Bureau of Business and Economic Research OMB No. 0596-0010

Gallagher Business Building, Room 231 Expires 3-31-13

The University of Montana

Missoula, Montana 59812-6840

#### STATE YEAR--Biomass

**Forest Industries Data Collection System**

GENERAL INSTRUCTIONS

The objective of this survey is to collect and compile basic data on the source and volume of raw materials used by the forest products industry in STATE and the volumes and types of finished wood products produced in the state. Figures from individual firms will be held strictly confidential. Only summarized data for the industry and for geographic areas will be made available. This report is authorized by Public Law 98‑378. While you are not required to respond, your cooperation is needed to make the results of this study comprehensive, accurate, and timely.

Please fill out the attached questionnaire as completely and accurately as you can. Some of the items may not apply to your firm's operations. In that case, please proceed to the next item.

If you have questions concerning the completion of this questionnaire, please call toll free to Steve Hayes, Todd Morgan, or Jason Brandt, Bureau of Business and Economic Research, 1-877-700-2237 for assistance.

When you have completed the questionnaire, please mail the questionnaire in the enclosed postage‑paid reply envelope to the Bureau of Business and Economic Research, or fax to (406) 243-2086.

Thank you for your cooperation and assistance. You will be mailed a report when it is complete.

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.

**I. Plant Profile**

**Please complete a separate questionnaire for each plant**

A. Plant name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B. Mailing address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

C. Location (**if different from mailing address above**)

Street address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City or town \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ County \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

D. Name of person completing questionnaire \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

title \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

telephone number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Type of plant (check one): \_\_\_ Biomass facility \_\_\_ Other (specify type)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

F. What year did your facility open? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Was this facility active in YEAR? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

G. Shift and annual production capacity of your facility in **YEAR** -- estimate capacity after considering normal maintenance and down time -- in other words, the amount you could have produced if you had sufficient supplies of raw materials and firm market demand for your products.

Shift Annual

Capacity Capacity

Production capacity: \_\_\_\_\_\_\_\_\_\_MW \_\_\_\_­\_\_\_\_\_\_\_\_\_\_\_MWh

Other capacity: (**specify units**): \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

H. How many days did your facility operate in YEAR \_\_\_\_\_\_\_\_\_\_\_\_\_ # of shifts / day \_\_\_\_\_\_

I. Hours per shift \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

J. On average, how many employees worked at your facility in YEAR

Production workers including line supervisors \_\_\_\_\_\_\_\_\_\_\_

Administrative and clerical workers \_\_\_\_\_\_\_\_\_\_\_

**-----------------------If you do not process timber in roundwood form skip to Question II F--------------------------------**

K. For your timber receipts for YEAR, percentage of volume from logs that had a **small-end** diameter of:

\_\_\_\_\_\_\_% < 4 inches \_\_\_\_\_\_\_% 4 to 7 inches \_\_\_\_\_\_\_% 7 to 10 inches

\_\_\_\_\_\_\_% 10 to 24 inches \_\_\_\_\_\_\_% > 24 inches

Minimum small-end diameter accepted: \_\_\_\_\_\_\_\_\_\_inches; preferred: \_\_\_\_\_\_\_\_\_\_\_inches

Maximum large-end diameter accepted: \_\_\_\_\_\_\_\_\_\_inches; preferred: \_\_\_\_\_\_\_\_\_\_\_inches

L. Lengths of logs used in operation:

Minimum \_\_\_\_\_\_\_feet

Preferred \_\_\_\_\_\_\_feet

Maximum \_\_\_\_\_\_\_feet

Multiples of: \_\_\_\_\_feet

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**II. Flow of Raw Materials in Calendar YEAR**

A. Please indicate the volume of **timber** received by your mill in calendar year YEAR. Indicate the product

type (sawlog, pulpwood, etc.), state and county of origin, and ownership source (industrial

private, non-industrial private, state, tribal, Bureau of Land Management, Forest Service: specify forest). Timber

receipts from the same county and ownership source may be combined. **Report volumes in thousand**

**board feet Scribner (MBF), specify Eastside or Westside Scale or if other units are used, please specify units of measure. This is for timber in round form and not other raw material received.**

**\***If your operation did not receive any roundwood raw material go to part IIF

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| --- | --- | --- | --- |
| Product Type | Volume | State and County  (for non-U.S. logs list country of origin) | Ownership |
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B. Indicate the species and percentages of each species received.

Percent of Percent of species

Species YEAR receipts that was standing dead

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_%

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_%

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_%

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_%

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_%

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_%

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_%

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_%

1. %

C. Raw material inventory: Beginning YEAR \_\_\_\_\_\_\_\_\_\_\_\_\_ End YEAR \_\_\_\_\_\_\_\_\_\_\_\_\_\_

D. Did your firm ship any unprocessed timber from this mill location to another facility in YEAR? If so, please

indicate the volume shipped and the county and state where the timber was shipped.

Volume of timber shipped \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ County and state of receiving mill \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Receiving Mill\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume of timber shipped \_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ County and state of receiving mill \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Receiving Mill\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**II. Flow of Raw Materials in Calendar YEAR (continued)**

F. Please indicate the raw material type (**chips, sawdust, shavings, bark, recycled**) **NOT ROUNDWOOD** received for **manufacture of product**, the volume received (**specify units –** green tons, dry tons, BDU, cubic yards, etc.) and the state or country **(if from outside the U.S.)**

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| **Raw material Type** | **Volume (specify units)** | **State or Country (if outside the U.S.)** |
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G. Please indicate the raw material type (**chips, sawdust, shavings, bark, recycled**) **NOT ROUNDWOOD** received for **fuel**, the volume received (**specify units**) and the state or country **(if from outside the U.S.)**

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| **Fuel material Type** | **Volume (specify units)** | **State or Country (if outside the U.S.)** |
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1. **Flow of Finished Products in YEAR**
2. Please indicate the volume and sales value (f.o.b. your facility) of products produced and shipped in YEAR, and indicate the percentage of shipments to each geographic region, **using the map on the next page for reference**.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | --------------------------------------------------------------- Market Areas --------------------------------------------------- | | | | | | | | |
| Product Type | Volume & units | Total Sales  Value | STATE | Far  West | Rocky Mountain | North-  Central | South | North-  east | Canada | Pacific Rim  Countries | Other Countries |
| Electricity | \_\_\_\_\_\_\_\_\_\_(MWh) | $ \_\_\_\_\_\_\_\_\_\_ | \_\_\_\_% | \_\_\_\_% | \_\_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_\_% | \_\_\_\_\_% |
| Other | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ \_\_\_\_\_\_\_\_\_\_ | \_\_\_\_% | \_\_\_\_% | \_\_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_\_% | \_\_\_\_\_% |
| Other | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ \_\_\_\_\_\_\_\_\_\_ | \_\_\_\_% | \_\_\_\_% | \_\_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_\_% | \_\_\_\_\_% |
| Other | \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | $ \_\_\_\_\_\_\_\_\_\_ | \_\_\_\_% | \_\_\_\_% | \_\_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_% | \_\_\_\_\_% |

**Thank you for your cooperation.**

**2**

*Washington*

*Oregon*

**1**

*California*

**2**

*Alaska*

**3**

*Idaho*

**4**

**61**

**5**

*NJ*

*Ohio*

*Virginia*

*West Virginia*

*MD*

*DE*

*Pennsylvania*

*CT*

*MA*

*RI*

# Maine

*NH*

# VT

New York

*Hawaii*

*Georgia*

*Alabama*

*Mississippi*

*South Carolina*

*Florida*

*North Carolina*

*Tennessee*

*Kentucky*

*Louisiana*

*Texas*

*Arkansas*

*Oklahoma*

*Michigan*

*New Mexico*

*Arizona*

*Colorado*

*Utah*

*Wyoming*

*Montana*

*Nevada*

*Indiana*

*Wisconsin*

*Illinois*

*Minnesota*

*Iowa*

*Missouri*

*Kansas*

*Nebraska*

*South Dakota*

*North Dakota*