



Ohio Department of Natural Resources

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03/09/16

SAWMILL
MAILING ADDRESS
CITY, STATE, ZIP CODE

The Ohio DNR Division of Forestry is collecting information from primary wood-using industries to create a summary report of the variety and volume of wood products produced in Ohio. The report will include summary information on products, species, outputs per region, and utilization of mill residues. The data we collect will be shared with the US Forest Service who is our partner in creating this report. Data regarding your individual business will not be analyzed or made known on an individual basis. Please complete the enclosed survey form and return it to me by April 8, 2016. Use the following address or email:

Jason Van Houten
2045 Morse Rd.,
Building H-1
Columbus, OH 43229-6693
Jason.VanHouten@dnr.state.oh.us

If you are no longer in business please indicate this on the form, or let me know by phone or email.

This report will aid forest managers, forest industry, policymakers, and others, who evaluate trends in forest product removals, to make informed decisions about available forest resources and product output. This kind of information can be very helpful in educating the public about forest management and timber harvesting. Also those seeking specific products or product information will be able to use the report to narrow their search.

We are using a national mill canvass survey form in order to compare Ohio's product output to other states. Please read through the attached instructions before completing the form. Please contact me with any questions you may have concerning completion of the form, or about the use of the final report. If you prefer a phone interview, please let me know, and we can arrange a time.

Your help in making this report as complete and as accurate as possible is greatly appreciated.

Thank you,

A handwritten signature in blue ink, appearing to read "J. Van Houten", enclosed in a rectangular box.

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Instructions for "PRIMARY MILL QUESTIONNAIRE"

These instructions are provided to help you complete the "PRIMARY MILL QUESTIONNAIRE." The survey is designed to determine the:

- location, size, and composition of the primary wood using mills.
- volume of roundwood harvested by product, species, and geographic location in 2015.
- volume and disposition of wood residues generated during primary processing in 2015.

All reported volumes are confidential and will be used only for aggregated reporting. No individual mill production data will be released.

With your permission, other survey information may be used to develop state or regional "industry directories."

Your participation will help improve the accuracy of this report.

Raw Material (Logs/Roundwood) is defined as any log, bolt, or other round section (including chips from roundwood) cut from trees for industrial or consumer use, including saw logs, veneer logs, pulpwood, pilings, poles, posts, ties, mine timbers, and various other round, split, or hewn products.

Page 1 -- Primary Mill Survey - 2015

- * Fill in the "Mill name", mailing address, phone and fax numbers, company website and email if available.
- * Record the contact information for the owner, manager, or person that can be contacted if there are any questions concerning the information on the survey form.
- * Record physical mill address, if different from above, the name of the County in which the mill is located, and the Latitude and Longitude of the mill location, if known.
- * Check the "Mill Type" for each type of log/roundwood that is processed at the mill. If none are applicable, check the "Miscellaneous/other mill (specify):" and specify the mill type.
- * Indicate the "Mill Status", "Is this a portable mill?", "Number of employees-All:", and "Year mill established:"
- * If different than the "Mill name", enter the "Company name", mailing address, and phone and fax numbers.
- * Check box to "omit the above information from 'Regional/Statewide Industry' directories" if you DO NOT want mill name and contact information included in industry directories.
- * Check box if you wish to receive a copy of the report resulting from this study.
- * Check if Raw Material (Logs/Roundwood) was received and if it was processed at the mill.

Pages 2 -- Section 2 - Raw Material (Logs/Roundwood) Received and Processed at Mill, 2015

- * SECTION 2.1 - Check the type of Raw Material (Logs/Roundwood) processed at the mill. If more than 1 type of Raw Material (Logs/Roundwood) can be checked in Section 2.1, fill out separate Sections 2 and 4 for each, except for Raw Material (Logs/Roundwood) that the mill exports out of the Country, only SECTION 2 needs to be completed.
- * SECTION 2.2 - Enter the total amount of Raw Material (Logs/Roundwood) received and processed at the mill for the Raw Material (Logs/Roundwood) selected in Section 2.1, the Unit of Measure, the conversion factor if Unit of Measure is a weight scale, the Average Length Processed (in feet), and the Average Top Diameter (in inches).

(Continued on next page.)

Pages 2 -- Section 2 - Raw Material (Logs/Roundwood) Received and Processed at Mill, 2015 (Continued)

- * SECTION 2.3 - Indicate if actual amounts or percents will be used. Enter the amount or percent of each species group processed at the mill for the Raw Material (Logs/Roundwood) checked in Section 2.1. Across the columns at the top of the table, enter the State and county that the Raw Material (Logs/Roundwood) came from. Then fill in the table entering the amount or percent of each species that came from each county.

NOTE: For pulp mills, composite panel/engineered wood product mills, industrial fuelwood, or mulch mills -

- When **whole tree chip** receipts are recorded, please write "W" after the amount or percent that comes from **whole-tree chips**.

- When **peeled, flail de-barked logs**, or **peeled or flail de-barked chipped logs** receipts are recorded, please write "P" after the amount or percent.

Pages 3 (This page only needs to be completed once per mill)

- * SECTION 3.1 -- Check all the types of equipment in use at the mill.
- * SECTION 3.2 -- Check the types of products produced from logs or chipped logs.
- * SECTION 3.3 -- Please enter amount of mill product produced from each type of Raw Material (Logs/Roundwood) by softwoods and hardwoods. Example: the amount of softwood lumber that was processed from saw logs.
- * Check if you export finished product out of the Country. If 'YES', Enter the percent of the finished product exported out of the County.

Pages 4 -- Section 4—MILL RESIDUE and MILL RESIDUE USE for 2015

NOTE: This page does not need to be completed for volumes of logs exported out of the Country.

- * SECTION 4.1 - Check the type of Raw Material (Logs/Roundwood) processed from Page 2, section 2.1.
- * SECTION 4.2 - Enter the amount of mill residues that were generated by processing the type of Raw Material (Logs/Roundwood) from Page 2, Section 2.1 for each type of mill residue and for Softwoods and Hardwoods. Indicate the "Unit of Measure."
- * SECTION 4.3 - Indicate if whole logs or short log sections were chipped as mill residues and included in amounts in Page 2, Section 2.2.
- * SECTION 4.4 - Enter the percent for each type of "USE OF MILL RESIDUE" by the type of mill residue, and Softwoods and Hardwoods.

Page 5 - Section 5 —Plant Byproducts Received and Boiler/Hog fuel Received.

Note: This page is only for mills that use mill residue to produce product selected on Page 2, Section 2.1, OR those mills that receive wood material for boiler/hog fuel)

- * SECTION 5.1 Enter the amount of wood-using plant byproducts used in the production of this mill primary product selected on Page 2, Section 2.1, by State of origin, plant byproduct type, and Softwood and Hardwood. Check the "Unit of Measure".
DO NOT include wood material used for Boiler/hog fuel.
- * SECTION 5.2 Enter the amounts of whole-tree chips, in-woods chips, or tops and limb wood used for boiler/hog fuel, by State of origin, and Softwood and Hardwood. Check the "Unit of Measure".

PRIMARY MILL QUESTIONNAIRE - 2015

Section 1-Mill Information

Mill Name _____

Mill mailing address _____ City, ST Zip _____

Phone _____ Fax _____

Mill/Company Website _____ Company e-mail _____

Contact Name and Title _____ Contact Phone _____

Contact mailing address _____ City, ST Zip _____

Contact Fax _____ Contact e-mail _____

Mill physical location (if different from Mill mailing address)

Mill physical address _____ City, ST Zip _____

County of mill _____ Latitude _____ Longitude _____

Mill type (please check)

1-Sawmill 2-Veneer mill 3-Pulp or pulp/paper mill

4-Composite panel/Engineered wood product mill 5-Industrial fuelwood/Biomass/energy plant

6-House/cabin log mill 7-Piling mill 8-Pole mill 9-Post mill

11-Miscellaneous/other mill (specify): _____

Mill status (check) Active Idle Closed/Out of business New Dismantled

Is this a portable mill? YES NO

Number of employees-All: _____ Year mill established: _____

Company Name (if different from Mill Name): _____

Company mailing address (if different from Mill): _____

City, ST Zip _____

Phone _____ Fax _____

Instructions: This form is for reporting the quantities and types of logs received by this mill in 2015 and the disposal of plant residues resulting from the manufacturing or processing of wood products. **COMPLETE SECTIONS 2, 3 AND 4 FOR EACH TYPE OF RAW MATERIAL RECEIVED THAT IS NOT EXPORTED OUT OF THE U.S. COMPLETE SECTION 2 FOR EACH TYPE OF RAW MATERIAL EXPORTED OUT OF THE U.S.** If records are not available, please give your best estimates. This survey is voluntary. While you are not required to respond your cooperation is needed to make the results of the survey comprehensive, accurate, and timely. **ALL VOLUMES REPORTED WILL BE HELD CONFIDENTIAL AND WILL ONLY BE USED TO AGGREGATE TO THE COUNTY AND STATE LEVEL.**

- Check box to omit the above information from "Regional/Statewide Industry" Directories
- Check box if you wish to receive a copy of the report resulting from this study

During calendar year 2015

Was Raw Material (logs/roundwood)* received at this mill? YES NO

Was Raw Material (logs/roundwood) processed at this mill? YES NO

* see Instructions for definition of Raw Material (logs/roundwood).

Official Use Only:

Interviewers Name and Title: _____ Phone: _____ Date of Interview: _____

Interview type mail _____ phone _____ personal contact _____ e-mail _____

Section 2 - Raw Material (Logs/Roundwood) Received and Processed at Mill, 2015
 COMPLETE SECTIONS 2 AND 4 FOR EACH TYPE OF RAW MATERIAL (Logs/Roundwood) RECEIVED AND PROCESSED.
 For Raw Material EXPORTED OUT OF THE COUNTRY, only SECTION 2 (2.1, 2.2, and 2.3) needs to be completed.

2.1. Please check the type of Raw Material (Logs/Roundwood) Received and Processed (check one) (check product exported ONLY if exported OUT OF THE COUNTRY.)

<input type="checkbox"/> 1 - Saw logs	<input type="checkbox"/> 4 - Composite panel/engineered wood product	<input type="checkbox"/> 7 - Pilings	<input type="checkbox"/> 11 - Miscellaneous
<input type="checkbox"/> 1e - Saw logs exported	<input type="checkbox"/> 4e - Composite panel/engineered wood product exported	<input type="checkbox"/> 7e - Pilings exported	Specify: _____
<input type="checkbox"/> 2 - Veneer/plywood logs	<input type="checkbox"/> 5 - Bioenergy/fuelwood	<input type="checkbox"/> 8 - Poles	<input type="checkbox"/> 11e - Miscellaneous exported
<input type="checkbox"/> 2e - Veneer/plywood logs exported	<input type="checkbox"/> 5e - Bioenergy/fuelwood exported	<input type="checkbox"/> 8e - Poles exported	Specify: _____
<input type="checkbox"/> 3 - Pulp mill logs/chipped roundwood	<input type="checkbox"/> 6 - House/cabin logs	<input type="checkbox"/> 9 - Posts	
<input type="checkbox"/> 3e - Pulp mill logs/chipped roundwood exported	<input type="checkbox"/> 6e - House/cabin logs exported	<input type="checkbox"/> 9e - Posts exported	

2.2. Please enter the TOTAL amount of Raw Material (Logs/Roundwood) received and processed at the mill for the mill type checked in 2.1 above (Include wood from foreign countries)

Amount: _____	Softwood Unit of Measure (from list at right)	Hardwood Unit of Measure (from list at right)	If Unit of measure is a weight, enter Softwood Weight conversion factor ____ lbs. per MBF or ____ lbs. per cord	If Unit of measure is a weight, enter Hardwood Weight conversion factor ____ lbs. per MBF or ____ lbs. per cord	Average Log Length (in feet)	Average Log Top Diameter (in inches)	Units of Measure
							11 - MBF Doyle 1 - BF Doyle 13 - MBF Scribner Decimal C 3 - BF Scribner Decimal C 12 - MBF Scribner 2 - BF Scribner 15 - MBF International 1/4-inch rule 5 - BF International 1/4-inch rule
							16 - MBF Lumber tally 6 - BF Lumber Tally 21 - Standard cord 22 - Lake States cord (100 in.) 61 - Pieces 63 - Thousand pieces 31 - Green tons 43 - Thousand cubic feet 99 - Other (specify):

2.3. Enter the AMOUNT/PERCENT of the Species Group and the Origin of Raw Material (Logs/Roundwood) Received and Processed.
 (For amounts/volumes that come into the mill as whole tree chips or peeled or flail de-barked logs or chips. Enter a "W" after the amount/volume for whole tree chips. For peeled, or flail debarked roundwood or chips, enter a "P" after the amount/volume.)

Species Group Name	Code	Enter Amount _____ or Percent _____ (check one)	Enter County name, State abbrev. and AMOUNT or PERCENT (check one) of species group received from each county/state or foreign country										Total All Counties		
Cedars	1														100%
Cypress	2														
Balsam fir	4														100%
Hemlock	5														100%
Loblolly-shortleaf pine	8														100%
Red pine	12														100%
White pine	14														100%
Other pines	15														100%
Spruce	17														100%
Ash	19														100%
Aspen/balsam poplar	20														100%
Basswood	21														100%
Beech	22														100%
Yellow birch	23														100%
Other birch	24														100%
Black cherry	25														100%
Cottonwood	26														
Elm	27														100%
Hickory	28														100%
Maple - Hard maple	29														100%
Maple - Soft maple	30														100%
Oak - Red oak	131														100%
Oak - White oak	133														100%
Sweetgum	35														100%
Sycamore	36														100%
Tupelo/blackgum	37														100%
Black walnut	38														100%
Yellow-poplar	39														100%
Other: from list below															100%
Other: from list below															100%
Other hardwoods not listed	40														100%
Total All Spp Volumes OR 100%															

Other species

3 - Douglas - fir	6 - Tamarack/larch	9 - Lodgepole pine	11 - Ponderosa - Jeffrey pine	16 - Redwood	124 - White (paper) birch
	7 - Jack pine	10 - Longleaf-Slash pine	13 - Sugar pine	18 - Alder	

3.1. Check type of equipment in use.

Headsaw

- 111 - Band saw - Twin
- 112 - Band saw - Single
- 113 - Band saw - Quad
- 114 - Band saw - Other (specify)
Specify: _____
- 121 - Circular saw - Carriage
- 122 - Circular saw - Scragg
- 123 - Circular saw - Over-under
- 124 - Circular saw - Other (specify)
Specify: _____
- 131 - Chipping saw - Chip-n-saw
- 132 - Chipping saw - Side chipping

Resaw

- 211 - Band saw
- 212 - Band saw - horizontal

Resaw

- 213 - Band saw - vertical
- 214 - Band saw - gang
- 220 - Circular saw
- 221 - Circular saw - horizontal
- 222 - Circular saw - vertical
- 223 - Circular saw - gang
- 224 - Splitter

Other

- 301 - Slab chipper
- 302 - Chipper
- 303 - Planer
- 304 - Edger
- 305 - Debarker
- 306 - Sliced veneer equipment
- 307 - Peeled veneer equipment

Other

- 308 - Dry kiln
- 309 - Treating equipment
- 310 - Chip Canter
- 311 - Container
- 312 - Post/Pole Peeler
- 313 - Shaving machine
- 314 - Hammer mill
- 315 - Firewood Processor
- 316 - Wood-fired boiler
- 317 - Optimizer equipment
- 318 - Machine stress-rating
- 999 - Other - please specify
Specify: _____
- 999 - Other - please specify
Specify: _____

Section 3.2 -- Products produced from logs received in 2015.

Please check the types of products produced from logs, or chipped logs.

Saw logs

- 101 - Rough lumber
- 102 - Dimension or stud lumber
- 103 - Board and shop lumber
- 104 - Molding or select lumber
- 124 - Treated lumber
- 105 - Siding and trim
- 106 - Lumber (unspecified)
- 107 - Pallets
- 108 - Timbers/supports
- 109 - Ties (railroad ties)
- 110 - Landscape timbers
- 111 - Furniture stock
- 112 - Crane mats
- 113 - Lath/stakes
- 114 - Cants
- 115 - Flooring
- 116 - Blocking/dunnage
- 117 - Handles/blanks
- 118 - Dowels/blanks
- 119 - Barrels/staves
- 120 - Containers/boxes
- 122 - Tight stave/cooperage
- 123 - Slack stave/cooperage
- 121 - Other sawn products -
Specify: _____

Veneer logs

- 201 - Sheathing
- 202 - Matches
- 203 - Plywood
- 204 - Sticks
- 205 - Boxes
- 206 - Veneer/Face veneer
- 207 - Other veneer -
Specify: _____

Pulpwood

- 301 - Wood pulp
- 302 - Paper
- 305 - Corrugated medium
- 303 - Roofing material
- 306 - Insulation board
- 304 - Other pulp product -
Specify: _____

Composite products

- 401 - Oriented Strand Board (OSB)
- 402 - Particle board
- 403 - Wafer board
- 404 - Hardboard
- 405 - Medium density fiber board (MDF)
- 406 - Laminated veneer lumber (LVL)
- 407 - Other engineered product -
Specify: _____

Charcoal

- 520 - Charcoal/briquettes

Bioenergy/Fuelwood

- 500 - Industrial fuelwood (co-gen,steam,etc)
- 501 - Industrial fuelwood - electricity/power
- 502 - Industrial fuelwood - heat/steam
- 510 - Pellets
- 511 - Pellets - Residential grade
- 512 - Pellets - Torrefied
- 513 - Pellets/briquettes - Industrial grade
- 514 - Pellets - other(please specify)
- 530 - Pressed/reconstituted logs (Presto)
- 540 - Liquid fuels
- 541 - Liquid fuels - Ethanol
- 542 - Liquid fuels - Other (aviation fuel,etc)
- 550 - Other energy products -
Specify: _____

House logs

- 601 - Cabins/house logs
- 602 - Sawn house logs
- 603 - Turned house logs
- 604 - Hand-peeled house logs
- 605 - Finished log homes - sawn
- 606 - Finished log homes - turned
- 607 - Finished log homes - Hand peeled
- 608 - Vigas
- 609 - Latillas
- 610 - Trusses and other house log products

Post, poles, and pilings

- 701 - Pilings
- 801 - Poles-utility
- 802 - Poles-other
- 901 - Posts-fencing
- 902 - Posts-other
- 903 - Round railings
- 904 - Grape stakes
- 905 - Log furniture
- 307 - Other post, pole, piling product
Specify: _____

Other miscellaneous products

- 1101 - Mulch, soil additives, compost
- 1102 - Chemical extractives
- 1103 - Split rail fencing
- 1104 - Shingles/shakes
- 1105 - Shavings/excelsior
- 1106 - Novelty
- 1107 - Foreign Export logs
- 1108 - Other -
Specify: _____

Section 3.3 -- Volume of product produced from Raw Material (Logs/Roundwood) Processed in 2015.

Please enter amount of mill product produced in 2015 from each type of RAW MATERIAL (Logs/roundwood) by softwoods and hardwoods

	Softwoods			Hardwoods		
	Amount	Unit of Measure (codes below)	Percent Dressed/ Planed (If sawn product)	Amount	Unit of Measure (codes below)	Percent Dressed/ Planed (If sawn product)
Saw log products						
Veneer log products						
Pulp products						
Composite products						
Bioenergy/fuelwood						
House logs						
Posts, poles, and pilings						
Other - specify: _____						

Units of Measure

- 16 - Lumber Tally (MBF)
- 71 - Square Feet

- 61 - Pieces
- 98 - Thousand Tons of pulp

- 99 - Other (specify)
Specify: _____

Do you export finished product out of the Country? NO YES - Percent of finished product exported out of the Country: _____

