



**GOVERNMENT OF PUDUCHERRY
DIRECTORATE OF ECONOMICS AND STATISTICS**

**ENSURING QUALITY IN
ADMINISTRATIVE STATISTICS**

26th COCSSO

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Administrative Statistics :

- ❑ Collected from Official files and records.**
- ❑ By-Product of Records of Various Administrative Departments**
- ❑ Data Sets emerge from**
 - (i) records of Implementation of various schemes by the Government Departments.**
 - (ii) Delivery of various services.**

Limitations:

- ❖ Data collected without Sound Statistical Objectives.
- ❖ Data emerges without any specific Statistical Objectives.
- ❖ No required format / Proforma for Data records
- ❖ Scattered and spread over various records and files
- ❖ Variation in time periods
- ❖ Dealing Officers – Mostly non Statistical background

Validation :

- **Data sets need to be validated based on statistical principles.**
- **Comparison of similar data sets on 3 years and 5 years moving average basis.**
- **Validation tests wherever possible.**

❖ **Obtaining Reasons for Variations**

- i. From official records**
- ii. Discussions on Item to Item basis**
- iii. RTI replies**
- iv. Logical balance between physical and financial targets – welfare schemes.**

Validation of Administrative Statistics :

- ◆ **Variation exists in terms of Unit of Measurement, Time period and Source**
 - i. Trend projections and analysis.**
- ◆ **No clarifications could be arrived at the variations – transfer / retirement of staff who created the records.**
 - i. Verification of the financial sanctions issued during that time period**
 - ii. Verification through Audit reports and Audit observations for time series data sets.**

❖ **Test of Validation :**

- i. Time to time**
- ii. Data sets to data sets**
- iii. Schemes to schmes**
- iv. Official to official (Official interations)**

❖ **Conclusion :**

Overall, the Quality and Validity of Administrative Statistics depends primarily on maintenance of files and records by the client departments.



Thank You