

9. Forests & Forestry

~Striving to Restore and Create a Beautiful, Rich Culture of Trees and Forests~

○ 80% of Nagano's land is covered with abundant forests. They support various ecosystems, producing logs and other forest products and giving us blessings including clear water and air.

Red Pine (Chushin Area)



Larch (Toshin Area)



Hinoki cypress (Kiso Area)



Cedar (Hokushin/Nanshin Areas)



- 80% of Nagano's land (13,560km²) is covered with forests (10,590km²).
- Nagano's forest area is the 3rd largest after that of Hokkaido and Iwate.
- Larch, cedar, and red pine are the main varieties found in Nagano's forests.

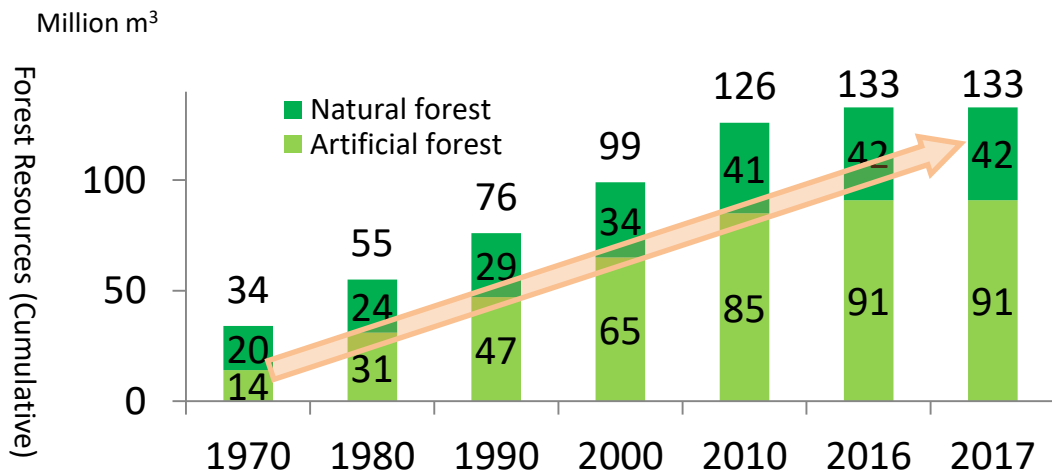
○Nagano: Home of Larch Trees

Various species of trees grow in Nagano, because its land stretches long from North to South. Larch trees are Nagano's leading variety, whose seedlings were already exported to Hokkaido, Korea and Europe during the Meiji Era.

~Enriched Life Impacting and Revitalized by Forests~

○ Overview of Nagano's Forestry and Wood Industry

Amount of forest resources (cumulative) is steadily increasing. The trend is shifting from the time of growing them to the time of utilizing them.



Source: Current Situation of Privately Owned Forests (Forestry Department, Nagano Prefecture)

Increased fourfold since 1970!



Forest maintenance is in progress.

○ Statistics of Nagano's Forests and Forestry

Total Forest Area	10,590km ²	No. of High Performance Forestry Machines	328
Forest Resources (Cumulative)	194 millionm ³	Material Production	442,000m ³
No. of Forestry Management Bodies	2,745	Raw <i>Shiitake</i> Production	1,492.8t
Total Length of Forest Roads	4,895 km	<i>Matsutake</i> Production	42.5t
No. of Forestry Cooperatives	18	Area of Forest Reserve	5,775.04km ²

Source: 2016 Forestry Statistics, Nagano Prefecture

Nagano's Efforts to Utilize Rich Forest Resources

Promoting "Nagano Model" Smart Precision Forestry with Industry & Academia

Utilizing the leading advanced forestry ICT technology of Shinshu University and the Northern Nagano Forestry Cooperative, Nagano Prefecture is working on utilizing airborne laser and co-developing an on-line information sharing system of lumber shipment to make forestry our promising industry.



Forest resource assessment using a drone



Real-time shipment tracking information of lumber



Promoting Effective Use of Nagano's Lumber

Creating new forestry through "NAGANO F Power Project"



Bird's-eye view of a lumber processing facility (Shiojiri City)

【Expected Effects】

- Creating new industry and employment of 400 people
- Creating continuous lumber demands for 200,000 m³ of material production
- Creating a local revitalization model through cogeneration

By effectively utilizing maturing forest resources, and returning the benefit to the forests, we will revitalize forestry and promote wood industry. We have been promoting NAGANO F Power Project since 2012 by building Nagano's first centralized lumber processing facility, and woody biomass power plants. to contribute to recycling-based society with small environmental load.

Nagano's Efforts to Utilize Rich Forest Resources

Promoting Forest Therapy

Nagano: Japan's Leading Forest Therapy Destination



- Out of 62 forest therapy centers in Japan, 10 are located in the forests in Nagano.

10 forest therapy centers are certified as forest therapy bases or forest therapy roads which are recognized as “medicinal.”

- We provide forest therapy guide trainings.

An expert organization held a seminar for therapy guides to improve their skills, with 134 participants.

- We promote forest therapy working with forestry/health/tourism/industry agencies.

We are industrializing forest therapy centering on health and tourist industries.

※ “Forest Therapy” is a registered trademark by an NPO Forest Therapy Society.

Promoting “NAGANO Wild Game Meat”

Promoting Nagano Wild Game to be an all-time favorite place for wild game meat

- Provide safe wild game

We produced 26 tons of venison at 33 meat processing facilities in Nagano, including Nagano Venison authorizing facilities. (2017)

- Enhance brand power

We held Nagano Wild Game Meat Fair with JR East, and promoted Nagano Wild Game Meat both in and outside Nagano (July 2017 ~ February 2018).

- Train NAGANO Wild Game Meat Masters

We trained 107 cooks who can demonstrate true tastiness of Nagano Wild Game Meat (2013 ~ 2017).



Wild Game Meat Fair (Nagano City)



Training Sessions for Masters