



## 2019 Silviculture and Harvesting Cost Survey

The Forest Biometrics Research Institute and Western Forestry and Conservation Association are surveying Pacific Northwest foresters on the operating costs for growing and harvesting trees. We are looking to collect average costs for site prep, planting, brush control, precommercial thinning, and harvesting/hauling. All answers will be anonymous, grouped into averages, and not tied to any specific ownership.

**The compiled survey results will be available to anyone who requests them at the end of the survey. In addition, we plan to compare the 2019 survey data with data collected from two prior surveys. Survey respondents who have made a request for results, will also receive this cost trend analysis.**

We hope you will take the time to contribute information to this valuable set of data to establish a current baseline for operational forestry costs. If you have any questions regarding this survey, please contact Dan Opalach at (971) 940-2409 or [dan@forestbiometrics.org](mailto:dan@forestbiometrics.org).

Download and complete the survey on your computer. Save as a PDF and send to [richard@westernforestry.org](mailto:richard@westernforestry.org) with attached survey.

### 1. Number of gross forested acres your current budget is based on.

*Use this acreage as the basis for the remaining survey questions. Gross forested acres include roads, watercourse buffers, and productive timberland.*

### 2. Average annual administrative fixed cost per acre (use acreage from Question 1).

*Include salary, benefits, buildings, vehicles, roads, fire protection, insurance, maintenance, etc. Exclude regeneration, silvicultural practices, and harvesting & hauling.*

### 3. Average silviculture costs.

*If your organization does not rely a certain treatment, leave that table entry blank.*

Treatment	Average cost per treated acre (\$/acre) <i>include labor, equipment, and supplies</i>	Additional information regarding treatments
<b>3a.</b> Prescribed burning for site preparation		N/A
<b>3b.</b> Chemical site preparation		N/A
<b>3c.</b> Mechanical site preparation		N/A

<b>3d.</b> Tree planting—clearcut units		<b>3d-1.</b> How many trees per acre do you plant? _____ <b>3d-2.</b> What is the average price of the seedlings (\$/tree)? _____
<b>3e.</b> Tree planting—selection units		<b>3e-1.</b> How many trees per acre do you plant? _____ <b>3e-2.</b> What is the average price of the seedlings (\$/tree)? _____
<b>3f.</b> Post-planting brush control (the treatment used most often on the property)		<b>3f-1.</b> What type of treatment was this? ( <i>mechanical, herbicides, manual, other</i> ) _____
<b>3g.</b> Post-planting brush control (2 <sup>nd</sup> most used treatment)		<b>3g-1.</b> What type of treatment was this? ( <i>mechanical, herbicides, manual, other</i> ) _____
<b>3h.</b> Precommercial thinning		<b>3h-1.</b> Average number of trees removed per acre in precommercial thinnings? _____

**Comments for Question 3:**

**4. Harvest volume and cost information.**

*Average cost figures should include all costs associated with logging and hauling.\**

Harvesting Method	Volume Per Acre Harvested (gross MBF/acre)	Average Cost Per MBF (\$/MBF)	Average DIB of harvested logs (in.)
<b>Commercial Thinning</b>			
<b>4a.</b> ground-based			
<b>4b.</b> cable			
<b>Final Harvest (even-aged)</b>			
<b>4c.</b> ground-based			
<b>4d.</b> cable			
<b>Selection Harvest (uneven-aged)</b>			
<b>4e.</b> ground-based			
<b>4f.</b> cable			

*\* If you use other metrics based on cubic feet or tons, go ahead and provide that information and we will convert those data as needed.*

**Comments for Question 4:**

**5. Check the category that best fits your employer:**

<input type="checkbox"/> Public—federal
<input type="checkbox"/> Public—non-federal
<input type="checkbox"/> Private
<input type="checkbox"/> Tribal
<input type="checkbox"/> Management service/Consulting firm
<input type="checkbox"/> Non-governmental organization (NGO)
<input type="checkbox"/> None of the above; please specify <input type="text"/>

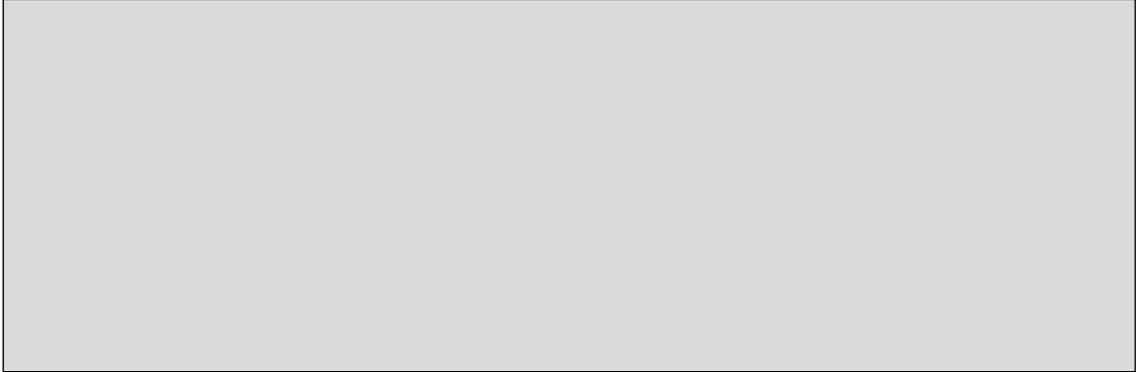
**6. Check the geographical area where your costs are based:**

<input type="checkbox"/> Northern California
<input type="checkbox"/> Westside Oregon or Washington
<input type="checkbox"/> Eastside Oregon or Washington
<input type="checkbox"/> Northern Idaho
<input type="checkbox"/> Montana
<input type="checkbox"/> None of the above; please specify <input type="text"/>

**7. Additional comments on any question:**

**8. If you would like to receive a summary and analysis of the survey results, list an email address for sending the report. *Results will only be sent to respondents who complete the survey.***

9. **Richard Zabel, Western Forestry and Conservation Association, and Dan Opalach, Forest Biometrics Research Institute, appreciate your time in completing this survey. Any questions and/or comments:**



**Save completed survey to your computer and return to [richard@westernforestry.org](mailto:richard@westernforestry.org).**

If you would like to print the completed survey please send it to: Richard Zabel  
Western Forestry & Conservation Association  
4033 SW Canyon Rd.  
Portland, OR 97221  
[richard@westernforestry.org](mailto:richard@westernforestry.org)