

Metadata for the Index of Eight Core Industries (ICI)

Item No.	Concept	Details													
1	Contact														
1.1	Contact Organization	Office of the Economic Adviser (OEA), Department for Promotion of Industry & Internal Trade (DPIIT), M/o Commerce & Industry (MoC&I)													
1.2	Compiling Agency	Industrial Production Research Division (IPRD), OEA													
1.3	Custodian Agency	OEA, DPIIT													
1.4	Contact Details	Deputy Director, IPRD, OEA, DPIIT Tel. No: 011-24102384 Email Id: iprd-oea@gov.in													
2.	Data Description & Presentation														
2.1	Data description	The monthly Index of Core Industries (ICI) is a production volume index. It measures the combined and individual performance of production of nine core industries viz. Coal, Natural Gas, Crude Oil, Refinery Products, Fertilizers, Steel, Cement, Electricity, and Iron Ore. The inter-se weights of these nine industries are largely in alignment with the respective weight of these industries in the Index of Industrial Production (IIP) and comprise 32.88 per cent of the weight of items included in IIP (2022-23). Index is compiled and released by the Office of Economic Adviser with a timeliness of 20 days. The details are available at OEA website ' https://eaindustry.nic.in '.													
2.2	System of Classification	The current series of ICI (base 2022-23) follows the National Industrial Classification 2025 (NIC-2025)													
2.3	International/National Standards Classification/Codes, if followed	Yes, National Industrial Classification (NIC) 2025 (5-digit)													
2.4	Sector coverage	The index covers nine core industries; Details of weights are: - <table><tr><th>Industry</th><th>ICI weights (Base Year 2022-23)</th></tr><tr><td>Coal</td><td>5.596</td></tr><tr><td>Natural Gas</td><td>3.841</td></tr><tr><td>Crude Oil</td><td>7.430</td></tr><tr><td>Refinery Products</td><td>22.572</td></tr><tr><td>Fertilizers</td><td>2.731</td></tr></table>		Industry	ICI weights (Base Year 2022-23)	Coal	5.596	Natural Gas	3.841	Crude Oil	7.430	Refinery Products	22.572	Fertilizers	2.731
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		Steel	17.584
		Cement	4.410
		Electricity	30.932
		Iron Ore	4.905
		Total	100.000
2.5	Concepts and definitions	The Index of Core Industries is a quantitative index. Production of the items is expressed in physical terms and the magnitude represents the state of production of items individually and collectively as industry for a given period of time. The Index is compiled by taking into account the quantities of items produced during the current month, vis-à-vis the average monthly production in the base year. The weights for industries in core index (2022-23) are derived on the basis of the weights assigned to corresponding industry/items in IIP (2022-23).	
2.6	Unit of Compilation	ICI is a short-term production indicator and is thus unit free. The production data for each item in the basket is collected in Quantity terms.	
2.7	Population Coverage	The volume of production of the items selected in the ICI basket are supplied on monthly basis by the concerned institutional sources.	
2.8	Reference period	For the current series of ICI, base period is 2022-23.	
2.9	Duration and period of enumeration.	Monthly production data is collected directly from the concerned Ministries/Departments/Organizations. Monthly combined and industry wise indices for a reference month is released with a timeliness of 20 days. Provisional figures of ICI are finalized after 8 weeks (from the month of reference), and then frozen thereafter.	
2.10	Data confidentially	The item/industry wise production data and other sensitive details are not published or shared with any stakeholders.	
3.	Institutional Mandate		
3.1	Legal acts and other agreements	In accordance with the Government of India (Allocation of Business) Rules, 1961, as amended from time to time, it is the responsibility of Department for Promotion of Industry & Internal Trade (DPIIT) to develop policies and strategies for Industrial Development in the country.	
3.2	Data sharing/Data dissemination	ICI for a reference month is released with a timeliness of 20 days. The provisional index is made final after a period of two months. Time series data on ICI is available on the website (https://eaindustry.nic.in) of the Office of Economic Adviser.	

3.3	Release calendar	Advance release calendar is available in office website “ https://eaindustry.nic.in ”.
3.4	Frequency of dissemination	Monthly
3.5	Data access	Data is accessible at “ https://eaindustry.nic.in ”.
4	Quality Management	
4.1	Documentation on methodology	Documentation on the concepts, methodology used in compilation of core index and all necessary details is available in office website “ https://eaindustry.nic.in ”.
4.2	Quality documentation	ICI follows the guidelines mentioned in UNSD document of International Recommendations for Index of Industrial Production (IRIIP), 2010. Appropriate checks are in place for data scrutiny and validation to ensure timeliness and transparency in release of the indices. Data quality of the received data is monitored at various statistical stages. Source agencies and Department carry out data validations at multiple levels. The processing of data is carefully done each month according to a fixed schedule with checking and validation of data, both manually and automatically. Elementary and higher-level indices are thoroughly checked across items and Industry groups. Before publishing, the final index figures are examined to avoid mistakes/errors/discrepancies.
4.3	Quality assurance	
5	Accuracy & Reliability	
5.1	Sampling error	NA
5.2	Measure of reliability	Core Data Integrity Parameters: • Accuracy & Validation: Data is provided by concerned Ministries/Departments via email. The trend is examined based on available data, and in case of large variation in data, the reason for the same is sought by the concerned Ministry/Department. • Timeline and Consistency: Data is provided by concerned Ministry/Department per the given timelines and reported data is examined by OEA, DPIIT.
6	Timeliness	
6.1	Timeliness	Every month ICI is released as per the advance release calendar. “ https://eaindustry.nic.in ”
7	Coherence & Comparability	

7.1	Comparability over time	ICI, being an indicator is comparable across time. Concepts and methods of index compilation remain same through the entire life span of the series. The indices and growth rate (i.e. overall/Industry level) is disseminated on website month-wise and financial year-wise for public use.
7.2	Coherent	ICI is compiled in line with the international standards & practice and is coherent.
8	Data processing	
8.1	Source data type	The data for compilation of ICI is furnished by seven data source agencies located in various Central Ministries/ Departments/ Subordinate Offices of the Government of India which, in turn, collect data from their primary sources.
8.2	Frequency of data collection	Monthly
8.3	Mode and method of data collection method	The data used in compilation of core index is sourced from seven different government agencies/ Departments under Government of India. - Monthly data on Coal production is supplied by Ministry of Coal. - Ministry of Petroleum and Natural Gas provides data for three industries viz. Crude Oil, Natural Gas and Refinery products. - Department of Fertilizer provides data on production of fertilizers. - The steel production data is sourced from Ministry of Steel. - Cement Desk in DPIIT collects and supplies data on cement production in India. - The monthly data on electricity generation from Conventional and Renewable sources is supplied by the Central Electricity Authority/Ministry of Power. - Indian Bureau of Mines (IBM) provides data on monthly production of Iron Ore. Each source agency provides data on production for the reference month, the revised data of production of previous month. The timeline for submission of the data for the reference month is the second week of the following month.
8.4	Data validation	1.Verification of Data: Before releasing the index, the accuracy of the production data wherever significant deviation from the last month's production and previous year's production are

		observed, is confirmed from the source agencies and corrections required are incorporated. 2.Verification of Processing: The index is prepared every month through a built-in software specially developed for this purpose.
8.5	Data Compilation	The Index for each industry is calculated as Production Relative of the industry expressed in percentage. ICI is calculated as weighted average of Production Relatives of industries. The indices are calculated using Laspeyres's fixed-base formula. The production relative is calculated by dividing current month quantity of production (Q_t) for an industry by quantity of production for the industry in base year (Q_0). <i>The industry can include a number of items but production of the industry is taken as the total of all those items which are relevant to ICI.</i>
8.5	Data Identifiers	NA ICI is compiled using secondary data, as provided by the concerned source agencies for index compilation.
9.	Metadata Update	
9.1	Metadata last posted	September 2025
9.2	Metadata last update	September 2025