

Item No	Concept name	Details
1	Contact	
1.1	Contact Organisation	Enterprise Survey Division (EnSD), National Statistics Office (NSO), MOSPI.
1.2	Compiling agency	Enterprise Survey Division (EnSD), National Statistics Office (NSO), MOSPI.
1.3	Custodian agency	Enterprise Survey Division (EnSD), National Statistics Office (NSO), MOSPI.
1.4	Contact Details	(a) Enterprise Survey Division, NSO, MOSPI. (b) N.A. (Author) (c) Data Informatics and Innovation Division (DIID), NSO, MOSPI (d) N. A. (Name) (e) Additional Director General (ADG) (f) Data Informatics and Innovation Division (DIID) Ministry of Statistics & Programme Implementation Level-3, East Block-10, R.K. Puram New Delhi – 110066 (g) Email: adg.diid@mospi.gov.in (h) Tel: 91-11-26109682 (i) Fax : 91-11-26160652
2	Data Description and Presentation	
2.1	Data description	Annual Survey of Industries broadly covers the manufacturing units in the registered sector. It provides comprehensive information relating to input, output, value added, employment, assets etc. of the registered factories.
2.2	System of Classification	National Industrial Classification (NIC) 2008 has been used for classifying economic activities and National Product Classification for Manufacturing Sector (NPCMS) 2015 has been used for product used as raw materials and item produced. <ul style="list-style-type: none"> • Industry-wise • State-wise • Rural-urban • Organisation type
2.3	International/ National Standards Classification etc.	NIC 2008 developed on the basis of UNISIC Rev 4 is being adopted from ASI 2008-09 onwards. Central Product Classification (CPC) serves as the reference classification for all product classifications within the international system of economic classifications put in place by the United Nations. National Product Classification for Manufacturing Sector (NPCMS), 2011 is based on Sections 0 to 4 of CPC, Ver. 2.0 that relate to products of manufacturing sector.
2.4	Sector coverage	The Annual Survey of Industries (ASI) is one of the most important sources of industrial statistics of the registered organized manufacturing sector of the economy. It covers all factories registered under Sections 2m(i) and 2m(ii) of the Factories Act, 1948 i.e. those factories employing 10 or more workers using power; and those employing 20 or more workers without using power. The survey also covers bidi and cigar manufacturing establishments

		registered under the Bidi & Cigar Workers (Conditions of Employment) Act, 1966 with coverage as above. All electricity undertakings engaged in generation, transmission and distribution of electricity, not registered with the Central Electricity Authority (CEA) are also covered under ASI. The coverage of ASI has been extended 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) prepared and maintained by the State Governments are considered.
2.5	Concepts and definitions	Detailed Concepts and Definitions are disseminated with Unit Level Data which are present in Detailed Report as well as Instruction Manual. Annual report of ASI 22-23 can be accessed on MoSPI's website.
2.6	Unit of compilation	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 bidi & cigar industries.
2.7	Population coverage	The ASI frame is based on the lists of registered factory / units maintained by the Chief Inspector of Factories (CIF) in each State and those maintained by registration authorities in respect of Bidi and Cigar establishments and electricity undertakings. The frame is being revised and updated periodically by the Regional Offices of the Field Operations Division of NSO in consultation with the Chief Inspector of Factories in the State.
2.8	Reference Period	Reference period for ASI is the accounting year of the factory, ending on any day during the fiscal year. For e.g. in ASI 2022-23, data collected from respective establishments relate to their accounting year ended on any day between 1st April 2022 and 31st March 2023.
2.9	Duration and period of enumeration	ASI 2022-23 survey was conducted during November 2023 to June 2024.
2.10	Sample size/Dataset Size	Total sample size for ASI 2022-2023 was 82,734 (62,778 Census and 19,956 Sample) units.
2.11	Data Confidentiality	For unit-wise ASI data dissemination, due care is taken in anonymizing the identities of industrial units as required under the Collection of Statistics Act 2008.
3	Institutional Mandate	
3.1	Legal acts and other agreements	Collection of Statistics Act 2008 as amended in 2017 and Rules framed thereunder.
3.2	Data sharing/Data Dissemination	As per dissemination policy of MoSPI.
3.3	Release calendar	As per the target date fixed by the Ministry. The ARC may be downloaded from the Ministry's Website. (https://mospi.gov.in/release-calendar)

3.4	Frequency of dissemination	Annual
3.5	Data access	Freely available in the MoSPI's Website: mospi.gov.in
4	Quality Management	
4.1	Documentation on methodology	ASI instruction manual, ASI schedule, code list (giving details of all the codes used in the survey), concepts & definitions of different variables/terminologies used in the survey, the tabulation formulae, all the classifications (activity and product) used in the survey, description and structure of unit level data, the merging of industries etc.
4.2	Quality documentation	N.A.
4.3	Quality assurance	Regular training on concepts, definitions, sampling design, frame updation, data entry in the portal etc. are provided to the field officers for collecting data on ASI as well as officers involved in the ASI data processing work. All field queries on any relevant issue are replied on priority basis. Number of validation check points have been embedded in the portal at data capture/compile stage to ensure data quality. Apart from that, multi-layer scrutiny is carried out at different levels in the field offices as well as at the data processing organization viz. IS Wing, EnSD to ensure data quality. All the schedules failing one or more major validation point(s) are immediately referred back (on-line through the portal) to the compiler in the field for proper clarification and/or correction as per the available records.
5	Accuracy and Reliability	
5.1	Sampling error	Probability sampling is used and the design based weights are derived as per the sampling design.
5.2	Measures of reliability	RSE (Relative Standard Error) for selected parameters at NIC 2-digit for All India are published in the ASI report.
6	Timeliness	
6.1	Timeliness	ASI being a record-based survey with majority of the schedule is filled up with the help of Balance Sheet (BS), Profit & Loss (PL) Account and other related accounting documents of the units and various registers (e.g attendance register, leave register, PF register etc.). Hence although the reference year for the survey is the corresponding financial year, the survey can start only when the eligible factories/units finalize their accounts and accounting statements (BS, PL etc.) as per the timeline provided by various regulatory authorities (e.g. for Companies the time line is set/extended by MCA/ROCs). Due to this reason, the survey has a natural lag of six months (often exceeding six months as and when such dates are extended by the regulating authorities) in commencement in respect of its reference year. The year-wise survey period and the release date are mentioned in the ASI reports of the corresponding year.
7	Coherence and Comparability	
7.1	Comparability – over time	ASI data are broadly comparable over time. For any change in coverage, definition, tabulation etc. the same are highlighted in the tables/reports. Most of these changes do not warrant a break in series.

7.2	Coherence	ASI broadly follows the guidelines of International Recommendations for Industrial Statistics (IRIS) as well as System of National Accounts (SNA).
8	Data Processing	
8.1	Source data type	Survey data
8.2	Frequency of data collection	Annual
8.3	Mode and method of data collection method	ASI web-portal (online) Several validation/scrutiny rules are embedded in the ASI web-portal at data entry/capture level. These checks include code check, value/content check, inter and intra-block consistency checks etc.
8.4	Data validation	Content checks, coverage checks, inter block and intra block consistency checks, howler checks, ratio checks, panel data check (data from previous survey if the unit is re-sampled) etc. are done for each and every schedule and also at an aggregate level). Aggregate output data are compared with previous years' data. Weight adjustments are done to tackle non-response wherever required. Macro level consistency checks are done internally based on other related data sources such as export growth, IIP growth, output/ GVA growth of NAS (manufacturing sector) etc. Apart from these, reports of several sector-specific industries such as petroleum, metal industries, automobile, cement, pharmaceutical, textile etc. from various sources are also analysed.
8.5	Data compilation	Imputations are done only in case of non- responding units where the unit could not provide data for various reasons. In such case, imputations are done from the data of the same unit if it was surveyed and reported last year. Appropriate weight adjustments are also done to tackle non-response wherever required. Details of data compilation, weight adjustment and estimation procedures are given in the instruction manual of ASI.
8.6	Data identifier(s)	A unique Despatch Serial Number (DSL) has been provided for all the selected units both under Census scheme and Sample scheme. CIN numbers of the companies registered with MCA are collected in ASI but not disseminated due to secrecy clause of CoS Act, 2008 as CIN is the part of personal identifier information (PII) of the company.
9	Metadata Update	
9.1	Metadata last posted	ASI metadata are made available along with the unit level data of the concerned survey year. Latest available ASI data set pertains to ASI 2022-23: date 30th October, 2024
9.2	Metadata last update	ASI metadata are made available along with the unit level data of the concerned survey year. Latest available ASI data set pertains to ASI 2022-23: date 30th October, 2024