USE OF ADMINISTRATIVE SOURCES

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CONTENT

- Data Collection Methods
- Definition
- Essentials
- Processing
- Practical Issues
- Advantages & Disadvantages
- Administrative Source in Turkish SBR
DATA COLLECTION METHODS

• Enumerations
• Sampling
• Use of Administrative Sources
• Other
DEFINITIONS

Administrative Information
Administrative sources containing information that is not primarily collected for statistical purposes

Statistical Information
Generated according to a methodology
ESSENTIALS

- Legal Base
- Official Statistics Programme
- Public Opinion
- Use of Common Identifier
LEGAL BASIS

- Turkish Statistical Law
- Statistics Council of Turkey
- Production of Official Statistics
- Access to Administrative Records
- Confidentiality
OFFICIAL STATISTICS

- A platform all public institutions contribute
- Task Forces
- Share of data between bodies
- Efficiency in the production processes - Escaping the double-effort
PUBLIC OPINION

- Awareness
- Openness & Transparency
- Trust
COMMON IDENTIFIER

• Use of Common Identifier
• Good metadata standards
• Classifications
• Good IT support
PROCESSING

**Processing of Records**
- DataEdit
- Missing values
- Matching
- Time reference
- Generating the units
- Generating variables

**Processing of Quality**
- Cooperation with Data Suppliers
- Data Control
- Imputation
- Incorrect matches
- Detecting inconsistencies
- Metadata issues
- Surveys for better data
PRACTICAL ISSUES

• Transformation - Statistical units, classifications comparable and harmonized with EU definitions
• Matching – Using key identifiers, name, address
• Monitoring the quality – by survey or manual jobs
• Control with other sources
• Control within BR
• Using annual reports for key units
ADVANTAGES

• Lower Cost
  – Less survey

• Lower Response Burden
  – Less Questions

• No sampling Error

• Up-to-date information
  – Demographic variables especially

• Frequent data cycle
  – Alive data is possible
DISADVANTAGES

- No standard definition of units
- Classification
- Timeliness (reference date)
- Challenges of controlling too many data sets
- Priorities of administrative body-owner of data
- Issues for short term data
- Updating rules (order)
ADMINISTRATIVE SOURCES IN SBR

Ministry of Science, Industry and Technology
Revenue Administration
Social Security Institution
Turkish Union of Chambers and Commodity Exchanges
Ministry of Economy
TurkStat
Small and Medium Industry Development Organization
Ministry of Customs and Trade
THANK YOU