

Table 9.4. Area (1000 ha) of forest land by IUCN¹ category, age class and managed forest region in Canada.

Managed forests	IUCN category	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 ²		
0	NA	7.30	25.63	66.08	67.83	52.34	71.83	40.89	16.84	20.14	2.84	46.00	25.79	443.52	
	Ia	0.00	0.09	0.00	0.00	0.00	0.20	0.00	0.00	0.42	0.00	1.88	0.00	2.59	
	Ib	0.00	2.16	10.47	0.72	2.38	0.00	0.00	0.00	0.00	0.00	0.55	0.48	16.76	
	II	0.00	3.01	7.19	10.02	10.72	7.26	10.00	5.82	2.52	1.97	27.25	0.70	86.45	
	III	0.34	0.05	1.54	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.62	
	IV	0.00	0.00	0.57	0.33	0.63	0.60	0.00	0.00	0.00	0.00	0.00	0.00	1.33	3.46
	V	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<0.01	0.00	<0.01	
	VI	<0.01	0.11	<0.01	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.10	
Subtotal	7.64	31.05	85.86	81.56	66.07	79.89	50.89	22.65	23.08	4.81	75.67	28.31	557.49		
11	NA	12 316.66	16 033.36	18 363.01	25 353.49	23 848.52	12 403.46	12 348.30	5 321.88	2 777.39	1 473.40	9 982.29	6 431.55	146 653.30	
	Ia	0.35	0.21	1.64	0.60	1.73	0.00	0.18	0.00	<0.01	0.00	0.15	0.00	4.87	
	Ib	0.74	9.60	8.32	22.53	11.27	6.39	0.72	0.59	0.20	0.10	3.34	0.03	63.83	
	II	3.74	22.35	18.88	27.01	19.75	7.08	7.49	7.34	2.05	1.56	12.49	0.58	130.32	
	III	0.56	1.75	1.00	1.63	0.76	1.65	0.92	0.00	0.00	0.00	0.10	0.00	8.36	
	IV	5.48	7.34	26.22	24.38	69.68	1.76	10.99	0.60	0.12	0.00	0.89	0.11	147.57	
	V	0.08	0.00	0.00	0.06	0.07	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.62	
	VI	0.08	0.95	5.56	10.69	3.32	0.30	0.41	0.00	0.00	0.05	0.00	0.12	21.48	
Other	0.33	18.70	11.97	1.87	0.94	0.26	0.02	0.00	0.00	0.00	0.00	0.00	34.10		
Subtotal	12 328.01	16 094.27	18 436.61	25 442.25	23 956.04	12 421.31	12 369.03	5 330.40	2 779.76	1 475.12	9 999.25	6 432.40	147 064.44		
12	NA	1 099.11	2 881.51	2 735.05	3 737.25	3 194.22	1 741.45	1 541.23	372.66	115.06	60.38	298.22	1 911.81	19 687.94	
	Ia	0.52	0.18	1.35	2.42	3.50	0.17	0.49	0.03	0.00	0.00	0.00	<0.01	8.66	
	Ib	0.10	0.00	0.19	0.62	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.21	1.13	
	II	0.01	6.65	35.00	79.76	20.65	12.26	2.31	2.43	0.00	0.00	0.74	1.25	161.07	
	IV	<0.01	0.00	1.93	0.98	0.79	2.83	0.10	0.00	0.00	0.00	0.00	<0.01	6.64	
	VI	0.20	0.00	<0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	
Subtotal	1 099.94	2 888.33	2 773.52	3 821.03	3 219.16	1 756.72	1 544.15	375.12	115.06	60.38	298.96	1 913.27	19 865.64		
13	NA	3 330.66	8 562.33	11 449.81	10 487.23	14 932.03	31 888.25	21 328.98	7 789.10	238.79	89.53	566.10	5 385.81	116 048.60	
	Ib	19.86	58.43	34.88	28.77	62.24	378.07	1.61	0.00	0.09	0.00	0.00	0.92	584.87	
	II	1.18	1.96	2.31	3.63	9.78	4.17	183.97	0.50	0.00	0.00	0.00	6.51	214.01	
	IV	0.00	0.00	0.32	0.36	0.23	0.00	2.14	0.00	0.01	0.00	0.00	0.00	3.06	
	VI	19.39	1.55	35.61	32.65	25.31	178.72	1.15	0.48	0.00	0.00	0.00	0.00	294.86	
	Other	34.99	163.66	177.87	128.84	82.95	75.81	19.36	3.16	0.00	0.00	0.00	0.03	686.66	
Subtotal	3 406.08	8 787.93	11 700.80	10 681.48	15 112.52	32 525.03	21 537.21	7 793.24	238.88	89.53	566.10	5 393.27	117 832.06		
20	NA	22.31	56.74	108.84	102.52	73.89	23.33	38.98	6.73	6.06	1.56	21.69	18.38	481.02	
	Ia	0.91	52.61	53.21	45.49	64.91	7.83	48.41	3.43	4.88	0.00	2.03	0.00	283.70	
	Ib	325.92	524.38	996.83	1 474.71	960.19	751.43	1 013.47	221.96	183.51	72.50	1 069.99	374.33	7 969.21	
	II	432.72	1 843.45	2 672.05	3 049.06	3 218.16	3 412.77	2 535.83	1 143.19	416.60	317.27	2 103.33	507.77	21 652.19	
	III	14.52	12.15	16.92	16.50	25.89	22.54	15.01	0.00	0.00	0.12	0.00	<0.01	123.65	
	IV	20.37	61.24	144.89	205.83	159.85	21.15	109.88	18.08	6.40	0.17	37.53	72.94	858.35	
	V	0.23	0.09	2.17	1.10	6.70	2.98	2.30	0.00	0.00	0.00	0.00	0.00	15.57	
	VI	0.00	0.13	0.41	0.00	<0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	
Other	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.06		
Subtotal	816.97	2 550.79	3 995.30	4 895.21	4 509.59	4 242.09	3 763.88	1 393.38	617.44	391.49	3 234.70	973.43	31 384.29		
31	NA	59.72	341.71	136.08	300.28	166.84	101.44	51.45	130.71	22.49	0.67	12.88	12.35	1 336.63	
	Ia	0.00	0.10	0.00	0.39	0.40	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.95	
	Ib	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	
	II	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	
Subtotal	59.72	341.81	136.08	301.06	167.24	101.50	51.45	130.71	22.49	0.67	12.88	12.35	1 337.97		
32	NA	140.38	385.42	326.21	253.69	234.87	119.59	65.26	25.85	12.13	16.30	31.84	29.65	1 641.18	
	Ib	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	
	II	0.00	0.67	0.22	0.01	0.04	0.05	0.03	0.00	0.00	0.00	0.00	0.00	1.01	
Subtotal	140.38	386.09	326.43	253.69	234.91	119.64	65.28	25.85	12.13	16.30	31.84	29.65	1 642.19		
33	NA	770.85	1 172.83	1 128.91	1 533.67	1 013.15	826.22	1 413.47	576.12	487.67	232.18	1 362.02	699.61	11 216.70	
	Ia	0.63	1.48	4.66	14.78	3.53	1.03	0.01	0.00	0.00	0.00	0.00	0.00	26.11	
	Ib	0.49	0.61	3.87	21.04	20.01	2.38	0.10	0.04	0.52	0.00	0.10	2.82	51.98	
	II	4.51	1.35	18.04	49.78	78.09	98.80	96.12	24.36	59.46	1.83	115.05	5.50	552.89	
	III	0.00	0.01	0.51	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.65	
	IV	4.28	8.57	28.54	24.90	91.23	4.76	9.33	0.40	0.00	0.00	0.00	0.43	172.44	
	VI	0.00	0.00	0.00	1.71	0.20	6.90	3.42	0.00	0.00	0.00	0.00	0.00	12.22	
	Other	6.84	9.03	32.85	44.27	39.40	34.42	7.31	1.34	0.00	0.26	0.00	19.16	194.87	
Subtotal	787.60	1 193.88	1 217.38	1 690.16	1 245.67	974.50	1 529.75	602.26	547.65	234.26	1 477.21	727.52	12 227.87		
40	NA	159.56	380.58	681.02	726.09	768.23	2 447.76	1 011.95	253.72	38.23	8.75	132.62	38.25	6 646.75	
	Ib	0.00	0.00	0.00	0.00	0.00	7.60	7.72	0.00	0.00	0.00	0.00	0.00	15.32	
	II	0.00	0.00	0.00	0.00	0.00	0.08	0.10	0.00	0.00	0.00	0.00	0.00	0.18	
	IV	0.00	0.60	4.69	5.40	0.00	0.00	14.82	0.00	0.00	0.00	0.00	0.00	25.52	
	VI	0.00	5.80	10.74	5.21	0.19	1.05	0.00	0.00	0.00	0.00	0.00	0.00	22.99	

Managed forests	IUCN category	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 ²	
	Subtotal	159.56	386.99	696.45	736.70	768.41	2 456.48	1 034.60	253.72	38.23	8.75	132.62	38.25	6 710.75
50	NA	2 282.68	4 193.61	5 938.62	5 539.76	3 025.59	1 082.47	408.61	143.59	61.24	34.33	209.22	1 393.87	24 313.57
	Ia	0.03	0.95	0.98	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06
	Ib	0.01	0.03	0.53	1.44	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16
	II	0.74	2.53	4.45	4.78	3.65	1.40	0.47	0.46	0.07	0.00	0.58	<0.01	19.14
	III	0.14	0.27	0.03	0.27	0.26	0.30	0.00	0.00	0.00	0.00	0.00	0.00	1.26
	IV	4.20	3.93	4.67	3.21	2.03	0.52	1.98	0.00	0.00	0.00	0.00	0.70	21.24
	V	0.15	0.00	0.00	0.04	0.73	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.01
	VI	0.12	0.32	0.75	2.70	6.01	2.11	0.09	0.00	1.70	2.03	0.00	<0.01	15.84
	Other	0.00	0.13	0.00	0.34	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79
	Subtotal	2 288.06	4 201.77	5 950.04	5 552.65	3 038.72	1 086.89	411.15	144.05	63.00	36.35	209.81	1 394.58	24 377.06
100	NA	173.95	492.16	557.32	527.74	762.22	596.93	620.99	202.41	2.95	1.73	22.52	176.77	4 137.69
	Ia	0.00	0.56	0.28	0.74	0.97	0.00	0.97	0.00	0.00	0.00	0.00	0.00	3.52
	Ib	9.96	9.08	19.90	38.86	26.51	6.52	28.69	1.95	0.87	0.05	1.67	7.88	151.94
	II	13.23	22.08	63.42	52.53	49.52	37.96	41.42	2.25	1.45	0.04	1.46	6.93	292.27
	III	0.00	0.19	0.02	0.29	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.52
	IV	0.02	1.57	2.92	6.10	16.90	0.46	6.94	0.71	0.00	0.00	0.00	0.00	35.62
	V	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
	VI	2.05	0.03	1.82	0.42	0.00	0.01	0.00	0.00	0.00	0.00	0.00	<0.01	4.33
	Other	2.40	3.38	4.35	6.54	8.33	0.73	0.26	0.07	0.00	0.00	0.00	0.06	26.11
	Subtotal	201.61	529.06	650.02	633.22	864.84	642.62	699.27	207.38	5.27	1.81	25.66	191.64	4 652.40
Canada	NA	20 363.18	34 525.87	41 490.94	48 629.54	48 071.88	51 302.73	38 870.11	14 839.59	3 782.14	1 921.67	12 685.40	16 123.84	332 606.89
	Ia	2.42	56.18	62.12	64.52	75.03	9.29	50.07	3.46	5.31	0.00	4.06	<0.01	332.46
	Ib	357.08	604.30	1 074.98	1 588.69	1 082.75	1 152.39	1 052.32	224.54	185.18	72.65	1 075.64	386.67	8 857.19
	II	456.13	1 904.04	2 821.56	3 276.98	3 410.34	3 581.84	2 877.74	1 186.35	482.14	322.66	2 260.90	529.25	23 109.92
	III	15.56	14.41	20.02	19.39	26.96	24.51	15.93	0.00	0.00	0.00	0.27	<0.01	137.06
	IV	34.35	83.25	214.77	271.49	341.34	32.08	156.18	19.78	6.53	0.17	38.42	75.52	1 273.88
	V	0.46	0.09	2.17	1.21	7.90	3.48	2.30	0.00	0.00	0.00	<0.01	0.00	17.61
	VI	21.84	8.90	54.88	55.36	35.03	189.08	5.07	0.48	1.70	2.08	0.00	0.14	374.56
	Other	44.56	194.91	227.04	181.86	131.93	111.28	26.94	4.57	0.00	0.26	0.00	19.25	942.60
	Total	21 295.58	37 391.97	45 968.49	54 089.03	53 183.16	56 406.68	43 056.67	16 278.76	4 463.00	2 319.47	16 064.69	17 134.67	367 652.17

Source: Canada's National Forest Inventory, combined remeasured (2007-2017) and projected (2006-2017 with NFI projection system) data (Version 2, November 2022) (<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 IUCN: International Union for Conservation of Nature (<http://www.iucn.org>). Data obtained from the Canadian Protected and Conserved Areas Database (CPCAD) (<https://www.canada.ca/en/environment-climate-change/services/national-wildlife-areas/protected-conserved-areas-database.html>).

² Missing or unknown age class.

International Union for Conservation of Nature (IUCN) category

IUCN Category	Description
NA	Not protected
Ia	Protected area managed mainly for science
Ib	Protected area managed mainly for wilderness protection
II	Protected area managed mainly for ecosystem protection and recreation
III	Protected area managed mainly for conservation of specific natural features
IV	Protected area managed mainly for conservation through management intervention
V	Protected area managed mainly for landscape/seascape protection and recreation
VI	Protected area managed mainly for the sustainable use of natural resources
Other	Protected with missing or unknown category

Managed forest

Code	Description
0	Not available
11	Long term volume or area based Crown timber dispositions
12	Short term volume or area based Crown timber dispositions
13	No current Crown timber dispositions
20	Legal protection status (IUCN class IA, IB, II, III, IV, V, VI equivalent)
31	Reserved by the Federal government for military or other purposes
32	Reserved by the Federal government under the Indian Act
33	Reserved or designated restricted use by provincial or territorial government
40	Aboriginal lands
50	Privately-owned lands
100	Water