



NEZ PERCE-CLEARWATER-LOWER SALMON ACTIVE FOREST MANAGEMENT STRATEGY AREA

Introduction:

This document provides information about the Nez Perce-Clearwater-Lower Salmon Active Forest Management Strategy Area (AFMSA). It was generated by the Forest Industry Research Program of the Bureau of Business and Economic Research (BBER) at the University of Montana - Missoula. The mill survey data underlying these analyses were collected under joint venture agreements with the USDA Forest Service's Forest Inventory and Analysis program at the Pacific Northwest Research Station (#21-

JV-11261979-053) and Rocky Mountain Research Station (#20-JV-11221638-171). The landscape analyses and summary tables were developed under agreement #23-PA-11132400-368, and the residuals tables were developed under agreement #25-JV-11261936-106.

The data used in these analyses are the results of periodic censuses of each of the western states, as well as annual sample surveys of the same. Using data from both types of surveys allows us to provide time-series data, though it necessitates providing estimates as percentages rather than actual volume.

While BBER collects data at the mill level, mill-level data are confidential and will not be released.

Methods and Definitions:

The Nez Perce-Clearwater-Lower Salmon AFMSA covers a defined area that includes pieces of several counties. The combined area of the counties "touched" by this area constitutes its "Study Area" (for details, see fig. 1 and table 1). Defining a Study Area that covers entire counties is necessary to enable analysis, as the county is the smallest geographic area of mill survey data by BBER and FIA-TPO.

Further, BBER analysis of timber flow indicates that timber harvested within the Study Area is processed by facilities located both inside and outside this specific area. All counties that contain one or more facilities that process timber harvested within the Study Area constitute the "Timber Processing Area" (TPA) (for details, see fig. 1 and table 4).

In these tables, "capacity" refers to the maximum total volume of timber (excluding pulpwood and fuelwood) that existing timber processors could utilize annually, given firm market demand for products, sufficient raw material, and ordinary downtime for maintenance. Also known as "timber-processing capacity", it is a measure of mills' timber input capacity and is expressed in thousand board feet (MBF) Scribner and hundred cubic feet (CCF) per year. Input capacity is a useful measure when attempting to express the capacity of multiple types of mills in a common unit of measure. It is estimated from production (output) capacity information provided by facilities.

Estimates in these tables include the capacity of active facilities as well as idle (inactive) facilities with equipment still in place. Facilities that are permanently closed are not included. This analysis focuses on facilities that exclusively use timber in round form; this includes sawmills, veneer mills, and facilities processing timber into house logs/log homes, posts, small poles, utility poles, cedar products (e.g., shakes and shingles), and log furniture. Facilities (e.g., pulp mills, wood pellet manufacturers, and biomass energy facilities) that use a mix of roundwood and non-roundwood inputs (i.e., mill residuals such as chips, sawdust, shavings, and bark) are not included in the capacity analysis because the combination of roundwood and non-roundwood inputs can vary widely from year to year, potentially over- or under-estimating capacity and use of roundwood by substantial margins.

“Capability” refers to the volume of trees of a certain size class (measured as diameter at breast height, or dbh) that existing timber processors can economically process annually. The three dbh classes are <7”, 7” to 9.9”, and ≥10”. Some facilities are designed to operate using only trees of a given size class (e.g., veneer/ plywood plants typically only use trees ≥10” dbh, and post manufacturers primarily use trees <10” dbh). The capability of these facilities is readily classified into just one size class. Many facilities can use timber from more than one size class.

“Use” refers to the volume of timber, both in total and by tree dbh class, that facilities are currently using.

Nez Perce-Clearwater-Lower Salmon AFMSA

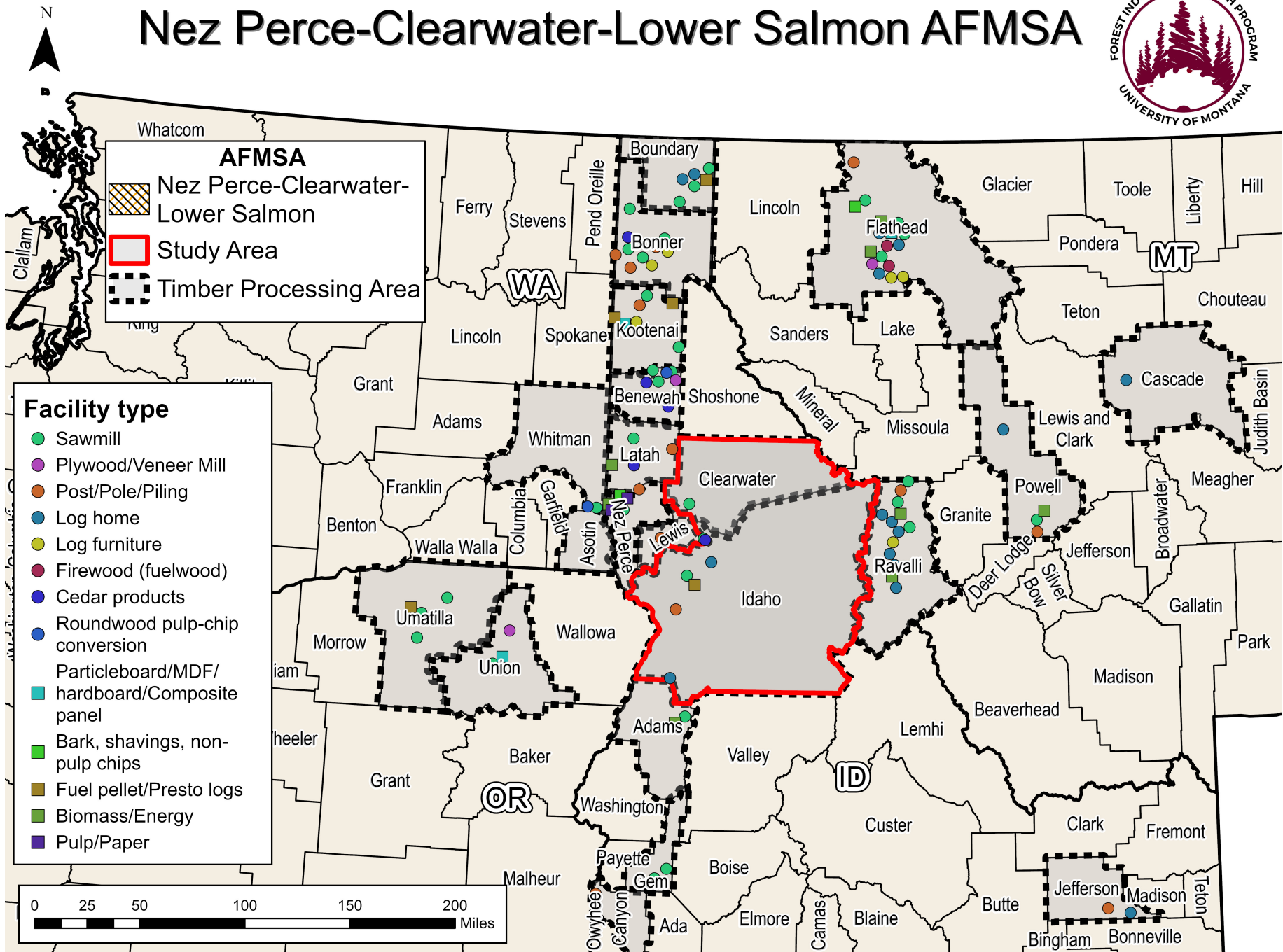


Figure 1. Nez Perce-Clearwater-Lower Salmon AFMSA landscape, Study Area, Timber Processing Area, and facility locations

NEZ PERCE-CLEARWATER-LOWER SALMON STUDY AREA COUNTIES

**Table 1. Nez Perce-Clearwater-Lower
Salmon Study Area counties**

County	State
Clearwater	ID
Idaho	ID

NEZ PERCE-CLEARWATER-LOWER SALMON STUDY AREA HARVEST

**Table 2. Timber harvest from the Nez Perce-Clearwater-Lower Salmon Study
Area counties (all ownerships), percentage by species (2020-2023)**

Species group	2020	2021	2022	2023
True firs	45%	52%	49%	46%
Douglas-fir	24%	24%	19%	25%
Cedars	14%	11%	15%	11%
Lodgepole pine	7%	4%	2%	1%
Ponderosa pine	3%	2%	7%	8%
Larch	3%	3%	6%	4%
Spruces	3%	0%	1%	2%
Hemlock	2%	2%	1%	1%
Other pines	0%	1%	1%	2%
All species	100%	100%	100%	100%

**Table 3. Percentage of timber harvest from national forest lands within the
Nez Perce-Clearwater-Lower Salmon Study Area, by timber product type
(2020-2023)**

Timber product type	-----Percentage from national forests-----			
	2020	2021	2022	2023
House logs	74%	68%	78%	81%
Posts/Poles/Furniture logs/Pilings/Utility poles	72%	47%	37%	73%
Sawlogs/Veneer logs	9%	5%	12%	17%
Cedar logs	1%	1%	1%	7%
Fiber logs	0%	0%	0%	0%
Study area total	9%	6%	11%	17%

NEZ PERCE-CLEARWATER-LOWER SALMON TIMBER- PROCESSING AREA COUNTIES

**Table 4. Nez Perce-Clearwater-Lower Salmon Timber-
processing Area (TPA) counties**

County	State
Adams	ID
Benewah	ID
Bonner	ID
Boundary	ID
Canyon	ID
Clearwater	ID
Gem	ID
Idaho	ID
Jefferson	ID
Kootenai	ID
Latah	ID
Lewis	ID
Nez Perce	ID
Cascade	MT
Flathead	MT
Ravalli	MT
Umatilla	OR
Union	OR
Asotin	WA
Whitman	WA

NEZ PERCE-CLEARWATER-LOWER SALMON TIMBER-PROCESSING AREA FACILITIES

Table 5. Timber-processing facilities within the Nez Perce-Clearwater-Lower Salmon TPA (2025)

Facility name	Status	Facility type	State	County	Input size class	Included in capacity analysis
Evergreen Forest Products - Tamarack Mill	Active	sawmill	Idaho	Adams	5000 MCF or more	yes
Evergreen Forests - Cogen	Active	biomass/energy	Idaho	Adams	No Roundwood	no
American Cedar	Active	cedar products	Idaho	Benewah	500 to 999 MCF	yes
DLM Shake	Active	cedar products	Idaho	Benewah	<250 MCF	yes
PotlatchDeltic--St Maries (lumber)	Active	sawmill	Idaho	Benewah	5000 MCF or more	yes
PotlatchDeltic--St. Maries (plywood)	Active	plywood/Veneer Mill	Idaho	Benewah	5000 MCF or more	yes
Roland Timber Company	Inactive	sawmill	Idaho	Benewah	<250 MCF	yes
Stimson Lumber Company (St. Maries)	Active	sawmill	Idaho	Benewah	5000 MCF or more	yes
Swan Lake Fiber	Active	roundwood pulp-chip conversion	Idaho	Benewah	1000 to 4999 MCF	yes
Barretts Busy B	Active	cedar products	Idaho	Bonner	<250 MCF	yes
Bell Lumber & Pole - Oldtown	Active	post/pole/piling	Idaho	Bonner	250 to 499 MCF	yes
Idaho Forest Group - Laclede	Active	sawmill	Idaho	Bonner	5000 MCF or more	yes
Johns Rough Cut	Active	log furniture	Idaho	Bonner	<250 MCF	yes
Misty Mountain Furniture	Active	log furniture	Idaho	Bonner	<250 MCF	yes
Panhandle Forest Products	Active	post/pole/piling	Idaho	Bonner	250 to 499 MCF	yes
Priest Lake Lumber Company, Inc.	Inactive	sawmill	Idaho	Bonner	<250 MCF	yes
Specialty Beams	Active	sawmill	Idaho	Bonner	<250 MCF	yes
Stella Jones - McFarland Cascade Sandpoint	Active	post/pole/piling	Idaho	Bonner	1000 to 4999 MCF	yes
Stimson Lumber Company (Priest River)	Active	sawmill	Idaho	Bonner	5000 MCF or more	yes
Alta Forest Products LLC	Active	sawmill	Idaho	Boundary	5000 MCF or more	yes
Caribou Creek Log & Timber	Active	log home	Idaho	Boundary	<250 MCF	yes
Idaho Forest Group - Moyie Springs	Active	sawmill	Idaho	Boundary	5000 MCF or more	yes
North Idaho Energy Logs, Inc.	Active	fuel pellet/presto logs	Idaho	Boundary	No Roundwood	no
Structures Unlimited, Inc.	Inactive	log home	Idaho	Boundary	<250 MCF	yes
Thick 'N' Thin Beams and Lumber	Active	sawmill	Idaho	Boundary	<250 MCF	yes
Parma Post & Pole, Inc.	Active	post/pole/piling	Idaho	Canyon	1000 to 4999 MCF	yes
Tri-Pro Cedar Products	Active	sawmill	Idaho	Clearwater	<250 MCF	yes
Gem House Logs Manufacturer	Active	log home	Idaho	Gem	<250 MCF	yes
Sweet Lumber Company	Active	sawmill	Idaho	Gem	<250 MCF	yes
Woodgrain Millworks - Emmett	Active	sawmill	Idaho	Gem	5000 MCF or more	yes
Frye Custom Log Homes	Active	log home	Idaho	Idaho	<250 MCF	yes
Idaho Forest Group - Grangeville	Active	sawmill	Idaho	Idaho	5000 MCF or more	yes
Pineda Post and Poles	Active	post/pole/piling	Idaho	Idaho	250 to 499 MCF	yes
Pleasant Valley Log Homes	Active	log home	Idaho	Idaho	250 to 499 MCF	yes
Rocky Canyon Pellets/Rosebud Horse Bedding	Active	fuel pellet/presto logs	Idaho	Idaho	No Roundwood	no
Cooley Brothers, Inc.	Active	post/pole/piling	Idaho	Jefferson	<250 MCF	yes
Yellowstone Log Homes	Active	log home	Idaho	Jefferson	250 to 499 MCF	yes
Idaho Forest Group - Chilco	Active	sawmill	Idaho	Kootenai	5000 MCF or more	yes
Lignetics, Inc.	Active	fuel pellet/presto logs	Idaho	Kootenai	No Roundwood	no
North Idaho Energy Logs, Inc	Active	fuel pellet/presto logs	Idaho	Kootenai	No Roundwood	no
North Idaho Log Furniture Co.	Active	log furniture	Idaho	Kootenai	<250 MCF	yes
North Idaho Post and Pole	Active	post/pole/piling	Idaho	Kootenai	<250 MCF	yes

Table 5. Timber-processing facilities within the Nez Perce-Clearwater-Lower Salmon TPA (2025), continued

Facility name	Status	Facility type	State	County	Input size class	Included in capacity analysis
Plummer Forest Products	Active	particleboard/MDF/hardboard/composite panel	Idaho	Kootenai	No Roundwood	no
Whiteman Lumber Company, Inc.	Active	sawmill	Idaho	Kootenai	500 to 999 MCF	yes
Bennett Lumber Products - Princeton ID	A	sawmill	Idaho	Latah	5000 MCF or more	yes
Idaho Cedar Sales LLC	A	cedar products	Idaho	Latah	500 to 999 MCF	yes
Stella-Jones - Julietta	A	post/pole/piling	Idaho	Latah	1000 to 4999 MCF	yes
Timber Works, Inc.	A	post/pole/piling	Idaho	Latah	<250 MCF	yes
University of Idaho Steam Plant	A	biomass/energy	Idaho	Latah	No Roundwood	no
Camas Post Yard	A	post/pole/piling	Idaho	Lewis	<250 MCF	yes
Empire Lumber Company - Weippe (sawmill)	A	sawmill	Idaho	Lewis	5000 MCF or more	yes
Star Cedar Sales, Inc.	A	cedar products	Idaho	Lewis	250 to 499 MCF	yes
Clearwater Paper - Co Gen	A	biomass/energy	Idaho	Nez Perce	No Roundwood	no
Clearwater Paper Corporation	A	pulp/paper	Idaho	Nez Perce	No Roundwood	no
Clearwater Paper Corporation Consumer Products Div	A	pulp/paper	Idaho	Nez Perce	No Roundwood	no
Ground Covers International	A	bark, shavings, non-pulp chips	Idaho	Nez Perce	No Roundwood	no
Idaho Forest Group - Lewiston	A	sawmill	Idaho	Nez Perce	5000 MCF or more	yes
Cascade Log Homes of Montana	A	log home	Montana	Cascade	<250 MCF	yes
Conkle's Custom Cuts	A	sawmill	Montana	Flathead	<250 MCF	yes
F H Stoltze Land & Lumber Co	A	sawmill	Montana	Flathead	5000 MCF or more	yes
F.H. Stoltze-co-gen facility	A	biomass/energy	Montana	Flathead	No Roundwood	no
Frontier Log Furniture	A	log furniture	Montana	Flathead	<250 MCF	yes
Glacier Gold, LLC	A	bark, shavings, non-pulp chips	Montana	Flathead	No Roundwood	no
Glacier High School	I	biomass/energy	Montana	Flathead	No Roundwood	no
Glacier Log Mill / Lazarus Log Homes	A	log home	Montana	Flathead	<250 MCF	yes
Kalispell Montana Log Homes, Inc.	A	log home	Montana	Flathead	<250 MCF	yes
Montana Timberline Firewood Co.	A	firewood (fuelwood)	Montana	Flathead	500 to 999 MCF	yes
Old Style Log Works, Inc.	A	log home	Montana	Flathead	<250 MCF	yes
RBM Logging & Lumber	A	sawmill	Montana	Flathead	250 to 499 MCF	yes
Simonson's Log Furniture	A	log furniture	Montana	Flathead	<250 MCF	yes
Stillwater Post & Pole	A	post/pole/piling	Montana	Flathead	500 to 999 MCF	yes
Weyerhaeuser - Columbia Falls MDF	A	particleboard/MDF/hardboard/composite panel	Montana	Flathead	1000 to 4999 MCF	yes
Weyerhaeuser Kalispell Lumber	A	sawmill	Montana	Flathead	5000 MCF or more	yes
Weyerhaeuser Kalispell Plywood	A	plywood/Veneer Mill	Montana	Flathead	5000 MCF or more	yes
Wild Montana Wood	A	firewood (fuelwood)	Montana	Flathead	500 to 999 MCF	yes
Bard Log Homes	A	log home	Montana	Powell	<250 MCF	yes
Deer Lodge Central Park Center/Elementary	I	biomass/energy	Montana	Powell	No Roundwood	no
Sun Mountain - Deer Lodge	A	sawmill	Montana	Powell	5000 MCF or more	yes
Trout Creek Log Homes	A	log home	Montana	Powell	<250 MCF	yes
Whispering Pines Pole Co. LLC	A	post/pole/piling	Montana	Powell	<250 MCF	yes
Bearly Making It	A	log furniture	Montana	Ravalli	<250 MCF	yes
Darby Public Schools	A	biomass/energy	Montana	Ravalli	<250 MCF	no
Finlay Lumber	A	sawmill	Montana	Ravalli	<250 MCF	yes
Frontier Posts, LLC	A	post/pole/piling	Montana	Ravalli	250 to 499 MCF	yes
Master Log Homes	A	log home	Montana	Ravalli	<250 MCF	yes
Montana Custom Log Homes Inc	A	log home	Montana	Ravalli	<250 MCF	yes

Table 5. Timber-processing facilities within the Nez Perce-Clearwater-Lower Salmon TPA (2025), continued

Facility name	Status	Facility type	State	County	Input size class	Included in capacity analysis
Montana Timber Structures	A	log home	Montana	Ravalli	<250 MCF	yes
R & S Milling	A	sawmill	Montana	Ravalli	250 to 499 MCF	yes
Rocky Mountain Log Homes	A	log home	Montana	Ravalli	250 to 499 MCF	yes
Rocky Mountain Log Homes - Victor	A	log home	Montana	Ravalli	<250 MCF	yes
Small Diameter Logs Company	A	log home	Montana	Ravalli	<250 MCF	yes
Valley Board & Beam	A	sawmill	Montana	Ravalli	<250 MCF	yes
Victor Public Schools	I	biomass/energy	Montana	Ravalli	No Roundwood	no
Blue Mountain Lumber Products LLC	A	sawmill	Oregon	Umatilla	1000 to 4999 MCF	yes
Blue Mountain Lumber Products LLC - Pellets	A	fuel pellet/presto logs	Oregon	Umatilla	No Roundwood	no
Eastern Oregon Custom Milling	A	sawmill	Oregon	Umatilla	<250 MCF	yes
Woodgrain Millwork - Pilot Rock	A	sawmill	Oregon	Umatilla	1000 to 4999 MCF	yes
Boise Cascade Elgin Plywood	A	plywood/Veneer Mill	Oregon	Union	5000 MCF or more	yes
Woodgrain - Particleboard	A	particleboard/MDF/hardboard/composite panel	Oregon	Union	No Roundwood	no
Woodgrain Millwork - La Grande	A	sawmill	Oregon	Union	1000 to 4999 MCF	yes
Clearwater Fiber LLC	A	roundwood pulp-chip conversion	Washington	Asotin	5000 MCF or more	yes
Bennett Lumber Products (Clarkston)	A	sawmill	Washington	Whitman	5000 MCF or more	yes

TIMBER RECEIVED BY TIMBER-PROCESSING FACILITIES IN THE NEZ PERCE-CLEARWATER-LOWER SALMON TIMBER-PROCESSING AREA

Table 6. Timber received by facilities in the Nez Perce-Clearwater-Lower Salmon TPA, percentage distribution by species (2020-2023)

Species group	2020	2021	2022	2023
Douglas-fir	37%	38%	37%	34%
True firs	21%	22%	22%	20%
Cedars	9%	9%	9%	9%
Hemlock	7%	7%	7%	10%
Ponderosa pine	7%	7%	9%	12%
Lodgepole pine	7%	6%	5%	4%
Larch	5%	5%	6%	5%
Spruces	4%	3%	3%	3%
Alder	3%	1%	2%	2%
Other pines	0%	1%	0%	1%
All species	100%	100%	100%	100%

Table 7. Percentage of timber from national forests received by facilities in the Nez Perce-Clearwater-Lower Salmon TPA, by timber product type (2020-2023)

Timber product type	-----Percentage from national forests-----			
	2020	2021	2022	2023
Sawlogs	11%	12%	12%	18%
Veneer logs	22%	15%	14%	32%
Posts/Poles/Furniture logs	84%	77%	82%	71%
House logs	30%	29%	47%	44%
Fiber logs/Energy wood logs	3%	3%	14%	8%
Firewood	46%	59%	80%	87%
Cedar logs	0%	0%	0%	10%
Pilings/Utility poles	0%	0%	0%	18%
Study area total	11%	12%	13%	19%

TIMBER-PROCESSING CAPACITY AND CAPABILITY OF TIMBER-PROCESSING FACILITIES WITHIN THE NEZ PERCE-CLEARWATER-LOWER SALMON TIMBER-PROCESSING AREA

Table 8. Timber-processing capacity and capability by tree dbh class of facilities in the Nez Perce-Clearwater-Lower Salmon TPA, by county or county group (2020, 2022, 2023)

Timber Processing Area	-----Thousand board feet, Scribner (MBF)-----			-----Hundred cubic feet (CCF)-----		
	<7 in. dbh	7 - 9.9 in. dbh	≥10 in. dbh	<7 in. dbh	7 - 9.9 in. dbh	≥10 in. dbh
Idaho	47,245	427,000	765,926	134,111	950,444	1,649,223
Adams, Canyon, Gem, Jefferson	1,278	20,274	68,994	10,012	46,389	148,478
Benewah	8,350	57,291	139,993	28,797	146,576	283,533
Bonner	5,051	67,211	98,169	12,424	147,005	212,998
Boundary	13,274	60,245	60,685	28,326	128,578	129,530
Clearwater, Idaho	3,963	63,897	106,890	15,257	140,609	229,784
Kootenai	14,161	62,753	67,100	32,360	134,831	143,192
Latah	959	23,693	88,168	5,290	52,864	207,759
Lewis, Nez Perce	210	71,637	135,928	1,646	153,591	293,949
Montana	16,772	82,145	154,006	46,706	206,705	358,093
Cascade, Flathead	7,925	49,174	117,274	21,986	126,322	270,430
Powell	6,744	29,661	29,651	17,111	74,365	74,197
Ravalli	2,104	3,311	7,081	7,610	6,018	13,465
Oregon	2	17,582	120,687	6	43,304	272,305
Umatilla, Union	2	17,582	120,687	6	43,304	272,305
Washington	9,926	27,685	17,348	38,542	98,298	52,559
Asotin, Whitman	9,926	27,685	17,348	38,542	98,298	52,559
Total	73,946	554,412	1,057,967	219,365	1,298,750	2,332,180

Table 9. Timber-processing capacity and capability by tree dbh class of facilities in the Nez Perce-Clearwater-Lower Salmon TPA, by timber product type (2020, 2022, 2023)

Timber product type	----Thousand board feet, Scribner (MBF)----			-----Hundred cubic feet (CCF)-----		
	<7 in. dbh	7 - 9.9 in. dbh	≥10 in. dbh	<7 in. dbh	7 - 9.9 in. dbh	≥10 in. dbh
Saw logs	54,170	504,236	793,248	120,881	1,112,166	1,744,406
Pulpwood logs	11,377	25,029	9,102	52,169	114,773	41,736
Post or poles	7,694	13,123	19,903	43,925	41,310	47,730
Firewood logs	554	4,989	-	1,680	15,117	-
Furniture logs	150	50	-	709	236	-
Veneer logs	-	-	193,290	-	-	383,690
House logs	-	5,843	20,743	-	11,406	43,529
Cedar logs	-	1,141	21,682	-	3,742	71,089
Total	73,946	554,412	1,057,967	219,365	1,298,750	2,332,180

Table 10. Total timber-processing capacity, timber consumption, and capacity utilization of facilities in the Nez Perce-Clearwater-Lower Salmon TPA, by dbh class (2020, 2022, 2023)

Tree dbh	----Capacity to process timber----		-----Timber consumption-----		Capacity utilization
	Thousand board feet, Scribner (MBF)	Hundred cubic feet (CCF)	Thousand board feet, Scribner (MBF)	Hundred cubic feet (CCF)	
<7 in.	73,946	219,365	10,070	46,238	21%
7 - 9.9 in.	554,412	1,298,750	175,977	442,458	34%
≥10 in.	1,057,967	2,332,180	1,136,847	2,480,253	106%
Total	1,686,325	3,850,295	1,322,893	2,968,949	77%

Table 11. Unused timber-processing capacity of facilities in the Nez Perce-Clearwater-Lower Salmon TPA, by county or county group (2020, 2022, 2023)

Timber Processing Area	Thousand board feet, Scribner (MBF)	Hundred cubic feet (CCF)
Idaho	238,710	58,134
Adams, Canyon, Gem, Jefferson	18,241	4,063
Benewah	23,575	8,382
Bonner	20,029	4,616
Boundary	34,769	7,423
Clearwater, Idaho	53,459	12,259
Kootenai	23,664	5,286
Latah	52,208	13,145
Lewis, Nez Perce	12,767	2,961
Montana	92,158	21,790
Cascade, Flathead	59,440	13,973
Powell	27,138	6,796
Ravalli	5,579	1,021
Oregon	22,646	5,172
Umatilla, Union	22,646	5,172
Washington	9,918	3,038
Asotin, Whitman	9,918	3,038
Total	363,431	88,135

Table 12. Unused timber-processing capacity of facilities in the Nez Perce-Clearwater-Lower Salmon TPA, by timber product type (2020, 2022, 2023)

Timber product type	Thousand board feet, Scribner (MBF)	Hundred cubic feet (CCF)
Saw logs	258,077	579,764
Veneer logs	38,507	80,783
Posts or poles	13,856	45,023
House logs	18,224	38,323
Pulpwood logs	15,736	75,214
Cedar logs	17,408	57,077
Firewood logs	1,496	4,534
Furniture logs	127	630
Total	363,431	881,347

RESIDUALS GENERATED BY TIMBER-PROCESSING FACILITIES IN THE NEZ PERCE-CLEARWATER-LOWER SALMON TIMBER-PROCESSING AREA

Table 13. Mill residuals generated by timber-processing facilities within the Nez Perce-Clearwater-Lower Salmon TPA (2020, 2022, 2023)

	BDUs ^a	Percent of total volume
Utilized residuals volume	1,816,498	99.76%
Unutilized residuals volume	4,347	0.24%
Total volume generated	1,820,845	100.00%

^a One bone dry unit (BDU) = 2,400 pounds of oven-dry wood or bark.

Table 14. Mill residuals generated by timber-processing facilities within the Nez Perce-Clearwater-Lower Salmon TPA, by type of residual (2020, 2022, 2023)

Type of residual	BDUs ^a	Percent of total volume
Coarse ^b	952,201	52%
Fine ^c	534,411	29%
Bark	334,232	18%
Total, all residual types	1,820,845	100%

^a One bone dry unit (BDU) = 2,400 pounds of oven-dry wood or bark.

^b Includes slabs, edgings, and trimmings from lumber manufacturing; log ends; pieces of veneer not suitable for manufacturing plywood; and plywood peeler cores not sawn into lumber.

^c Includes sawdust, peelings and shavings.

Table 15. Mill residuals generated by timber-processing facilities within the Nez Perce-Clearwater-Lower Salmon TPA, by type of utilization (2020, 2022, 2023)

Type of utilization	BDUs ^a	Percent of total volume
Fiber ^b	1,195,650	66%
Fuel ^c	447,234	25%
Sold as raw material for other products	124,169	7%
Mulch/soil additives	28,835	2%
Animal bedding	18,848	1%
Decorative landscaping	1,762	0%
Used on-site for other products	-	0%
Unused	4,347	0%
Total, all types of utilization	1,820,845	100%

^a One bone dry unit (BDU) = 2,400 pounds of oven-dry wood or bark.

^b Includes pulp, composite panels, and MDF.

^c Includes firewood, biomass, hogfuel, and pellets.