



The Use of Population Census Data for Various Program Targeting



*Arizal Ahnaf
Wendy Hartanto*

BPS-Statistics Indonesia



24th Census Conference 2009

Association of National Census and Statistics Directors of America, Asia, and the Pacific

Hongkong, 25-27 March, 2009

Indonesia

- 33 Provinces
- 485 Districts/municipalities
- 7000 Sub-districts
- 75,000 Villages
- 300 Ethnic group
- 13,700 Islands



2010 Population Census

- The 2010 Population Census will be the 6th modern population census of Indonesia. The previous Census carried out in 1961, 1971, 1980, 1990 and 2000
- The 2010 census is expected to enumerate around 232 millions people who lives in about 65 millions households by approximately 700,000 field enumerators

2010 Population Census (Legal Basis)

- **Law 16/1997**
regarding Statistics
- **Government regulation 51/1999**
regarding the implementation of Statistics
undertaking
- **Other Ministerial Decrees**
which are supporting the census activity

Designing the census questionnaire: Some considerations

- The census questionnaire (i.e., C-Form) has been designed taking into consideration the United Nations recommendations for the 2010 Population and Housing Censuses; the monitoring of the achievement of the United Nations Millennium Development Goals (MDG); and the experiences in planning and conducting the previous censuses in Indonesia.
- The census, using the C form, will collect household information as well as demographic, social and economic variables from each member of the household on the basis of complete enumeration.

Items to be collected in the census (using C-Form)

1. Basic demographic characteristics: sex, age, relationship to head of household, marital status;
2. Fertility: number of children ever born and still living;
3. Mortality: including child, adult and maternal mortality;
4. Migration (district level): place of birth, current residence, place of residence 5 year ago;
5. Education: schooling status, educational attainment, reading and writing ability;
6. Socio-cultural: religion, ethnic group, citizenship, ability to speak Indonesian, daily language used in home;
7. Disability(following UN recommendation);
8. Employment: economic activity during previous week, main industry, employment status;
9. Housing: housing ownership, floor area and type, sources of drinking water, fuel for cooking, lighting, toilet facilities; and
10. Usage of ICT

The 2010 Population census has been designed to meet various data needs

- the basis for updating population data bases up to the lowest level of administrative unit (*village*);
- valuable input in monitoring the progress for achieving the Millenium Development Goals (MDGs);
- the basis for preparing small area statistics;
- basis for preparing population projection;
- the basic data in developing sampling frame for various surveys conducted between 2010-2020; and
- the basis for developing population registers and population administration system.

Census for Program Targeting

- Poverty alleviation
- Food security
- Educational assistant
- Health subsidies
- Conditional cash transfer
- Nutritional intervention

National Level

Province Level

District Level

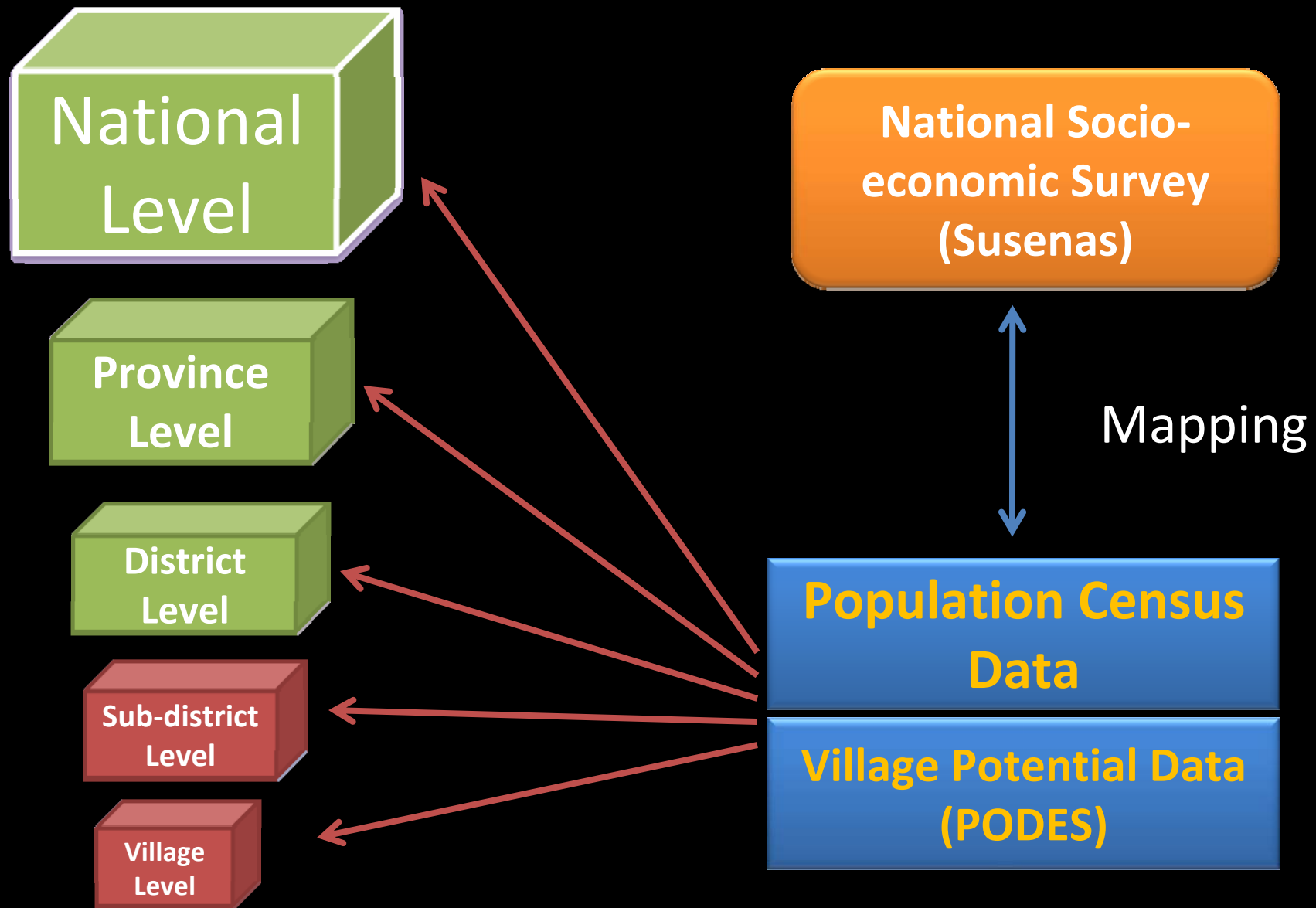
Sub-district Level

Village Level

National Socio-economic Survey

Due to limited number of samples, Susenas unable to produce poverty figures at Sub-district or lower level

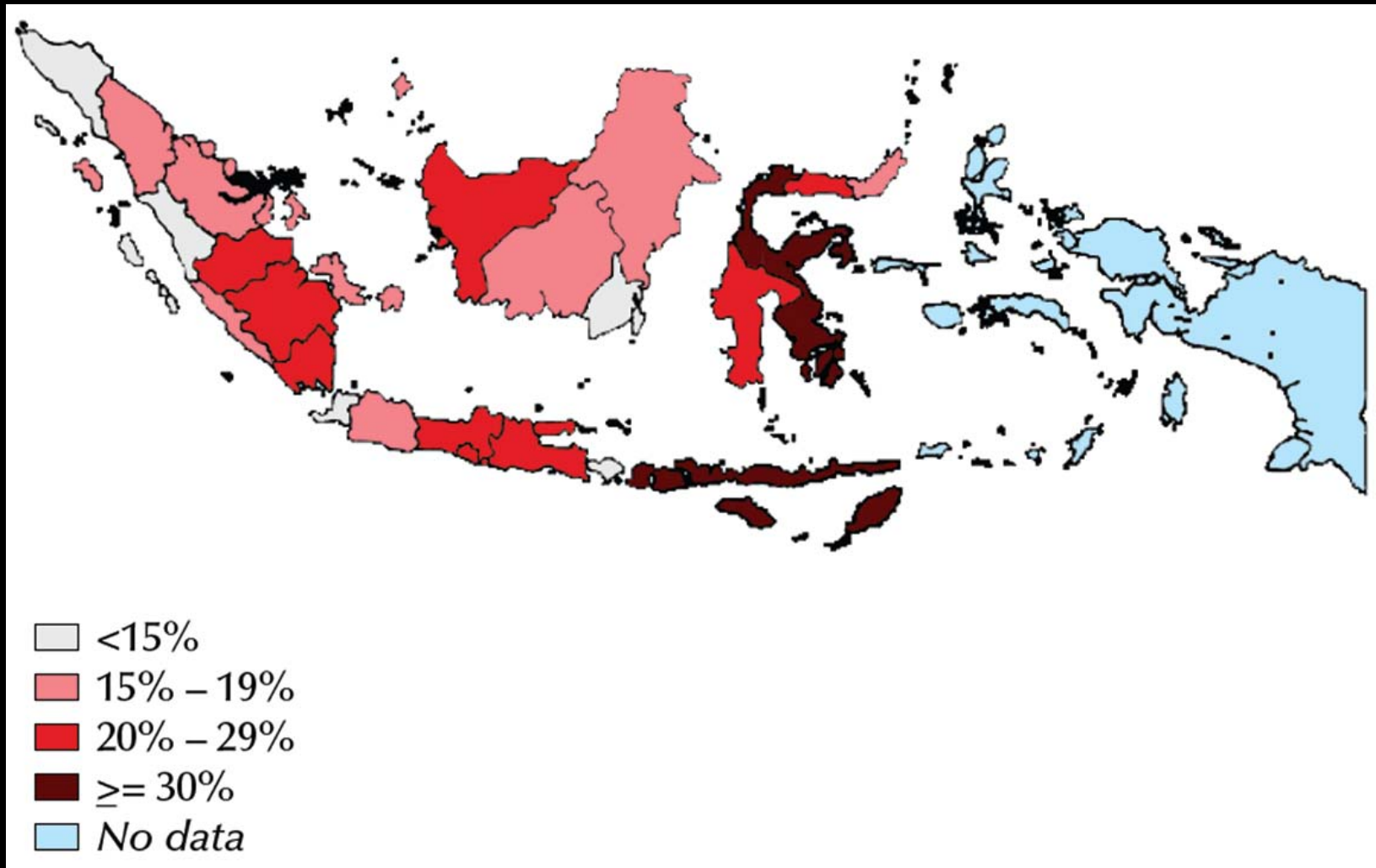
Mapping for Program Targeting (Poverty, Malnutrition, Education, Health, Housing)



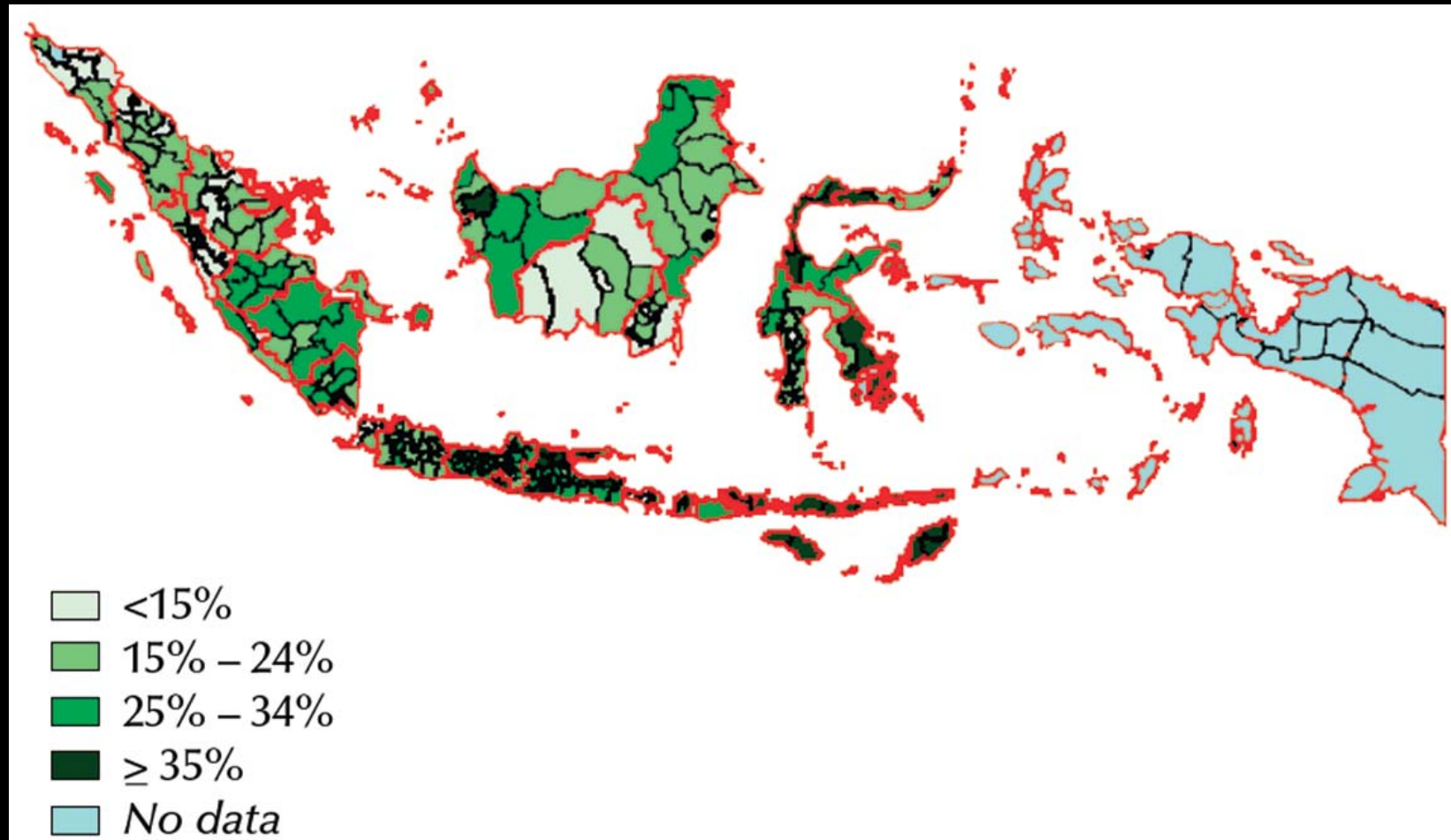
Data needed for Poverty Mapping

- Consumption data is covered by SUSENAS.
- Population Census covers basic data for everyone in Indonesia.
- Villages Census covers all villages information in Indonesia to obtain location effect for the analysis.

Poverty Headcount Ratio, by Province, Indonesia 2000



Poverty Headcount Ratio, by Regency and City, Indonesia 2000



Government Program

2004-2009 Medium Term Development Planning

- Reducing Poverty
- Reducing Unemployment
- Promoting high economic growth

- Poverty Census - poor and near poor - 2005
- Unconditional Cash Transfer
- Direct distribution of rice subsidies

- Hope Family Program (*Program Keluarga Harapan*)
- Very Poor (Children 0-15, Pregnant women)
- Conditional Cash Transfer (provide additional nutrition for children under 5 and pregnant women; assure children attending school)

2010 Population Census for Program Targeting

- Rich of information
- Name and address of household/members
- Can be derived up to below village level
- Combination with expenditure data from Socio-economic survey can be estimate welfare at household level/village level

Geographic Targeting (GIS)

- Education Map
- Literacy Map
- Employment Map
- Fertility Map
- Mortality Map
- Disability Map
- Poverty Map
- Etc

Thank you for your attention

