

Table 16.2. Total tree volume (million m³) by species group, age class and boreal zone in Canada.

Boreal zone	Species group	Age (years)											Total	
		1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-160	161-180	181-200	201+		Other ¹
Non-boreal	Hemlock	5.42	61.24	144.50	145.79	151.03	77.69	84.90	50.71	65.60	40.45	2 215.04	0.00	3 042.38
	Spruce	22.15	113.58	287.88	370.35	348.09	221.44	301.62	283.26	166.64	130.85	770.59	0.00	3 016.45
	Fir	20.98	137.82	267.50	232.87	195.74	120.38	122.71	177.54	178.45	154.36	1 236.08	0.00	2 844.43
	Pine	23.18	136.39	152.16	281.91	577.55	404.96	405.75	253.47	115.44	64.89	140.02	0.00	2 555.72
	Douglas-fir	1.97	26.30	119.56	172.88	225.49	297.11	318.04	236.28	77.91	63.80	336.09	0.00	1 875.44
	Maple	15.49	62.65	360.47	449.86	448.76	109.92	17.79	6.19	4.80	0.00	0.76	0.00	1 476.70
	Cedar & other conifers	2.83	18.61	57.68	51.62	63.86	45.42	21.27	23.80	23.76	33.65	1 087.94	0.00	1 430.44
	Poplar	42.32	177.74	251.66	296.91	260.45	136.78	74.92	42.41	3.98	9.21	14.50	0.00	1 310.87
	Birch	13.90	89.29	185.93	209.12	260.59	85.73	17.60	9.38	0.25	0.43	0.81	0.00	873.03
	Other hardwoods	1.75	18.58	64.93	72.92	48.68	15.64	3.16	0.64	0.01	1.91	6.61	0.00	234.83
	Larch	1.00	6.11	16.48	21.95	40.16	31.60	24.39	11.62	5.82	2.98	20.96	0.00	183.09
	Unspecified conifers	29.33	34.49	13.07	5.26	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.38
	Unspecified hardwoods	30.77	18.63	19.52	3.76	9.30	0.39	0.14	0.00	0.00	0.00	0.00	0.00	82.51
	Unclassified	2.45	3.59	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18
	Subtotal	213.56	905.02	1 941.49	2 315.20	2 630.93	1 547.07	1 392.30	1 095.30	642.66	502.53	5 829.39	0.00	19 015.44
Boreal	Spruce	69.08	590.20	1 392.92	2 569.83	2 958.17	5 963.70	4 159.06	1 338.82	358.52	78.42	350.84	0.00	19 829.57
	Poplar	165.76	385.65	690.68	1 676.64	1 519.50	675.63	336.57	112.00	17.68	6.41	5.98	0.00	5 592.52
	Pine	147.42	488.18	453.63	720.52	496.29	490.77	383.76	194.41	82.73	19.86	55.92	0.00	3 533.50
	Fir	16.89	135.12	188.48	185.41	289.75	135.78	149.91	93.19	73.13	28.47	122.79	0.00	1 418.93
	Birch	31.35	110.43	193.73	231.34	152.65	200.93	17.80	4.60	0.66	0.96	1.07	0.00	945.51
	Larch	7.99	40.26	102.49	130.50	119.21	94.13	55.98	27.02	5.01	1.36	2.29	0.00	586.24
	Unspecified conifers	86.43	101.42	17.55	2.40	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	208.05
	Maple	0.15	2.67	17.52	27.08	15.17	0.27	0.00	0.00	0.00	0.00	0.00	0.00	62.87
	Unspecified hardwoods	36.05	13.89	0.39	0.02	0.00	0.00	<0.01	0.00	0.00	0.00	0.00	0.00	50.35
	Cedar & other conifers	0.09	0.23	1.56	4.44	8.31	11.40	6.03	2.92	0.81	0.00	0.00	0.00	35.78
	Other hardwoods	0.75	1.49	4.29	7.61	6.37	4.54	0.97	0.84	0.14	0.10	0.00	0.00	27.09
Unclassified	4.60	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.15	
	Subtotal	566.55	1 872.10	3 063.25	5 555.79	5 565.67	7 577.16	5 110.08	1 773.80	538.70	135.58	538.89	0.00	32 297.57
Canada	Spruce	91.23	703.78	1 680.81	2 940.18	3 306.26	6 185.15	4 460.68	1 622.08	525.16	209.27	1 121.42	0.00	22 846.01
	Poplar	208.08	563.39	942.35	1 973.55	1 779.95	812.41	411.49	154.40	21.66	15.62	20.48	0.00	6 903.39
	Pine	170.59	624.57	605.80	1 002.43	1 073.84	895.72	789.51	447.89	198.17	84.75	195.94	0.00	6 089.22
	Fir	37.88	272.94	455.98	418.27	485.49	256.17	272.62	270.73	251.58	182.83	1 358.87	0.00	4 263.37
	Hemlock	5.42	61.24	144.50	145.79	151.03	77.69	84.90	50.71	65.60	40.45	2 215.04	0.00	3 042.38
	Douglas-fir	1.97	26.30	119.56	172.88	225.49	297.11	318.04	236.28	77.91	63.80	336.09	0.00	1 875.44
	Birch	45.25	199.72	379.66	440.46	413.23	286.66	35.40	13.98	0.91	1.39	1.89	0.00	1 818.54
	Maple	15.64	65.31	378.00	476.94	463.93	110.19	17.79	6.19	4.80	0.00	0.76	0.00	1 539.57
	Cedar & other conifers	2.92	18.84	59.24	56.06	72.17	56.82	27.30	26.72	24.57	33.65	1 087.94	0.00	1 466.23
	Larch	8.99	46.37	118.97	152.45	159.37	125.73	80.38	38.64	10.83	4.34	23.25	0.00	769.33
	Unspecified conifers	115.76	135.91	30.62	7.66	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	291.43
	Other hardwoods	2.50	20.07	69.22	80.53	55.05	20.18	4.12	1.47	0.15	2.01	6.61	0.00	261.93
	Unspecified hardwoods	66.82	32.52	19.91	3.78	9.30	0.39	0.15	0.00	0.00	0.00	0.00	0.00	132.86
	Unclassified	7.05	6.15	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.33
	Total	780.11	2 777.11	5 004.74	7 870.99	8 196.60	9 124.24	6 502.38	2 869.10	1 181.35	638.11	6 368.28	0.00	51 313.01

Source: Canada's National Forest Inventory, combined remeasured (2007-2017) and projected (2006-2017 with NFI projection system) data (Version 2, November 2022) (<http://nfi.nfis.org>)

Note: The Non-boreal zone in the Arctic ecozones (Arctic Cordillera, Northern Arctic, Southern Arctic) are not inventoried. The total land and water area amounts to approximately 252,202.08 thousand ha.

¹ Missing or unknown age class.