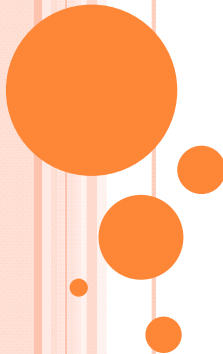


**THIRD RAP REGIONAL WORKSHOP ON  
BUILDING TRAINING RESOURCES FOR IMPROVING  
AGRICULTURAL AND RURAL STATISTICS:  
USE OF ADMINISTRATIVE RECORDS FOR PRODUCING  
AGRICULTURAL STATISTICS**



**Scope of  
Agricultural and Rural Statistics**



**AGRICULTURAL STATISTICS  
- SCOPE**

SIAP

## Scope – Agricultural Statistics

### AGRICULTURE



A broad definition:



aring (growing, taking care and helping propagation) of *domesticated plants and animals*.



**Includes:**



Cultivation (of crops, plantation, orchards & cultivated forest)

Animal husbandry

○ Fishery



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## Scope – Agricultural Statistics

### AGRICULTURE – STANDARD DEFINITION

- By activity: *ISIC Rev. 4 [p. 59]: Section A*
  - Group 011: cultivation of crops, market gardening, and horticulture.
  - Group 012: “farming of animals,” and
  - Group 013: mixed cultivation & animal farming

This a narrow definition by ‘activity’.

- By commodity: *CPC*

By activity: **broad definition** also includes:

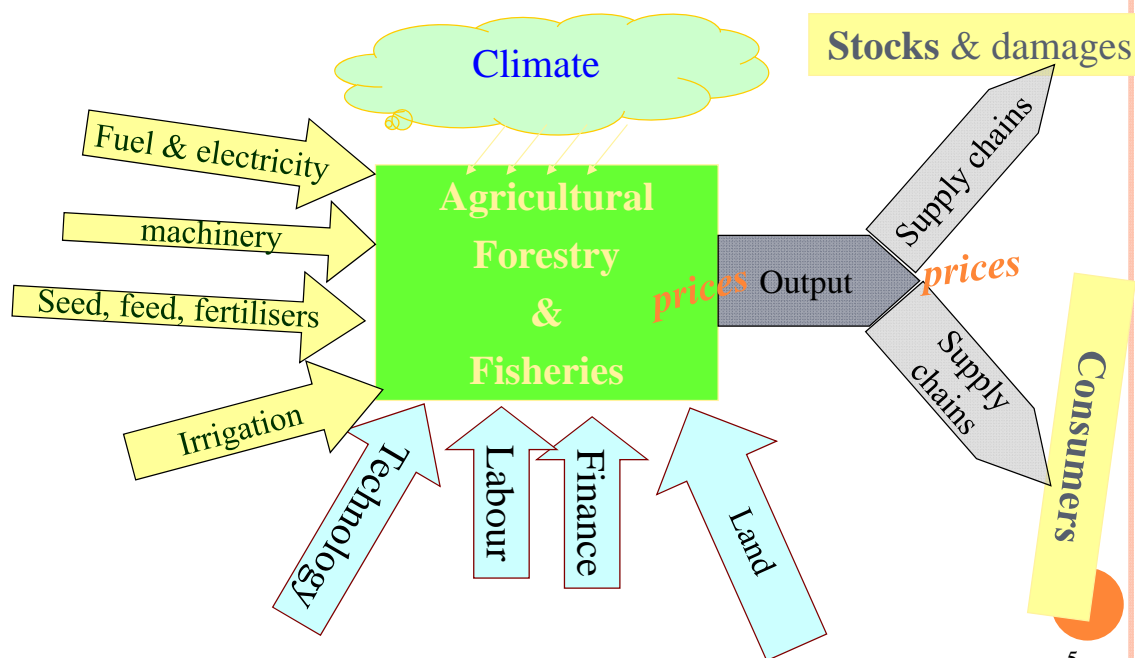
- Agroforestry and aquaculture



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## Scope – Agricultural Statistics

### Food and AGRICULTURE SYSTEM



## Scope – Agricultural Statistics

### FOOD & AGRICULTURAL SYSTEM

- **Factor Resources:**
  - Land,
  - Labour,
  - Finance (credit) and
  - Technological know how
- **Other resources:**
  - Infrastructure – irrigation, electricity supply, roads, communication etc.,
  - Machinery & livestock



## Scope – Agricultural Statistics

(CONTD.)

- Climate
- Inputs:
  - seed,
  - Fertilizers, manure and pesticides & insecticides
  - feed,
  - fuel / electricity
- Market:
  - distribution,
  - food supply chain & agro-processing,
  - **prices**
- Food stocks: post harvest losses and food wastage



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## Scope – Agricultural Statistics

### AGRICULTURAL STATISTICS - SCOPE

- The scope is based on the broader definition and relates to all dimensions of the system
- All kinds of quantitative information on these dimensions of the system fall within the scope
- It also includes characteristics of the units engaged in agricultural activities – **structure of agriculture.**



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## Constituents of Agricultural Statistics

### CONSTITUENTS OF AGRICULTURE STATISTICS

- **Structure of agriculture:** Census (at least decadal)
- **Production & consumption:** Current surveys (annual or seasonal)
- **Cost of cultivation:** use of inputs, agricultural labour wage rates
- **Agro-processing**
- **Market Information**
  - **Prices:** farm gate, wholesale, retail, indices, border
  - Market arrivals, quantities transacted, international trade



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## Constituents of Agricultural Statistics

### Constituents of Agriculture Statistics

- **Land use and use of other natural resources**
- **Infrastructure**
- **Finance** – rural / agricultural credit
- **Technology and stock of resources:** agricultural machinery and equipments
- **Analytical / derived statistics:**
  - Food balance sheets and food accounting matrices
  - Number of under-nourished & other Development indicators
- **Climate:**



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## SCOPE OF RURAL STATISTICS

SIAP

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### Scope – Rural Statistics

## ROLE OF AGRICULTURE AND RURAL SECTOR



- Resource function:
  - Provider of food, fodder, fiber (primary)
- Raw material for industry (secondary)
- Market for secondary and tertiary products
- Rural livelihood
- Rural infrastructure
- Environmental protection
  - two way relationship



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# RURAL STATISTICS

The coverage of ‘rural statistics’ in this context relates to level of living and living conditions of the rural population.

It includes statistics on rural population:

- Demographic
- Income and employment
- Level of living, including
  - Consumption level
  - Educational & health status and
  - Housing and dwelling conditions
- Rural infra-structure

