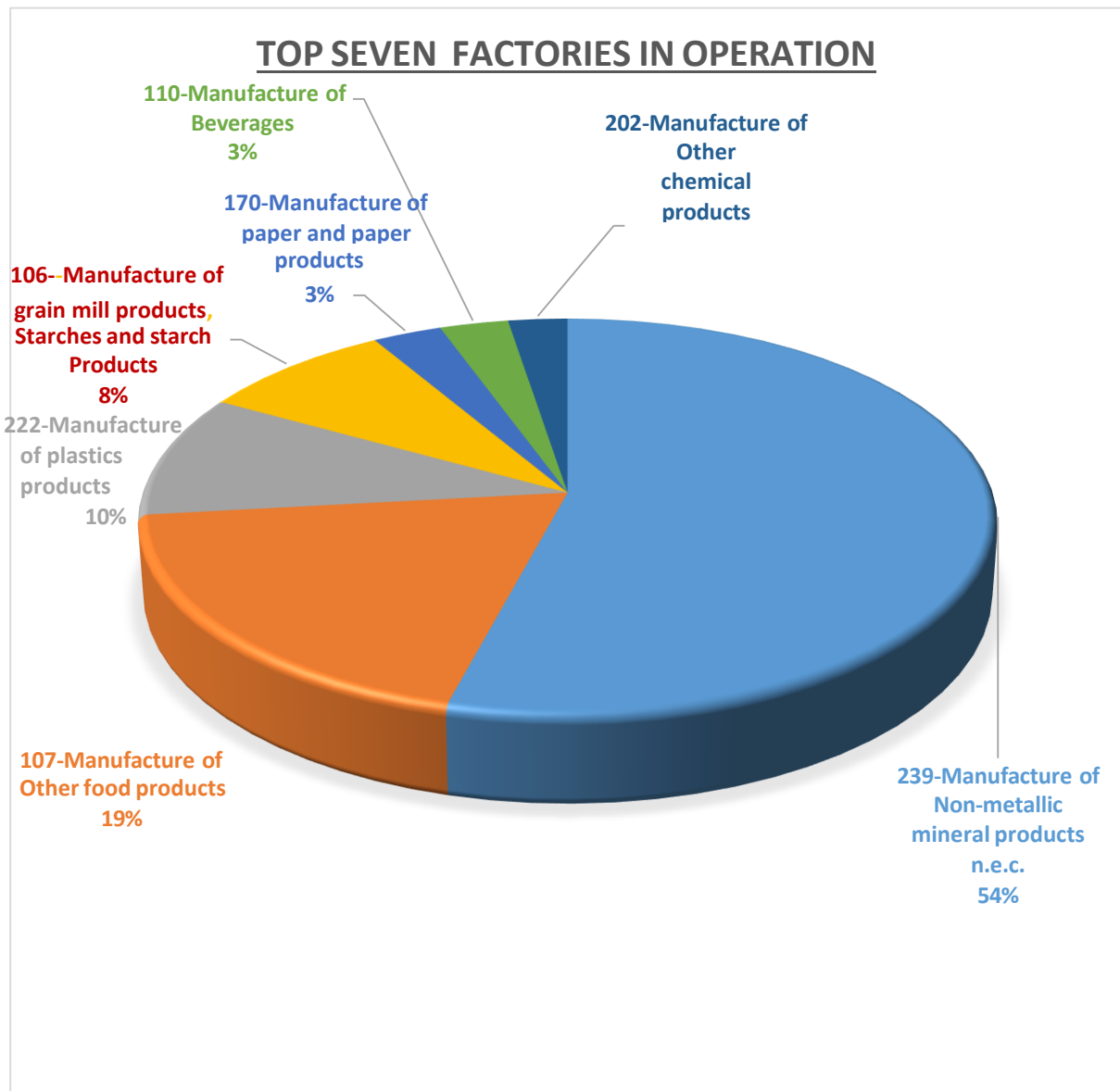


Chart 3: Top Seven Factories in Operation

The pie chart shows that the **manufacture of non-metallic mineral products (239)** dominates, accounting for **54%** of factories in operation. The **manufacture of other food products (107)** is next with **19%**, followed by **plastics products (222)** at **10%** and **grain mill products (106)** at **8%**. The remaining industries—**beverages (110)**, **paper products (170)**, and **other chemical products (202)**—each make up just **3%**. This highlights a strong concentration of factories in the non-metallic mineral products sector.

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 (<i>Census-1, Sample-2</i>)											
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 (<i>Rural-1, Urban-2</i>)											
10. RO /SRO code											
11. No. of Units											
12. Status of Unit (<i>Code</i>)											

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 (<i>code</i>)											
3. Corporate Identification Number (CIN)											
4. Whether the unit has ISO Certification, 14000 Series (<i>yes-1, no-2</i>)											
5. Year of initial production											
6. Accounting year (..... to.....)											
7. Number of months of operation											
8. Whether the share capital of the company includes share of foreign entities (<i>yes-1, no-2</i>)											
9. Any R&D unit in your factory? (<i>yes & registered with DST/DBT-1, yes & registered with others-2, no-3</i>)											
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 (<i>yes-1, no-2</i>)											

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

[illegible]

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	Wage s/ 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]						

Block F : OTHER EXPENSES			
	Sl. No.	Items	Expenditure (in Rs.)
	(1)	(2)	(3)
O T H E R I N P U T	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)
O T H E R O U T P U T	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 <i>minus</i> 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 <i>minus</i> 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):						

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 Manufactured	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 Service 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):

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?	

FOR OFFICIAL USE ONLY

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 Scrutinizing Officer		8.	Date of dispatch	
Block N: Comments of Superintending Officer/Scrutinizing Officer					
<p><i>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.</i></p> <p>Please refer to detailed instructions also for further guidance.</p>					

Annual Survey of Industries 2021-2022**Part A**

Report of scrutiny on Part-I of the return

State (code) _____ Distt. (code) _____
Ind. code (5-digit NIC 2008) as per return _____DSL No./PSL No. _____
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	Scrutinizing 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 the 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