

Table 18.2. Total above-ground biomass (million tonnes) on forest land 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	1.09	50.66	72.32	95.18	66.52	55.46	48.05	36.41	25.76	27.90	1 219.94	0.00	1 699.30
	Pine	14.96	36.39	92.20	252.91	300.03	266.52	311.61	179.95	102.03	60.57	72.24	0.00	1 689.41
	Spruce	14.80	51.67	178.20	200.94	156.78	131.66	133.65	110.18	100.75	118.28	456.96	0.00	1 653.87
	Fir	13.74	104.24	169.00	153.31	76.22	45.24	65.76	61.10	65.17	82.24	708.21	0.00	1 544.24
	Douglas-fir	2.34	35.81	81.36	155.25	163.59	190.27	166.08	86.26	64.00	35.73	199.91	0.00	1 180.60
	Maple	16.59	44.30	336.20	190.49	295.69	71.54	42.43	22.99	4.15	3.41	0.21	0.00	1 027.99
	Poplar	12.63	67.73	194.61	261.13	206.10	43.10	21.62	6.87	3.54	1.79	1.83	0.00	820.97
	Cedar & other conifers	1.55	13.29	33.43	27.56	34.45	19.66	8.68	6.65	9.64	19.62	556.71	0.00	731.24
	Birch	9.70	36.95	152.52	170.63	175.79	19.26	11.08	3.08	0.64	0.24	0.31	0.00	580.20
	Other hardwoods	14.30	10.58	36.12	43.80	21.33	8.18	1.47	0.01	0.00	0.00	0.00	0.00	135.79
	Larch	2.92	2.78	10.00	21.23	19.20	20.72	10.20	5.37	1.59	1.98	10.06	0.00	106.04
	Unspecified conifers	37.75	11.01	0.06	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.95
	Unspecified hardwoods	31.55	3.20	0.64	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.51
	Unclassified	3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00	25.11
Subtotal		177.04	468.62	1 356.66	1 572.66	1 515.71	871.62	820.61	518.87	377.27	351.77	3 226.38	22.00	11 279.22
Boreal	Spruce	36.27	257.54	649.60	1 529.42	4 699.50	3 296.50	1 404.43	319.50	147.73	44.03	175.17	0.00	12 559.70
	Poplar	30.40	126.87	590.59	977.26	644.24	244.86	77.05	17.36	4.97	0.50	3.38	0.00	2 717.48
	Pine	43.03	123.48	218.29	312.81	349.66	204.41	124.80	74.37	32.40	7.83	22.77	0.00	1 513.87
	Fir	6.32	36.78	75.08	120.15	164.01	84.18	45.33	35.50	37.70	16.81	123.66	0.00	745.52
	Birch	4.23	43.27	151.96	152.05	169.77	28.89	8.69	0.34	0.74	0.00	0.00	0.00	559.95
	Unspecified conifers	102.75	54.91	4.80	0.23	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	162.74
	Unclassified	25.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.38	121.09
	Larch	24.89	3.74	9.06	14.36	17.34	12.15	8.37	4.50	3.16	0.29	0.31	0.00	98.17
	Unspecified hardwoods	26.92	3.83	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.94
	Cedar & other conifers	0.06	0.36	0.65	1.95	3.87	3.90	4.53	3.93	0.50	0.24	0.00	0.00	19.99
	Other hardwoods	0.59	2.08	1.76	7.68	2.90	3.41	0.35	0.28	0.07	0.00	0.00	0.00	19.14
Maple	0.07	0.18	10.55	1.14	2.54	2.12	0.07	0.00	0.00	0.00	0.00	0.00	16.68	
Subtotal		301.25	653.05	1 712.52	3 117.06	6 053.88	3 880.43	1 673.63	455.79	227.28	69.69	325.29	95.38	18 565.26
Canada	Spruce	51.07	309.21	827.80	1 730.36	4 856.28	3 428.16	1 538.08	429.67	248.47	162.31	632.14	0.00	14 213.57
	Poplar	43.03	194.60	785.20	1 238.39	850.35	287.96	98.67	24.24	8.51	2.29	5.22	0.00	3 538.46
	Pine	57.99	159.88	310.49	565.73	649.69	470.93	436.41	254.32	134.43	68.40	95.02	0.00	3 203.28
	Fir	20.07	141.03	244.07	273.46	240.23	129.42	111.09	96.60	102.87	99.05	831.86	0.00	2 289.76
	Hemlock	1.09	50.66	72.32	95.18	66.52	55.46	48.05	36.41	25.76	27.90	1 219.94	0.00	1 699.30
	Douglas-fir	2.34	35.81	81.36	155.25	163.59	190.27	166.08	86.26	64.00	35.73	199.91	0.00	1 180.60
	Birch	13.93	80.23	304.48	322.68	345.57	48.16	19.77	3.42	1.38	0.24	0.31	0.00	1 140.15
	Maple	16.67	44.48	346.75	191.63	298.23	73.66	42.49	22.99	4.15	3.41	0.21	0.00	1 044.67
	Cedar & other conifers	1.60	13.65	34.08	29.51	38.32	23.56	13.21	10.58	10.14	19.86	556.71	0.00	751.22
	Unspecified conifers	140.50	65.92	4.87	0.36	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	211.69
	Larch	27.81	6.52	19.05	35.59	36.54	32.87	18.57	9.88	4.76	2.27	10.36	0.00	204.21
	Other hardwoods	14.89	12.66	37.88	51.49	24.23	11.60	1.82	0.29	0.07	0.00	0.00	0.00	154.93
	Unclassified	28.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	117.39	146.21
	Unspecified hardwoods	58.47	7.03	0.82	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.44
Total		478.29	1 121.67	3 069.18	4 689.73	7 569.58	4 752.05	2 494.24	974.66	604.54	421.47	3 551.68	117.39	29 844.48

Source: Canada's National Forest Inventory, revised 2006 baseline (Version 3, December 2013) (<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.