



State Participation in ASI

Introduction

- Annual Survey of Industries (ASI) is the principal source of industrial statistics (Organized sector) in India.
- The survey is conducted annually under the statutory provisions of the **Collection of Statistics (COS) Act, 2008** (as amended in 2017) and the **Rules framed there-under in 2011**

State Participation in ASI

- Except for the **CE states/UT**, (*Arunachal Pradesh, Manipur, Meghalaya, Nagaland, Sikkim, Tripura and Andaman & Nicobar Islands*) state samples are drawn for **all other states/UTs**.
- For **Uttar Pradesh**, two extra sub-samples (SS5, SS6) are drawn as per state requirement.
- States participating in ASI use the same concepts, definitions, and schedule as followed in central sample

State Assistance in ASI

- State samples are drawn before the start of every survey along with the central sample (ASI 2017-18: Oct18)
- ASI survey instruments like schedule, instruction manual etc. are shared
- Data processing instruments like list of validation rules, multipliers, tabulation plan for estimating the parameters etc. are provided.

State Assistance in ASI

- E-schedule package is customized for each of the State DES with the respective state sample for e-compilation of ASI schedule
 - Contains a number of validations at data entry level itself
 - Almost all the validation rules that are used in ASI web-portal for validation of ASI central sample data are included in the latest e-schedule package

State Assistance

- Methodology of pooling is shared with the states along with hands-on exercise
- Central sample unit level data along with metadata are shared with the State DESs
 - To generate district level estimates
- All kind of technical guidance/support in form of AITOT/state-specific focused training
 - Last AITOT: September 2018

Status of State Data Processing

- ASI 2015-16:

Tabulation Completed/In progress	Validation Completed/In progress	Data Entry Completed/In progress	Data Collection completed/in progress	Not Started/Not doing
Andhra Pradesh, Gujarat, Uttar Pradesh	Assam, Kerala, Tamil Nadu	Delhi, Himachal Pradesh, Maharashtra, Odisha, Rajasthan, Telangana, Uttarakhand	Bihar, Chattisgarh, Karnataka, Madhya Pradesh	Chandigarh, Haryana, Puducherry, Punjab,

- No response received from Chattisgarh, Dadra & Nagar Haveli, Daman & Diu and West Bengal

Status of State Data Processing

- ASI 2016-17:

Validation completed/ in progress	Data Entry in progress	Data Collection completed/ in progress	Not Started/Not doing
Puducherry, Uttar Pradesh	Rajasthan, Tamil Nadu, Telangana	Andhra Pradesh, Assam, Bihar, Delhi, Gujarat, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Odisha, Uttarakhand	Chandigarh, Chattisgarh, Haryana, Maharashtra, Punjab

- No response received from Chattisgarh, Dadra & Nagar Haveli, Daman & Diu, Jharkhand, and West Bengal

Issues

- Different states are at different stage of data processing of ASI of different years
 - Difficulty in organizing AITOT/common training programme
 - Same units being approached by the FOD and state DES simultaneously for collecting information on different ASI survey years
- A tentative time frame may be fixed for completion of the state sample and its pooling with central sample

Issues

- State DES/SSBs should mobilize resources and develop adequate field and EDP infrastructure for canvassing and processing ASI state sample in time
- ASI frame is dynamically updated every year from the relevant information collected from the units canvassed in the last survey ASI year
 - Presently done on the basis of central sample alone (size: 77,000 as against frame size of 2.38 lakh)
 - State DESs may share key information regularly on ASI frame from the State sample (another 26,000 units can be updated from state sample)

Issues

- BR Units (employee size ≥ 100) in ASI (from ASI 2014-15)
 - Large BR units from Andhra Pradesh, Manipur, Chattisgarh, Himachal Pradesh, Punjab, Uttar Pradesh, Tamil Nadu, Telangana, Gujarat, Rajasthan, Kerala, Karnataka already included in ASI frame
 - State DESs may compare the units with employee size greater than or equal to 100 of latest ASI frame of 2017-18 with their BRE and find out units that are not available in ASI frame but available in BRE and involved in manufacturing and have employee size greater than or equal to 100



THANK YOU