Ministry of Agriculture
Republic of Indonesia

Meeting of AMIS Global Market Information Group, Rome, 9-10 February 2012

Outline
- Introduction
- Organization of agricultural data and information
- Availability and sources of market information
- Dissemination and utilization
- The needs to strengthen agricultural market information system
- Concluding remarks

Introduction
Role of Agriculture:
- Food Security
- Source of income and employment
- Contribution to GDP
- Foreign exchange earning

Introduction (cont’d)
Four priority areas:
- self-sufficiency;
- food diversification;
- value added, competitiveness and export;
- farmers’ welfare

Introduction (cont’d)
Seven strategic policies:
- land expansion and utilization;
- seed production and utilization;
- infrastructures development and maintenance;
- human resource development;
- agricultural financing;
- development of farmers’ organization;
- development of technology and downstream industry

⇒ Require strong data and information support

Organization of Agricultural Data and Information
Coordinating Unit
- Center for Agricultural Data and Information System (CADE), Ministry of Agriculture
- Link to data units at all DGs within MoA and Agriculture Service at the Provinces and Districts
- Also link to other Ministries/Agencies: CBS, MoT, Central Bank, Land Agency (BPN), Meteorology & Climatology (BMKG), Space and Aeronotics (LAPAN)
a. Production

<table>
<thead>
<tr>
<th>Sub-Sector/ Commodity</th>
<th>Source</th>
<th>Method of data collection</th>
<th>Frequency</th>
<th>Region Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Crops: Paddy, maize, soybeans, nuts, mango, cassava, sweet potato</td>
<td>CBS Directorate General of Food Crops</td>
<td>Area report from sub-district, Yield-Crop cutting samples</td>
<td>Sub-round of (monthly) and annual</td>
<td>National and Provinces</td>
</tr>
<tr>
<td>Horticulture: Chili, onion, potato, carrot, banana, orange</td>
<td>CBS Directorate General of Horticulture</td>
<td>Report from sub-district units</td>
<td>Annual</td>
<td>National and Provinces</td>
</tr>
<tr>
<td>Estate Crops: Palm oil, rubber, coconut, cocoa, etc</td>
<td>Directorate General of Estate Crops</td>
<td>Reporting from sub-district units</td>
<td>Annual</td>
<td>National and Provinces</td>
</tr>
<tr>
<td>Livestock: Number of heads</td>
<td>Directorate General of Livestock and Animal Health</td>
<td>Reporting from sub-district</td>
<td>Annual</td>
<td>National and Provinces</td>
</tr>
</tbody>
</table>

b. Consumption/Utilization

<table>
<thead>
<tr>
<th>Commodities</th>
<th>Source</th>
<th>Method of data collection</th>
<th>Frequency</th>
<th>Region Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rice, Maize, cassava, sweet potatoes, peanuts, soybeans, potatoes, tomato, chilies, onion, garlic, cabbage, spinach, cucumber, mushroom, orange, mango, apples, avocado, lanzon, durian, zalacca, pineapple, banana, papaya, Watermelon, jack fruit, coconut, cane sugar, tea, coffee, cocoa, beef, buffalo meat, lamb, pork, broiler meat, local chicken meat, egg, milk, etc</td>
<td>CBS Statistics Indonesia</td>
<td>1. The National Socio-Economic Survey (Panel Survey), by direct interview to the household. 2. The reference period is one week prior to enumeration date.</td>
<td>Annual</td>
<td>National and Provinces</td>
</tr>
</tbody>
</table>

c. Trade (Export and Import)

<table>
<thead>
<tr>
<th>Sub-Sector Commodity</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Almost all of agricultural commodities</td>
<td>CBS-Statistics Indonesia</td>
<td>Report from the Custom Offices 1. Export Statistics are compiled based on the PEB document (export notification of goods) and PEBT document (export notification of certain goods). 2. Import Statistics are compiled based on the PB document. 3. Classification based on Harmonized System (HS) for tariff purpose.</td>
<td>Monthly and Annual</td>
<td>National</td>
</tr>
</tbody>
</table>
d. Prices

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Producer Price:</td>
<td>CBS</td>
<td>1. Two stage sample (district and sub-district of production center), by interview.</td>
<td>Monthly</td>
<td>Province and National</td>
</tr>
<tr>
<td>Paddy, corn, soybean, mungbean, peanuts, cassava, etc.</td>
<td></td>
<td>2. Producers Price: Sample of 3-4 farmers/sub-district.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. Consumers Price: Sample of the market sites in the sub-district and sample of 3-4 traders/sub-district</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumer Price:</td>
<td>Ministry of Trade</td>
<td>1. Report from enumerator at major markets in the province.</td>
<td>Daily</td>
<td>National and Province</td>
</tr>
<tr>
<td>232 Commodities</td>
<td></td>
<td>2. Sent by e-mail or fax to the Ministry of Trade.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rice, corn, soybean, mungbean, peanuts, cassava, sugar, frying oil, broiler meat, beef, broiler egg, chili and onion.</td>
<td>Ministry of Trade</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

e. Food Balance Sheet

<table>
<thead>
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<th>Region Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cereals (rice, corn etc.), tubers, vegetable oils (soybeans, peanut etc), vegetables, fruits, sugar, meat, milk, egg, oil and fat, fish, etc</td>
<td>Ministry of Agriculture</td>
<td>Accounting *</td>
<td>Annual, monthly (rice only)</td>
<td>National and Province</td>
</tr>
<tr>
<td>Food Availability :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FA = O - (S) + I - X - (F+S+M+W)</td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

Note: FA = Food Availability
O = Production
S = Changes in Stock (closing-open stock)
I = Import
W = Waste
M = Manufactured (Food and Non-Food)
X = Export
F = Feed
S = Seed

Dissemination and utilization

Electronic Publication
- Web site of the Ministry of Agriculture
- Agricultural statistics database

Printed publication
- Crops statistics
- Other statistics

Utilization For Policy Purposes

- Managed market economy
- Production estimate on Food Crops is used as an instrument to monitor the achievement of production targets => adjust necessary efforts
- Annual estimates of food balance sheets on rice, sugar, and beef => foundation to decide the quantity of import
- Monthly estimates of food balance sheet on rice, sugar, beef and other essential food => basic information to anticipate food logistic issues during major holiday seasons

Limitations/Constraints on Agricultural Market Information System

1. Lack of reliable data source for stock
2. Data reliability, particularly planted area
3. Low percentage of data reporting from the provinces and districts work units
4. Low capacity of officers in charge, on both technical and management aspects
5. Coordination and synchronization of data from different sources

The Needs to Strengthen Agricultural Market Information System

1. Capacity building on methods of data collection, management, and analysis
2. Improve coordination among work units in the central, provinces, and districts
3. Build better infrastructures
4. Expand networking with other countries, regional, and international organization
Concluding Remarks

- To develop evidence-based policy framework, we need accurate, timely and reliable data and information
- Continuous improvement of Data Center within MoA is needed to better collects, manage, analyze and disseminate market data and information
- Require capacity building program by the government in collaboration with international partners

Thank You