

**Table 18.1a. Relative standard errors (%) of total above-ground biomass on forest land by species group, age class and terrestrial ecozone in Canada.**

Terrestrial ecozone	Species group	Age (years)											
		1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-160	161-180	181-200	201+	Other <sup>d</sup>
Taiga Plains	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5
	Birch	21.0	25.4	21.8	17.5	20.2	37.6	37.4	53.8	52.2	0.0	90.8	0.0
	Poplar	26.9	16.9	16.7	13.4	7.7	16.3	20.1	27.6	55.3	74.8	0.0	0.0
	Larch	42.2	20.5	20.1	15.4	15.7	16.3	27.7	43.3	52.1	58.7	65.2	0.0
	Fir	0.0	100.0	75.5	69.3	80.1	90.5	100.0	0.0	0.0	0.0	0.0	0.0
	Pine	23.9	18.7	22.2	18.7	16.6	29.4	26.5	44.0	87.7	100.0	100.0	0.0
	Spruce	26.1	13.4	10.5	7.3	7.7	2.9	10.0	14.1	18.8	38.8	34.7	0.0
Taiga Shield	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7
	Other hardwoods	0.0	0.0	100.0	55.9	30.4	19.6	94.7	0.0	0.0	0.0	0.0	0.0
	Maple	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Birch	22.5	25.6	27.5	37.8	36.6	26.0	100.1	0.0	0.0	0.0	0.0	0.0
	Poplar	41.7	27.3	45.4	30.7	54.9	8.4	78.3	0.0	0.0	0.0	0.0	0.0
	Unspecified conifers	0.0	0.0	100.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Larch	61.3	15.6	10.7	22.1	33.6	29.8	57.3	45.2	50.9	62.7	59.9	0.0
	Fir	100.0	44.0	69.5	48.0	33.6	64.6	13.8	51.7	85.2	0.0	0.0	0.0
	Pine	18.5	15.3	19.3	17.2	25.6	39.4	35.9	100.0	0.0	0.0	0.0	0.0
	Spruce	26.1	12.3	8.7	9.5	6.8	5.1	3.3	4.2	33.8	60.4	20.4	0.0
Boreal Shield	Unclassified	54.4	28.3	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
	Unspecified hardwoods	9.6	15.3	27.8	46.1	28.5	100.0	95.1	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	33.9	21.3	15.5	14.6	18.4	29.7	46.2	47.0	78.1	0.0	0.0	72.7
	Maple	30.5	14.5	9.0	10.2	8.9	17.2	36.0	41.8	84.9	0.0	0.0	0.0
	Birch	9.8	6.5	5.7	6.0	6.3	15.1	17.2	46.5	82.2	68.0	0.0	64.0
	Poplar	7.9	5.7	5.0	5.5	6.0	16.3	25.8	35.0	0.0	71.1	100.0	78.0
	Unspecified conifers	7.8	9.0	23.1	35.8	38.6	0.0	0.0	0.0	0.0	0.0	0.0	100.0
	Cedar & other conifers	76.4	30.7	16.8	16.3	12.8	16.9	19.5	35.2	56.2	0.0	0.0	0.0
	Larch	22.2	10.2	9.8	9.5	11.6	11.9	14.4	22.4	74.2	83.5	0.0	62.7
	Hemlock	0.0	81.7	34.4	31.9	20.0	56.5	38.7	100.0	100.0	0.0	0.0	0.0
	Fir	14.3	6.8	5.9	6.6	5.2	15.5	13.6	35.8	49.4	64.7	88.9	61.2
	Pine	8.1	5.3	5.6	5.7	6.2	12.3	15.6	33.6	67.9	100.0	0.0	100.0
	Spruce	8.5	4.7	3.7	3.2	2.8	4.5	3.7	9.7	18.9	36.5	64.4	32.3
Atlantic Maritime	Unclassified	37.3	57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1
	Unspecified hardwoods	13.4	18.5	31.8	62.7	48.5	99.9	0.0	0.0	0.0	0.0	0.0	100.5
	Other hardwoods	31.5	14.9	51.5	39.5	49.7	98.6	0.0	0.0	0.0	0.0	0.0	0.0
	Maple	21.7	12.9	9.3	7.7	10.0	18.2	37.0	85.6	100.0	0.0	100.0	100.5
	Birch	20.3	13.7	13.2	13.5	14.2	22.0	100.0	0.0	0.0	0.0	0.0	0.0
	Poplar	16.8	13.7	11.5	11.3	19.4	29.4	0.0	100.0	0.0	0.0	0.0	0.0
	Unspecified conifers	14.2	13.1	22.0	42.9	41.7	0.0	0.0	0.0	0.0	0.0	0.0	75.8
	Cedar & other conifers	45.0	35.0	23.6	22.2	15.4	19.4	32.3	80.2	0.0	0.0	0.0	0.0
	Larch	37.7	23.5	16.8	21.9	28.0	53.5	100.0	0.0	0.0	0.0	0.0	0.0
	Hemlock	99.9	100.0	47.5	35.4	44.0	74.3	100.3	98.6	0.0	0.0	0.0	0.0
	Fir	16.3	8.2	6.5	8.6	12.9	17.3	41.3	40.0	0.0	0.0	0.0	0.0
	Pine	42.5	24.8	28.0	25.6	22.1	42.8	47.7	0.0	0.0	0.0	0.0	0.0
	Spruce	14.8	9.6	7.2	5.9	8.3	13.9	35.3	41.6	100.0	98.6	0.0	99.9
Other	Unclassified	63.3	42.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4
	Unspecified hardwoods	26.6	23.9	30.4	59.5	40.5	100.2	0.0	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	51.5	18.3	15.0	13.2	18.3	35.4	60.9	0.0	0.0	0.0	0.0	0.0
	Maple	40.3	15.3	11.1	10.6	13.8	26.9	46.6	57.4	100.0	0.0	0.0	0.0
	Birch	39.2	23.0	20.0	40.1	70.5	75.5	100.0	0.0	0.0	0.0	0.0	0.0
	Poplar	30.2	19.9	12.1	21.8	36.3	57.8	100.0	0.0	0.0	0.0	0.0	0.0

Terrestrial Ecoregion Plains	Species group	Age (years)											
		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>
	Unspecified conifers	39.6	38.2	44.7	87.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Cedar & other conifers	78.6	26.0	17.3	16.6	25.3	35.0	48.8	69.1	0.0	0.0	0.0	0.0
	Larch	56.3	41.8	40.5	47.6	48.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hemlock	0.0	0.0	46.2	67.3	32.7	67.1	0.0	0.0	0.0	0.0	0.0	0.0
	Fir	59.2	37.3	27.1	38.7	77.7	82.8	100.0	0.0	0.0	0.0	0.0	0.0
	Pine	74.1	22.5	20.0	23.6	42.2	79.6	70.8	100.0	0.0	0.0	0.0	0.0
	Spruce	49.9	23.4	21.2	29.4	47.1	0.0	84.3	0.0	0.0	0.0	0.0	0.0
Boreal Plains	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4
	Unspecified hardwoods	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	81.2	38.6	50.0	90.5	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0
	Maple	100.0	43.3	91.1	50.6	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Birch	27.6	19.7	16.9	15.7	26.7	47.5	52.3	82.9	0.0	0.0	0.0	100.0
	Poplar	10.1	7.3	8.0	5.2	6.3	8.0	12.2	25.0	45.1	70.7	0.0	100.0
	Cedar & other conifers	73.4	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Larch	60.4	15.1	11.5	9.6	9.3	11.3	13.1	18.1	30.1	51.0	72.6	0.0
	Fir	100.0	49.7	35.3	48.3	60.3	47.3	68.9	95.6	100.0	100.0	85.3	0.0
	Pine	16.1	10.7	13.1	10.5	10.7	12.5	16.5	21.8	40.0	100.0	100.0	86.3
Spruce	20.3	9.3	6.6	4.8	5.6	5.4	6.4	10.2	15.4	41.9	36.4	0.0	
Prairies	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4
	Other hardwoods	77.4	71.2	99.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maple	32.5	46.3	78.4	97.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Birch	53.6	43.7	81.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	14.7	10.9	20.1	27.3	54.0	81.1	0.0	100.0	0.0	0.0	0.0	0.0
	Larch	0.0	63.6	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Douglas-fir	0.0	0.0	100.0	100.0	100.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Fir	100.0	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Pine	76.6	93.6	81.0	43.6	70.9	100.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spruce	86.1	90.7	55.4	46.0	74.0	72.8	100.0	95.9	0.0	0.0	0.0	0.0
Taiga Cordillera	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Birch	74.6	66.9	36.7	62.4	16.7	67.0	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	99.9	91.2	57.5	67.2	60.5	78.6	100.0	0.0	0.0	0.0	0.0	0.0
	Larch	99.9	37.9	42.7	85.3	77.8	91.3	91.8	75.0	99.9	0.0	0.0	0.0
	Fir	0.0	100.0	44.3	39.1	40.8	34.0	35.1	50.9	99.4	0.0	0.0	0.0
	Pine	0.0	99.9	100.0	60.0	66.0	78.5	100.0	0.0	0.0	0.0	0.0	0.0
	Spruce	97.0	46.5	21.3	16.1	20.6	22.2	6.5	38.9	53.0	100.0	0.0	0.0
Boreal Cordillera	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.9
	Birch	35.6	41.2	28.0	44.5	48.9	47.7	76.7	46.9	71.4	0.0	0.0	0.0
	Poplar	31.0	26.8	21.2	24.3	16.2	22.7	47.9	55.0	35.3	100.0	52.5	0.0
	Larch	86.1	42.6	58.3	34.2	38.7	36.8	35.9	54.2	0.0	0.0	0.0	0.0
	Fir	83.8	45.0	32.4	54.1	16.7	18.4	19.0	18.1	22.2	34.0	17.5	0.0
	Pine	43.2	38.9	22.0	21.8	14.9	13.8	15.6	22.1	23.5	57.5	30.3	0.0
	Spruce	40.5	23.9	16.9	14.6	9.9	8.4	9.6	10.9	14.8	28.9	12.5	0.0
Pacific Maritime	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2
	Unspecified hardwoods	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	73.6	41.6	22.8	27.9	39.0	46.6	81.5	100.2	100.0	100.0	53.3	0.0
	Maple	100.0	49.6	64.6	40.6	85.9	99.3	100.0	0.0	0.0	0.0	84.9	0.0
	Birch	92.7	58.8	80.3	70.1	55.3	51.7	79.7	99.6	0.0	0.0	100.0	0.0
	Poplar	0.0	68.0	41.4	58.3	39.9	44.6	43.1	46.4	63.0	54.0	66.7	0.0
	Cedar & other conifers	27.3	29.0	41.9	40.6	37.1	36.2	32.3	45.9	30.4	24.2	9.0	0.0
	Douglas-fir	30.2	33.2	24.5	24.9	26.1	27.4	39.9	34.4	41.3	36.9	27.9	0.0
	Hemlock	21.9	16.4	17.1	22.8	22.9	20.9	17.3	29.9	18.8	19.4	6.5	0.0

Terrestrial ecozone	Species group	Age (years)											Other <sup>1</sup>
		1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-160	161-180	181-200	201+	
	Fir	29.6	25.4	36.1	40.9	32.0	39.3	48.0	28.5	35.2	34.1	11.3	0.0
	Pine	86.8	65.1	59.0	40.3	50.7	42.2	50.6	84.2	84.4	42.8	27.2	0.0
	Spruce	0.0	48.0	55.2	67.5	47.2	44.6	52.2	50.6	47.2	50.6	20.4	0.0
Montane Cordillera	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6
	Other hardwoods	0.0	0.0	93.7	0.0	0.0	0.0	0.0	99.9	0.0	99.9	0.0	0.0
	Birch	56.6	40.5	48.3	27.8	27.5	35.0	31.8	50.4	76.1	92.1	100.0	0.0
	Poplar	34.9	24.0	22.8	18.2	15.9	26.9	16.4	27.2	39.6	58.9	45.0	0.0
	Cedar & other conifers	43.3	44.4	37.6	37.4	34.9	37.1	40.8	30.6	48.0	38.5	20.6	0.0
	Larch	50.1	48.4	67.8	32.5	26.0	27.1	27.1	38.3	38.0	47.7	28.5	0.0
	Douglas-fir	39.7	23.5	19.5	15.1	13.8	11.7	10.7	12.6	14.9	18.6	12.2	0.0
	Hemlock	51.4	42.7	45.2	48.0	31.1	31.1	31.4	29.5	31.4	43.3	16.9	0.0
	Fir	40.7	29.7	21.5	18.8	15.9	14.2	10.1	11.3	11.7	11.7	8.2	0.0
	Pine	22.8	10.5	18.3	11.4	8.6	8.3	8.2	10.8	17.0	16.9	14.1	0.0
	Spruce	29.9	18.8	20.5	14.7	11.0	9.7	9.4	8.6	9.9	10.6	7.6	0.0
Hudson Plains	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3
	Other hardwoods	0.0	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
	Birch	48.7	70.8	71.7	77.6	100.0	61.1	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	56.3	60.3	36.8	68.5	43.5	55.1	48.0	0.0	0.0	0.0	0.0	0.0
	Unspecified conifers	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Cedar & other conifers	0.0	0.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
	Larch	70.2	23.9	17.6	27.1	31.2	46.7	31.3	37.0	87.8	100.0	0.0	0.0
	Fir	100.0	36.8	37.4	52.7	100.0	71.6	0.0	0.0	0.0	0.0	0.0	0.0
	Pine	38.1	24.7	27.1	66.4	73.7	62.6	0.0	0.0	0.0	0.0	0.0	0.0
Spruce	52.6	14.6	11.0	12.0	19.2	8.6	8.9	25.9	80.7	100.0	0.0	0.0	
Canada	Unclassified	38.2	22.6	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
	Unspecified hardwoods	8.3	12.0	17.6	49.6	23.0	65.6	95.1	0.0	0.0	0.0	0.0	100.5
	Other hardwoods	21.9	13.8	11.8	10.4	13.5	22.4	37.7	44.3	64.0	94.4	53.3	72.7
	Maple	17.5	8.9	5.8	6.0	6.4	11.6	26.7	35.6	75.5	0.0	78.4	100.5
	Birch	7.2	5.3	5.1	4.8	5.3	10.6	14.4	28.0	37.8	54.9	62.7	62.5
	Poplar	5.9	3.8	4.0	3.5	3.6	5.9	8.9	14.5	29.2	31.3	33.4	74.7
	Unspecified conifers	6.8	7.5	17.4	31.8	28.4	0.0	0.0	0.0	0.0	0.0	0.0	60.4
	Cedar & other conifers	25.3	15.9	14.9	12.4	9.6	12.3	16.0	28.6	24.9	21.5	8.2	0.0
	Larch	17.4	6.5	6.0	5.8	7.8	8.6	9.8	15.1	24.3	35.9	26.2	62.7
	Douglas-fir	25.2	23.4	19.8	20.1	12.5	11.1	11.6	11.9	14.6	17.1	13.5	0.0
	Hemlock	21.4	16.0	15.7	19.6	17.0	16.6	14.6	21.3	16.1	23.6	6.0	0.0
	Fir	10.3	5.0	4.3	5.1	4.6	7.8	7.0	8.9	10.0	10.6	6.4	61.2
Pine	6.4	4.0	4.8	4.4	4.6	5.4	6.0	8.7	12.9	16.3	12.5	70.2	
Spruce	6.6	3.4	2.8	2.2	2.1	2.0	2.1	3.1	6.5	9.1	5.9	32.3	

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.

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