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# Collecting Renewable Electricity Data: Philippines

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# Outline of Presentation

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II. **Sources of Energy Data**
III. **Uses of Establishment based surveys**
IV. **Methods of Data Gathering in ASPBI**
V. **Data Disaggregations**
VI. **Data and Indicators Generated**
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# I. Introduction

➢ **Philippine Statistics Authority (PSA) serves as the central statistical authority of the Philippine government**

➢ **committed to provide timely and quality statistics for globally competitive economy**

# I. Introduction

➢ **Executive Order No.352** – Designates statistical activities for adoption by the government

# I. Introduction

➢ **establishment-based census and surveys conducted by PSA**

- ✓ **Monthly Integrated Survey of Selected Industries (MISSI)**
- ✓ **Producer Price Survey (PPS)**
- ✓ **Quarterly Survey on Philippine Business and Industry (QSPBI)**

# I. Introduction

➢ **establishment-based census and surveys conducted by PSA**

- ✓ **Survey on Information and Communication Technology (SICT)**
- ✓ **Survey of Tourism Establishment in the Philippines (STEP)**
- ✓ **Census of Philippine Business and Industry (CPBI)**
- ✓ **Annual Survey of Philippine Business and Industry (ASPBI)**

# II. Sources of Energy Data

**Annual Survey of Philippine Business and Industry (ASPBI)** and **Census of Philippine Business and Industry (CPBI)**
is the establishment based surveys/census where data on energy statistics is being generated

# III. Uses of Establishment Based Data

➢ **data from establishment-based surveys are used in:**

   ✓ **System of National Accounts (SNA)**

   ✓ **Sustainable Development Goals (SDG 9)**

   ✓ **generating MSME (micro, small and medium establishments/enterprises) data using total employment**

   ✓ **gathers information to updating the characteristics of the list of establishments**

# III. Uses of Establishment Based Data

- ➢ **data from establishment-based surveys are used in:**
  - ✓ **Generating indicators for industries such as**
    - ▪ **Value added**
    - ▪ **Labor productivity**
    - ▪ **Average compensation**

  - ✓ **evaluating the performance of industries for national and regional development planning and monitoring**
  - ✓ **data enclave for researchers**

# III. Methods of Data Gathering in ASPBI

**The following activities are being adopted by ASPBI and CPBI:**

> **uses concepts and methodologies patterned after United Nation System of National Accounts and Organization for Economic Cooperation and Development (OECD)**

# III. Methods of Data Gathering in ASPBI

➢ **uses classification standards**

  ✓ **Philippine Standards Industrial Classification**

  which **is aligned with ISIC Rev 4**

  ✓ **Philippine Standard Geographic Classification**

  **as of** **31 December 2016**

# III. Methods of Data Gathering in ASPBI

✓ **Utilization of**

- ▪ **Sampling Methodology**

- ▪ **Questionnaire Design**

- ▪ **Data Processing, Review and Tabulation**

# III. Methods of Data Gathering in ASPBI

➢ **Utilization of Sampling Methodology**

**- CPBI and ASPBI uses stratified systematic sampling design with 5-digit PSIC serving as industry strata and total employment as the second stratification variable**

# III. Methods of Data Gathering in ASPBI

➤ **Utilizes Questionnaire Designs in all surveys**

**Parallel with the Philippine accounting principles and Systems of National Accounts**

**7 types of self-administered and web – based sectoral questionnaires**
**one of the questionnaires is used for collection of data for electricity, gas, steam and air conditioning supply**

# III. Statistics and Indicators Generated

➢ **ASPBI aims to collect and generate detailed information on employment, income, expense, capital expenditures and total assets of the establishments**

➢ **ASPBI generates indicators such as value added, labor productivity, average compensation and others necessary to evaluate the performance of industries at the national and regional levels**

# III. Statistics and Indicators Generated

➢ **ASPBI generates indicators such as:**

✓ **value added**

✓ **labor productivity**

✓ **average compensation**

**to evaluate the performance of industries at the national and regional levels**
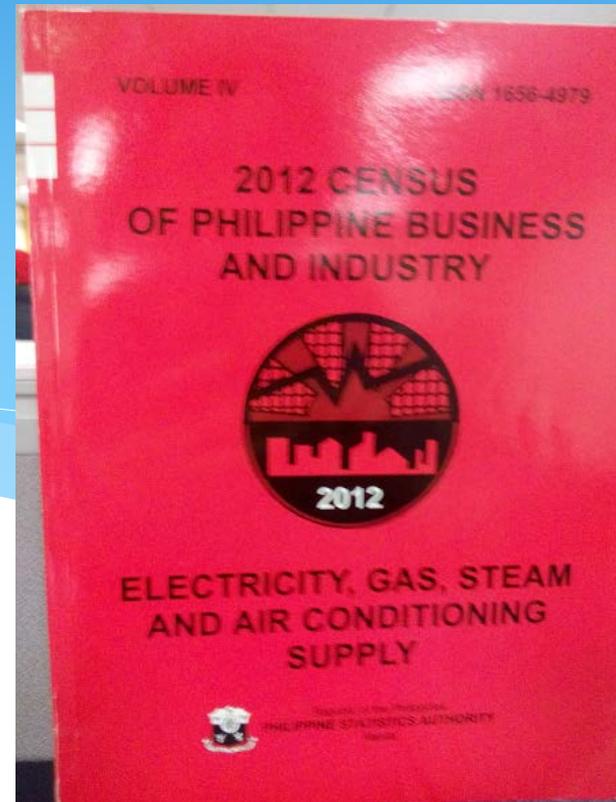
# III. Statistics and Indicators Generated

➢ **ASPBI generates data on electricity, gas steam and airconditioning supply.**

➢ **Data are generated at the 5-digit PSIC as follows:**

  **D35100 - Electric power generation, transmission and distribution**

  **Note:  Data on renewable energy is not available in ASPBI and CPBI**

➤ **E- copy publication**

➤ **Printed copy of publications**

# Salamat!!! Thank you!!!

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