

The Importance Of Administrative Data for Statistical Purposes: Indonesia Challenges

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Background

- The complexity of statistical development needs more sources, whether from census/survey or through generating data from administration records
- The administrative data play important role in completing the statistical information and has to be one of official statistics

Administrative Data : Why Important?

- Data produced is richful and very strategic information due to the continuity, completeness, and representation of small area statistics
- Statistics derived from the administrative data is intensively used by various government agencies.
- Permanent cooperation between Statistics Office and Government Agencies dealing with administrative data is a key point to guarantee continuity of the administrative product

Administrative Data : Weaknesses and Limitations (1)

- Less in using statistical concept and standard, but more on technical and operational approach due to the daily practice in delivering the public services
- Management / authorities of administrative data do not always have statistical awareness and capabilities
- Considering the statistical purposes may disturb the mechanism of service delivery

Administrative Data : Weaknesses and Limitations (2)

- Disconnecting, incomparable, and inconsistent data may happen during the change of management
- Data are mostly not collected through solid sampling design
- Time coverage and completeness may unpredictable

Producing Statistics from Administrative Data : Role of BPS

- Processing and accelerating the raw data to meet statistical purposes
- Introducing and influencing a better concept, classification, standard and system to match with international recommendation
- Bridging the producers of administrative data to the main users of its statistics :

Tourist arrivals : Immigration office → BPS → Tourism & culture Department

Export & Import : Custom office → BPS → Trade & Industry Department

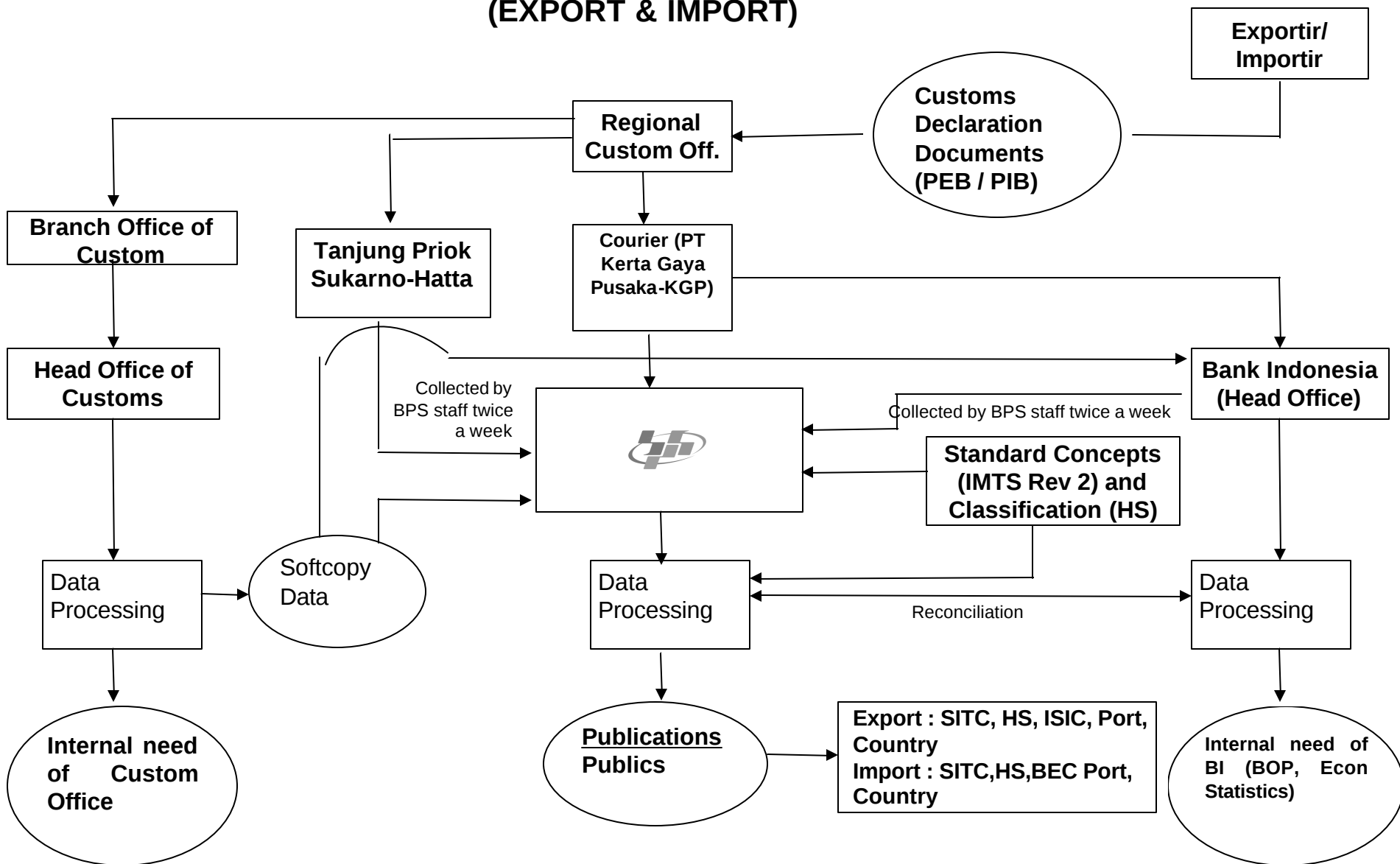
The Main Administrative Data BPS Experiences

- Export and import
- Foreign Tourist
- Population registration

Export and Import

- Export and Import data are considered as one of the oldest administrative data, though the system is improved from time to time
- The following slide depicts the current system of export and import data

FOREIGN TRADE STATISTICS SYSTEM (EXPORT & IMPORT)



Foreign Tourists

- The processing of inbound and outbound people through the immigration office generates rich information such as foreign tourists.
- The following slide shows the definition of foreign tourist and the data collection process

Entry

document

BPS

TPI



**Non
tourist**

Citizen

**Citizen by types
of passport**

Crew

Crew Alien

tourist

Alien

**Alien by types of
Visa /
document**

**Non
Tourist**

E/D Card

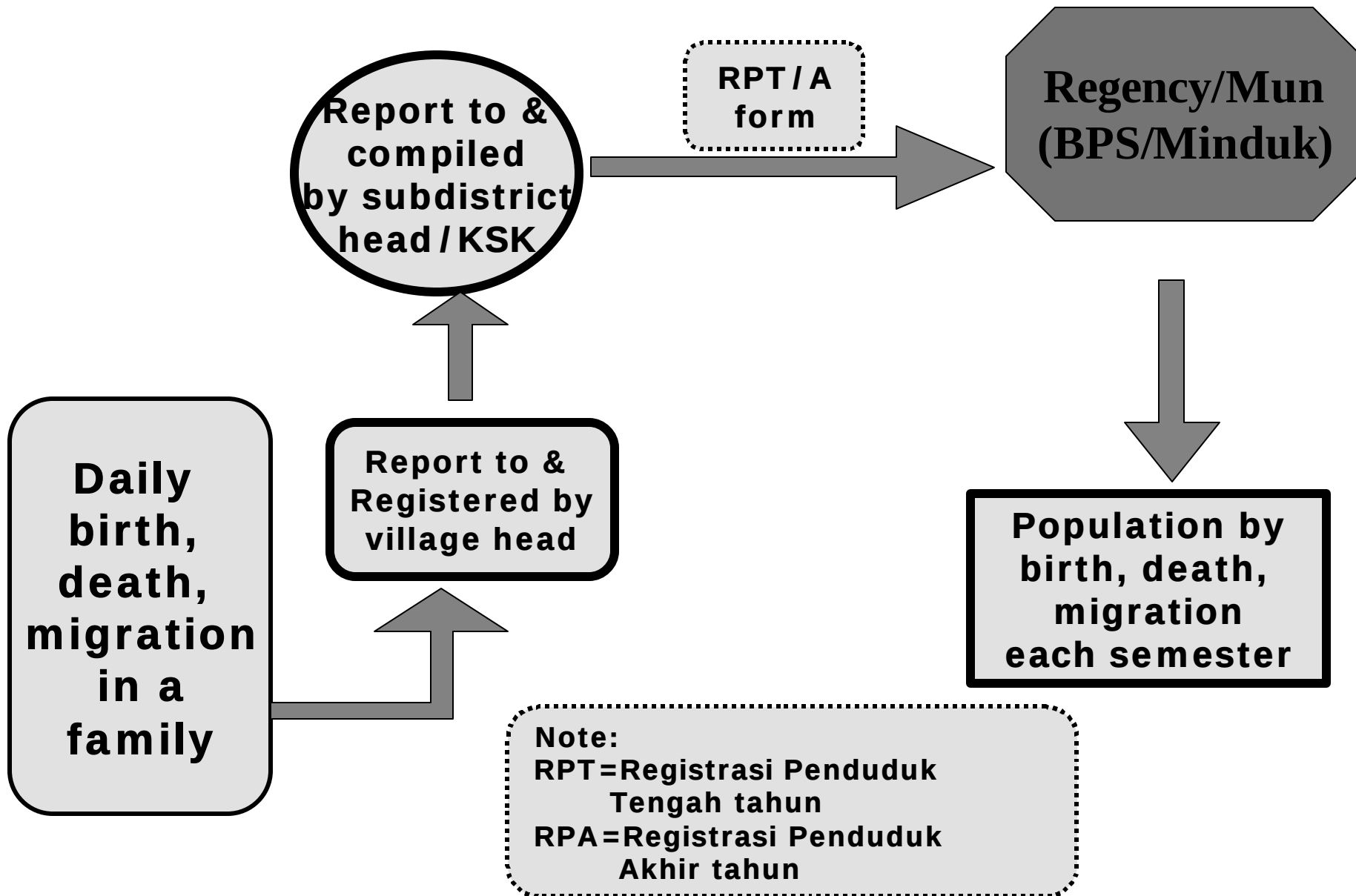
**Immigration
Office**



Population Registration

- Based on the Law No 23 in 2006, population registration is the responsibility of population registration office, under the Minister of Home Affair.
- The earlier research funded by USAID in 1973-1977 indicated that population registration is possible but needed additional laws and much higher budget, specifically to hire a registrar specialist in each subdistrict.

Registration Process



Other administrative data

- Each line ministry, of course, generates administrative data
- Those data are mainly used for internal purposes.
- BPS regularly collects administrative data and transfer to the statistical format that can be utilized by public, then, publishes them in the statistical year book as an official statistics

The Main Issue of Administrative Data

- Administrative data do not necessarily follows international standard
- Administrative do not cover informal/illegal activities data and tend to under estimate
- Most administrative data have disaggregation to sub-national levels (island, province)

Managing the Quality of Administrative data

- The quality of administrative data is the main objective of BPS in cooperation with line ministries
- BPS has developed and implemented many MOU'S with many line ministries in utilizing administrative data
- The line ministries always report and inform their performances using their administrative data
- The weekly meeting of economic ministries uses the results of BPS Surveys for cross checking the data from the line ministries



Thank you