2013 CENSUS OF AGRICULTURE IN INDONESIA*)

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INTRODUCTION

Based on Statistics Law Number 16 year 1997, BPS-Statistics Indonesia has to carry out 3 types of censuses, i.e. Population Census, Agricultural Census, and Economic Census.


The agricultural census will be in the frame of the system of integrated censuses (2010 Population Census and 2013 Agricultural Census) and surveys.
PURPOSE OF AGRICULTURAL CENSUS

To provide core agricultural data at small area statistics for planning, monitoring, evaluating, and implementing government programs and stakeholders or users.

To build sampling frame for surveys in order to produce agricultural statistics at national and subnational levels.

To provide detail information and indicators that requested by ministries through surveys.
COVERAGE

All population of agricultural enterprises and households engaged in agricultural sectors

Covered food crops, horticultural crops, estates crops, livestocks, fisheries, and forestries

All provinces (33), districts/municipalities (497), villages (78000), 80000 cenus blocks in Indonesia
Indonesia has 237 millions peoples
(2010 Population Census)
# ACTIVITIES OF 2013 AGRICULTURAL CENSUS

<table>
<thead>
<tr>
<th>Year</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>Preparation of <em>Net Work Planning</em> and proposing budget</td>
</tr>
</tbody>
</table>
| 2011 | • Designing questionnaires, methodology, and field organization  
     • Test instruments |
| 2012 | • General rehearsal  
     • *Updating* establishment with legal entities (Instruments [ST2013-DPP2](#)) |
| 2013 | • Complete count agricultural population (Instruments [ST2013-P](#) and [ST2013-L](#)) 1- 31 May 2013  
     • Field enumeration for Farmers Income Survey (instrument [ST2013-SPP](#)) |
| 2014 | Field enumeration for Cost of Production Survey ([6 Subsectors](#)) (Food crops, horticultural crops, estate crops, livestocks, fisheries, and forestries). Social Economy Survey in the forest areas) *8 instruments* |
| 2015 | Analysis and Dissemination of the results of surveys |

*BPS-Statistics Indonesia*
## CENSUS METHODOLOGY

### DATA COLLECTION METHOD FOR COMPLETE COUNT

<table>
<thead>
<tr>
<th>Region</th>
<th>Type of Village</th>
<th>Geography</th>
<th>Strata</th>
<th>Data collection</th>
</tr>
</thead>
<tbody>
<tr>
<td>District/Kabupaten</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rural</td>
<td>Coastal Pantai</td>
<td>Konsentrasi Usaha Pertanian</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urban</td>
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</tr>
<tr>
<td></td>
<td>Coastal</td>
<td>Tidak Konsentrasi Usaha Pertanian</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Coastal</td>
<td>Snowballing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Municipality/Kota</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rural</td>
<td>Coastal Pantai</td>
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<td>Coastal</td>
<td>Snowballing</td>
<td></td>
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</tr>
</tbody>
</table>
FLOW OF ENUMERATION

1 – 31 May 2013

2010 Population Census
(67 millions households)

↓

Instrument ST2013-P
For identifying household engaged in agricultural sectors

+ Village map & Census Block map

Instrument ST2013-L
For collecting data in all households engaged in agricultural sectors (estimated around 28 millions)
FLOW OF ENUMERATION

Contracting Sampling Frame for Surveys

Sampling Frame for Farmer Income Survey and CoP Survey

Drawing samples

Instrument ST2013-SPP (Farmer Income Survey)

Instrument ST2013- 6 Subsectors (CoP Survey)

Instrument ST2013-SKH
(Socio-economic Survey in the forest areas)
Household is a person or a group of persons who live in physical/census building and usually live together and manage their foods in one kitchen.

Household engaged in agricultural sector is a household which at least one of members of household manage/rule/do business crops/ livestock/ fish with purposing for sale or changed and responsible to the business risk.

Agricultural industry will be classified by using ISIC.
COMODITY COVERED

All commodities covered can be converted in CPC

- Food crop (paddy, maize, cassava, sweet potatoes, soybean, peanut, greenbean)
- Horticultural crop (vegetables, fruits, medicine crops, ornament crops)
- Estaed crops (palm oil, clove, cacao, rubber, etc)
- Livestock (cow, buffalo, goat, chiken, etc)
- Fisheries (aquaculture and catching fish)
- Forestries (forest tree, wild animals, beast, etc)
### SAMPLE SIZE FOR SURVEYS

**Farmer Income Survey**  
418.060

**Cost of Production Survey:**

<table>
<thead>
<tr>
<th>Activities</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Subsector Paddy</td>
<td>90.460</td>
</tr>
<tr>
<td>2. Subsector Secondary Crops</td>
<td>165.540</td>
</tr>
<tr>
<td>3. Subsector Horticultural Crops</td>
<td>199.730</td>
</tr>
<tr>
<td>4. Subsector Estates</td>
<td>219.610</td>
</tr>
<tr>
<td>5. Subsector Livestock</td>
<td>184.870</td>
</tr>
<tr>
<td>6. Subsector Aquaculture</td>
<td>89.870</td>
</tr>
<tr>
<td>7. Subsector Catching Fish</td>
<td>60.000</td>
</tr>
<tr>
<td>8. Subsector Forestry</td>
<td>90.000</td>
</tr>
</tbody>
</table>

**Socio-economic Survey in the forest areas**  
100.000
Training will be conducted in three steps, i.e., National Instructors training, Local Instructors training, and Enumerators training.

National instructors training will be held in Jakarta and the participants come from the statistics local offices (provinces or districts). National instructor has to train the local instructor in province level. The local instructor has to train enumerators in district or subdistrict level.

All material for training (questionnaires and manual instructions) will provided by the census team at the Headquarter office.
CENSUS QUALITY ASSURANCE

Census campaign through radio, TV, newspaper, billboard, etc and cooperation with other ministries, farmer groups, agricultural associations

Field enumeration in every census block will be done by teamwork. One team consists of a team coordinator and 3 enumerators.

Monitoring quality has been planned and should be carried out by BPS's staffs from Head Quarter and province offices. Their findings shall be reported to the head of BPS District office via SMS and followed up immediately.

Post Enumeration Survey will be conducted by former instructors after collecting data by enumerators.
CENSUS DATA PROCESSING

The results of instrument ST2013-P will be entered in the district offices and ST2013-L will be scanned by scanner machines in the province offices and the Head Quarter Office.

Editing and validation data shall be done in every local offices. Clean data shall be sent to the Head Quarter Office periodically.

Tabulation evaluation will be done in the Head Quarter Office. Findings shall be verified by local office.
The census results will be analysed by researchers from universities and stakeholders.

Dessimination through website BPS-Statistics Indonesia including activities of census and surveys progress.

Directorate of Dessimination Statistics will serve any requested data.
THANK YOU