



सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA



आंकड़े प्रगति के लिए
DATA FOR DEVELOPMENT

तथ्य पत्रक Fact Sheet

उद्योगों का वार्षिक सर्वेक्षण ANNUAL SURVEY OF INDUSTRIES

ASI 2024-25



सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय

MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION

राष्ट्रीय सांख्यिकी कार्यालय

NATIONAL STATISTICS OFFICE



सत्यमेव जयते

Government of India
Ministry of Statistics & Programme Implementation
National Statistics Office



KEY FEATURES OF ASI 2024-25

Annual Survey of Industries

(April 2024 – March 2025)

Surveyed Establishments: 86,547

Census: **66,453**

Sample: **20,094**

Growth of Key Parameters in 2024-25 over 2023-24



INPUT

7.47%



OUTPUT

7.81%



GVA

9.59%



FIXED CAPITAL

10.54%



ESTABLISHMENTS

2.67 lakh

Estimated in ASI 2024-25

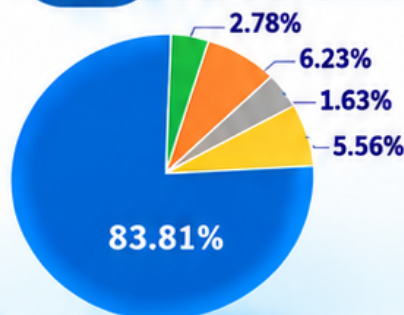


Growth Rate:

2.64%



PERCENTAGE SHARE OF GVA
(By Organization Type)



- Proprietorship
- Partnership
- LLP, Co-operative, Others
- Government Company – Public & Private
- Non-Government Company – Public & Private



WORKERS

166.54 lakh

Growth Rate:

7.31%



TOTAL PERSONS ENGAGED

209.97 lakh

Growth Rate:

7.19%



Reliable Data



Evidence for Policy



Supporting Industry



A Stronger India

INTRODUCTION OF ASI

Annual Survey of Industries is conducted with the primary objective to provide a meaningful insight into the dynamics of change in the composition, growth and structure of various manufacturing industries in terms of output, value added, employment, capital formation and a host of other parameters. It provides valuable input to the National Accounts Statistics at national and state level and also for various policy formulation.

Annual Survey Industries (ASI) for the reference period April 2024 to March 2025 (i.e., financial year 2024-25) has been referred to as ASI 2024-25 in this fact note. The field work for this survey was carried out during October 2025 to June 2026. ASI 2024-25 was conducted under the Collection of Statistics Rules, 2024 which was framed under the statutory provisions of the Collection of Statistics (COS) Act, 2008 (as amended in 2017).

A detailed write up on various concepts & definitions used in ASI 2024-25 and operational issues are given in Annexure-I at the end of this factsheet. The State/UT and major industry level results for ASI 2024-25 are also released along with this factsheet and those are available in Annexure-II.

COVERAGE OF ASI



All factories registered under Sections 2m(i) and 2m(ii) of the Factories Act, 1948(with State specific Ammendments)



Bidi and cigar manufacturing establishments registered under the Bidi & Cigar Workers (Conditions of Employment) Act, 1966.



Electricity units not registered with CEA



100 or more employees, not registered under Sections 2m (i) and 2m (ii) of the Factories Act, 1948 but registered under any of the specified Acts / Board / Authority



SAMPLING STRATEGY

According to the sampling design followed in ASI 2024-25, all the units in the updated frame were divided into two parts – Central Sample and State Sample. The Central Sample consisted of two schemes: Census and Sample. Under Census scheme, all the units were surveyed. Census Scheme consisted of the following:

(i) All industrial units belonging to the ten less industrially developed States/ UTs viz. Andaman & Nicobar Islands, Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, Ladakh and Lakshadweep.

(ii) All industrial units with Frame NIC = 0893 (Salt Extraction).

(iii) For the States/ UTs other than those mentioned in (i) and (ii),

(a) units having 75 or more employees from six States/UTs, namely, Jammu & Kashmir, Himachal Pradesh, Rajasthan, Bihar, Chhattisgarh and Kerala;

(b) units having 50 or more employees from three States/UTs, namely, Chandigarh, Delhi and Puducherry;

(c) units having 100 or more employees for rest of the States/UTs, not mentioned in (a) and (b) above and;

(iv) All factories covered under 'Joint Return' (JR), where JR was allowed when the two or more units located in the same State/UT, same sector and belong to the same industry (3-digit level of NIC-2008) under the same management.

(v) After excluding the Census Scheme units in the above manner, all units belonging to the strata (**State x District x Sector x 3-digit NIC-2008**) having less than or equal to 4 units were also considered under Census Scheme. It may be noted that strata were separately formed under three sectors considered as **Bidi, Manufacturing and Electricity**.

(vi) All the remaining units in the frame were considered under **Sample Scheme**. For all the states, **each stratum was formed on the basis of State x District x Sector x 3-digit NIC-2008**. The units were arranged in descending order of their total number of employees. Samples were drawn using Circular Systematic Sampling technique for this scheme. An even number of units with a minimum of 4 units are selected and distributed in four sub-samples. Out of these 4 sub-samples, two pre-assigned sub-samples are surveyed by NSO (FOD) and the other two sub-samples are shared to the participating State/UT for data collection.

Sectors in ASI:
Bidi and Cigar,
Manufacturing
and Electricity.

SAMPLE SIZE

Samples were drawn considering an average sampling fraction for the sample sector as 7.5% in ASI 2024-25. From the list Frame size of 2,68,778 units, central samples of size 86,547 units consisting of 66,453 Census scheme units and 20,094 Sample scheme units were selected for survey. The results of ASI 2024-25 are based on these 86,547 surveyed units.

DATA COLLECTION

In ASI an establishment-based approach for data collection is followed, with the primary unit being a factory, workshop, undertaking/licensee or an establishment depending on the industry. ASI is a statutory survey requiring designated Statistics Officers and authorized field staff to collect and verify information submitted by the units. Selected units are legally required to submit returns along with relevant financial documents within the prescribed period. Officials of the Field Operation Division of NSO scrutinize and, wherever necessary, physically verify the submitted returns in consultation with the respondents and supporting records. The returns are compiled, scrutinized and transmitted online through the ASI Web Portal for processing, tabulation and publication of results.

OVERVIEW OF ASI 2024-25 RESULTS

The estimates from ASI 2024-25 indicate a broad-based expansion in the registered manufacturing sector, with growth recorded across all major indicators. The number of factories has increased by 2.64 per cent, while factories in operation has grown by 2.61 per cent as compared to the previous year. Investment-related indicators have showed stronger growth, with fixed capital rising by 10.54 per cent and invested capital by 11.10 per cent in comparison with ASI 2023-24. During the reference period, employment also has expanded, with workers increasing by 7.31 per cent and total persons engaged by 7.19 per cent over the previous year. Wage/Salary related indicators have recorded notable gains, as wages to workers increased by 13.03 per cent and total emoluments by 12.08 per cent.

On the production side, output has grown by 7.81 per cent with increase in input by 7.47 per cent, resulting in GVA growth of 9.59 per cent. As depreciation has recorded an increase by 11.00 per cent, NVA and Net Income has grown by 9.36 per cent and 9.68 per cent, respectively. The Net profit has also increased by 7.73 per cent. As a general view, these movements of indicators suggest towards continued expansion in industrial activity, supported by higher investment, employment growth and value addition. The relatively strong growth in labour costs and capital formation, along with GVA growing faster than output, points to enhanced value creation and increased economic contribution of the manufacturing sector.

ESTIMATES OF KEY PARAMETERS OVER YEARS

The estimated value of some key parameters has been given in the Table-1 for ASI 2023-24 and ASI 2024-25 in current prices. The growth of the parameters in the reference year in comparison with the previous year have also been presented. Figure-1 illustrates five years trend in GVA at All-India level and Figure-2 presents the movement of total persons engaged in five years at All-India level. The value of some Structural Ratios & Technical Co-efficients derived based on the estimates of ASI 2023-24 and ASI 2024-25 in current prices are given in the Table-2 & Table-3, respectively. Figure-3 shows the trend in Output and Net Value Added (NVA) per person engaged (in ₹) in the ASI over the last decade at All-India level whereas Figure-4 is a line diagram illustrating the trend in Fixed Capital to Output, NVA to Output and Output to Input ratios generated from Annual Survey of Industries (ASI) over the last decade at the All-India level.

Table 1: Value of some key parameters in ASI 2023-24 and 2024-25 in current prices (Value figures in Rs. Lakh)

Year	2023-24	2024-25	GROWTH (in %) (2024-25 over 2023-24)
Factories	2,60,061	2,66,931	2.64
Factories in operation	2,12,990	2,18,543	2.61
Fixed Capital	46,24,09,035	51,11,66,407	10.54
Invested Capital	68,01,32,999	75,56,43,072	11.10
Workers (No.)	1,55,19,957	1,66,53,810	7.31
Total Persons Engaged (No.)	1,95,89,131	2,09,96,913	7.19
Total Emoluments	7,16,46,903	8,03,02,971	12.08
Input	1,28,68,83,003	1,38,29,64,338	7.47
Output	1,53,27,16,609	1,65,23,84,144	7.81
GVA	24,58,33,605	26,94,19,806	9.59
NVA	21,03,14,335	22,99,94,210	9.36
Net Income	18,73,87,599	20,55,24,799	9.68
Net Profit	10,72,85,987	11,55,83,603	7.73

Figure-1: Illustrates trend of GVA (in Rs. thousand crore) for five years from ASI 2020-21 to 2024-25: All – India

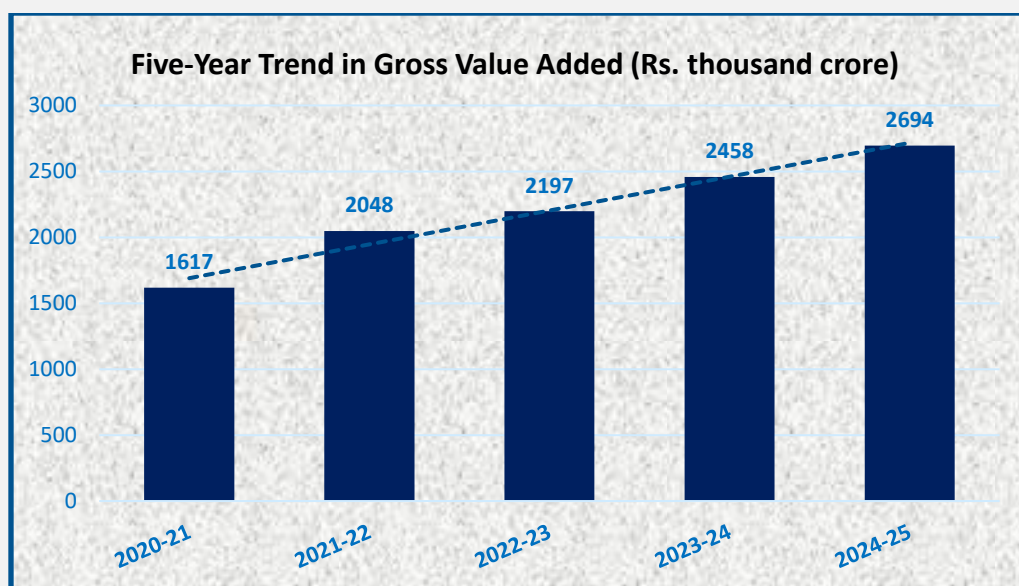


Figure-2: Showing trend of total persons engaged (in Lakh) for five years from ASI 2020-21 to 2024-25: All – India

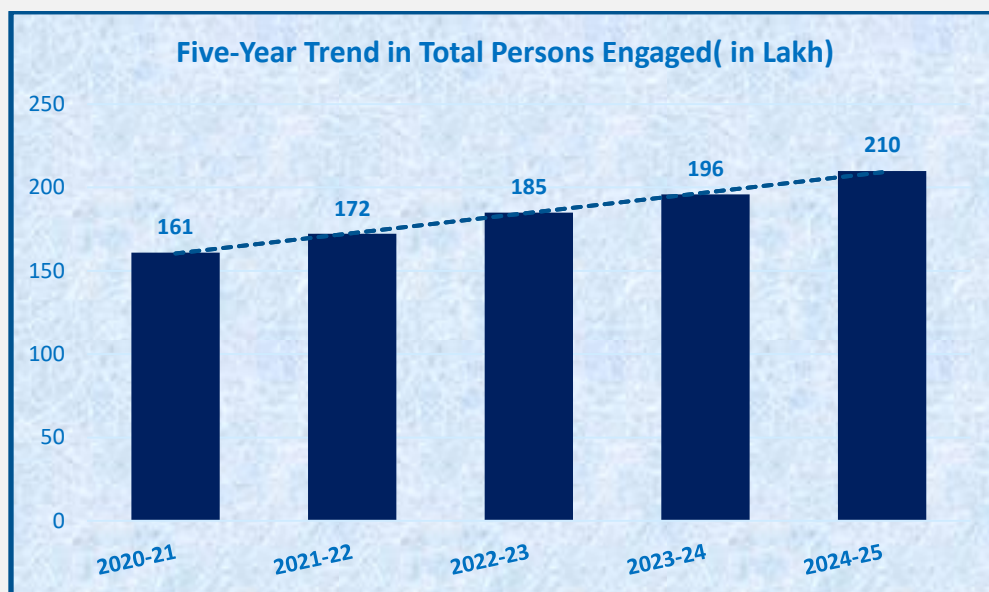


Table 2: Structural Ratios for two years: ASI 2023-24 & 2024-25

Year (ASI)	Unit	2023-24	2024-25
<u>Structural Ratios</u>			
Fixed Capital per Factory in operation	Rs Lakh	2171	2339
Gross Output per Factory in operation	Rs Lakh	7196	7561
Net Value Added per Factory in operation	Rs Lakh	987	1052
Workers per Factory in operation	Number	73	76
Total Persons Engaged per Factory in operation	Number	92	96
Fixed Capital per Persons Engaged	Rupees	2360539	2434484
Output per Worker	Rupees	9875779	9921959
Output per Persons Engaged	Rupees	7824322	7869653
Net Value Added per Worker	Rupees	1355122	1381031
Net Value Added per Persons Engaged	Rupees	1073628	1095372
Gross Value Added per Persons Engaged	Rupees	1254949	1283140
Emoluments per Persons Engaged	Rupees	365748	382451
Wages per Worker	Rupees	216487	228037

Table 3: Technical Co-efficients for two years: ASI 2023-24 & 2024-25

Year (ASI)	2023-24	2024-25
<u>Technical Co-efficients</u>		
Fixed Capital to NVA	2.20	2.22
Fixed Capital to Output	0.30	0.31
NVA to Output	0.14	0.14
GVA to Fixed Capital	0.53	0.53
Output to Input	1.19	1.19
Emoluments to NVA	0.34	0.35
Contract Workers to Total Workers	0.42	0.42

Figure-3: Illustrates trend in Output and NVA per person engaged (in Rs.) during the last decade

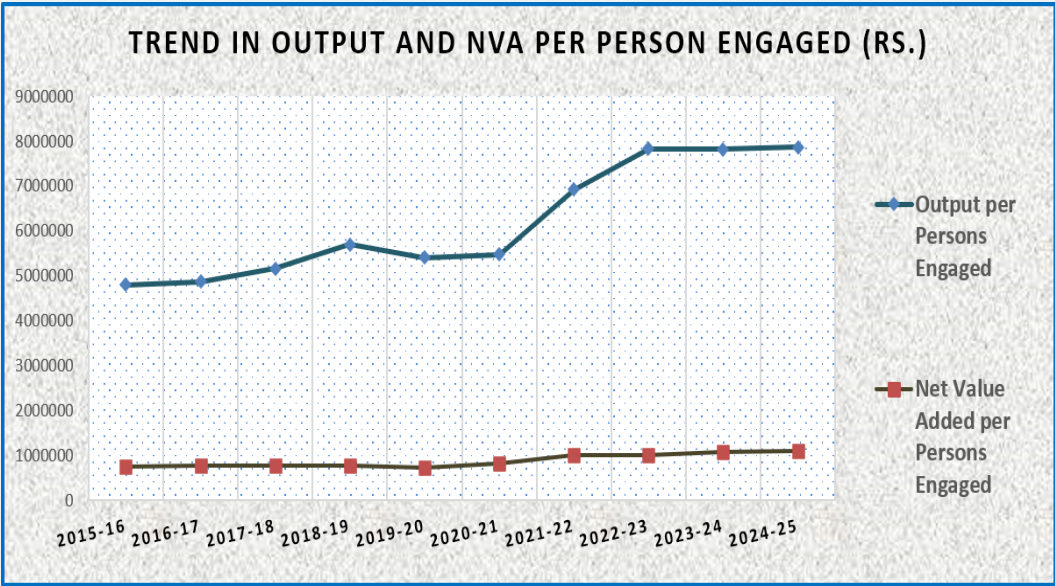
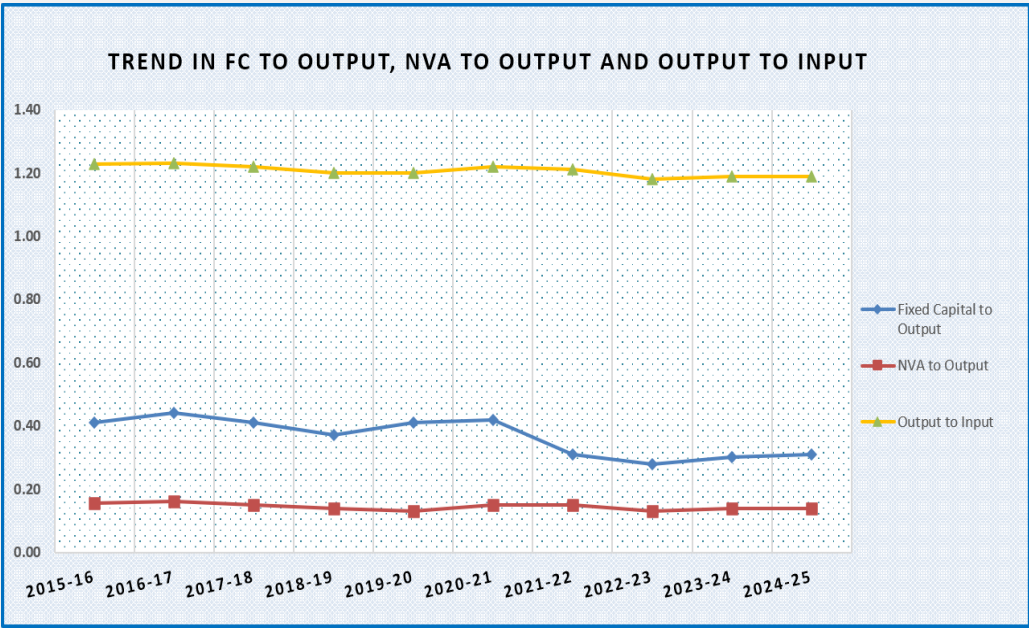


Figure-4: Illustrates trend in Fixed Capital (FC) to Output, NVA to Output and Output to Input during the last decade



PERFORMANCE OF TOP INDUSTRIES & STATES

The top five industries (2-digit level of NIC) having major share at all-India level in respect of some of the important characteristics, have been depicted in the Table 4. While Manufacture of Food Products (NIC-10) has highest number of Factories and Total Persons Engaged at all India level, maximum share in Fixed Capital, Output and GVA holds by Manufacture of Basic Metals (NIC -24). If we look at the shares of the States in respect of the same selected characteristics, the top five States and their respective contribution at all India level have been presented in Table 5. Tamil Nadu has the highest share in Total Number of Factories and Total Persons Engaged; Gujarat stands at top in respect of Fixed Capital and Output. The highest share in GVA accounted for the State of Maharashtra. Together, these States account for a significant share of India's organized manufacturing activity.

Figures 5 and 6 illustrate the percentage shares of input consumed by the top five industries and the five major States, respectively, at the All-India level. Manufacture of Food Products (NIC-10) is the top industry in terms of input consumption whereas the State of Gujarat has highest input share at all India level.

Table 4: Top five industries (2-digit level of NIC) having major percentage shares in the estimated value at all-India level in some selected Characteristics

Rank	Characteristics				
	Total no. of Factories	Fixed Capital	Total Persons Engaged	Output	Gross Value Added (GVA)
1	Food products (16.19%)	Basic Metals (17.73%)	Food Products (11.24%)	Basic Metals (13.67%)	Basic Metals (11.58%)
2	Other Non-Metallic Mineral Products (11.34%)	Coke & Refined Petroleum Products (12.73%)	Textiles (8.37%)	Food Products (13.09%)	Motor Vehicles, Trailers & Semi-Trailers (9.54%)
3	Fabricated metal products (7.23%)	Chemicals & Chemical Products (10.34%)	Basic Metals (7.54%)	Coke & Refined Petroleum Products (11.22%)	Chemicals & Chemical Products (8.45%)
4	Textiles (6.94%)	Food products (7.86%)	Motor Vehicles, Trailers & Semi-Trailers (7.05%)	Motor Vehicles, Trailers & Semi-Trailers (8.38%)	Pharmaceuticals, Medicinal Chemical and Botanical Products (8.08%)
5	Rubber and plastics products (6.19%)	Other non-metallic mineral products (6.02%)	Wearing Apparel (6.96%)	Chemicals & Chemical Products (7.83%)	Food products (7.87%)
Aggregate Total (All-Industries)*	2,66,931	51,11,66,407	2,09,96,913	1,65,23,84,144	26,94,19,806

(* Estimates of Fixed Capital, Output and GVA are in ₹ Lakh)

Figure-5: Illustrates the percentage share of total input consumed by top five Industries in ASI 2024-25

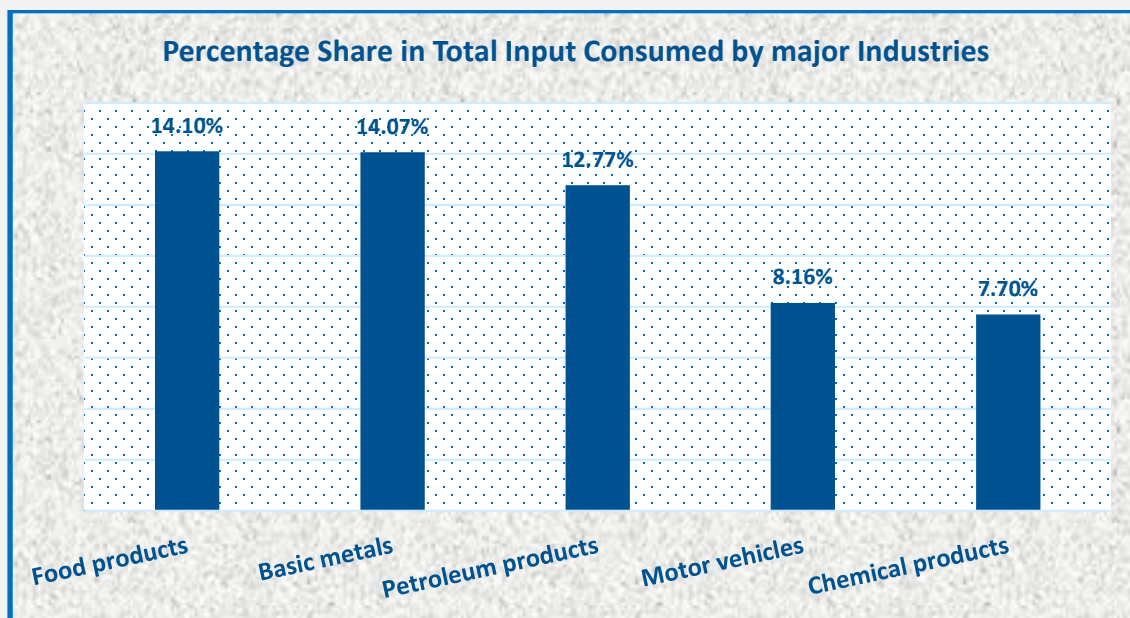
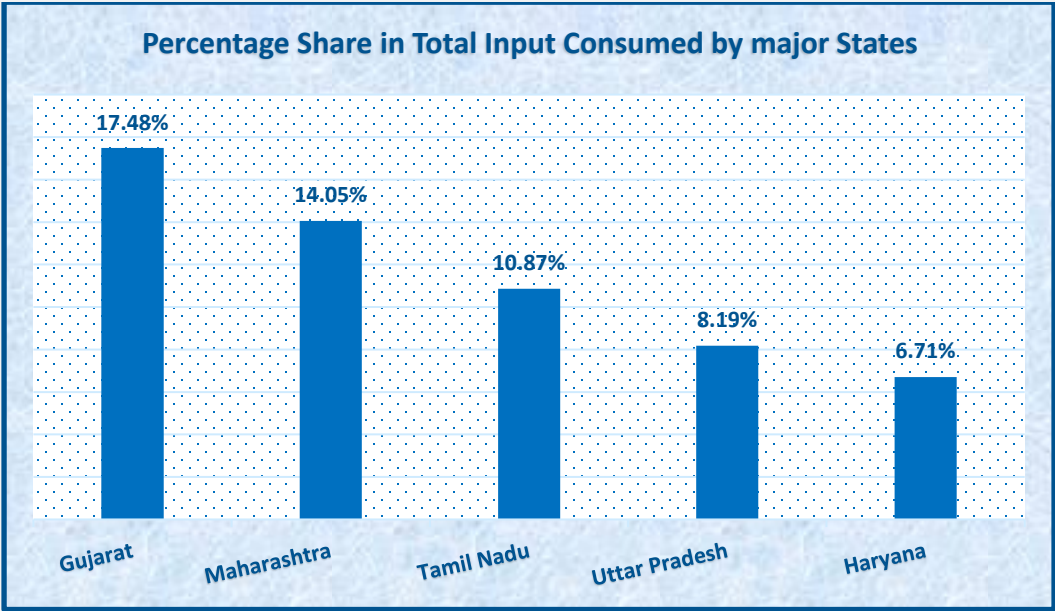


Table 5: Top five States having major percentage shares in the estimated value at all-India level in some selected Characteristics

Rank	Characteristics				
	Total no. of factories	Fixed Capital	Total Persons Engaged	Output	Gross Value Added (GVA)
1	Tamil Nadu (15.44%)	Gujarat (19.87%)	Tamil Nadu (14.99%)	Gujarat (16.93%)	Maharashtra (15.92%)
2	Gujarat (12.39%)	Maharashtra (12.26%)	Maharashtra (13.08%)	Maharashtra (14.36%)	Gujarat (14.10%)
3	Maharashtra (10.26%)	Tamil Nadu (8.53%)	Gujarat (12.99%)	Tamil Nadu (10.87%)	Tamil Nadu (10.90%)
4	Uttar Pradesh (9.35%)	Odisha (7.41%)	Uttar Pradesh (8.72%)	Uttar Pradesh (7.93%)	Karnataka (7.31%)
5	Karnataka (5.86%)	Karnataka (6.19%)	Haryana (6.44%)	Karnataka (6.64%)	Uttar Pradesh (6.64%)
<i>Aggregate Total (All India level)*</i>	2,66,931	51,11,66,407	2,09,96,913	1,65,23,84,144	26,94,19,806

(* Estimates of Fixed Capital, Output and GVA are in ₹ Lakh)

Figure-6: Illustrates the percentage share of total input consumed by top five States in ASI 2024-25



RELIABILITY OF ASI ESTIMATES

Various quality checks are carried out on the data collected in this survey which is primarily record-based. The measure of Relative Standard Errors (RSE) (which is a widely accepted statistical measure of reliability of an estimate) for some important parameters estimated from the survey at all India level are small and well within the acceptable range.

Table 6: Relative Standard Error (RSE) for three major parameters at All India level

(RSE in percentage)

Year Parameter	2022-23	2023-24	2024-25
GVA	0.62	0.50	0.63
Worker	0.47	0.53	0.62
Wages to Worker	0.46	0.53	0.44

ANNEXURES

Annexure I:

A Note on Concepts & Definitions of ASI 2024-25 and operational Issues

Annexure II:

Table 1: Annual Series for Principal Characteristics_2024_2025

Table 2 Principal Characteristics by Major Industry Group_2024_2025

Table 3 Principal Characteristics by Major States_2024_2025

Table 4 Estimate of important characteristics by State_2024_2025

Table 5 Estimate of important characteristics by 3-digit of NIC08_2024_2025

Table 6 Principal Characteristics by Rural_Urban_2024_2025

Table 7 Principal Characteristics by Type of Organisation_2024_2025



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