

ENHANCING THE PRODUCTION, DISSEMINATION, AND USE OF MIGRATION STATISTICS: **THE CASE OF INDONESIA**

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BPS-STATISTICS INDONESIA



OUTLINE

- 1** Background
- 2** Migration Statistics in Indonesia
- 3** Dissemination of Population and Labour Mobility Statistics
- 4** Innovations
- 5** Challenges

Background

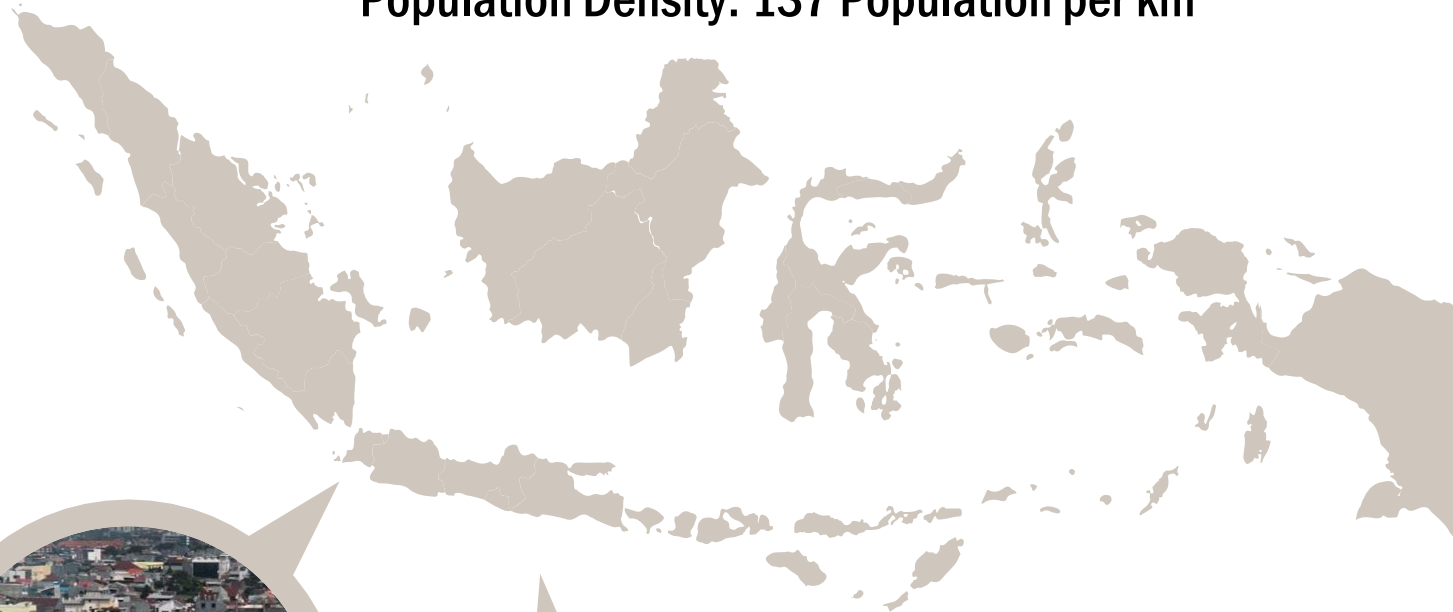


BACKGROUND (1)

Condition in 2017

TOTAL POPULATION : 262 MILLION

Population Density: 137 Population per km²



Population Density of
Jakarta:
15.624 pop per km²



Population distribution
6,8 % of territory
56,6% of Total Population



Population Density of
West Papua :
9 pop per km²

Population distribution
22 % of territory
1.5% of Total Population



Migration is becoming an increasingly significant issue for a number of reasons¹ :

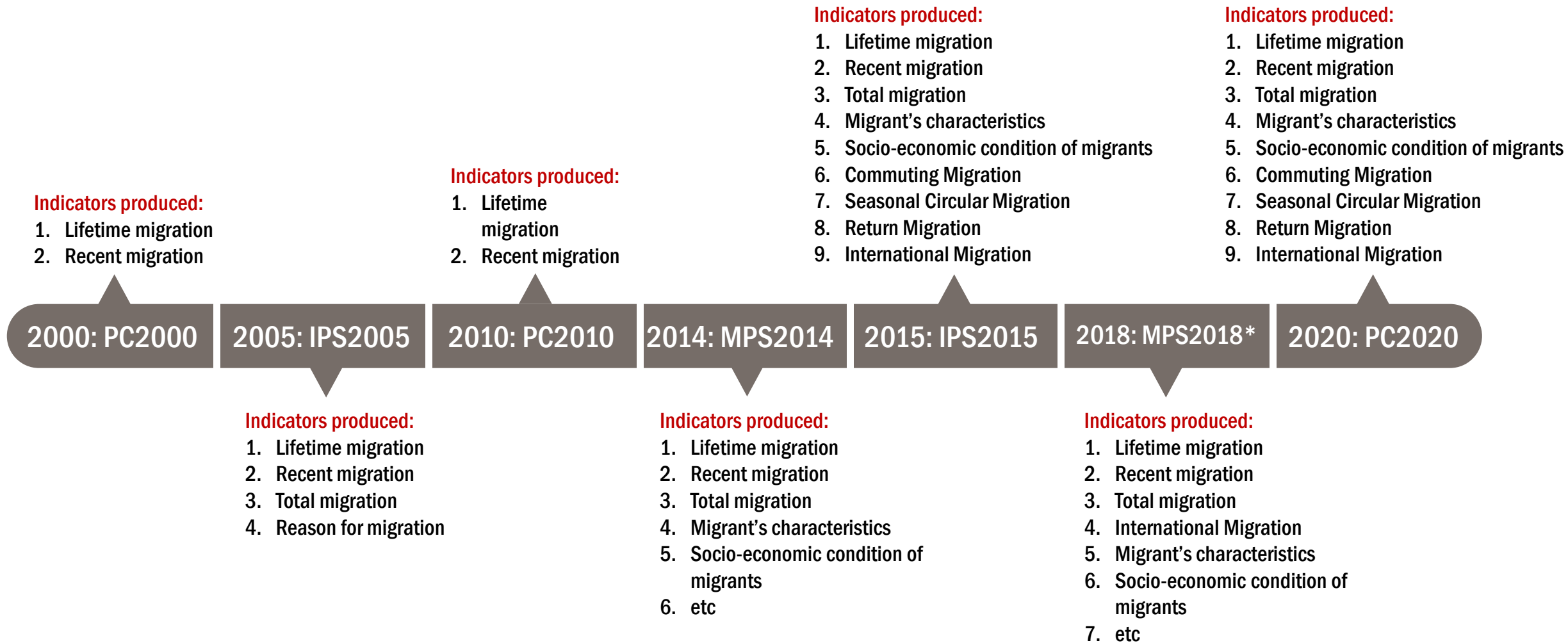
- 1. The rate of natural increase of populations is slowing down.**
- 2. Both the scope and the magnitude of urbanization is increasing.**
- 3. The policy issues related to migration in developing countries are attracting increasing attention.**
- 4. The trend towards population deconcentration in the form of metropolitan-to-non-metropolitan migration is accelerating, particularly in the developed countries.**

¹De Jong, G.F., & Gardner, R.W. (1981). *Migration decision making: Multidisciplinary approaches to microlevel studies in developed and developing countries*. New York: Pergamon Press.

Migration Statistics in Indonesia



MIGRATION STATISTICS IN INDONESIA (1)

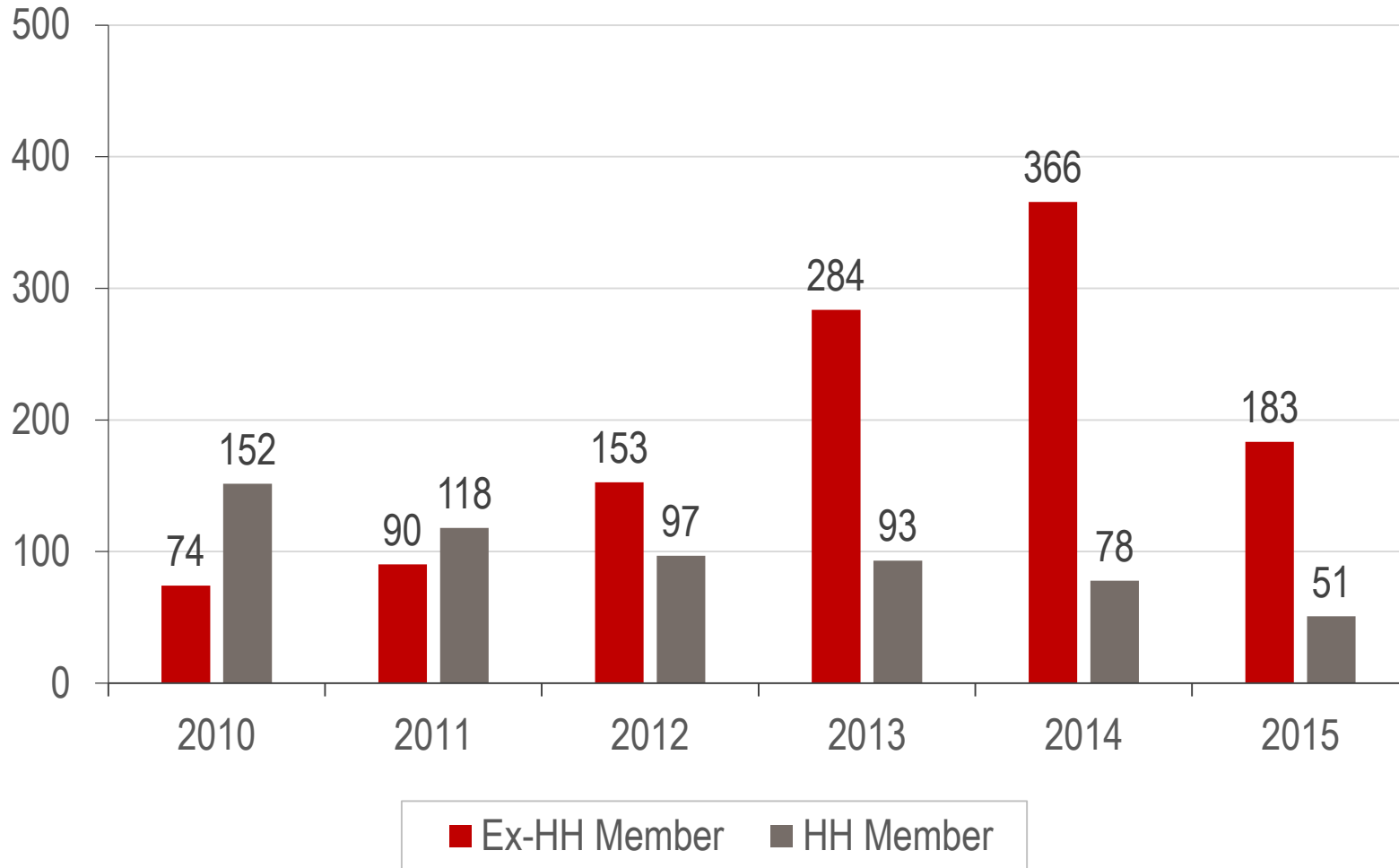


*UN's Recommendations: Handbook on Measuring International Migration through Population Censuses (UN-Ecosoc, 2017)



MIGRATION STATISTICS IN INDONESIA (2)

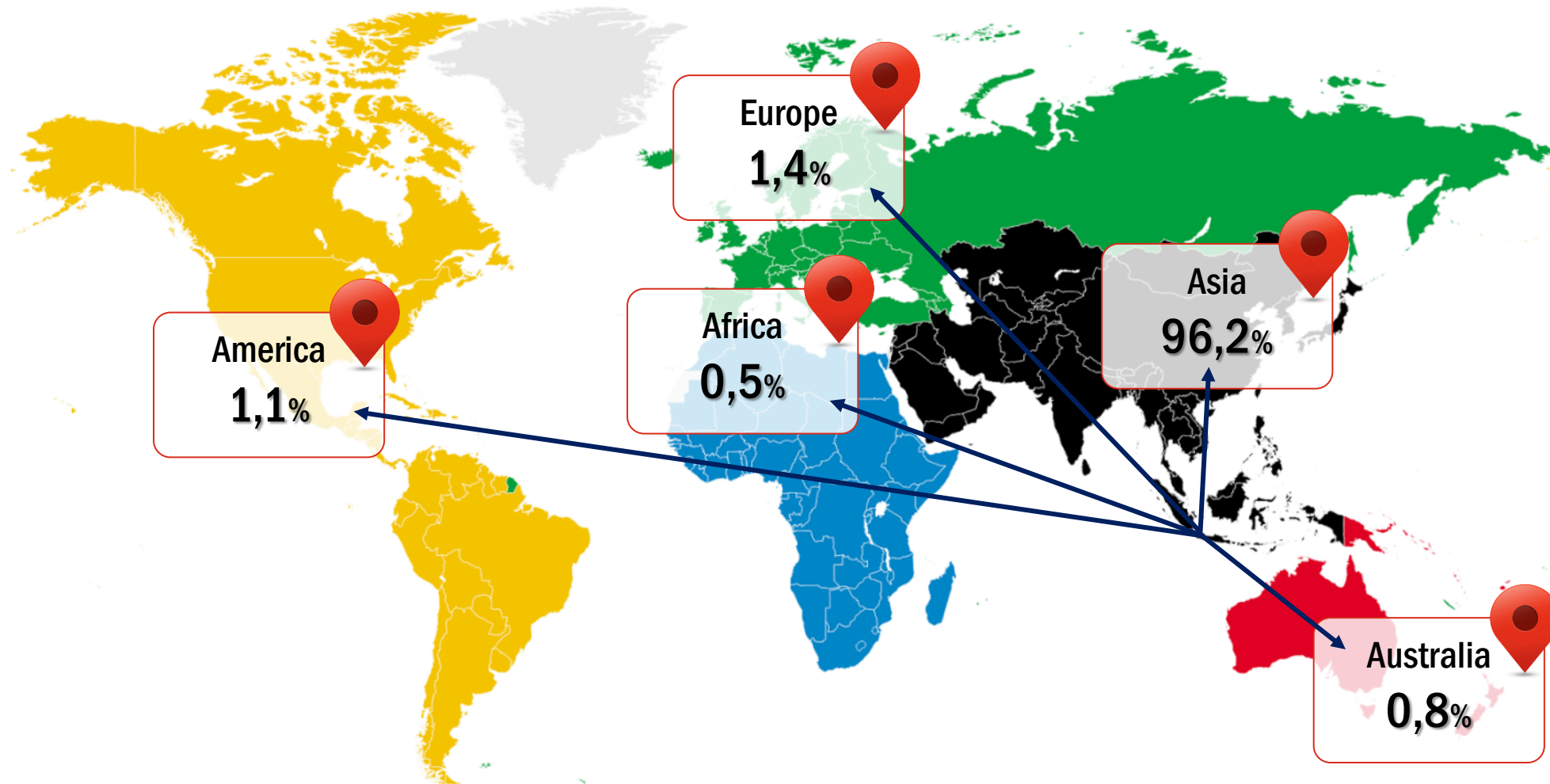
Thousands



**International Out-Migration
(Household Survey Approach)**

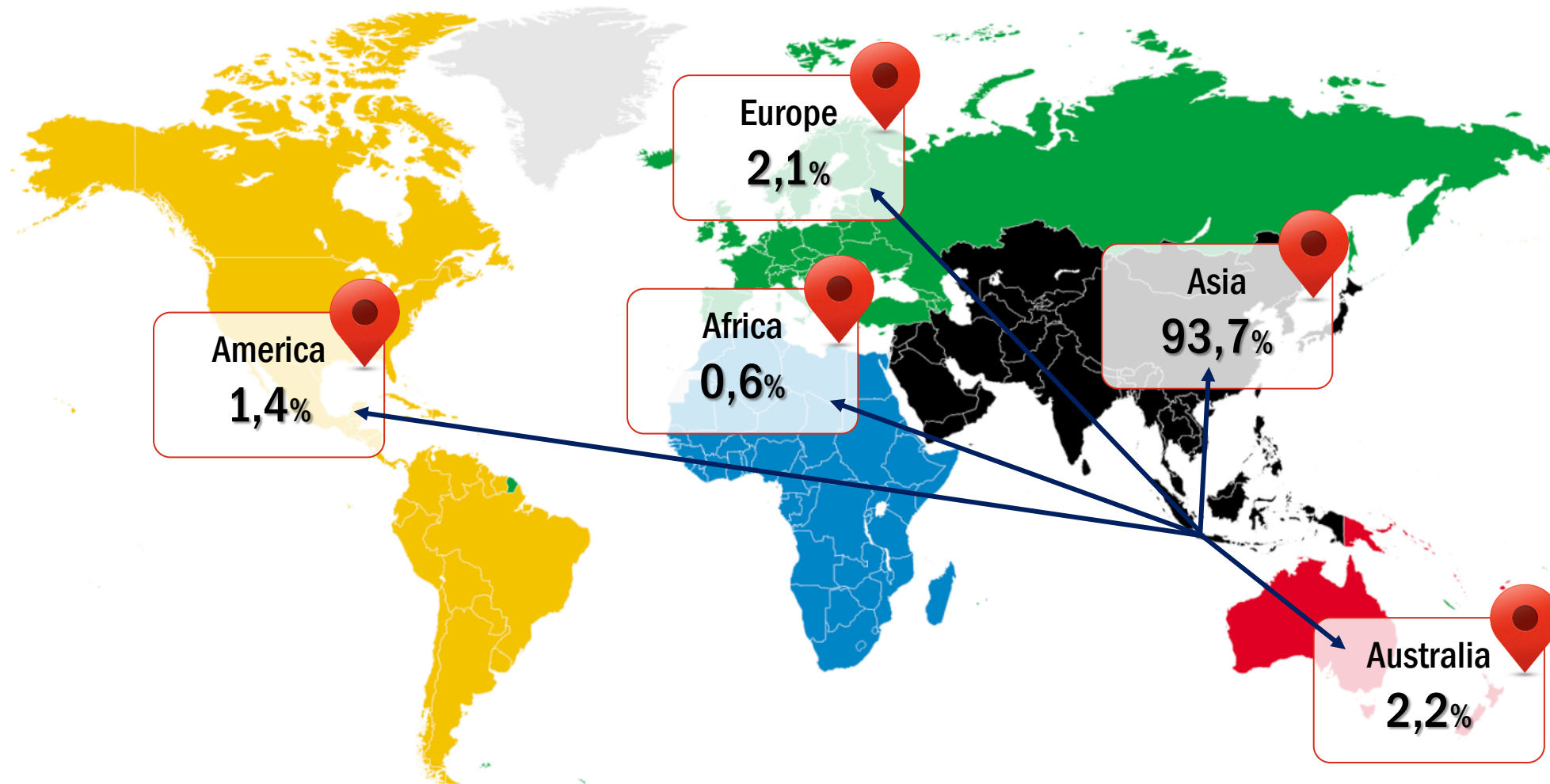


Percentage of Out Migration (Ex Household Member) by Region





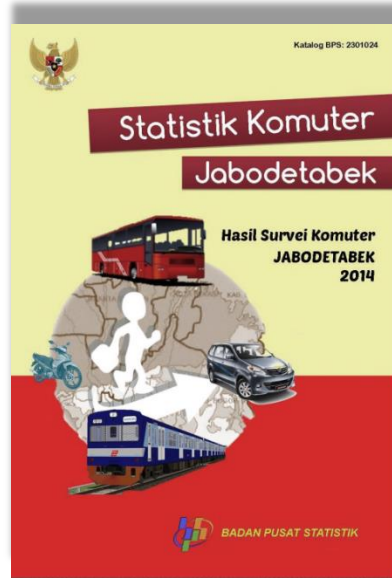
Percentage of Out Migration (Household Member) by Region



Dissemination of Population and Labour Mobility Statistics

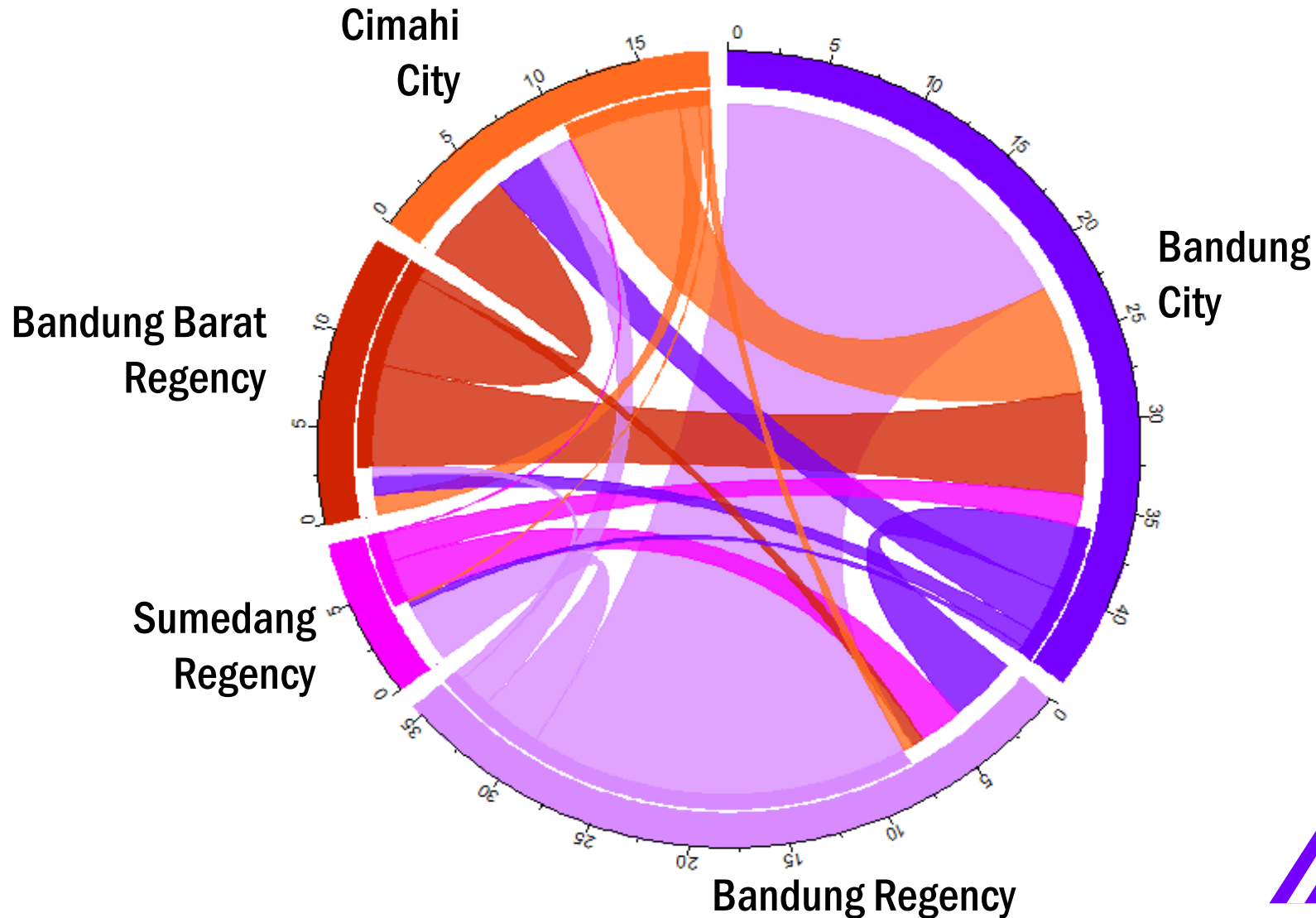


DISSEMINATION AND OTHER PRODUCTS (1)





DISSEMINATION AND OTHER PRODUCTS (2)

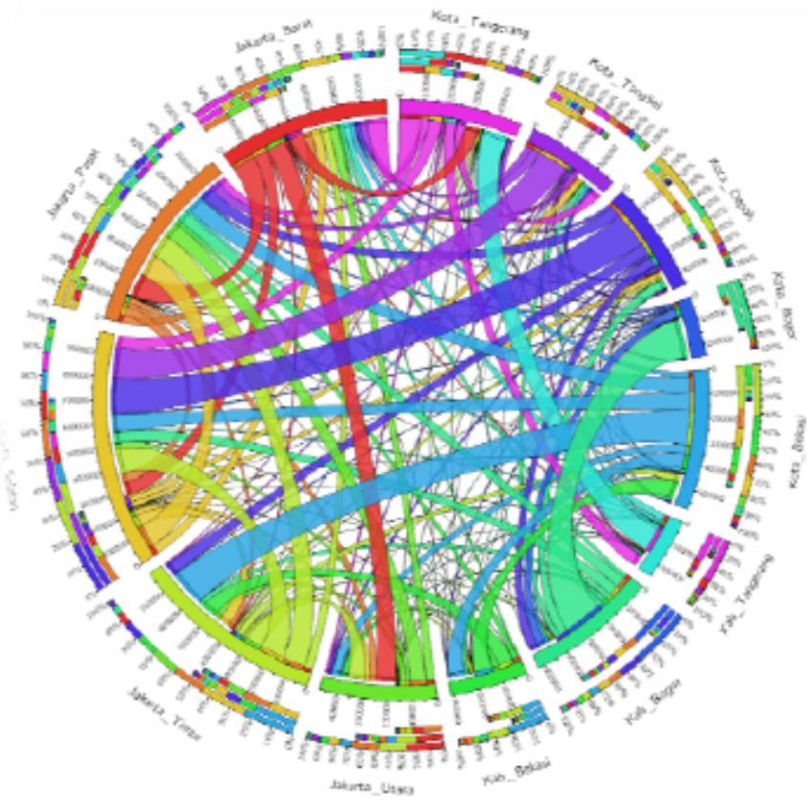


The Commuting Pattern of Bandung Raya Metropolitan Area

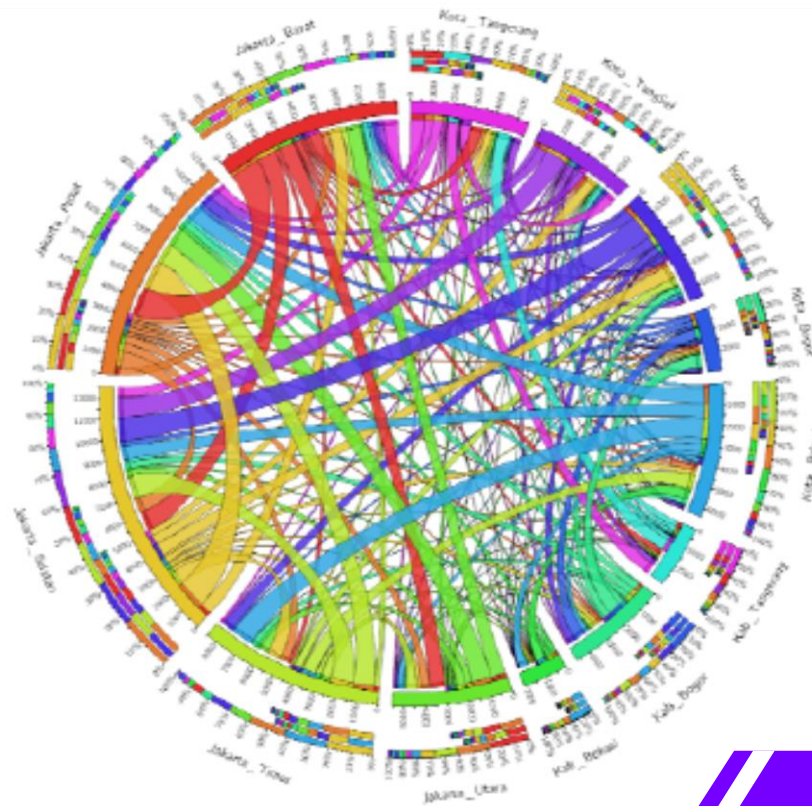
Bandung City (The Capital City of West Java) is the primary destination for the commuter



The Comparison of Commuting Pattern Between Conventional Commuter Survey Data and Twitter Data



Commuter Survey



Twitter



Limitations

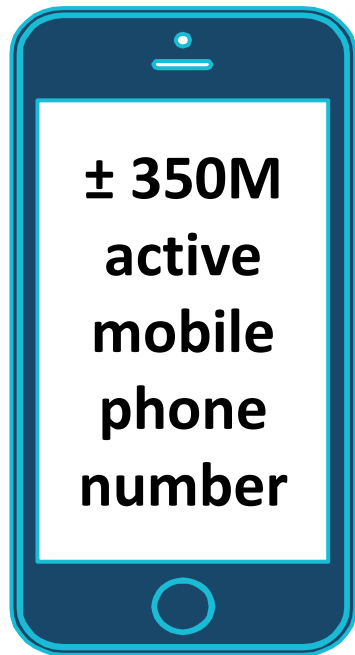
1. Limited segmentation
2. Privacy issues

Source: Commuter Survey (2014) and Twitter Data (2014)

Innovations

INNOVATIONS

3 Quick Facts of Mobile Positioning Data (MPD)



All numbers have to register based on Single Identification Number as in the personal ID Card

Challenges



CHALLENGES

- 1. Measuring non-voluntary migration**
- 2. Measuring international in-migration**
- 3. Adjustment of the 6-Month Enumeration Base To 12 -
Month Enumeration Base on defining population**

THANK YOU

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