

CORDWOOD WEIGHT CONVERSION FACTORS

On Department lands, the following weight conversion factors will be used in the conversion of weight scale to a standard 128 cubic foot cord. This should remain consistent for all sales on a specific property and not changed readily.

The weight conversions in the following table will be used for billing purposes. The weight conversion table is included in the Timber Sale Cover Letter. Weights shown are for average cordwood size wood that is reasonably straight.

Note: Some county timber sale contracts may have specific weight conversions for some species that differ from these factors.

Factors for mixed cordwood may be developed by weighted average of cruise estimates based on species volume distribution and/or ocular estimate.

Additional tables for common product conversion factors can be found in the Appendix.

CORDWOOD WEIGHT CONVERSION FACTORS

<u>Species</u>	<u>Weight (lbs)</u>	<u>Cord to Ton Conversion</u>	<u>Species</u>	<u>Weight (lbs)</u>	<u>Cord to Ton Conversion</u>
ASPEN (All Species)	4,500	2.250	MAPLE, OTHER	4,550	2.275
ASH (All Species)	4,600	2.300	MAPLE, RED	4,550	2.275
BASSWOOD	3,850	1.925	MAPLE, SILVER	4,550	2.275
BEECH	5,050	2.525	MULBERRY	5,000	2.500
BALM OF GILEAD	4,900	2.450	MIXED CONIFER	4,250	2.125
BALSAM FIR	4,250	2.125	MIXED SPECIES - ALL	4,600	2.300
BUTTERNUT	5,000	2.500	MIXED HARDWOODS	4,800	2.400
BIRCH, RIVER	5,000	2.500	OAK, BLACK	5,500	2.750
BOX ELDER	4,550	2.275	OAK, NORTHERN PIN	5,500	2.750
BIRCH, WHITE	4,800	2.400	OAK, BUR	5,850	2.925
BIRCH, YELLOW	5,350	2.675	OAK	5,500	2.750
CEDAR (All Species)	3,150	1.575	OAK, SOUTHERN PIN	5,500	2.750
CHERRY, BLACK	4,300	2.150	OAK, RED	5,500	2.750
COTTONWOOD	4,650	2.325	OAK, SWAMP WHITE	5,850	2.925
ELM (All Species)	5,000	2.500	OAK, WHITE	5,850	2.925
HEMLOCK	4,800	2.400	PINE, AUSTRIAN	4,500	2.250
HACKBERRY	5,000	2.500	PINE, JACK	4,250	2.125
HICKORY (All Species)	5,400	2.700	PINE, RED	4,500	2.250
IRONWOOD	5,000	2.500	PINE, SCOTS	4,500	2.250
KENTUCKY COFFEE TREE	5,000	2.500	PINE, WHITE	4,200	2.100
LARCH	4,650	2.325	POPLAR, YELLOW	4,500	2.250
LOCUST (All Species)	5,300	2.650	SPRUCE (All Species)	4,000	2.000
MOUNTAIN ASH	5,000	2.500	SYCAMORE	5,000	2.500
MAPLE, SUGAR	5,100	2.550	TAMARACK	4,650	2.325
MAPLE, NORWAY	5,100	2.550	WALNUT, BLACK	5,000	2.500
			WILLOW (All Species)	5,000	2.500