

## 4.2: Ministry of Commerce and Industry

### 4.2.1: Index of Eight Core Industries

1	Contact Organization	Office of the Economic Adviser (OEA), Department for Promotion of Industry & Internal Trade (DPIIT), M/o Commerce & Industry (Mo C&I)
2	Compiling agency	OEA, DPIIT
3	Custodian agency	OEA, DPIIT
4	Name of Organisation	OEA, DPIIT
5	Author Name (if different from Organization name)	-
6	Disseminating Agency (if different from (4) and (5))	-
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10	Contact Number	Tel. No: 23063162
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12	Data description	<p>The monthly Index of Eight Core Industries (ICI) is a production volume index. It measures the combined and individual performance of production of eight core industries viz. Coal, Crude Oil, Natural Gas, Petroleum Refinery Products, Fertilizers, Steel, Cement and Electricity. The inter-se weights of these eight industries are largely in alignment with the respective weight of these industries in the Index of Industrial Production (IIP) and comprise 40.27 percent of the weight of items included in IIP (2011-12).</p> <p>Index for a reference month is compiled and released by the Office of Economic Adviser with a timeline of 20 days. The details are available at OEA website '<a href="https://eaindustry.nic.in">https://eaindustry.nic.in</a>'.</p>
13	System of Classification	The current series of ICI (base 2011-12) follows the National Industrial Classification 2008 (NIC-2008)
14	International/ National Standards Classification etc.	Yes, National Industrial Classification (NIC) 2008
15	Sector coverage	The index covers eight core industries, accounting for the 40.27% weightage of the overall IIP. Details are:

		Sl No.	Industries	Weights (%) in ICI 2011-12	Weights (% as in IIP 2011-12)
		1.	Coal	10.33	4.1609
		2.	Crude oil	8.98	2.769
		3.	Natural Gas	6.88	3.617
		4.	Petroleum Refinery products	28.04	11.289
		5.	Fertilizers	2.63	1.058
		6.	Steel	17.92	7.214
		7.	Cement	5.37	2.163
		8.	Electricity	19.85	7.994
			Total	100.00	40.266
16	Concepts and definitions	<p>The Index of Eight Core Industries is a production index. Production of the items is expressed in physical terms and the Index and growth rate represents production scenario of the industry for a given period of time.</p> <p>The weights for industries in core index (2011-12) are derived from the weights assigned to corresponding industry/items in the IIP (2011-12).</p>			
17	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.			
18	Population Coverage	It covers only eight Industries viz Coal, Crude Oil, Natural Gas, Petroleum Refinery Products, Fertilizers, Steel, Cement and Electricity.			
19	Reference Period	For the current series of ICI, base period is 2011-12.			
20	Duration & Period of Enumeration	Monthly combined and industry wise indices for a reference month are released with a timeline of 20 days.			
21	Sample Size / Dataset Size	NA			
22	Data Confidentiality	The production data solicited for compilation of ICI are collected under the statutory provisions of Collection of Statistics Act, 2008 and Rules, 2011. The industry wise production data are not published or shared with any stakeholders.			
23	Legal Acts and Other Agreements	<p>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 and Internal Trade to develop strategies for Industrial Development in the country.</p> <p>Collection of data for the current series of ICI (2011-12) is done under the Collection of Statistics Act 2008.</p>			

24	Data Sharing / Dissemination Practices*	Time series data on ICI is available on the website ( <a href="https://eaindustry.nic.in">https://eaindustry.nic.in</a> ) of the Office of Economic Adviser.
25	Release Calendar	Advance release calendar is available in office website " <a href="https://eaindustry.nic.in">https://eaindustry.nic.in</a> ".
26	Frequency of Dissemination	Monthly
27	Data Access	Data is accessible at " <a href="https://eaindustry.nic.in">https://eaindustry.nic.in</a> ".
28	Documentation on methodology	Documentation on the concepts, methodology used in compilation of core index and all necessary details is available in office website " <a href="https://eaindustry.nic.in">https://eaindustry.nic.in</a> ".
29	Quality documentation	ICI being the subset of All-India IIP, 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 carries 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.
30	Quality assurance	
31	Sampling Error	NA
32	Measures of Reliability	Please refer to reply at point 4.2, 4.3
33	Timeliness	Every month ICI is released as per the advance release calendar. " <a href="https://eaindustry.nic.in">https://eaindustry.nic.in</a> "
34	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.
35	Coherence with Other Data Sources	ICI is compiled in line with the international standards & practice and is coherent.
36	Source Data Type	The data for compilation of ICI is furnished by six 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.
37	Frequency of Data Collection	Monthly
38	Mode and method of data collection method	The data used in compilation of core index is sourced from six different government agencies/ Departments under GoI.

		<ul style="list-style-type: none"> <li>- The steel production data is sourced from Joint Plant Committee (JPC), Kolkata. JPC is officially empowered by the Ministry of Steel, to collect data on iron and steel industries.</li> <li>- Ministry of Petroleum and Natural Gas provides data on three industries viz. Crude Oil, Natural Gas and Petroleum Refinery products.</li> <li>- The monthly data on electricity generation from Conventional and Renewable sources is supplied by the Central Electricity Authority/Ministry of Power.</li> <li>- Department of Fertilizer provides data on production of fertilizers.</li> <li>- Cement Section in DPIIT collects and supplies data on cement production in India.</li> </ul> <p>Each source agency provides data on production for the reference month, the revised data of production of previous month (Final). The timeline for submission of the data for the reference month is the first/second week of the following month.</p>
39	Data validation	<p>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.</p> <p>2.Verification of Processing: The index is prepared every month through a built-in software specially developed for this purpose.</p>
40	Data compilation	<p>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 Laspeyre's fixed-base formula. The production relative is calculated by dividing current month quantity of production (Qt) for an industry by quantity of production for the industry in base year (Q0).</p> <p>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.</p>
41	Data identifier(s)	<p>NA</p> <p>ICI is compiled using secondary data, as provided by the concerned source agencies for index compilation.</p>
42	Metadata last posted	June 2025
43	Metadata Last Updated	December 2025