

How to establish an ICT Indicator database in Indonesia

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Way forward

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Recommendations:

1. Define roles of each agency collecting ICT statistics
2. Strong commitment from all parties involved in the collection and dissemination of ICT statistics.
3. Coordinate (and cooperate) to avoid any duplication of data collection
4. Assign dedicated staff in POSTEL and BPS to work on ICT statistics/data.
5. Create a steering committee involving other agencies working on ICT statistics/issue to define needs for statistics (POSTEL, BPPT, BRTI, BPS, APJII, etc) and meet regularly to update data needs and developments
6. Check data available at operator level to see if there is a need to expand current data collection of the operators

I. Administrative data – Source: Operators and ISPs

1. Define the roles and responsibilities

a) **Roles**

- MCIT – define indicator needs for policy-making, working together with POSTEL and other interested parties, follow-up frequently on the implementation
- POSTEL – to collect the data from operators and disseminate country level data (submit data to ITU)
- Operators/ISPs – to provide data to POSTEL when requested

I. Administrative data – **Source: Operators and ISPs**

b. Data collection and verification (by POSTEL)

1. Inform operators of the reporting requirement at an earlier time (e.g. when issuing the license) to avoid any delay in data submission
2. Use a standard questionnaire (online) to facilitate data compilation from operators
3. Discuss with operators the definition of each indicator to ensure clear understanding of each item. For comparability use existing ITU definition as basis.

c. POSTEL develop an ICT statistical database and disseminate information online (country level data or provincial level data and non-confidential operators data)

d. Raising awareness (updates) by participating in regional and international workshops to discuss ICT indicators

Inside POSTEL

i) Define clearly the roles of each departments inside POSTEL collecting or disseminating different sets of telecom/ICTdata from operators and ISPs

- Planning -
- Telecom/Operations
- Informatics
- International Relations

Inside POSTEL

2. Identify one department or focal point that has the major responsibility for ICT data

- Clear and communicated mandate
- Strong ownership

Legal obligation

- POSTEL will ensure implementation of license provisions related to compliance to data submission. Clarify the data/indicators needed in advance.
 - If successful, there is no need for implementation of penalties
 - Otherwise, POSTEL may implement penalties for missing the deadlines, see example presented by Hong Kong for reference.
- Decide with operators in advance what indicators are confidential, and list them during data collection.

II. Survey-based data (BPS)

a. Roles:

- MCIT and POSTEL define statistical (indicator) needs for policy-making, working together with BPS and other interested parties
- BPS – to continue collecting access to, and use of ICTs by households and individuals (to **start using Core ICT Indicators from 2008**)

b. BPS **develop an online database** containing ICT access and usage statistics and **disseminate** the data online

c. **Raising awareness** (updates) by participating in regional and international workshops to discuss ICT indicators issues

Thank You

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