Role of statistical business register programmes from the perspective of the Generic Statistical Business Process Model

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Session 5: Backbone role of the Statistical Business Register
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Introduction

Current challenges of official statistics

- Escalating demand for high-quality statistics
- Tightening budgetary resources

Need to implement modern systems architectures:

- Improving cross-functional collaboration
- Aligning IT infrastructure
- Integrating statistical production processes
Prominent role of SBRs

SBRs lie at the core of the integration of the multiple data sources and processes involved in the production of economic statistics

However:

- SBRs are expensive to compile and to maintain
- Need to justify investment of resources
- Make sure they fit within National Statistical Development Strategy
- Take into account country-specific circumstances
### Topic of this presentation

- **Vision:** Central role that SBR programmes play as the backbone of an integrated system of official economic statistics
- **Assessment:** Current situation vs. vision or SBR programmes
The Generic Statistical Business Process Model

- Provides a unified conceptual framework for developing, operating and improving SBR programmes
- Effective tool for documenting and sharing best practices across countries

I. Planning statistical systems
II. Operating statistical systems
III. Evaluating statistical systems
SBR backbone role

Supporting data collection

- Establishment of frame populations
- Selection of samples
- Coordination of data collection and reduction of response burden
- Preparation of data collection activities
- Avoidance of accidental disclosure during data collection
- Management of interactions with data providers
## Supporting data processing and analysis

- Data integration
- Derivation of statistical units
- Coding and normalization of data
- Provision of appropriate weights to “gross-up” results from collected data
- Data quality assurance
Supporting data dissemination

- Computation of aggregates for dissemination purposes
- Direct production of statistical outputs
- Compilation of statistics on globalization
- Avoidance of accidental disclosure during or after data processing
Gaps with respect to envisioned role

Global Assessment Survey on status of SBR programmes.\(^1\)

- Conducted between May and July 2013
- 39 developed and 77 developing countries and areas
- Ranging from countries with ad-hoc lists to those with sophisticated SBRs

Gaps with respect to envisioned role

Gaps in fulfilling data collection role

- Incomplete coverage of various types of units
  - Economic units of public and self-employed sectors
  - Small statistical units
  - Units in the agriculture and government sectors
- Time elapsed between the last update of the SBR and its use sample selection can be longer than one year
- Lack of a system to keep track of the relationships between different statistical units
- Inability to link external sources by matching ID numbers
- Irregular updates of contact details of SBR units
Gaps with respect to envisioned role

Gaps in fulfilling data-processing and -analysis role

- Lack the legal mandate to access administrative data sources
- Inadequate record identifiers and mechanisms to match, merge, and cross-validate data from different sources
- Lack of continuity rules
- Issues in coverage and/or definition of certain types of statistical units
  - Enterprise group
  - Enterprise
  - Establishment
Gaps with respect to envisioned role

Gaps in fulfilling data dissemination role

- Lack an adequate legal framework regulating the use of SBR data by other agencies
- Need to develop confidentiality-protection rules that encourage the dissemination and use of SBR data by establishing trust and accountability
- Unfulfilled demand for Business Demographics statistics
Conclusions

- Generic Statistical Business Process Model (GSBPM) as an overarching framework for analysis
- Vision of the central role that an SBR programme should play as the backbone of an integrated system of official statistics
- Main challenges faced by national statistical offices to reach that vision
Thank you!
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