

**Industrial Statistics Unit (ISU)-
Major data source agency for the
compilation of all-India IIP**

Department of Industrial Policy and Promotion
(DIPP)
Ministry of Commerce & Industry

Introduction

- A major data source agency for collection, compilation and transmission of industrial production data to CSO.
- Collects monthly production data of 322 item groups consisting of approximately 5600 unit-product combinations which are from about 4400 industrial units
 - Units as identified by CSO to form frame of IIP.
- 322 item-group (out of 405 item-groups in the manufacturing sector) constitutes:
 - **61.24%** weight of the manufacturing sector;
 - **47.54 %** weight in the overall IIP.

Major Data Source for IIP Compilation

- CSO collects information from 14 source agencies, including DIPP, for compilation of the IIP.
- DIPP provides data for 3 months:
 - the month for which Quick estimates are to be released;
 - the immediate previous month which undergoes first revision;
 - the third previous month which is finalised.
- Data sent in a pre determined format:
 - as per CSO's requirement;
 - includes the response rate for each item.

DIPP contribution to IIP-Glance

	Weight (% in IIP)	DIPP Weight (% in IIP)	Contribution of DIPP (%)
Sectors			
Mining	14.4	0.0	0.0
Manufacturing	77.6	47.5	61.2
Electricity	8.0	0.0	0.0
Overall IIP	100	47.5	47.5
Use based Category			
Primary goods	34.1	0.0	0.0
Capital goods	8.2	8.1	98.4
Intermediate goods	17.2	7.9	45.7
Infrastructure/ construction goods	12.3	5.5	44.3
Consumer durables	12.8	12.8	100.0
Consumer non-durables	15.3	13.3	86.6

Collection of unit-level data

- On-line monthly production data submission facility
 - Returns are also received through email and post.
- Presently, more than 70% returns are received online
 - Remaining units are encouraged to submit data online.
- Data is stored in MySQL database through data entry module of Production Monitoring System (PMS) software.
 - **PMS**: a software application developed using open source technology.
- Reports (unit-wise and consolidated) are generated after login in PMS software.

Online monthly Production Data Entry Form



Industrial Statistics Unit (ISU)

Department of Industrial Policy & Promotion (DIPP)

Ministry of Commerce & Industry, Government of India

Factory : HEAVY PLATES & VESSELS PLANT- BHEL VISAKHAPATNAM | Code : 01200030000 | LOGOUT



Choose Month If Data Entry Is Not For SEP-2018: SEP 2018 GO

Name	HEAVY PLATES & VESSELS PLANT- BHEL VISAKHAPATNAM		
Factory Address	HPVP, UNIT BHEL PO BHPV NATHAYYAPALEM VISAKHAPATNAM ANDHRA PRADESH VISAKHAPATNAM 530012		
Factory Code	01200030000	Update Details	
GST Identification No. (GSTIN)			
Total Employees	<input type="text"/>		

Data Submission Month : SEP - 2018

Sl. No.	Product Name	Quantity A/C Unit	Installed Capacity (in A/C Unit)	Production		Upto the month (in A/c Unit since April)	Current Year Target (in A/C Unit)	Major Constraint	Remarks
				During the month					
				Quantity In A/C Unit	Value (5) [70] Thousand R				
1	BOILER COMPONENTS	[42] Tonnes		0	0	0		--None--	
2	PULVERISOR COMPONENTS	[42] Tonnes		0	0	0		--None--	
3	LEGACY PRODUCTS	[42] Tonnes		0	0	0		--None--	
4	TEMP SUB PRODUCT	[42] Tonnes		0	0			--None--	

Add Product Save Data

NOTE : To submit production data for additional product not listed above, please click on "Add Product" button.
 In case there is no production during month, please report Zero in quantity produced and value of production.
 Data revision for months before JUN-2018 not allowed.

Industries (Development and Regulation) Act, 1951

The authority for collection of data is derived from the Industries (Development and Regulation) Act, 1951 {clause g of sub-section 2 of section 30} and Scheduled Industries (Submission of Production Returns) Rules, 1979.

Section 24 of the ID&R Act, 1951 relate to penalties in case there is contravention in any of the provisions of the rules.

Current status of Response Rate

	May 2018 Final Revision	July 2018 1st Revision	August 2018 Quick Estimate
Weighted Response	91.4%	88.8%	87.3%
Unit response	81.5%	77.2%	72.0%

National Statistical Commission's recommendations on Response:

Target a response rate in terms of production of at least 60% in the first month and 80% at the time of the final revision

DIPP well exceeds the target and is continuously making efforts to further this response.

Identification of new item/factory

- Initiated action on collection of monthly production data from the 320 additional units sent by CSO
 - DIPP has also requested assistance of field offices of NSSO for the collection of backlog monthly production data of these additional units.
- DIPP could manage to get data of 9 additional units of mobile phones.
- Industrial units submitting Part B of Industrial Entrepreneurs Memorandum (IEM) intimating commencement of commercial production have also been approached through letters for their monthly production data.

Steps taken to ensure data quality

Validation

- Multi-level quality checks inbuilt in the online data submission facility.
- Inconsistencies/abnormal variation taken up with the concerned industrial units.
- Items carrying high weights in IIP are checked thoroughly for even small variation.

Confidentiality

- Unit-level data is provided to CSO by suppressing the identification particulars of the industrial units.
- Data compiled by DIPP, for the purpose of IIP, are not published separately in the public domain.
- Data is not shared with any government or non-government entity.

Non-response

- Non-response treated by imputing the last reported production.
- Apart from bulk e-mails, non-responding units are contacted through letters and telephone.

Timeliness

- Units are required to submit production data by the 10th of every subsequent month.
- Collection, validation and compilation of monthly production data in a short period of time (4 weeks).
- Every month, data is provided to CSO by e-mail within 35 days from the end of the reference month.

Challenges

- Ensuring Response from units in time.
- Spotting and resolving discrepancies in the submitted information in the intervening period:
 - when the return is received and the time by which information is sent to CSO.

Challenges (Contd.)

Tracking non- response which may due to:

- changing manpower in unit;
- merger/ takeover of units;
- conversion of manufacturing units into trading units;
- temporary/permanent closure of units;
- shift in production of one item to another.

Manpower in ISU

- ISU is a small unit presently comprising of –
 - One SAG level officer (ISS);
 - One STS level officer (ISS);
 - One JTS level officer (ISS);
 - Two Junior Statistical Officers;
 - Three Data Entry Operators;
 - Two Consultants and three Data Entry Operators on contractual basis.
- **No field offices!**

Thank you