

**Table 16.1. Total tree volume (million m<sup>3</sup>) by species group, age class and terrestrial ecozone in Canada.**

Terrestrial ecozone	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 <sup>1</sup>
Taiga Plains	Spruce	0.44	0.62	35.16	126.42	3 863.83	87.21	90.02	79.76	23.80	11.36	9.82	0.00	4 328.44
	Poplar	0.02	3.82	105.45	412.23	120.60	100.37	41.18	14.06	0.48	0.00	0.00	0.00	798.21
	Pine	0.04	0.59	9.51	15.10	6.02	12.11	25.21	8.60	0.04	0.00	0.08	0.00	77.30
	Birch	< 0.01	1.38	11.90	12.34	7.38	5.52	1.60	0.00	0.00	0.00	0.00	0.00	40.12
	Larch	0.00	0.00	0.19	0.53	1.41	1.51	0.82	0.72	0.09	0.18	1.32	0.00	6.78
	Fir	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	Unclassified	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subtotal	0.51	6.41	162.20	566.62	3 999.24	206.72	158.84	103.14	24.41	11.54	11.22	0.00	5 250.85
Taiga Shield	Spruce	0.82	0.43	2.81	207.33	437.78	1 311.26	788.46	0.37	0.00	0.00	0.00	0.00	2 749.26
	Poplar	0.32	0.00	0.09	0.00	41.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.50
	Fir	0.00	0.00	0.01	2.08	0.13	9.37	1.05	0.32	0.00	0.00	0.00	0.00	12.96
	Other hardwoods	0.00	0.05	0.00	0.17	2.07	2.63	0.02	0.00	0.00	0.00	0.00	0.00	4.93
	Pine	1.64	0.03	0.14	0.00	0.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	3.14
	Birch	0.04	0.06	0.14	0.23	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.67
	Larch	< 0.01	0.00	< 0.01	0.03	0.07	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.20
	Unclassified	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal	2.82	0.56	3.20	209.84	483.34	1 324.59	789.52	0.79	0.00	0.00	0.00	0.00	2 814.67	
Boreal Shield	Spruce	21.48	360.42	635.72	1 519.86	2 740.19	2 036.75	394.16	214.95	27.75	3.92	0.37	0.00	7 955.57
	Poplar	30.04	138.72	393.95	959.05	726.77	92.52	18.10	1.40	2.26	0.76	0.00	0.00	2 363.58
	Pine	70.12	180.53	278.43	492.02	479.35	109.89	35.56	11.36	1.09	0.03	0.00	0.00	1 658.37
	Birch	10.04	89.96	357.76	412.93	336.04	53.41	23.87	4.52	1.95	0.35	0.47	0.00	1 291.31
	Maple	4.30	14.01	185.42	91.20	312.75	92.91	56.79	31.23	5.58	4.86	0.26	0.00	799.30
	Fir	9.07	61.28	145.99	175.60	208.48	64.47	15.33	6.53	2.75	1.30	0.17	0.00	690.98
	Unspecified conifers	187.53	92.25	7.99	0.39	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	288.20
	Cedar & other conifers	0.03	5.26	11.04	20.73	31.54	12.90	10.39	8.71	0.94	0.44	0.00	0.00	101.98
	Larch	1.05	6.01	14.20	13.96	15.73	15.13	8.94	5.00	0.84	0.00	0.00	0.00	80.87
	Other hardwoods	1.09	3.45	14.93	30.91	19.03	8.55	2.12	0.26	0.09	0.00	0.00	0.00	80.44
	Unspecified hardwoods	71.82	8.17	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.26
	Unclassified	43.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.02
	Hemlock	0.00	0.00	3.90	5.84	9.17	5.88	6.70	1.82	0.35	1.59	1.30	0.00	36.55
Subtotal	449.60	960.07	2 049.60	3 722.50	4 879.10	2 492.42	571.97	285.77	43.60	13.25	2.56	0.00	15 470.43	
Atlantic Maritime	Fir	18.06	109.77	184.24	154.60	56.56	7.55	1.16	0.01	0.00	0.00	0.00	0.00	531.96
	Spruce	19.19	50.44	223.25	123.63	77.98	19.68	1.32	0.41	0.30	0.00	0.00	0.00	516.20
	Maple	11.19	30.09	196.28	100.33	55.89	2.87	1.16	0.23	0.00	0.00	0.04	0.00	398.07
	Poplar	7.73	27.11	76.22	40.71	5.27	0.21	0.00	0.19	0.00	0.10	0.00	0.00	157.54
	Birch	6.32	18.27	54.45	28.10	18.02	0.81	0.00	0.00	0.00	0.00	0.00	0.00	125.96
	Cedar & other conifers	0.55	2.12	13.80	9.67	19.27	15.24	2.06	0.12	0.00	0.00	0.00	0.00	62.83
	Unspecified conifers	38.34	14.98	0.09	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.60
	Pine	5.92	3.52	13.90	11.44	6.35	1.49	0.13	0.00	0.00	0.00	0.00	0.00	42.74
	Other hardwoods	16.41	3.34	1.74	2.69	0.06	0.13	0.00	0.00	0.00	0.00	0.00	0.00	24.36
	Unspecified hardwoods	13.62	2.17	0.90	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.85
	Larch	1.01	2.98	6.12	2.02	0.57	0.10	0.00	0.04	0.00	0.00	0.00	0.00	12.83
Subtotal	141.48	265.62	774.97	474.25	241.46	48.07	5.87	0.98	0.30	0.10	0.04	0.00	1 953.15	
Mixedwood Plains	Maple	1.51	15.49	82.07	56.20	29.74	5.28	1.07	0.56	0.00	0.00	0.00	0.00	191.91
	Poplar	2.15	19.08	26.87	5.90	2.62	0.24	0.00	0.00	0.00	0.00	0.00	0.00	56.86
	Other hardwoods	0.62	7.99	16.98	18.71	4.38	0.93	0.22	0.00	0.00	0.00	0.00	0.00	49.83
	Cedar & other conifers	0.15	7.03	20.27	9.05	3.24	0.61	1.21	0.00	0.00	0.00	0.00	0.00	41.56
	Pine	2.73	9.70	10.11	4.52	0.82	0.36	0.00	0.20	0.00	0.00	0.00	0.00	28.44
	Fir	0.02	12.85	8.32	1.80	0.77	0.00	0.33	0.00	0.00	0.00	0.00	0.00	24.09
	Birch	0.43	3.15	2.99	0.24	1.97	< 0.01	0.00	0.00	0.00	0.00	0.00	0.00	8.78
	Spruce	0.35	1.38	4.21	0.84	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.92
	Hemlock	0.00	< 0.01	3.66	0.77	1.83	0.00	0.10	0.00	0.00	0.00	0.00	0.00	6.36
	Unspecified hardwoods	3.35	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.58
	Larch	0.02	0.41	1.52	0.86	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.83
Subtotal	12.81	77.82	176.99	98.89	45.53	7.42	2.92	0.76	0.00	0.00	0.00	0.00	423.13	
	Spruce	2.43	38.00	384.27	678.21	599.39	332.10	219.28	113.76	48.92	14.63	15.83	0.00	2 446.84
	Poplar	28.38	147.59	766.70	679.50	410.12	268.92	67.86	7.29	1.63	0.06	0.00	0.00	2 378.06
	Pine	12.03	44.66	148.65	155.53	163.88	208.54	53.33	29.91	4.54	0.64	0.01	0.00	821.71
	Larch	0.14	2.99	10.85	26.83	30.65	17.35	7.40	2.52	5.22	0.19	0.00	0.00	104.15
	Birch	0.33	5.08	28.31	6.27	4.33	0.52	0.10	0.12	0.00	0.00	0.00	0.00	45.05

Terrestrial Boreal Plains	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 <sup>1</sup>
	Fir	0.03	2.59	3.39	3.62	3.17	2.08	0.51	3.04	0.86	0.41	0.95	0.00	20.64
	Other hardwoods	0.00	1.00	0.53	0.17	0.17	< 0.01	0.00	0.01	0.00	0.00	0.00	0.00	1.89
	Maple	0.07	0.25	0.10	0.73	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	1.40
	Unclassified	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subtotal	43.40	242.16	1 342.80	1 550.87	1 211.72	829.75	348.47	156.67	61.17	15.94	16.78	0.00	5 819.73
Prairies	Poplar	0.22	0.21	60.36	95.54	121.04	0.03	0.00	0.01	0.00	0.00	0.00	0.00	277.43
	Spruce	0.00	0.00	0.39	5.07	1.12	6.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59
	Pine	0.00	0.00	0.00	0.99	0.50	0.33	0.00	0.00	0.00	0.00	0.00	0.00	1.82
	Birch	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
	Fir	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	Unclassified	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subtotal	0.22	0.21	60.76	101.63	122.67	6.36	0.00	0.01	0.00	0.00	0.00	0.00	291.86
Taiga Cordillera	Spruce	0.03	2.68	1.54	3.91	7.77	791.43	10.35	5.32	0.51	0.00	0.00	0.00	823.53
	Fir	0.00	0.01	1.04	2.77	8.69	4.99	6.25	0.01	0.00	0.00	0.00	0.00	23.75
	Birch	< 0.01	0.01	0.22	18.72	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.00
	Pine	0.00	0.01	0.69	1.04	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.05
	Poplar	0.00	0.01	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
	Subtotal	0.04	2.73	3.49	26.43	17.02	796.42	16.60	5.32	0.51	0.00	0.00	0.00	868.55
Boreal Cordillera	Spruce	0.06	3.92	18.58	76.07	335.23	294.18	129.57	92.13	139.52	21.74	227.28	0.00	1 338.27
	Pine	0.02	9.38	35.19	30.97	107.16	80.78	99.47	76.07	49.97	5.10	41.88	0.00	535.99
	Fir	0.01	0.79	2.11	11.29	27.91	30.20	26.17	26.41	22.62	12.47	133.26	0.00	293.23
	Poplar	0.07	2.12	34.30	25.36	6.62	23.02	20.79	10.76	3.93	0.00	6.99	0.00	133.95
	Birch	0.07	1.51	2.28	5.61	3.93	0.29	0.21	0.00	0.00	0.00	0.00	0.00	13.89
	Unclassified	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Subtotal	0.23	17.73	92.45	149.29	480.83	428.48	276.20	205.37	216.04	39.30	409.41	0.00	2 315.34
Pacific Maritime	Hemlock	0.23	41.28	84.70	133.69	68.26	70.18	63.32	35.91	22.41	25.52	1 733.14	0.00	2 278.63
	Cedar & other conifers	0.62	1.80	10.92	5.79	5.78	5.92	6.49	2.48	8.55	18.68	792.27	0.00	859.30
	Douglas-fir	0.02	22.82	84.36	126.95	82.55	61.34	59.78	13.60	34.67	10.04	140.21	0.00	636.32
	Fir	0.32	8.23	5.42	3.29	4.53	16.38	4.76	8.38	16.81	4.64	472.25	0.00	545.01
	Spruce	0.26	3.89	2.67	0.97	11.01	0.86	1.58	2.02	2.74	16.34	94.64	0.00	136.97
	Other hardwoods	0.05	3.86	23.21	19.24	10.70	5.49	0.21	0.00	0.00	0.00	0.00	0.00	62.75
	Pine	0.01	0.10	2.06	2.60	4.91	19.39	12.91	1.87	0.21	6.03	9.45	0.00	59.56
	Poplar	0.00	0.66	1.06	4.74	9.20	10.61	3.07	3.97	1.88	2.25	1.30	0.00	38.77
	Maple	0.00	0.51	2.30	8.71	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.84
	Birch	0.01	0.20	0.12	3.41	1.02	2.13	0.38	0.00	0.00	0.00	0.00	0.00	7.27
	Unspecified hardwoods	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unclassified	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Subtotal	1.51	83.35	216.83	309.39	198.28	192.29	152.50	68.22	87.27	83.50	3 243.26	0.00	4 636.42
Montane Cordillera	Pine	3.50	33.38	70.78	313.65	412.90	437.38	545.11	327.93	183.86	106.87	115.83	0.00	2 551.17
	Spruce	1.08	7.58	20.51	62.96	97.88	162.44	265.79	252.18	204.74	224.35	755.62	0.00	2 055.12
	Fir	0.32	13.79	22.49	46.50	59.71	59.94	114.23	113.43	115.25	137.14	697.02	0.00	1 379.83
	Douglas-fir	1.46	18.29	27.16	89.54	138.46	209.76	172.95	108.48	57.26	39.68	153.55	0.00	1 016.58
	Hemlock	< 0.01	3.62	9.09	11.82	24.88	12.18	5.11	18.85	16.48	17.53	293.01	0.00	412.57
	Poplar	0.96	4.03	10.88	32.53	75.18	49.91	33.06	7.07	4.53	0.58	1.94	0.00	220.67
	Cedar & other conifers	< 0.01	3.23	1.09	4.49	6.01	5.86	2.51	6.45	6.35	12.65	153.08	0.00	201.73
	Larch	0.33	0.57	5.19	22.83	24.86	26.05	14.32	7.65	2.31	2.94	12.93	0.00	119.98
	Birch	0.23	0.65	1.63	7.42	12.32	8.34	3.19	0.46	0.00	0.00	0.00	0.00	34.24
	Other hardwoods	0.00	< 0.01	0.00	0.00	0.00	0.00	0.00	0.43	0.10	0.00	0.00	0.00	0.54
Unclassified	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Subtotal	7.88	85.13	168.82	591.74	852.21	971.87	1 156.26	842.93	590.88	541.73	2 182.99	0.00	7 992.44
Hudson Plains	Spruce	0.03	0.26	1.09	5.98	99.93	229.47	2.26	3.23	0.00	0.00	0.00	0.00	342.25
	Poplar	0.02	0.00	0.00	5.13	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	5.26
	Pine	0.07	2.67	0.40	1.07	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.56
	Larch	0.02	0.00	0.01	0.07	0.01	0.20	0.00	0.04	0.00	0.00	0.00	0.00	0.35
	Fir	0.00	0.00	0.00	0.11	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
	Cedar & other conifers	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.09
	Birch	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
	Unspecified conifers	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
Unclassified	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Subtotal	0.14	3.00	1.50	12.45	100.33	229.78	2.34	3.27	0.00	0.00	0.00	0.00	352.80
	Spruce	46.17	469.62	1 330.20	2 811.25	8 272.26	5 271.37	1 902.80	764.12	448.26	292.34	1 103.56	0.00	22 711.95
	Poplar	69.91	343.35	1 475.89	2 260.69	1 518.72	545.96	184.07	44.75	14.71	3.75	10.24	0.00	6 472.04
	Pine	96.09	284.58	569.86	1 028.92	1 182.54	871.58	771.73	455.94	239.72	118.67	167.24	0.00	5 786.85
	Fir	27.84	209.31	373.00	401.68	369.99	194.99	169.78	158.13	158.28	155.96	1 303.66	0.00	3 522.63
	Hemlock	0.30	45.74	105.33	152.85	105.65	88.23	75.26	56.57	39.24	44.64	2 027.45	0.00	2 741.27

Terrestrial ecozone	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 <sup>1</sup>
Canada	Douglas-fir	1.48	41.10	111.52	216.49	221.01	271.10	232.73	122.07	91.93	49.71	293.76	0.00	1 652.90
	Birch	17.46	120.28	459.79	495.36	387.25	71.03	29.34	5.10	1.95	0.35	0.47	0.00	1 588.37
	Maple	17.07	60.35	466.17	257.17	398.71	101.31	59.01	32.01	5.58	4.86	0.30	0.00	1 402.53
	Cedar & other conifers	1.35	19.44	57.12	49.74	65.84	40.54	22.75	17.76	15.84	31.77	945.35	0.00	1 267.49
	Unspecified conifers	227.35	107.80	8.07	0.57	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	343.84
	Larch	2.57	12.95	38.09	67.14	73.32	60.34	31.47	16.06	8.47	3.31	14.26	0.00	327.99
	Other hardwoods	18.17	19.70	57.38	71.89	36.41	17.73	2.56	0.71	0.19	0.00	0.00	0.00	224.74
	Unspecified hardwoods	88.79	10.56	1.18	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.68
	Unclassified	46.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.08
	<b>Total</b>	<b>660.63</b>	<b>1 744.78</b>	<b>5 053.60</b>	<b>7 813.90</b>	<b>12 631.74</b>	<b>7 534.16</b>	<b>3 481.51</b>	<b>1 673.23</b>	<b>1 024.17</b>	<b>705.37</b>	<b>5 866.26</b>	<b>0.00</b>	<b>48 189.35</b>

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.