

Sorted Alphabetically

Solid	Density	
	(10 ³ kg/m ³)	(lb/ft ³)
Alder	0.4 - 0.7	26 - 42
Apple	0.65 - 0.85	41 - 52
Ash, white	0.65 - 0.85	40 - 53
Ash, black	0.54	33
Aspen	0.42	26
Balsa	0.11 - 0.14	7 - 9
Bamboo	0.3 - 0.4	19 - 25
Basswood	0.3 - 0.6	20 - 37
Beech	0.7 - 0.9	32 - 56
Birch, British	0.67	42
Blue gum	1	62
Box	0.95 - 1.2	59 - 72
Butternut	0.38	24
Cedar, red	0.38	23
Cherry	0.7 - 0.9	43- 56
Chestnut	0.49	30
Cottonwood	0.41	25
Cypress	0.51	32
Dogwood	0.75	47
Douglas Fir	0.53	33
Ebony	1.1 - 1.3	69 - 83

Elm, American	0.57	35
Elm, English	0.55 - 0.6	34 - 37
Elm, Rock	0.82	50
Gum, Black	0.59	36
Gum, Blue	0.82	50
Gum, Red	0.54	35
Hackberry	0.62	38
Hickory	0.6 - 0.9	37 - 58
Holly	0.75	47
Juniper	0.55	35
Larch	0.5 - 0.55	31 - 35
Lignum vitae	1.17 - 1.33	73 - 83
Locust	0.65 - 0.7	42 - 44
Logwood	0.9	57
Madrone	0.74	45
Magnolia	0.57	35
Mahogany, African	0.5 - 0.85	31 - 53
Mahogany, Cuban	0.66	40
Mahogany, Honduras	0.65	41
Mahogany, Spanish	0.85	53
Maple	0.6 - 0.75	39 - 47
Myrtle	0.66	40
Oak	0.6 - 0.9	37 - 56
Oak, American Red	0.74	45

Oak, American White	0.77	47
Oak, English Brown	0.74	45
Oregon Pine	0.53	33
Parana Pine	0.56	35
Pear	0.6 - 0.7	38 - 45
Pecan	0.77	47
Persimmon	0.9	55
Philippine Red Luan	0.59	36
Pine, pitch	0.8 - 0.85	52 - 53
Pine, white	0.35 - 0.5	22 - 31
Pine, yellow	0.35 - 0.6	23 - 37
Plum	0.65 - 0.8	41 - 49
Poplar	0.35 - 0.5	22 - 31
Redwood, American	0.45	28
Redwood, European	0.51	32
Rosewood, Bolivian	0.82	50
Rosewood, East Indian	0.90	55
Satinwood	0.95	59
Spruce	0.4 - 0.7	25 - 44
Spruce, Canadian	0.45	28
Spruce, Sitka	0.45	28
Sycamore	0.4 - 0.6	24 - 37
Tanguile	0.64	39
Teak, Indian	0.65 - 0.9	41 - 55

Teak, African	0.98	61
Teak, Burma	0.74	45
Walnut	0.65 - 0.7	40 - 43
Walnut, Amer Black	0.63	38
Walnut, Claro	0.49	30
Walnut, European	0.57	35
Water gum	1	62
Willow	0.4 - 0.6	24 - 37
Zebrawood	0.79	48

Sorted by Density (softest to hardest)

Solid	Density	
	(10^3 kg/m^3)	(lb/ft^3)
Bamboo	0.3 - 0.4	19 - 25
Basswood	0.3 - 0.6	20 - 37
Pine, white	0.35 - 0.5	22 - 31
Poplar	0.35 - 0.5	22 - 31
Cedar, red	0.38	23
Pine, yellow	0.35 - 0.6	23 - 37
Butternut	0.38	24
Sycamore	0.4 - 0.6	24 - 37
Willow	0.4 - 0.6	24 - 37
Cottonwood	0.41	25
Spruce	0.4 - 0.7	25 - 44
Aspen	0.42	26
Alder	0.4 - 0.7	26 - 42
Redwood, American	0.45	28
Spruce, Canadian	0.45	28
Spruce, Sitka	0.45	28
Chestnut	0.49	30
Walnut, Claro	0.49	30
Larch	0.5 - 0.55	31 - 35
Mahogany, African	0.5 - 0.85	31 - 53
Cypress	0.51	32

Redwood, European	0.51	32
Beech	0.7 - 0.9	32 - 56
Ash, black	0.54	33
Douglas Fir	0.53	33
Oregon Pine	0.53	33
Elm, English	0.55 - 0.6	34 - 37
Elm, American	0.57	35
Gum, Red	0.54	35
Juniper	0.55	35
Magnolia	0.57	35
Parana Pine	0.56	35
Walnut, European	0.57	35
Gum, Black	0.59	36
Philippine Red Luan	0.59	36
Oak	0.6 - 0.9	37 - 56
Hickory	0.6 - 0.9	37 - 58
Hackberry	0.62	38
Walnut, Amer Black	0.63	38
Pear	0.6 - 0.7	38 - 45
Tanguile	0.64	39
Maple	0.6 - 0.75	39 - 47
Mahogany, Cuban	0.66	40
Myrtle	0.66	40
Walnut	0.65 - 0.7	40 - 43

Ash, white	0.65 - 0.85	40 - 53
Mahogany, Honduras	0.65	41
Plum	0.65 - 0.8	41 - 49
Apple	0.65 - 0.85	41 - 52
Teak, Indian	0.65 - 0.9	41 - 55
Birch, British	0.67	42
Locust	0.65 - 0.7	42 - 44
Cherry	0.7 - 0.9	43- 56
Madrone	0.74	45
Oak, American Red	0.74	45
Oak, English Brown	0.74	45
Teak, Burma	0.74	45
Dogwood	0.75	47
Holly	0.75	47
Oak, American White	0.77	47
Pecan	0.77	47
Zebrawood	0.79	48
Elm, Rock	0.82	50
Gum, Blue	0.82	50
Rosewood, Bolivian	0.82	50
Pine, pitch	0.8 - 0.85	52 - 53
Mahogany, Spanish	0.85	53
Persimmon	0.9	55
Rosewood, East Indian	0.90	55

Logwood	0.9	57
Satinwood	0.95	59
Box	0.95 - 1.2	59 - 72
Teak, African	0.98	61
Blue gum	1	62
Water gum	1	62
Ebony	1.1 - 1.3	69 - 83
Balsa	0.11 - 0.14	7 - 9
Lignum vitae	1.17 - 1.33	73 - 83