



1262147

Forest Service, U.S. Department of Agriculture
160 Holdsworth Way
Amherst, MA 01003

Form Approved
OMB 0596-0010
Expires: 2/28/2022

2021 PRIMARY WOOD USING MILL QUESTIONNAIRE



The objective of this survey is to collect and compile quantities and types of logs received by primary wood processing mills, and the disposal of mill residues resulting from the manufacturing or processing of wood products. While you are not required to respond, your cooperation is needed to make the results of the survey comprehensive, accurate, and timely.

Please provide information for the calendar year 2021 as completely and accurately as possible. If complete records are not available, please give your best estimates. If some questions do not apply to your operation, please skip and continue to the form's next item.

Individual mill information will be held strictly confidential with only industry data summarized at county and state levels available.

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: Department of Agriculture, Clearance Officer, OIRM, Room 404-W, Washington, DC 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB# 0596-0010), Washington, DC 20503.

If you have any questions, please use the contact information below:

Dave Haugen at 651-649-5137 if your mill is in CT, KS, MA, ND, OH, RI, VT, WI, WV

or

Mitch Slater at 651-649-5108 if your mill is in IN, MN, SD, NY

or

Ron Piva at 651-649-5150 if your mill is in DE, IL, IA, ME, MD, MI, MO, NE, NH, NJ, PA

1.1 Company Name and Address



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Please enter the mill information below

A. Mill Name

B. Mill Phone #

Mailing Address:

C. Street

D. City

E. State

F. Zip Code

G. Mill Website

H. Mill/Company Email

I. Parent Company Name (if different from "Mill Name" above)

Parent Company Mailing Address (if different from "Mailing Address" above):

J. Street

K. City

L. State

M. Zip Code

1.2 Mill's Physical Address (if different from Mailing Address above)

A. Street

B. City

C. State

D. Zip Code

1.3 Contact Information

A. Contact First Name

B. Contact Last Name

C. Contact Title

D. Contact Phone

E. Contact Email

1.4 Mill Type

A. Check the box that indicates the type of Roundwood received at the mill for processing. ***If more than one Mill Type operates at this site, complete a separate survey for each Mill Type. Refer to Section 3.1 for Products Produced by Mill Type.***

Sawmill Veneer Mill Industrial Fuelwood Cabin/House Mill Pole Mill Post Mill Piling Mill

Other/Miscellaneous Mill Type (specify): _____

1.5 Mill Status

A. What was the status of the mill in 2021?

Active Idle Closed/Out of Business Dismantled

B. Did the mill receive any raw material (logs/roundwood) in 2021?

Yes No **→** If **no**, there are no additional questions for you. Please just return the form in the postage-paid envelope provided.

1.6 Mill Information

A. How many employees (full-time equivalents) were working at the mill in 2021?

--	--	--	--

B. What is the annual output capacity of finished product for this mill when it is operating at full capacity?

Please round to a whole number & specify units

--	--	--	--	--	--	--	--	--	--

Units: _____

2.1 Total Volume of Roundwood Received in 2021



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A. What is the total volume of roundwood received for the "Mill Type" indicated in Section 1.4?

Exclude unprocessed logs or bolts sold/transferred to other domestic primary processing plants or exported out of the country.

Total Volume:

--	--	--	--	--	--	--	--

Unit of Measure (check one):

- | | |
|--|---|
| <input type="checkbox"/> MBF Doyle | <input type="checkbox"/> Standard Cord |
| <input type="checkbox"/> BF Doyle | <input type="checkbox"/> Lake States Cord (100 in.) |
| <input type="checkbox"/> MBF Scribner | <input type="checkbox"/> Pieces |
| <input type="checkbox"/> BF Scribner | <input type="checkbox"/> Thousand Pieces |
| <input type="checkbox"/> MBF Int'l 1/4 In. | <input type="checkbox"/> Green Tons |
| <input type="checkbox"/> BF Int'l 1/4 In. | <input type="checkbox"/> Thousand Cubic Ft. |
| <input type="checkbox"/> MBF Lumber Tally | <input type="checkbox"/> Other (specify below): _____ |
| <input type="checkbox"/> BF Lumber Tally | |

MBF = Thousand Board Feet

BF = Board Feet

B. If Unit of Measure is Green Tons or an "Other" weight, enter a whole number weight conversion factor below:

Softwoods

--	--	--	--	--

 lbs. per MBF

OR

--	--	--	--	--

 lbs. per Cord

Hardwoods

--	--	--	--	--

 lbs. per MBF

OR

--	--	--	--	--

 lbs. per Cord

2.2 Log Dimensions

A. What is the average log length (in feet) of wood received at the mill?

		.		ft.
--	--	---	--	-----

B. What is the average top diameter (in inches) of wood received at the mill?

		.		in.
--	--	---	--	-----

2.3 Non-forest Sources in 2021

A. Do you process any logs from cities or towns (urban areas) at your mill?

- Yes No Don't know/Unsure

B. If **yes**, what percentage of the total roundwood received was urban wood? *Round to a whole percent.*

			%
--	--	--	---

2.4 Species of Roundwood Received in 2021

A. Enter the volume of roundwood received by species & indicate Unit of Measure for the "Mill Type" checked in Section 1.4. *If providing Percent, calculate based on Total Volume from Section 2.1.*

B. Unit of Measure: Percent (%) Unit indicated in Sec. 2.1 Other Unit (specify): _____

Amount/Percent of Total Volume

	Ash
	Aspen/balsam poplar
	Basswood
	Beech
	Birch, white
	Birch, yellow
	Birch, other
	Cedar/Juniper
	Cherry, black
	Cottonwood
	Cypress
	Elm

Amount/Percent of Total Volume

	Fir, balsam
	Hemlock
	Hickory
	Maple, hard
	Maple, soft
	Red Oak Group
	White Oak Group
	Pine, Jack
	Pine, longleaf/slash
	Pine, loblolly/shortleaf
	Pine, ponderosa
	Pine, red

Amount/Percent of Total Volume

	Pine, white
	Pine, other
	Spruce
	Sweetgum
	Sycamore
	Tamarack
	Tupelo/blackgum
	Walnut, black
	Yellow-poplar
	Other HWs not listed
	Unknown/Undiff. HWs
	Unknown/Undiff. SWs
	Other → specify below: _____

HWs = Hardwoods, SWs = Softwoods, Undiff. = Undifferentiated.

C. What percent of the received roundwood came from the state where the mill is located?

			%
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c. What percent of the roundwood processed came from other States/Countries? *Please list State/Country on line provided.*

State/Country 1

			%
--	--	--	---

State/Country 3

			%
--	--	--	---

State/Country 2

			%
--	--	--	---

State/Country 4

			%
--	--	--	---

2.6 Exported Amounts in 2021



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A. Did the mill export any unprocessed logs out of the country in 2021?

- Yes
 No (skip to Section 3.1)

C. Unit of Measure?

- Unit of Measure indicated in Sec. 2.1
 Other Unit (specify below): _____

B. If **yes**, please enter species with associated amount exported, and indicate Unit of Measure to the right.

Species #1: _____	Amount #1: _____
Species #2: _____	Amount #2: _____
Species #3: _____	Amount #3: _____
Species #4: _____	Amount #4: _____
Species #5: _____	Amount #5: _____
Species #6: _____	Amount #6: _____

3.1 Products Produced from Logs Received in 2021

Enter the percent produced from logs received for the Products below associated with the "Mill Type" checked in Section 1.4 and for "Other/Miscellaneous" Products produced from logs received, where applicable. The total for each group should equal 100%.

Example: 75% Siding/25% Cants = 100% (Saw Logs), 100% Mulch = 100% (Other/Misc).

Saw Logs

<input type="text"/> <input type="text"/> <input type="text"/> Rough/Grade Lumber	<input type="text"/> <input type="text"/> <input type="text"/> Crane Mats
<input type="text"/> <input type="text"/> <input type="text"/> Dimension/Stud Lumber	<input type="text"/> <input type="text"/> <input type="text"/> Lath/Stakes
<input type="text"/> <input type="text"/> <input type="text"/> Molding or Trim	<input type="text"/> <input type="text"/> <input type="text"/> Cants
<input type="text"/> <input type="text"/> <input type="text"/> Siding	<input type="text"/> <input type="text"/> <input type="text"/> Flooring
<input type="text"/> <input type="text"/> <input type="text"/> Pallets/Pallet Lumber	<input type="text"/> <input type="text"/> <input type="text"/> Blocking/Dunnage
<input type="text"/> <input type="text"/> <input type="text"/> Timbers/Supports	<input type="text"/> <input type="text"/> <input type="text"/> Tight Stave/Cooperage
<input type="text"/> <input type="text"/> <input type="text"/> Ties (Railroad Ties)	<input type="text"/> <input type="text"/> <input type="text"/> Other Sawn Products
<input type="text"/> <input type="text"/> <input type="text"/> Landscape Timbers	
<input type="text"/> <input type="text"/> <input type="text"/> Furniture Stock	specify: _____

Veneer Logs

<input type="text"/> <input type="text"/> <input type="text"/> Sheathing
<input type="text"/> <input type="text"/> <input type="text"/> Plywood
<input type="text"/> <input type="text"/> <input type="text"/> Boxes
<input type="text"/> <input type="text"/> <input type="text"/> Veneer/Face Veneer
<input type="text"/> <input type="text"/> <input type="text"/> Other Veneer
specify: _____

Bioenergy/Fuelwood

<input type="text"/> <input type="text"/> <input type="text"/> Pellets - Residential Grade
<input type="text"/> <input type="text"/> <input type="text"/> Pellets - Torrefied
<input type="text"/> <input type="text"/> <input type="text"/> Pellets/briquettes - Industrial Grade
<input type="text"/> <input type="text"/> <input type="text"/> Pellets - Other
specify: _____
<input type="text"/> <input type="text"/> <input type="text"/> Industrial Fuelwood - Electricity/Power
<input type="text"/> <input type="text"/> <input type="text"/> Industrial Fuelwood (co-gen, steam, etc.)
<input type="text"/> <input type="text"/> <input type="text"/> Industrial Fuelwood - Heat/Steam
<input type="text"/> <input type="text"/> <input type="text"/> Other Energy Products
specify: _____

Post, Poles, & Pilings

<input type="text"/> <input type="text"/> <input type="text"/> Pilings
<input type="text"/> <input type="text"/> <input type="text"/> Poles - Utility
<input type="text"/> <input type="text"/> <input type="text"/> Poles - Other
<input type="text"/> <input type="text"/> <input type="text"/> Posts - Fencing
<input type="text"/> <input type="text"/> <input type="text"/> Posts - Other
<input type="text"/> <input type="text"/> <input type="text"/> Round Railings
<input type="text"/> <input type="text"/> <input type="text"/> Log Furniture
<input type="text"/> <input type="text"/> <input type="text"/> Other Post, Pole, Piling Product
specify: _____

House/Cabin Logs

<input type="text"/> <input type="text"/> <input type="text"/> Cabins/House Logs
<input type="text"/> <input type="text"/> <input type="text"/> Sawn House Logs
<input type="text"/> <input type="text"/> <input type="text"/> Turned House Logs
<input type="text"/> <input type="text"/> <input type="text"/> Hand-Peeled House Logs
<input type="text"/> <input type="text"/> <input type="text"/> Trusses/Other House Log Prod.
<input type="text"/> <input type="text"/> <input type="text"/> Other House/Cabin Logs
specify: _____

Other/Miscellaneous Products

<input type="text"/> <input type="text"/> <input type="text"/> Mulch, Soil Additives, Compost
<input type="text"/> <input type="text"/> <input type="text"/> Residential fuelwood
<input type="text"/> <input type="text"/> <input type="text"/> Split Rail Fencing
<input type="text"/> <input type="text"/> <input type="text"/> Shingles/Shakes
<input type="text"/> <input type="text"/> <input type="text"/> Shavings/Excelsior
<input type="text"/> <input type="text"/> <input type="text"/> Handles/Blanks
<input type="text"/> <input type="text"/> <input type="text"/> Dowels/Blanks
<input type="text"/> <input type="text"/> <input type="text"/> Novelty
<input type="text"/> <input type="text"/> <input type="text"/> Foreign Export Logs
<input type="text"/> <input type="text"/> <input type="text"/> Other
specify: _____

3.2 Mill Equipment



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Complete only for the single "Mill Type" checked in Section 1.4

A. What type of head saw is used at the mill?

Check **only** the primary head rig

Band Saw Gang Sawmill Chip-N-Saw Other (specify): _____

Circular Saw Scragg Sawmill Portable Band Saw None

B. What other equipment does the mill have?

Check all that apply

Veneer

Sliced Veneer Equipment Peeled Veneer Equipment

Other

Chipper Debarker Shaving Machine Wood-Fired Boiler Other (specify below): _____

Planer Dry Kiln Hammer Mill Treating Equipment None

Edger Post/Pole Peeler Firewood Processor Optimizer Equipment

3.3 Volume of Product Produced from Raw Material (Logs/Roundwood) Processed

Please enter the amount of *finished product* produced from the "Mill Type" checked in Section 1.4 by softwoods and hardwoods.

Softwoods

Products	Whole Number Amount	Unit of Measure (codes below)	Percent Dressed/ Planed (if sawn product)													
Saw Log Products	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	<table border="1"><tr><td> </td><td> </td><td> </td></tr></table> %			
Veneer Log Products	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	N/A			
House Logs	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	N/A			
Industrial Fuel-wood	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	N/A			
Posts, Poles, & Pilings	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	N/A			
Other - (i.e. Shavings)	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	N/A			

Hardwoods

Products	Whole Number Amount	Unit of Measure (codes below)	Percent Dressed/ Planed (if sawn product)													
Saw Log Products	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	<table border="1"><tr><td> </td><td> </td><td> </td></tr></table> %			
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Industrial Fuel-wood	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	N/A			
Posts, Poles, & Pilings	<table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>											<input type="checkbox"/>	N/A			
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Units of Measure

1 - Lumber Tally (MBF) 2 - Pieces 3 - Square Feet 4 - Other (specify): _____

4.1 Disposal of Bark and Wood Residues in 2021



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Enter the percent for each type of mill residue by softwoods and hardwoods and how it was disposed of, regardless of whether it was sold, given away, or paid to dispose. The columns should sum 100%.

Complete only for the single "Mill Type" checked in Section 1.4

- Example:

Hardwood bark - 50% Mulch, 50% Residential fuelwood

Hardwood coarse - 50% Pulp/Paper/Composite products, 50% Residential fuelwood

Hardwood Sawdust - 100% Animal bedding

Disposal of Mill Residues	BARK				COARSE (Chips, slabs, edgings, trims, cores, etc.)		FINE			
	BARK		COARSE		Shavings (Planer or Lathe)		Sawdust			
	Softwood %	Hardwood %	Softwood %	Hardwood %	Softwood %	Hardwood %	Softwood %	Hardwood %		
Manufacture of pulp/paper/composite products										
Small dimension and other sawn products										
Charcoal or chemical wood										
Industrial fuel at this plant										
Industrial fuel at other locations										
Bio-energy pellets										
Other bio-energy products (biodiesel, etc.)										
Residential fuelwood										
Mulch/soil additives (including biochar)										
Animal bedding										
NOT USED (land fill, burned, etc.)										
Other/misc. uses (specify below):										
	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Column Totals

4.2 Volume of Hog Fuel/Industrial Fuelwood Received in 2021

A. Did you receive any roundwood, in-woods chips, whole tree chips, or logging residues (not mill residues) at the mill that were used for hog fuel, heat, power, or dry kilns?

Complete only for the single "Mill Type" checked in Section 1.4

Yes No

B. If yes, enter amount by softwood & hardwood by origin. Indicate Unit of Measure of any roundwood, in-woods chips, whole tree chips, or logging residues that the mill received for hog fuel, heat, power, or dry kilns, at the mill.

State or foreign Country of Origin	Boiler/Hog Fuel Volume																Unit of Measure
	Softwood Enter amount in boxes below								Hardwood Enter amount in boxes below								Check one
																<input type="checkbox"/> Green Tons	
																<input type="checkbox"/> Thousand Cu. Ft.	
																<input type="checkbox"/> Dry Tons	
																<input type="checkbox"/> Other (Specify):	

5.1 Directory Inclusion & Results



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A. Would you like to omit the mill contact information from Regional/Statewide Industry Directories?
(This will not remove you from the list of mills that may be surveyed in the future)

Yes No

B. Would you like to receive a copy of the report resulting from this survey?

Yes No



C. If yes, what is the best way for us to get the results to you?

Mailing address provided in Section 1.1

Different address (specify): _____

Email (specify): _____

Notes and Comments

Please use the box below to record any information about the mill that may be helpful for interpreting your responses. Also, please use this space to add comments on any questions/sections that needed more instructions or were confusing, or if you have any suggestions on improving this questionnaire.

Thank you for participating in this survey!

Please return the questionnaire in the postage-paid envelope provided.