



FORESTERS

Foresters manage public and private forested lands for economic, recreational, and conservation purposes. May inventory the type, amount, and location of standing timber, appraise the timber's worth, negotiate the purchase, and draw up contracts for procurement. May determine how to conserve wildlife habitats, creek beds, water quality, and soil stability, and how to best comply with environmental regulations. May devise plans for planting and growing new trees, monitor trees for healthy growth, and determine optimal harvesting schedules.



FORESTERS

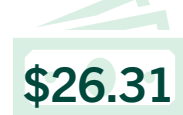
Current Jobs
in Maine,
across all sectors
(2022)



Job Openings per
Year in Maine,
across all sectors
(average 2022 -32)



Median Hourly
Wages
across all sectors
(2022)



Typical Entry Points

A Bachelor's degree is typically required, though Associates degree programs are also available. Summer internships or cooperative learning is often required for graduation.

Career & Tech. Education

- † Forestry
- † Wood Harvesting
- † Natural Resource Management
- † Agriscience



Associate's or Bachelor's Degree

- † Forestry
- † Forest Ecology
- † Forest Resources
- † Applied Forest Management



Experience in

Related Occupations

- † Conservation Scientists
- † Forest & Conservation Workers/Technicians



Forester Tech / Intern

Depending on the entry point, workers will likely be able to bring value to the role right away, while gaining the education and experience required to move towards certification.



Licensed Forester & Career Progression

With 1 -2 years of field experience plus a Bachelor's degree, workers can become certified by the State of Maine as a Licensed forester. From there, career progression can take multiple forms depending on interests, prior experience, and skill attainment. To advance, workers need 5-7+ years within the role and to demonstrate leadership, experience, and capabilities in one or more of the following areas.



Specialization

- † Planning
- † Harvesting
- † Silviculture
- † Industrial
- † Road Forestry
- † Technical
- † Outreach



Management

- † Team Lead
- † Supervisor
- † Manager
- † Area/District Manager



Related Fields

- † Sales
- † Procurement
- † Marketing



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Skills

- ♣ Active Listening
- ♣ Complex Problem Solving
- ♣ Critical Thinking
- ♣ Reading Comprehension
- ♣ Speaking

Typical Work Activities

- ♣ Getting Information
- ♣ Identifying Objects, Actions, and Events
- ♣ Organizing, Planning, and Prioritizing Work
- ♣ Communicating with Supervisors, Peer, or Subordinates
- ♣ Documenting/Recording Information

Typical Work Context

- ♣ Email
- ♣ Face-to-face discussions
- ♣ Telephone
- ♣ Freedom to make decision
- ♣ Some freedom with structured vs. unstructured work





Maine Employment Outlook 2022 - 2032

- 🌲 Current Jobs (2022): **61**
- 🌲 Projected Growth:
 - 🌲 -2% in Maine
 - 🌲 6% in the US
- 🌲 Hires (2022): **21**
- 🌲 Near-Term Retirements: **20 (33%)**
- 🌲 Average Annual Openings: **105***
- 🌲 Graduates in Maine (2021): **37**

**Average annual openings account for industry growth and worker replacements needed due to retirements or workers permanently leaving an occupation*

Job Preparation Needed: High

Typical requirements for entry:

- 🌲 Bachelor's Degree
- 🌲 No on-the-job training
- 🌲 No work experience required

Workforce Demographics

- 🌲 33% of workers are over the age of 55
- 🌲 2% BIPOC workers
- 🌲 11% female workers
- 🌲 National education attainment:
 - 🌲 76% Bachelor's degree
 - 🌲 19% Master's degree
 - 🌲 5% Doctoral or professional degree



Jobs Postings for Foresters in Maine

Top Job Titles: Forester | Professional Development Manager | Agricultural Specialist | Planning Manager | Harvesters

Specialized Skills:

- 🌲 Forestry
- 🌲 Forest Management
- 🌲 Surveying
- 🌲 Agriculture

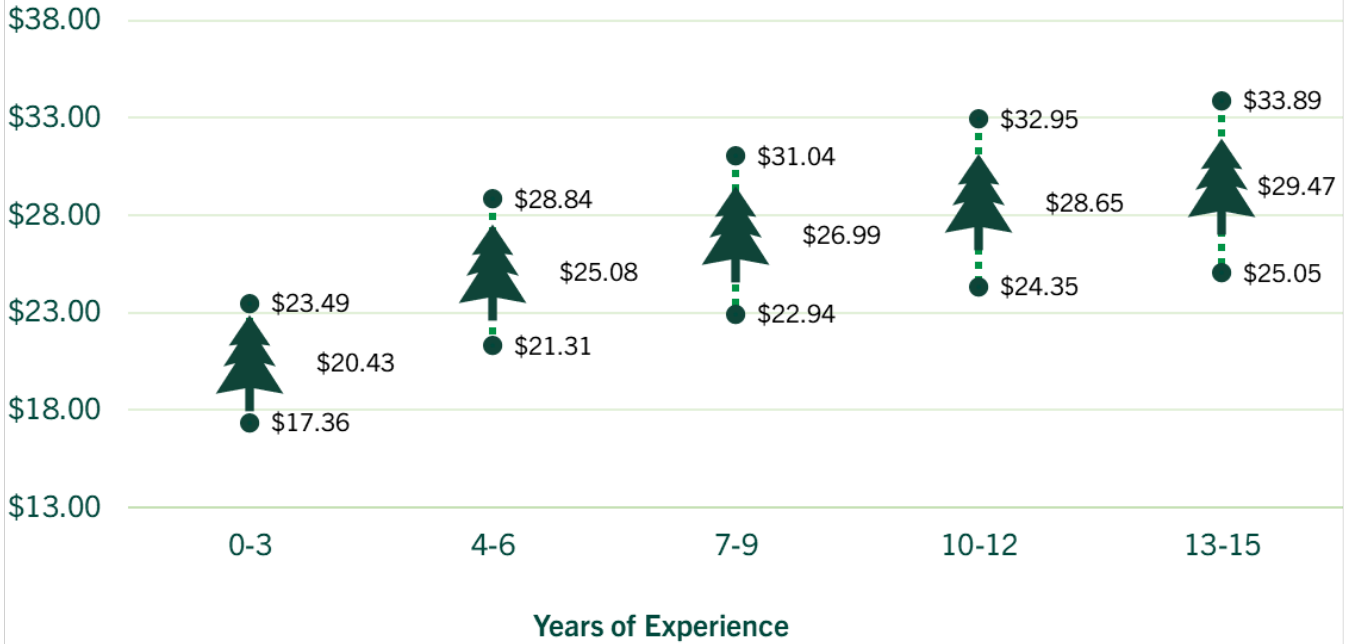
Qualifications:

- 🌲 Valid Driver's License
- 🌲 State of Maine Licensed Forestry

Wages by Years of Experience

Low (15% below median), Median, and High (15% above median)

Overall Median
Hourly Wage:
\$26.31



Top Compatible Occupations

The following occupations have comparable skills to *Foresters* based on the levels and importance of knowledge, skills, and abilities. This means workers in these occupations could easily transfer their competencies to work in the forest products sector.

- 🌲 Range Managers
- 🌲 Zoologists and Wildlife Biologists
- 🌲 Environmental Restoration Planners
- 🌲 Conservation Scientists
- 🌲 Energy Auditors



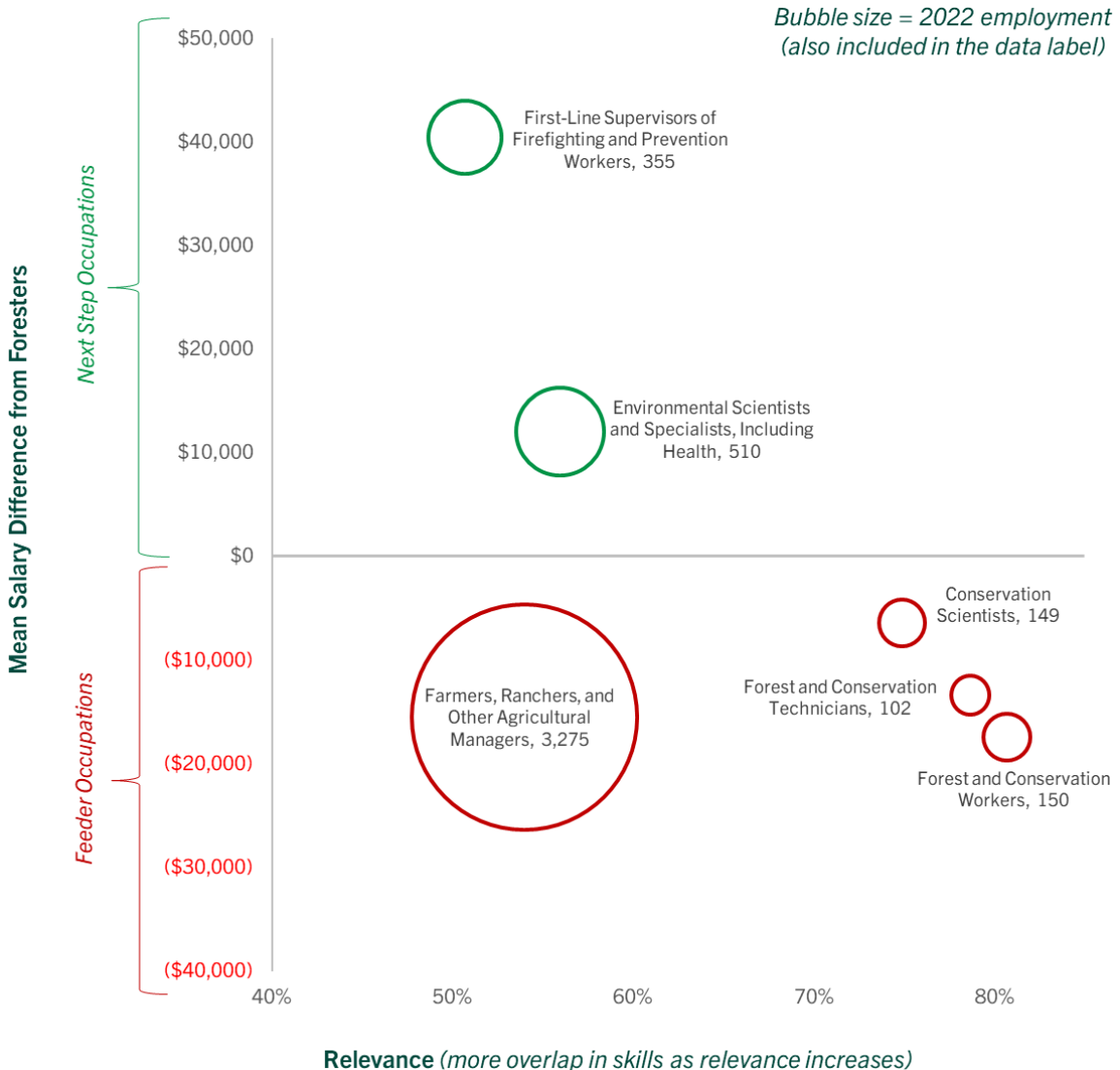
Feeder and Next Step Occupations

Related occupations are plotted based on their skills transferability to *Foresters* (the x axis) and their salary difference (the y axis, with \$0 indicating the occupation has the same salary as *Foresters*). Current employment in the occupation is represented by the bubble size (and in the data label) to indicate the size of the labor pool.

Feeder Occupations earn less than *Foresters*; therefore, becoming a *Forester* would represent upward mobility with minimal training. These are potential sources of labor that could be drawn from to meet demand for this occupation.



Next Step Occupations have higher wages than *Forester* and present opportunities for advancement with minimal upskilling.





Education and Training Providers

The following institutions provide training for *Foresters*:

Type	Institution	Location	Program	Relevant Industry Credentials & Certifications	Length
Career & Technical Education Programs	Caribou Technology Center	Caibou	Agriculture & Natural Resources	None listed	1-2 years
	Foster CTE Center	Farming-ton	Forestry	Certified Logging Professional Apprentice; Professional Logging Contractor; National Tractor Safety; OSHA-10; First Aid/CPR	
	Presque Isle Tech Center	Presque Isle	AgriScience & Natural Resources	None listed	
	Region 9 School of Applied Technology	Mexico	Forestry/Wood Harvesting	First Aid/CPR; OSHA-10; Certified Logging Professional; CDL Class A and/or B	
	Region 2 School of Applied Technology	Houlton	Forestry/Natural Resources	Certified Logging Professional Apprentice; Wildland Firefighting Certification; First Aid/CPR	
	St. John Valley Technology Center	Frenchville	Forest Resource Management	None listed	
Colleges & Universities	University of Maine	Fort Kent	Applied Forest Management	Associate, Forestry Minor	2 years
		Oronoco	Forestry	Bachelor of Science	4 years
	Forest Ecology		Bachelor of Science	4 years	
	Forestry		Master of Science	2 years	
	Unity College	Unity	Forest Resources	Master of Science or Ph.D.	2+ years
Wildland Fire Science and Management			Bachelor of Science	4 years	

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FORESTER TECH / INTERN

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Behavioral Skills

- ♣ Work ethic
- ♣ Willingness to learn
- ♣ Communication skills
- ♣ Ability to work in harsh conditions and remote or disconnected areas

Technical Skills

- ♣ GPS / GIS / In-woods navigation
- ♣ Familiarity with harvesting equipment
- ♣ Knowledge of tree species and environmental issues
- ♣ Surveying

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Avg. Hourly Salary Range: \$17.36 - \$33.89

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Behavioral Skills

- ♣ Work ethic
- ♣ Effective communication skills
- ♣ Ability to effectively manage others
- ♣ Ability to work in harsh conditions and remote or disconnected areas

Technical Skills

- ♣ Licensed Forester
- ♣ Knowledge of forest product markets
- ♣ Applied knowledge of tree species
- ♣ Ability to process regulatory permits and requirements
- ♣ Growth and yield modeling



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