

Table 18.0. Total above-ground biomass (million tonnes) on forest land by species group and age class in Canada.

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
Spruce	55.30	348.68	1 080.96	1 775.55	2 560.63	3 165.25	2 527.74	1 053.71	290.69	114.80	559.11	3.38	13 535.82
Poplar	105.77	314.32	534.24	1 133.44	1 005.80	460.12	215.65	81.44	10.93	8.34	9.39	0.23	3 879.67
Pine	79.35	321.19	353.83	546.56	571.59	466.84	393.51	226.29	95.47	43.17	99.01	0.41	3 197.21
Fir	23.48	180.69	293.42	250.47	319.95	161.63	163.96	148.12	135.68	105.65	706.09	0.18	2 489.31
Hemlock	6.47	45.91	89.32	83.18	89.27	44.38	50.07	29.29	37.78	23.49	1 209.71	0.00	1 708.86
Maple	10.62	46.15	283.28	366.51	341.92	82.85	10.96	4.64	3.31	0.00	0.48	0.01	1 150.73
Birch	24.31	126.85	255.77	282.42	271.03	86.50	22.14	6.64	0.54	0.73	1.14	0.20	1 078.27
Douglas-fir	2.52	19.63	79.46	113.31	131.43	168.74	167.26	126.59	43.90	37.89	186.49	0.00	1 077.22
Cedar & other conifers	2.50	13.91	35.60	32.37	40.44	31.37	15.03	14.94	13.38	20.56	602.61	0.00	822.72
Larch	8.98	21.75	58.13	77.70	78.18	63.81	44.13	18.66	5.98	2.35	10.96	0.11	390.75
Unspecified conifers	70.77	81.50	19.77	4.73	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.15	177.73
Other hardwoods	1.61	14.59	49.30	53.11	36.28	12.35	2.52	0.93	0.15	1.15	4.03	0.03	176.06
Unclassified	1.58	< 0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.87	94.45
Unspecified hardwoods	43.07	21.98	14.13	2.70	6.71	0.28	0.11	0.00	0.00	0.00	0.00	< 0.01	88.98
Total	436.33	1 557.16	3 147.21	4 722.04	5 454.04	4 744.11	3 613.07	1 711.27	637.82	358.12	3 389.03	97.58	29 867.78

Source: Canada's National Forest Inventory, combined re-measured (2007-2017) and projected (2006-2017 with NFI projection system) data (Version 1, July 2021) (<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.

¹ Missing or unknown age class.