



STATISTICS INDONESIA

# Toward a Data Driven Policy Agenda For Tourism

Global Forum on Tourism Statistics

**Titi Kanti Lestari**

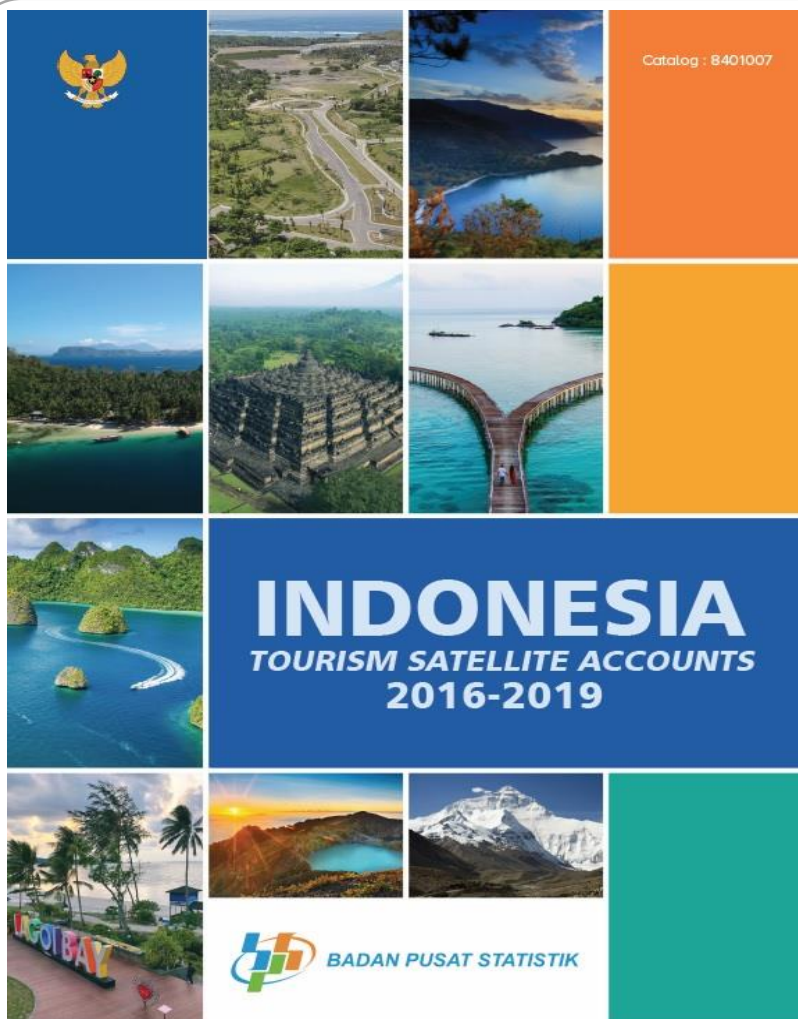


Seoul, 05 November 2021



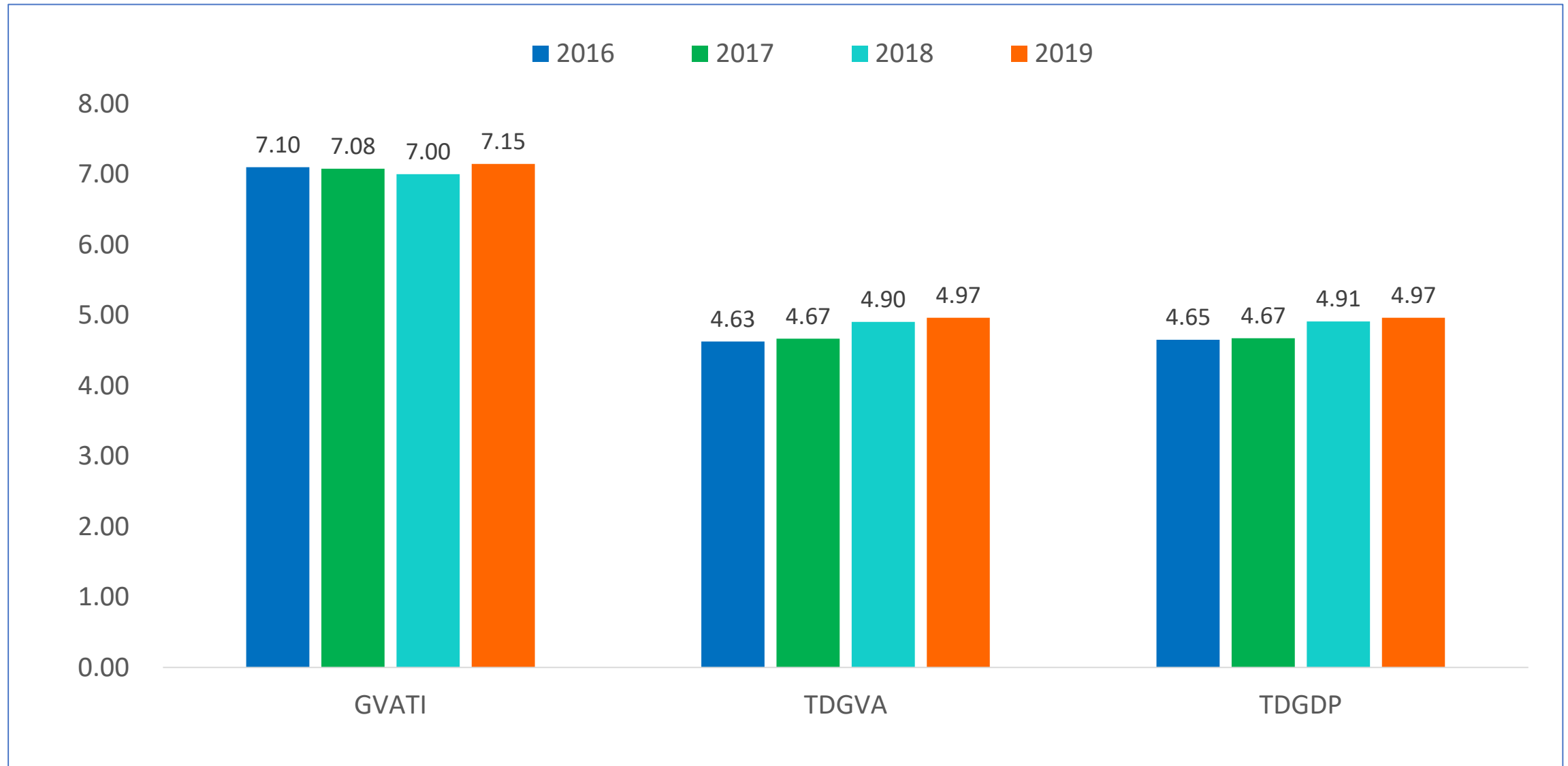


# MPD for Tourism Satellite Account



- ✓ SDG Goal 8 (Indicator 8.9.1 and 8.9.2)
- ✓ Linking with SEEA for Goal 12 (12.b.1)
- ✓ MPD give better coverage than household survey, better match with supply side in TSA Framework

## Contribution of Tourism in Indonesia, 2016 - 2019



# Mobile Phone Data can be used as

## Complement for other data sources

- ✓ Complement for immigration data (administrative data)
- ✓ Inbound tourism, when there is no immigration checkpoint, destination analysis
- ✓ Outbound tourism, to obtain country of destination and length of stay in each country

## Replacement for other data sources

- ✓ Domestic tourism, replacement of household survey
- ✓ Commuting, replacement of household survey
- ✓ Inbound tourism, replacement of shuttle trade (cross border) survey
- ✓ Event analysis, replacement of survey or ticket sales







# FILL IN THE GAPS

## *Use of Mobile Positioning Data for SDGs*

8 DECENT WORK AND ECONOMIC GROWTH



Target 8.9: By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products → **Immigration data** available for official gates, passport level and daily data → **Mobile Positioning Data (MPD)** used to increase coverage, granularity for tourism (inbound, domestic, outbound) statistics

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Target 12.b: By 2030, Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products → Arrival/Departure Card are no longer used → **MPD** used for sub-national data for tourism (inbound, domestic, outbound) statistics

10 REDUCED INEQUALITIES



Target 10.7: Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies → **Household survey** is only conducted every two years and not all municipalities → **MPD** used for commuting and internal migration, monthly and all municipalities

11 SUSTAINABLE CITIES AND COMMUNITIES



Target 11.a: Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning → No data → **MPD** for commuting and Metropolitan Statistics Area Estimation



# THANK YOU