

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 ¹
Taiga Plains	Coniferous	0.69	0.56	10.15	62.23	1 797.29	45.50	54.03	37.51	11.54	4.43	4.59	0.00	2 028.52
	Mixedwood	0.09	0.38	13.64	25.89	307.53	21.03	18.29	12.93	0.41	0.57	0.21	0.00	400.97
	Broadleaf	0.08	1.66	48.75	202.55	41.90	40.22	12.48	3.15	0.06	0.00	0.00	0.00	350.85
	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	0.86	2.60	72.54	290.67	2 146.72	106.75	84.80	53.59	12.01	5.00	4.80	0.16	2 780.50
Taiga Shield	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	2 140.79
	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	61.65
	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	887.73	860.63	0.69	0.00	0.00	0.00	14.91	2 246.74
Boreal Shield	Coniferous	151.08	332.00	589.09	1 197.55	1 951.74	1 386.86	315.30	148.76	22.64	3.80	0.39	0.00	6 099.21
	Mixedwood	129.32	199.14	453.69	790.95	742.92	115.45	45.77	16.71	2.98	5.00	1.09	0.00	2 503.02
	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	2 359.51	3 106.64	1 608.33	410.23	187.85	31.15	9.02	1.72	63.64	10 041.23
Atlantic Maritime	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
	Mixedwood	36.94	66.28	194.25	117.87	45.52	4.76	0.68	0.00	0.21	0.00	0.00	0.00	466.51
	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	297.37
	Non-treed	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.30	6.39
	Subtotal	95.25	171.35	517.67	314.93	159.11	29.49	3.73	0.63	0.21	0.06	0.04	6.30	1 298.77
Mixedwood Plains	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	173.14
	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	79.25
	Coniferous	1.39	9.12	9.65	4.99	1.43	0.17	0.49	0.00	0.00	0.00	0.00	0.00	27.24
	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	7.73	48.34	116.40	67.73	31.84	5.22	1.86	0.51	0.00	0.00	0.00	0.65	280.28
Boreal Plains	Coniferous	6.94	29.18	204.45	384.12	304.15	239.81	117.54	65.42	28.94	7.81	8.05	0.00	1 396.41
	Broadleaf	13.62	68.38	351.66	298.20	156.08	90.87	21.19	1.47	0.66	0.03	0.00	0.00	1 002.16
	Mixedwood	3.84	18.95	100.93	114.96	135.91	83.18	34.66	12.15	2.13	0.16	0.14	0.00	507.01
	Non-treed	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.80	14.86
	Subtotal	24.44	116.52	657.05	797.28	596.14	413.86	173.39	79.04	31.73	8.00	8.19	14.80	2 920.44
Prairies	Broadleaf	0.11	0.09	32.03	48.90	61.52	0.02	0.00	0.01	0.00	0.00	0.00	0.00	142.68
	Coniferous	0.00	0.00	0.04	1.70	0.35	3.16	0.00	0.00	0.00	0.00	0.00	0.00	5.25
	Mixedwood	0.00	0.02	0.27	1.22	0.50	0.02	0.00	0.00	0.00	0.00	0.00	0.00	2.03
	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	0.11	0.11	32.34	51.82	62.37	3.20	0.00	0.01	0.00	0.00	0.00	0.19	150.15
Taiga Cordillera	Coniferous	0.00	15.26	9.92	4.25	9.91	421.98	8.86	1.84	0.28	0.00	0.00	0.00	472.30
	Mixedwood	0.05	1.04	0.90	0.75	1.26	7.83	0.14	1.09	0.00	0.00	0.00	0.00	13.06
	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	13.79	11.17	429.81	9.00	2.93	0.28	0.00	0.00	0.00	494.22
	Boreal Cordillera	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
Mixedwood		0.36	7.71	19.46	20.94	21.12	23.62	20.56	10.06	10.96	0.00	8.45	0.00	143.24
Broadleaf		0.32	4.12	9.46	10.18	1.57	5.42	7.60	3.76	1.45	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	65.51	93.57	271.64	235.35	151.06	112.76	120.42	24.37	250.62	0.88	1 354.87
Pacific Maritime	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	2 795.49
	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	56.11
	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	194.17	124.34	122.14	97.32	43.36	55.40	52.86	1 976.77	4.47	2 900.24
Montane Cordillera	Coniferous	7.65	53.84	97.31	311.79	424.57	537.59	657.84	475.36	344.46	320.62	1 328.25	0.00	4 559.28
	Mixedwood	1.18	8.11	6.28	29.62	64.12	40.56	35.82	12.93	6.63	1.37	3.89	0.00	210.51
	Broadleaf	0.02	1.33	4.81	11.48	30.50	21.26	10.20	1.70	1.14	0.22	0.53	0.00	83.19
	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	8.85	63.28	108.40	352.89	519.19	599.41	703.86	489.99	352.23	322.21	1 332.67	7.64	4 860.62
Hudson Plains	Coniferous	2.03	2.10	0.84	4.83	17.16	134.69	1.48	2.03	0.00	0.00	0.00	0.00	165.16
	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
	Broadleaf	0.00	0.00	0.00	2.57	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	2.65
	Subtotal	2.03	2.12	1.27	7.85	66.68	134.77	1.48	2.03	0.00	0.00	0.00	3.74	221.97
Canada	Coniferous	204.98	608.27	1 276.96	2 476.12	5 228.14	3 944.04	2 234.73	870.21	569.97	412.54	3 558.27	0.00	21 384.23
	Mixedwood	174.22	320.03	846.13	1 134.24	1 392.58	352.68	158.43	68.97	23.75	8.37	14.38	0.00	4 493.78
	Broadleaf	97.57	193.86	947.29	1 083.52	800.83	279.31	104.19	34.21	9.67	0.61	2.16	0.00	3 553.22
	Non-treed	0.25	0.37	0.17	0.19	0.36	0.03	0.01	0.00	0.04	0.00	0.00	117.38	118.80
	Total	477.02	1 122.53	3 070.55	4 694.07	7 421.91	4 576.06	2 497.36	973.39	603.43	421.52	3 574.81	117.38	29 550.03

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. The total area amounts to 262,189.89 thousand ha.

¹ Missing or unknown age class.