

Forest and Conservation Workers

SOC: 45-4011 • Career Profile Report

■ Key Facts

<div>\$43,680</div> <div>Median Salary</div>	<div>10,800</div> <div>Employment</div>	<div>-5.0%</div> <div>Growth Rate</div>
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■ Requirements & Salary Range

Education: High school diploma

■ Automation Risk Assessment

Medium Risk - 42.0% probability of being automated in the next 10-20 years.
This job has some routine elements but still requires human judgment and interaction.

■ Work-Life Balance

7.8/10 - Good work-life balance

■ Personality Fit (RIASEC)

Higher scores indicate better personality fit for this career type.

Realistic	9.0/10	Investigative	7.0/10
Artistic	3.8/10	Social	5.6/10
Enterprising	5.6/10	Conventional	6.2/10

■ Top Skills Required

Communication skills, Decision- making skills, Detail oriented, Listening skills, Physical stamina

✓ Strengths

- High Demand
- Flexible Work
- Continuous Learning

■ Challenges

- Burnout Risk
- Rapid Technological Change

■ What They Do

Forest and Conservation Workers typically perform the following tasks:

- Check equipment to ensure that it is operating properly.
- Fight forest fires or perform prescribed burning tasks under the direction of fire suppression officers or forestry technicians.
- Perform fire protection or suppression duties, such as constructing fire breaks or disposing of brush.
- Confer with other workers to discuss issues, such as safety, cutting heights, or work needs.
- Maintain tallies of trees examined and counted during tree marking or measuring efforts.
- Explain or enforce regulations regarding camping, vehicle use, fires, use of buildings, or sanitation.
- Operate skidders, bulldozers, or other prime movers to pull a variety of scarification or site preparation equipment over areas to be regenerated.
- Spray or inject vegetation with insecticides to kill insects or to protect against disease or with herbicides to reduce competing vegetation.
- Thin or space trees, using power thinning saws.
- Identify diseased or undesirable trees and remove them, using power saws or hand saws.
- Select or cut trees according to markings or sizes, types, or grades.
- Prune or shear tree tops or limbs to control growth, increase density, or improve shape.
- Maintain campsites or recreational areas, replenishing firewood or other supplies and cleaning kitchens or restrooms.
- Erect signs or fences, using posthole diggers, shovels, or other hand tools.
- Select tree seedlings, prepare the ground, or plant the trees in reforestation areas, using manual planting tools.
- Provide assistance to forest survey crews by clearing site-lines, holding measuring tools, or setting stakes.
- Sort tree seedlings, discarding substandard seedlings, according to standard charts or verbal instructions.
- Create field maps using geographic information systems technology.