

## Indicator 2.3.1

### Indicator Name, Target and Goal

**Indicator 2.3.1** Volume of production per labour unit by classes of farming/pastoral/forestry enterprise size

**Target 2.3** By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment

**Goal 2** End hunger, achieve food security and improved nutrition and promote sustainable agriculture

### Definition and Rationale

#### ○ Definition

Agricultural gross income by agricultural management entity: The gross income earned by all agricultural management entities in one year of agricultural management per management entity, averaged across all farming types.

#### ○ Concepts

“Farming type” sorts the agricultural entities into the following categories: paddy field farming, upland field farming, outdoor grown vegetables, greenhouse grown vegetables, fruit farming, outdoor grown flowers, greenhouse grown flowers, dairy farming, breeding cattle, fattening cattle, pig farming, hen egg farming, broiler farming, and other farming.

“All agricultural management entities” refers to both individual and corporate management entities.

#### ○ Rationale and Interpretation:

In Japan, broad support is given to programmes, regardless of the scale of each programme. Therefore, while taking into consideration the data available in Japan, this indicator, which captures the productivity of agricultural management entities as a whole, will be used as a substitute indicator.

## Data Sources and Collection Method

Based on the Agricultural Management Statistics Survey (Management Statistics by Farming Type)

## Method of Computation and Other Methodological Considerations

### ○ Computation Method

$$GR = \frac{\sum_{i=1}^n WiXi}{\sum_{i=1}^n Wi}$$

GR= Agricultural gross income by agricultural management entity

Xi = Survey results of the tallied management entity No. i that belongs to the relevant category of individual and corporate management entities to be included in the tallies.

Wi = Weight of the tallied management entity No. i belonging to the relevant category of individual and corporate management entities.

N = the number of tallied management entities belonging to the relevant category of tallied individual and corporate management entities.

### ○ Comments and limitations

Since the statistical survey system of the Agricultural Management Statistics Survey was changed from fiscal year 2019, comparative indicators cannot be calculated from surveys of 2018 or earlier.

## Data Disaggregation

None

## References

Statistical information from the Ministry of Agriculture, Forestry and Fisheries  
<https://www.maff.go.jp/e/data/stat/index.html>

## Custodian Ministries of Data

Ministry of Agriculture, Forestry and Fisheries

## Custodian Ministries of Related Policies

Ministry of Agriculture, Forestry and Fisheries

## **International Organizations**

Food and Agriculture Organization of the United Nations (FAO)