

# XI Forestry

## Explanation

Statistics on forestry households and owned forest area, forestry management entities, forest and grazing land area and forest resources, supply and demand, area of artificial afforestation, forest products, woody biomass, forest roads, and forestry management are recorded in this part.

Brief explanations for respective statistics are as follows:

### 1 Forestry Household and Owned Forest Area

"The Census of Agriculture and Forestry" by the Statistics Department of MAFF is recorded.

#### (1) Forestry Households

It means households which own and operate forests of one hectares or larger.

#### (2) Owned Forest

Forests that can be (and are) used for forestry management themselves.

Owned forest = belonging forest – forest rent to others + forest rented from others

##### a. Belonging Forest

It means forests that actually belong to the household.

This includes forest land that has been inherited or purchased forest land, even though the registration has not been completed yet. Furthermore, this category also includes forestry where semi-permanent usage is allowed in the common with permission to use by local dwellers.

##### b. Forest Rent to Others

It means a land with the surface rights established by others or a profit sharing forest (although land owner and afforester are different, profits are shared between the two parties) rent to others as a forest among the belonging forest.

##### c. Forest Rented from Others

It means forests of others with the surface rights established in order to independently use the forest as a forest and forest rented from others or the profit sharing forest. The forest owned in common with a divided land that is to be divided lent to others as a forest among the belonging forest.

### 2 Forestry Management Entities

It means the agriculture and forestry management entities which correspond to either of the following.

#### (1) The forestry on the scale whose owned forest area exceed three hectares.

#### (2) Consigned forestation and raw materials production, and crude matters manufacturing through the purchase of standing trees.

### 3 Forest and Grazing Land Area, and Forest Resources

"Census of Agriculture and Forestry" by the Statistics Department of MAFF is recorded.

#### (1) Forest and Grazing Land Area

It means a total area of current forest land area and the area of grazing land other than forest area, which is equivalent to the total area of the forest wood area and the fields in the land category specified in Article 99 of the Ordinance on Real Property Registration.

#### (2) Present Forest Area

It means the forest area that is calculated by adding the forest area other than the forest plan to the adjusted area of migrated forest after the establishment of the plan while setting Regional Forest Plan and

the forest plan at the time of the establishment of the forest plan of national forest classified by region as the standard.

(3) Area of Protection Forest

The data from Forestry Agency of MAFF is recorded.

It means area of protection forest that was designated to forest that require demonstration of the public functions such as nurturing of water resources, defense of disaster, etc. by the Minister of Agriculture, Forestry and Fisheries or the prefectural governor under the Forest Act.

(4) Forest Resources

The data from Forestry Agency of MAFF is recorded.

"Tree-grown area" means the forest that occupied area rate is 0.3 or more, other than cut-over area (vacant lot after cut-over or non-tree-grown area).

"Artificial forest" means the forest area that afforested by artificial planting or artificial sowing, furthermore ratio of target species of artificial planting or artificial sowing is 50% or more.

"Natural forest" means the forest area other than artificial forest of tree-grown area.

4 Supply and Demand

"Wood Supply and Demand Chart" by the Forestry Agency of MAFF is recorded.

This is compiled to clarify the situation of wood supply and demand.

5 Area of Artificial Afforestation

The data from the Forestry Agency of MAFF is recorded.

6 Forest Products

(1) Production of Logs, Supply and Demand of Logs

"Statistical survey on Lumber" by the Statistics Department of MAFF is recorded.

(2) Special Forest Products

"Special Forest Products" by the Statistics Department of MAFF is recorded.

It means the special forest products such as mushrooms, charcoal, the bamboo except the wood among products produced from the forest.

Besides, concerning the data of walnuts, though they have been deleted from the survey objects since 2000, the data was recorded in "VII Crops." They were compiled by using the findings from the "Specialty Fruit Tree Production Trend Survey" by the Agricultural Production Bureau of MAFF.

7 Woody Biomass

"Survey on Woody Biomass Energy Use Trend" by the Statistics Department of MAFF is recorded.

This survey is conducted to contribute to carry out the forest and forestry policies.

(1) Woody Biomass Energy

It means the energy which is generated by burning of woody biomass such as wood chip, woody pellet, fuelwood and wood powder (sawdust), etc.

(2) Steam Turbine System

It means the method of steam turbine system by burning woods.

(3) Organic Rankin Cycle System

It means the method of turbine system by using vaporized high polymer organism instead of steam.

8 Forest Road

The data from the Forestry Agency of MAFF is recorded.

## 9 Forestry Management

"Survey on Forestry Management" by the Statistics Department of MAFF is recorded.

This is conducted to clarify the actual situation such as management income and expenditure of the forestry management entities, which plant tree and produce materials.

Further, this survey has been done in every five years as the periodical investigation since the fiscal year of 2008.