

HOW CAN VOLUMES BE CONVERTED BETWEEN BOARD FOOT OR CORDS AND CUBIC FEET?

- All volumes are calculated and reported as Hundred Cubic Feet (CCF)
- The Monongahela National Forest uses International ¼ Log Rules when converting from CCF.

Some **approximate** conversions are:

Sawtimber

MBF (International ¼) / 0.60 = CCF

CCF x 0.60 = MBF (International ¼)

Pulpwood

Cds x 0.79 = CCF

CCF/0.79 = Cds

HOW CAN FAMILIAR BID PRICES PER MBF OR CORDS BE CONVERTED TO BID PRICES PER CCF?

A National Forest timber sale prospectus will show estimated volumes and species composition in hundred cubic feet (CCF). Advertised rates and bid rates will all be in price per CCF.

Here is a way (5 Steps) to price sawtimber and pulpwood in CCF that may help.

If the prospectus shows:

<u>Species Product</u>	<u>Est. Volume (CCF)</u>	<u>Ad. Bid Rate (\$/CCF)</u>	<u>Unit of Measure</u>
Sugar Maple (SM) Saw	50	\$135.00	ccf
Mixed Hardwood (MH) Pulp	100	\$ 19.00	ccf

- a) Determine total advertised value for each species product group.

Example: SM Saw 50 ccf x \$135.00/CCF = \$6,750

 MH Pulp 100 ccf x \$19.00/CCF = \$1,900

- b) Divide total advertised value for each species group by the MBF or Cds Volume (*using conversion process shown above*) for that group. It may be necessary to add together the volumes for all species that comprise an appraisal group.

Example: SM Saw \$6,750 / 27 MBF = \$250.00/MBF

 MH Pulp \$1,900 / 127 Cds = \$ 14.96/CD

- c) Add your bid premium for each species product group and calculate total bid value for each group.

Example: SM Saw $\$250.00/\text{MBF} + \$50.00/\text{MBF} = \$300.00/\text{MBF} \times 27\text{MBF} = \$8,100.00$

MH Pulp $\$14.96/\text{Cd} + \$5.00/\text{Cd} = \$19.96/\text{Cd} \times 127\text{ Cds} = \$2,534.92$

- d) Divide total bid value for each species product group by CCF volume for that group to determine bid rate in \$/CCF.

Example: SM Saw $\$8,100.00/50\text{ CCF} = \$162.00/\text{CCF}$

MH Pulp $\$2,534.92/100\text{ CCF} = \$25.32/\text{CCF}$

- e) Enter the bid rate in \$/CCF on the Bid Form.