

Bureau of Business and Economic Research
Gallagher Business Building, room 231
University of Montana
Missoula, MT 59812-6840

[STATE] [YEAR]

**Forest Industry Data Collection System (FIDACS)
Biomass Form**

GENERAL INSTRUCTIONS

The objective of this survey is to collect and compile data on the sources and volumes of raw materials used by the forest products industry in [STATE], and the volumes and types of finished wood products and mill residue produced in the state. Your assistance is needed to make the results of the survey comprehensive, accurate and timely.

INDIVIDUAL FACILITY DATA WILL BE HELD STRICTLY CONFIDENTIAL. ONLY SUMMARIZED INFORMATION WILL BE REPORTED.

Please fill out the attached questionnaire as completely and accurately as you can. If complete records are not available, please give us your best estimates. Some of the questions may not apply to your operation. In that case, please proceed to the next item. We estimate that responding to this questionnaire will take approximately 51 minutes.

BBER staff will be happy to assist you in completing the survey form. If you have questions, please contact [NAME] by phone at [PHONE NUMBER], or by email at [EMAIL ADDRESS]. If you prefer, we can email you an electronic version of the questionnaire. A downloadable version can also be found at [WEB ADDRESS].

You may return your completed questionnaire either by mail in the enclosed postage paid return envelope, by scanning and emailing it to [EMAIL ADDRESS], or by faxing it to (406) 243-2086. In the event that your facility is closed or currently inactive, we would appreciate that information as well.

THANK YOU FOR YOUR ASSISTANCE!

Public reporting burden for this collection of information is estimated to average [TIME] 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.

A. Facility profile

Please complete a separate questionnaire for each facility.

1. Facility name: _____

2. Mailing address: _____

3. Physical address: _____

4. Person completing questionnaire: _____ Title _____
 Name _____ Phone _____
 Email _____

5. Type of facility (check one):

- Pulp/paper Particle board Medium density fiber board
 Biomass energy Bark products Pellets
 Other: _____

6. What year did your facility open? _____

Status of facility in [YEAR]:

- Active Inactive Closed/dismantled

7. What was your facility capacity in [YEAR]? Please estimate capacity including normal maintenance and downtime; in other words, the amount you could produce given sufficient supplies of raw materials and firm market demand for your products.

	<u>Units</u>	<u>Shift capacity</u>	<u>Annual capacity</u>
Production capacity:	_____	_____	_____
Other capacity: _____	_____	_____	_____

8. How many days did your facility operate in [YEAR]? _____ # of shifts per day _____
 # of hours per shift _____

9. On average, how many employees worked at your facility in [YEAR]?

Production workers, including line supervisors _____
 Administrative and clerical workers _____

C. Flow of finished products in calendar year [YEAR]

1. Please indicate the volume and sales value (f.o.b. your facility) of products produced and shipped by your facility in [YEAR], and indicate the percentage of shipments to each geographic region, using the map on the next page for reference.

Product type	Volume	Unit	Total sales value	----- Market Areas -----									
				In-state (1)	Far West (2)	Rocky Mountain (3)	North-central (4)	South (5)	North-east (6)	Canada	Pacific Rim countries	Other countries	
Pulp/paper	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Particleboard/MDF	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Electricity	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Clean chips	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Thermal energy	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Bark/mulch	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Wood pellets	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Shavings	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Other: _____	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %
Other: _____	_____	_____	\$ _____	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %	___ %

C. Flow of finished products in calendar year [YEAR] (continued)

2. Please indicate the volume of mill residues produced and sold by your facility in calendar year [YEAR], residue sales in and out of state, and how the residues were used.

<u>Residue type</u>	<u>Volume produced</u>		<u>Volume sold</u>		-----Market Area-----		<u>Raw material for pulp or board</u>	<u>Internal hogfuel/ biomass energy</u>	<u>Sold for hogfuel/ biomass energy</u>	<u>Unused</u>	<u>Other uses:</u>
	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Sales of residue in-state</u>	<u>Sales of residue to other states</u>					
Chips	_____	BDU	_____	BDU	\$ _____	\$ _____	_____ %	_____ %	_____ %	_____ %	_____ %
Slabs, edging and trim not chipped	_____ () _____ () _____ () _____ (\$ _____	\$ _____	_____ %	_____ %	_____ %	_____ %	_____ %
Sawdust	_____	BDU	_____	BDU	\$ _____	\$ _____	_____ %	_____ %	_____ %	_____ %	_____ %
Planer shavings	_____	BDU	_____	BDU	\$ _____	\$ _____	_____ %	_____ %	_____ %	_____ %	_____ %
Bark	_____	BDU	_____	BDU	\$ _____	\$ _____	_____ %	_____ %	_____ %	_____ %	_____ %
Other: _____	_____ () _____ () _____ () _____ (\$ _____	\$ _____	_____ %	_____ %	_____ %	_____ %	_____ %
Other: _____	_____ () _____ () _____ () _____ (\$ _____	\$ _____	_____ %	_____ %	_____ %	_____ %	_____ %
Other: _____	_____ () _____ () _____ () _____ (\$ _____	\$ _____	_____ %	_____ %	_____ %	_____ %	_____ %

3. If residues are sold out of state, please indicate state/country and volume:

<u>Residue type</u>	<u>State/country</u>	<u>Volume</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Thank you for your assistance!