

Japan - Census of Agriculture and Forestry 2020

Government of Japan, Ministry of Agriculture, Forestry and Fisheries

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Identification

SURVEY ID NUMBER

JPN_2020_CAF_v01_M_v01_A_ESS

TITLE

Census of Agriculture and Forestry 2020

TRANSLATED TITLE

2020農業・林業センサ

COUNTRY

Name	Country code
Japan	JPN

STUDY TYPE

Agricultural Census [ag/census]

SERIES INFORMATION

The first Census of Agriculture in Japan was conducted in 1929 and the second in 1950. Forestry data has been collected since the Census of Agriculture and Forestry 1960, and then, every ten years. Since 1995, the Census of Agriculture and Forestry has been conducted every five years.

ABSTRACT

The Census of Agriculture and Forestry aims to collect information on the structure and changes to the agriculture, forestry, and rural communities to provide statistics that are key for planning, formulation, and promotion of agricultural and forestry policies.

KIND OF DATA

Census/enumeration data [cen]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

The census scope covered agricultural (crop and animal cultivation) and forestry activities.

The questionnaire for agriculture and forestry management entities collected information on:

1. Overview of management entities
2. Labor force inside the agricultural management
3. Land
4. Agricultural cultivation
5. Agricultural product sales in the past year
6. Agricultural labor you were entrusted with (undertook) in the past year
7. Characteristic efforts of agricultural management
8. Business related to agricultural production
9. Forest land and forestry labor
10. Material production
11. Engagement in forest
12. Prefecture specific section

The questionnaire for rural areas (rural communities) collected information on:

1. Status of holding meetings and conducting local activities
2. Preservation of local resources
3. Presence/absence of producer's union

The questionnaire for rural areas (municipalities) collected information on:

1. Forest area/forest and grass area
2. Total land area

KEYWORDS

Keyword
Structure of Agriculture
Land use
Crops
Livestock and Poultry
Labor in the Agricultural Sector
Forestry

Coverage

GEOGRAPHIC COVERAGE

The Census of Agriculture and Forestry 2020 covered the entire country, except for holdings in Okuma and Futaba Town in Fukushima Prefecture (evacuation order areas).

UNIVERSE

The statistical unit for the Census of Agriculture and Forestry 2020 was the agriculture and forestry management entity (AFME), defined as the entity that produces agriculture or forestry products, or that is engaged in agriculture or forestry operations under consignment agreements.

The AFMEs were divided into:

- Agriculture management entities (AMEs)
- Forestry management entities (FME)

Among AMEs two types of entities were distinguished: individual management entities and organized management entities.

The following thresholds were established for the AFMEs:

- Holdings in which the cultivated land under management is over 30 ares (0.3 ha)
- Holdings above any of the following limits:
 1. Planted area for outdoor grown vegetables: 15 ares
 2. Cultivated area for greenhouse grown vegetables: 350 m²
 3. Cultivated area for fruit trees: 10 ares
 4. Cultivated area for outdoor green flowers: 10 ares
 5. Cultivated area for greenhouse grown flowers: 250 m²
 6. Number of milking cows: one head
 7. Number of fattening cattle: one head
 8. Number of pigs: 15 head
 9. Number of hens: 150 head
 10. Number of broiler chickens shipped each year: 1000 head
 11. Others: total sales of farm products equivalent to 500 000 yen or more during the one-year period up to the day before the survey period
- Holdings operating under a consignment agreement
- Holdings conducting forestry operations based on rights to carry out silviculture and deforesting (excluding acquisition for the sole purpose of deforesting standing trees and bamboo) for an area of forest land of 3 ha or more (hereinafter referred to as "owned forest land")
- Consigned forestation or production of raw materials or production of raw materials through the purchase of standing trees. For the production of raw materials, the use of the term is limited to those who produced over 200 m³ of material within one year prior to the date of the survey

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Government of Japan, Ministry of Agriculture, Forestry and Fisheries (農林水産省)

Sampling

SAMPLING PROCEDURE

The frame for the Census of Agriculture and Forestry 2020 was based on the list of AFMEs, after correcting it with administrative information. This list contains the names and addresses of individuals and organizations that are possible AFMEs. The census was conducted as a complete enumeration of the holdings in the sampling frame meeting the threshold requirements.

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2019-12-15	2020-02-28	Enumeration of agriculture and forestry management entities
2019-12-15	2020-06-30	Enumeration of rural areas

DATA COLLECTION MODE

Computer Assisted Telephone Interview [cati] Computer Assisted Web Interview [cawi] Mail Questionnaire [mail]

DATA COLLECTION NOTES

Approximately 141 000 enumerators and 10 000 supervisors were engaged in census operations for the collection of data from agricultural and forestry management entities (for holding-level data collection). Fifty-eight branch offices were in charge of conducting and inspecting the survey in rural areas (for community-level data collection).

The information from the AFMEs was collected via self-enumeration. Census questionnaires were dropped off at the respondents' addresses and collected by the enumerators or completed on-line. If enumerators had trouble visiting respondents (due to the outbreak of livestock infectious disease, etc), questionnaires were sent by mail.

The survey of rural areas in municipalities was conducted via self-enumeration using the mail-out/mail-back method or on-line (via e-mail). The survey of rural areas in rural communities was conducted via Computer Assisted Telephone Interviews (CATI) other than via mail-out/mail-back and on-line.

QUALITY ASSURANCE

Strategies to ensure data quality were: training of enumerators and municipalities, responses to inquiries, reminders to non-respondent, and outlier checks.

Questionnaires

QUESTIONNAIRES

Three questionnaires were used for data collection of the Census of Agriculture and Forestry 2020:

- Questionnaire for agriculture and forestry management entities (AFMEs)
- Questionnaire for rural areas (municipalities)
- Questionnaire for rural areas (rural communities)

Census questionnaires covered 15 out of 23 essential items recommended in the WCA 2020.

Data Processing

DATA EDITING

The program for data validation and tabulation was developed and operated by the Ministry of Agriculture, Forestry and Fisheries.

Access policy

CONTACTS

Name	Affiliation
Ministry of Agriculture, Forestry and Fisheries (農林水産省)	Government of Japan

ACCESS CONDITIONS

For additional information on data access and use, please contact the Ministry of Agriculture, Forestry and Fisheries.

Email: <https://www.contactus.maff.go.jp/j/form/kanbo/koho/160807.html>

Website: <http://www.maff.go.jp/e/>

Metadata production

DDI DOCUMENT ID

DDI_JPN_2020_CAF_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Ministry of Agriculture, Forestry and Fisheries (農林水産省)		Government of Japan	Metadata producer
Statistics Division	ESS	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

Data Dictionary

Data file	Cases	Variables
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