

## 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 in your state in *(year)*.
- volume of roundwood harvested by product, species, and geographic location in *(year)*.
- volume and disposition of wood residues generated during primary processing in *(year)*.

**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 for *(state)*.**

**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 - *(state)*, *(year)*

- \* 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, [YEAR]

- \* 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, [YEAR] (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 (year)**

**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 products 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 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 l used for boiler/hog fuel, by State of origin, and Softwood and Hardwood. Check the "Unit of Measure".



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State Agency or ?  
Forest Service, U.S. Department of Agriculture  
XXXXXXXXX Research Station or University  
Phone Number: (XXX) XXX-XXXX; Fax: (XXX) XXX-XXXX  
Street Number and Name  
City, State and Zip Code

Form Approved  
OMB 0596-0010  
Expires: 3/31/2013

### PRIMARY MILL QUESTIONNAIRE - (state), (year)

#### 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 *year* 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 [Survey\_Year]

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

Public reporting burden for this collection of information is estimated to average 50 minutes per response, including the time for reviewing instructions, 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.

**Section 2 - Raw Material (Logs/Roundwood) Received and Processed at Mill, [YEAR]**

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"/> 1e - Saw logs exported	<input type="checkbox"/> 4e - Composite panel/engineered wood product exported	<input type="checkbox"/> 7e - Pilings exported
<input type="checkbox"/> 2 - Veneer/plywood logs		<input type="checkbox"/> 11 - Miscellaneous Specify: _____
<input type="checkbox"/> 2e - Veneer/plywood logs exported	<input type="checkbox"/> 5 - Bioenergy/fuelwood	<input type="checkbox"/> 11e - Miscellaneous exported Specify: _____
<input type="checkbox"/> 3 - Pulp mill logs/ chipped roundwood	<input type="checkbox"/> 5e - Bioenergy/fuelwood exported	
<input type="checkbox"/> 3e - Pulp mill logs/ chipped roundwood exported	<input type="checkbox"/> 6 - House/cabin logs	
	<input type="checkbox"/> 6e - House/cabin logs exported	<input type="checkbox"/> 9 - Posts
		<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 typed 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 <b>Softwood Weight conversion factor</b>	If Unit of measure is a weight, enter <b>Hardwood Weight conversion factor</b>	Average Log Length (in feet)	Average Log Top Diameter (in inches)	Units of Measure
			____lbs. per MBF or ____lbs. per cord	____lbs. per MBF or ____lbs. per cord			11 - MBF Doyle 6 - BF Lumber Tally 1 - BF Doyle 21 - Standard cord 13 - MBF Scribner Decimal C 22 - Lake States cord (100 in.) 3 - BF Scribner Decimal C 61 - Pieces 12 - MBF Scribner 63 - Thousand pieces 2 - BF Scribner 31 - Green tons 15 - MBF International ¼-inch rule 43 - Thousand cubic feet 5 - BF International ¼-inch rule 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															100%
Loblolly-Shortleaf pine	8															100%
Longleaf-Slash pine	10															100%
White pine	14															100%
Ash	19															100%
Black cherry	25															100%
Black walnut	38															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/black gum	37															100%
Yellow-poplar	39															100%
Other: from list below																100%
Other: from list below																100%
Other hardwoods not listed	40															100%
<b>Total All Spp Volumes OR 100%</b>																100%

**Other species**

3 - Douglas - fir	6 - Tamarack/larch	11 - Ponderosa - Jeffrey pine	15 - Other pines	18 - Alder	22 - Beech	24 - Other birch
4 - True firs/balsam fir	7 - Jack pine	12 - Red pine	16 - Redwood	20 - Aspen/balsam poplar	23 - Yellow birch	26 - Cottonwood
5 - Hemlock	9 - Lodgepole pine	13 - Sugar pine	17 - Spruce	21 - Basswood	124 - White (paper) birch	27 - Elm



**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 year.**

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 (year).**

Please enter amount of mill product produced in (year) 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: \_\_\_\_\_



NOT USED (land fill, burned, etc)	99										
<b>TOTAL</b>		<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

