

## **ENGINEERING FORMULA + HELPFUL TABLES**



Approx. Weights of Wood in Lbs./Cu Ft		
species	green	airdry
Alder, red	46	28
Ash, <i>black</i>	52	34
Ash, commercial white	48	41
Ash, Oregon	46	38
Aspen	43	26
Basswood	42	26
Beech	54	45
Birch	57	44
Birch, <i>paper</i>	50	38
Cedar, <i>Alaska</i>	36	31
Cedar, <i>eastern red</i>	37	33
Cedar, northern white	28	22
Cedar, southern white	26	23
Cedar, <i>western red</i>	27	23
Cherry, black	45	35
Chestnut	55	30
Cottonwood, eastern	49	28
Cottonwood, northern black	46	24
Cypress. southern	41	32
Douglas Fir. coast region	38	34
Douglas Fir. Rockv Mtn. Region	35	30
Elm. American	54	35
Elm. rock	53	44
Elm Slipperv	56	37
Fir balsam	45	25
Fir commercial white	46	27
Gum black	45	35
Gum red	50	34
Hemlock eastern	50	28
Hemlock western	41	29
Hickory necan	62	45
Hickory true	63	51
Honeylocust	61	0.
Larch western	48	
Locust black	58	48
Maple bigleaf	47	34
Maple, <i>black</i>	54	40
Maple, red	50	38
Maple, red	45	44
Maple, sugar	56	11
Oak red		44
Oak, white	63	47
Ding ladgenale	39	20
	36	25
	42	20
Pine, Norway	45	20
		20
Pines, southern yellow:	53	36
Pine, lobolly	55	41
Pine, longleat	52	36
Pine, snortieat	52	25
Pine, sugar	35	20
Pine, western white	30	28
Poplar, <i>yellow</i>	50	20
Redwood	00	20



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