

GIS FOR ACCOUNTABILITY REPORTING

SOCIAL SECURITY PROGRAMS IN INDONESIA

Stimulus Report Fiscal Year 2010

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BACKGROUND

Rationale

- (1) Provide transparency and context to data.
- (2) Show the effectiveness of investments
- (3) Helps government leaders make informed decisions for the greatest good.

Memorandum

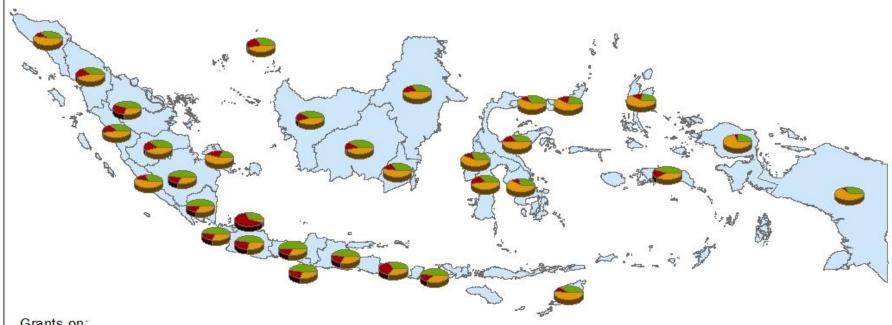
- The maps reflects economic condition and fiscal stimulus in 2010.
- They are all preliminary finding and result of data aggregation.
- NEW! The information on some entitlement programs while not reported detail in the national budget report or Annual Government Work Plan are included on the maps.



Grants Distribution

Proportion of Grants





Grants on: Health (Jamkesmas) Education (BOS) Infrastructure (PNPM)





Created by Resya Kania
Data Source: TNP2K, Ministry of Social Affairs, 2011

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Proportion of Rice Subsidy (RASKIN) in Each Province







0.16% - 2%

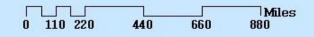


2.01% - 5%



5.01% - 16%





Created by Resya Kania Data Source: TNP2K, Ministry of Social Affairs, 2011

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Conditional Cash Grant





PKH

\$162,600.00 - \$1,000,000.00

\$1,000,000.01 - \$3,000,000.00

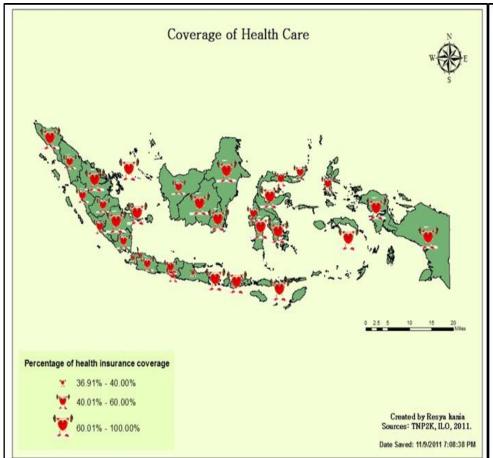
\$3,000,000.01 - \$6,000,000.00

\$6,000,000.01 - \$8,500,000.00

Created by Resya kania Sources: TNP2K, Bappenas, 2011.

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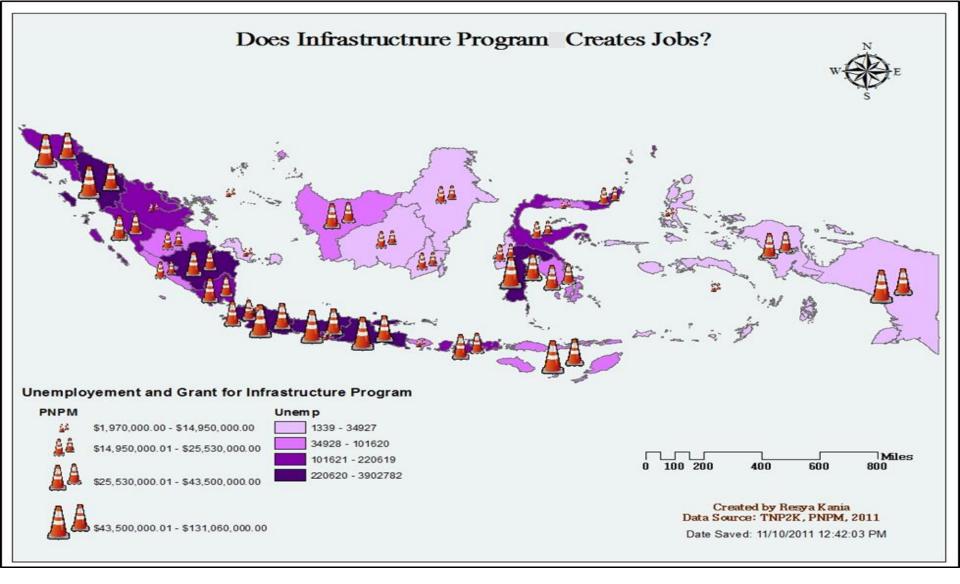




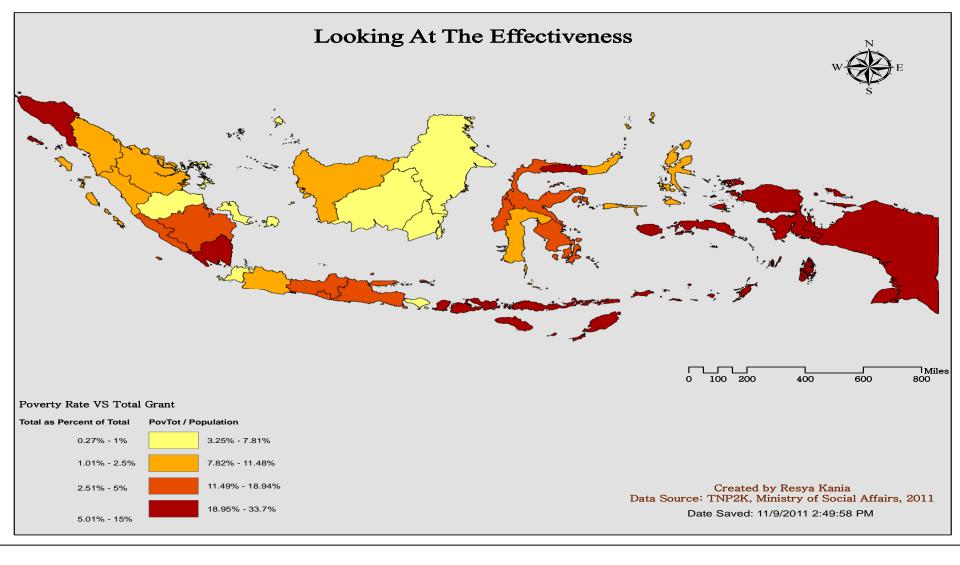


- (!) Higher percentage of coverage → Less amount of reimbursement
- (?) What would explain the pattern:

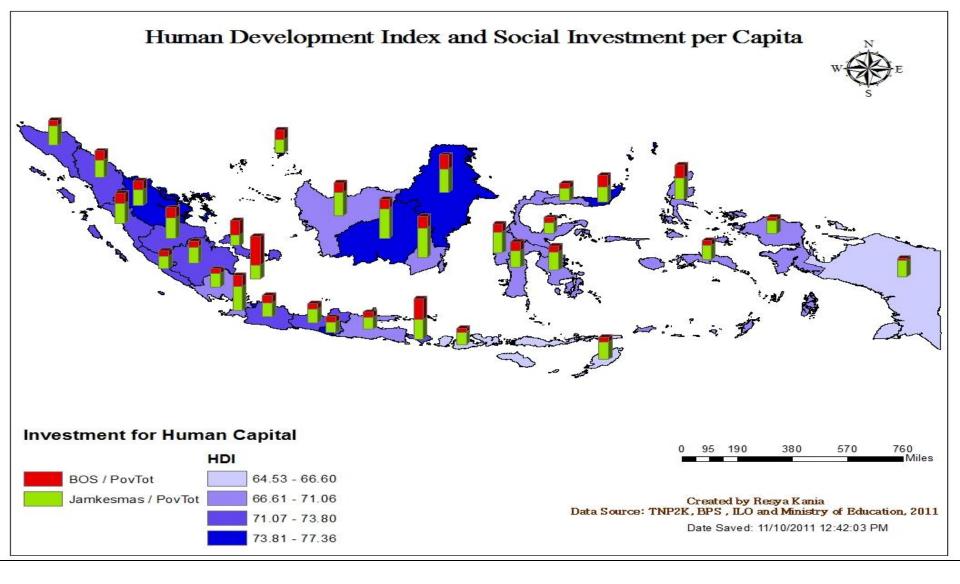
Cost of health care Accessibility of health care Leakage of funds



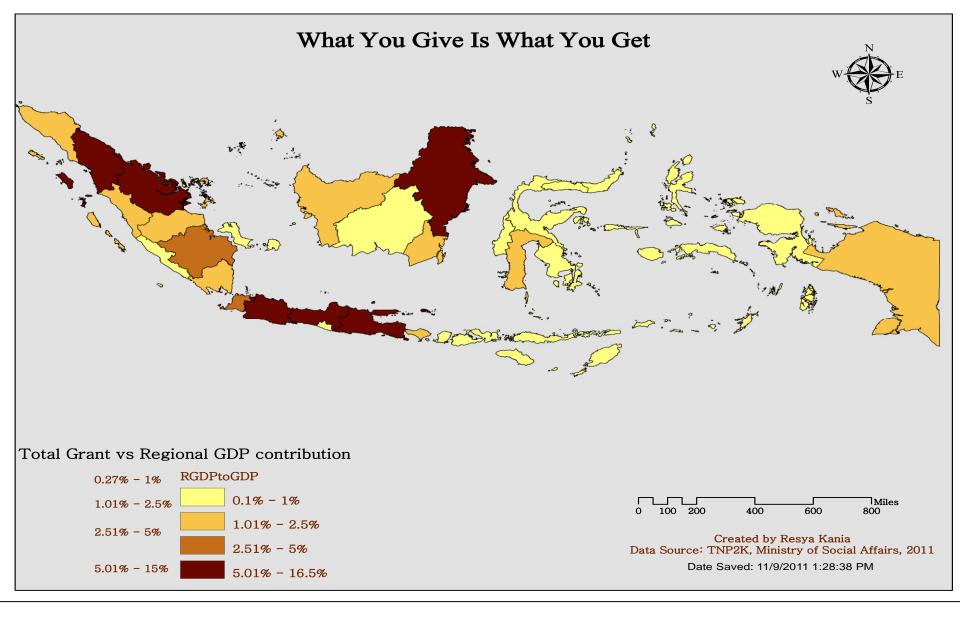
- ✓ **Sumatera, Kalimantan, and Sulawesi**: The Intensity of infrastructure program is higher in province with higher unemployment level.
- ✓ National Level: No clear pattern



- Poverty rate was higher in eastern part of Indonesia. Yet, the grants on social security programs were mostly given to Java which had lower poverty rate.
- Government need to evaluate the selection criteria as well as quality of each program.



- ✓ In general investment per capital mostly devoted to health.
- ✓ DKI Jakarta and Bali allocated the most of the investment on education.
- ✓ Kalimantan and DKI Jakarta are those who have the highest investment per person.



In general, it seems there was a positive relation between regional GDP and total grants; The higher contribution of regional GDP to national GDP, the higher grants received.









Keith Jenkins

TA FOR DSOC3140: Spatial Thinking, GIS, and Related Methods

Xiaoling Li; Ben Hale; Amit Anshumali