

**Table 17.1. Total above-ground biomass (million tonnes) on forest land by forest type, age class and terrestrial ecozone in Canada.**

Terrestrial ecozone	Forest type	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 <sup>1</sup>
Taiga Plains	Treed Coniferous	0.69	0.58	10.66	64.17	1 799.52	47.34	54.74	38.32	11.46	4.35	5.11	0.00	2 036.93
	Treed Mixedwood	0.09	0.41	16.66	26.97	306.13	21.07	17.99	12.91	0.41	0.57	0.21	0.00	403.41
	Treed Broadleaf	0.08	2.06	55.27	207.97	45.49	40.83	12.50	3.15	0.06	0.00	0.00	0.00	367.41
	Non-treed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16
	Subtotal	0.87	3.04	82.58	299.11	2 151.14	109.25	85.23	54.38	11.92	4.92	5.32	0.16	2 807.92
Taiga Shield	Treed Coniferous	2.77	0.51	2.65	145.15	290.83	838.60	859.59	0.69	0.00	0.00	0.00	0.00	2 140.78
	Treed Mixedwood	0.42	0.03	0.19	4.48	7.48	48.02	1.03	0.00	0.00	0.00	0.00	0.00	61.66
	Treed Broadleaf	0.10	0.07	0.10	0.23	27.76	1.11	0.01	0.00	0.00	0.00	0.00	0.00	29.38
	Non-treed	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.91	14.92
	Subtotal	3.29	0.62	2.94	149.86	326.07	887.72	860.63	0.69	0.00	0.00	0.00	14.91	2 246.74
Boreal Shield	Treed Coniferous	151.08	332.01	589.09	1 197.65	1 951.74	1 386.86	315.30	148.76	22.64	3.80	0.39	0.00	6 099.32
	Treed Mixedwood	129.32	199.13	453.69	790.95	742.92	115.45	45.77	16.71	2.98	5.00	1.09	0.00	2 503.02
	Treed Broadleaf	49.08	61.83	297.28	370.82	411.62	105.99	49.15	22.38	5.49	0.22	0.24	0.00	1 374.10
	Non-treed	0.12	0.35	0.16	0.19	0.36	0.03	0.01	0.00	0.04	0.00	0.00	63.64	64.90
	Subtotal	329.60	593.32	1 340.22	2 359.61	3 106.63	1 608.33	410.24	187.85	31.15	9.02	1.72	63.64	10 041.33
Atlantic Maritime	Treed Coniferous	28.44	73.87	193.40	131.80	75.50	22.67	2.51	0.31	0.00	0.00	0.00	0.00	528.50
	Treed Mixedwood	36.95	66.28	194.25	117.87	45.52	4.76	0.68	0.00	0.21	0.00	0.00	0.00	466.52
	Treed Broadleaf	29.78	31.20	130.02	65.26	38.09	2.06	0.54	0.32	0.00	0.06	0.04	0.00	297.38
	Non-treed	0.09	< 0.01	< 0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.30	6.40
	Subtotal	95.25	171.35	517.67	314.93	159.12	29.50	3.73	0.64	0.21	0.06	0.04	6.30	1 298.80
Mixedwood Plains	Treed Broadleaf	4.42	23.10	66.19	50.26	23.48	4.35	0.93	0.41	0.00	0.00	0.00	0.00	173.15
	Treed Mixedwood	1.92	16.12	40.56	12.48	6.93	0.70	0.44	0.10	0.00	0.00	0.00	0.00	79.27
	Treed Coniferous	1.39	9.12	9.64	4.99	1.43	0.17	0.49	0.00	0.00	0.00	0.00	0.00	27.25
	Non-treed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.65
	Subtotal	7.74	48.34	116.40	67.73	31.84	5.23	1.87	0.51	0.00	0.00	0.00	0.65	280.31
Boreal Plains	Treed Coniferous	8.46	39.82	238.83	427.76	351.51	279.67	134.60	73.64	31.42	8.98	8.38	0.00	1 603.08
	Treed Broadleaf	14.90	76.75	405.77	325.89	178.23	101.03	23.54	1.67	0.74	0.03	0.00	0.00	1 128.55
	Treed Mixedwood	5.39	23.20	117.45	121.92	140.96	88.76	39.52	13.73	2.75	0.21	0.14	0.00	554.02
	Non-treed	0.04	0.01	0.01	< 0.01	0.00	< 0.01	0.00	0.00	0.00	0.00	0.00	14.80	14.86
	Subtotal	28.78	139.78	762.06	875.58	670.70	469.46	197.66	89.04	34.91	9.22	8.51	14.80	3 300.51
Prairies	Treed Broadleaf	0.14	0.09	32.20	49.48	61.51	0.02	0.00	0.01	0.00	0.00	0.00	0.00	143.44
	Treed Coniferous	0.00	0.00	0.11	1.88	0.42	3.17	0.00	0.00	0.00	0.00	0.00	0.00	5.58
	Treed Mixedwood	0.00	0.02	0.32	1.24	0.50	0.02	0.00	0.00	0.00	0.00	0.00	0.00	2.09
	Non-treed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19
	Subtotal	0.14	0.11	32.62	52.59	62.43	3.21	0.00	0.01	0.00	0.00	0.00	0.19	151.30
Taiga Cordillera	Treed Coniferous	0.00	15.26	9.92	4.25	9.91	421.99	8.86	1.84	0.28	0.00	0.00	0.00	472.30
	Treed Mixedwood	0.05	1.04	0.90	0.76	1.26	7.83	0.14	1.09	0.00	0.00	0.00	0.00	13.08
	Treed Broadleaf	0.01	0.02	0.04	8.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.86
	Subtotal	0.06	16.32	10.86	13.80	11.18	429.81	9.00	2.93	0.28	0.00	0.00	0.00	494.24
Boreal Cordillera	Treed Coniferous	0.22	15.96	36.59	62.45	248.95	206.31	122.90	98.94	108.01	24.37	241.38	0.00	1 166.09
	Treed Mixedwood	0.36	7.71	19.46	20.94	21.12	23.62	20.56	10.06	10.96	0.00	8.46	0.00	143.25
	Treed Broadleaf	0.32	4.12	9.46	10.18	1.57	5.42	7.60	3.76	1.46	0.00	0.79	0.00	44.67
	Non-treed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.88
	Subtotal	0.90	27.79	65.50	93.57	271.65	235.36	151.06	112.75	120.43	24.37	250.63	0.88	1 354.89
Pacific Maritime	Treed Coniferous	3.77	75.87	122.87	165.26	106.26	106.70	94.19	39.35	54.10	51.51	1 975.61	0.00	2 795.51
	Treed Mixedwood	0.10	2.23	15.53	14.63	9.77	7.51	1.04	3.00	0.43	1.27	0.60	0.00	56.10
	Treed Broadleaf	0.03	2.06	6.95	14.28	8.31	7.93	2.09	1.01	0.87	0.08	0.56	0.00	44.17
	Non-treed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.47	4.47
	Subtotal	3.90	80.16	145.35	194.18	124.33	122.14	97.32	43.36	55.40	52.87	1 976.78	4.47	2 900.25
Montane Cordillera	Treed Coniferous	7.66	54.24	100.99	327.40	440.87	546.74	669.73	500.27	355.02	326.68	1 330.09	0.00	4 659.69
	Treed Mixedwood	1.18	8.18	6.79	30.57	64.37	40.77	35.93	13.13	6.68	1.37	3.89	0.00	212.88
	Treed Broadleaf	0.04	1.34	5.37	12.55	30.80	21.36	10.34	1.83	1.14	0.22	0.53	0.00	85.50
	Non-treed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.64	7.64
	Subtotal	8.87	63.76	113.15	370.52	536.03	608.87	716.00	515.23	362.84	328.27	1 334.51	7.64	4 965.71
Hudson Plains	Treed Coniferous	2.03	2.10	0.83	4.83	17.16	134.69	1.48	2.04	0.00	0.00	0.00	0.00	165.15
	Treed Mixedwood	0.00	0.02	0.43	0.45	49.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.42
	Non-treed	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.74	3.74
	Treed Broadleaf	< 0.01	0.00	0.00	2.56	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	2.65
	Subtotal	2.03	2.12	1.26	7.85	66.68	134.77	1.48	2.04	0.00	0.00	0.00	3.74	221.96
	Treed Coniferous	206.51	619.34	1 315.59	2 537.60	5 294.10	3 994.91	2 264.39	904.16	582.92	419.69	3 560.97	0.00	21 700.18

Terrestrial ecozone	Forest type	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 <sup>1</sup>
Canada														
	Treed Mixedwood	175.78	324.38	866.23	1 143.27	1 396.47	358.51	163.12	70.73	24.42	8.43	14.38	0.00	4 545.72
	Treed Broadleaf	98.89	202.64	1 008.63	1 118.27	826.86	290.19	106.70	34.54	9.75	0.62	2.16	0.00	3 699.25
	Non-treed	0.25	0.36	0.18	0.19	0.36	0.03	0.01	0.00	0.04	0.00	0.00	117.38	118.81
	Total	481.44	1 146.72	3 190.62	4 799.32	7 517.80	4 643.64	2 534.22	1 009.43	617.13	428.73	3 577.51	117.38	30 063.95

Source: Canada's National Forest Inventory, revised 2006 baseline (Version 3, December 2013) (<http://nfi.nfis.org>)

Note: The Arctic ecozones (Arctic Cordillera, Northern Arctic, Southern Arctic), and the Taiga Plains and Hudson Plains ecozones located in Nunavut, are not inventoried. These non-inventoried areas total 262,189.89 thousand ha.

<sup>1</sup> Missing or unknown age class.