Regional Workshop on the Use of R for Statistical Business Process

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PSRTI
Surveys
The GSBPM – An Overview

The General Statistical Business Process Model

- Provides **standard framework** on producing official statistics.
- The **harmonized terminology** of the GSBPM helps facilitate modernization of statistical processes of statistical organizations.

The GSBPM – An Overview

The General Statistical Business Process Model

• The author of this model (document) is the Statistics Division of the United Nations Economic Commission for Europe.
• Its most recent version is the GSBPM version 5.1.

## Phases of Statistical Business Processes

### SPECIFY NEEDS
- Need for new statistics
- Current statistics need review

### DESIGN
- Outputs, Variables
- Survey Design
- Frame and sample
- Analyses, workflow

### BUILD
- Design set in production
- Configure, test, finalize workflows

### COLLECT
- Create frame and select sample
- Logistics and tech
- Train collection staff
- Prepare collection instruments

### EVALUATE
- Gather evaluation inputs
- Conduct evaluation
- Create action plan

### DISSEMINATE
- Produce report products
- Manage and promote dissemination
- Manage and provide user support

### ANALYZE
- Draft outputs
- Validation
- Interpretation and explanation
- Disclosure control
- Finalization

### PROCESS
- Integrate data
- Code, review and validate
- Edit and impute
- Derive variables, weights, aggregates
The Statistical Inquiry

Statistical inquiry refers to the systematic process of collecting, organizing, analyzing, interpreting, and presenting data to gain insights, make informed decisions, and draw conclusions about a specific phenomenon or population.

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**Statistical Inquiry Framework**

1. **Identify the problem**
2. **Plan the study**
3. **Collect the data**
4. **Explore the data**
5. **Analyze and interpret results**
6. **Present the results**
Methods of Data Collection

SURVEYS / CENSUS

DOCUMENTED DATA

OBSERVATION

REGISTRY

EXPERIMENTS
Registration

Refers to enumeration and recording of vital statistics, such as:

- Registration of birth
- Marriage registration
- Death registration
Registration

Birth registration form and certificate of live birth in the Philippines

Issued upon request in special paper
Registration

Marriage license form and death certificate application forms
The Philippine Statistics Authority has an online facility (PSA) for submitting requests for copy issuance of civil registry records.

https://www.psaserbilis.com.ph/
The Survey

What is a Survey?

Is a method of data collection where data are obtained from individuals either by verbal or written communication.

Obtains information through:

- Personal Interviews
- Self-administered questionnaires
- Telephone survey
- Mailed questionnaire
- Online surveys
- Focus group discussions
The Survey

Personal Interview

Interviewers personally ask the questions to the respondents and record the answers of the respondents on the questionnaire

- **PAPI** – pencil and paper interview
- **CAPI** – computer assisted personal interview
- **CATI** - computer assisted telephone interview
The PSA shall primarily be responsible for the implementation of the objectives and provisions of the following systems:

- The Philippine Statistical System
- Philippine Identification System
- Community-Based Monitoring System.

https://psa.gov.ph/about
Some Functions of the PSA

• Serve as the central statistical authority of the Philippine government on primary data collection;
• Prepare and conduct periodic censuses and sample surveys;
• Collect, compile, analyze, abstract and publish official statistical information;
• Carry out, enforce and administer civil registration functions in the country;
• Conduct continuing methodological, analytical and development activities, in coordination with the PSRTI.

https://psa.gov.ph/about
Some Official Surveys and Censuses Conducted by the PSA

- Census of Population and Housing (CPH)
- Family Income and Expenditure Survey (FIES)
- National Demographic and Health Survey (NDHS)
- Annual Poverty Indicators Survey (APIS)
- Labor Force Survey (LFS)
- Palay and Corn Production Survey (PCPS)
- Commercial Livestock and Poultry Survey (CLPS)
- Functional Literacy, Education, and Mass Media Survey (FLEMMS)
- Annual Survey of Philippine Business and Industry (ASPBI)

https://psa.gov.ph/survey
Access General Information About PSA Surveys

https://psa.gov.ph/survey
WORKSHOP
https://psa.gov.ph/ssrcs (form 1)

1. This activity is done by country group.
2. In Statistical Review and Clearance System Form 1, provide entries of at least Part I. General Information of the form. All other parts are optional to fill-up.
3. This is a mock-up planning activity; therefore, the survey study the group will come up with can be entirely made-up, but make sure of its relevance and importance.
4. Submit the filled-up forms / answers on the same Google Drive Folder where the form is uploaded.
Thank You!

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