

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)											Other ^d
		1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-160	161-180	181-200	201+	
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	22.3
	Birch	21.0	25.0	21.9	17.5	20.0	38.4	37.4	53.8	52.2	0.0	90.8	0.0
	Poplar	26.9	16.8	16.3	11.7	8.4	16.3	20.6	28.0	55.3	74.8	0.0	0.0
	Larch	42.2	20.5	20.1	15.4	15.6	16.3	27.5	43.3	47.8	59.1	85.2	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	18.8	16.6	29.4	26.5	44.0	87.7	100.0	100.0	0.0
	Spruce	25.7	13.3	10.4	7.1	6.3	3.5	10.3	14.3	18.5	42.1	34.9	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	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Birch	22.5	25.6	25.5	36.0	23.3	45.1	100.1	0.0	0.0	0.0	0.0	0.0
	Poplar	39.8	27.9	46.1	30.7	44.6	8.6	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	61.2	15.6	10.7	22.1	33.6	29.8	57.3	45.2	52.5	62.7	59.9	0.0
	Fir	100.0	44.0	69.5	37.2	44.3	28.3	15.9	51.6	85.3	0.0	0.0	0.0
	Pine	18.1	15.5	19.4	17.2	25.6	39.4	35.9	100.0	0.0	0.0	0.0	0.0
Spruce	25.0	12.3	8.6	8.2	5.7	5.2	3.7	5.7	35.8	60.4	20.4	0.0	
Boreal Shield	Unclassified	63.1	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
	Unspecified hardwoods	9.5	15.5	27.8	46.1	28.5	100.0	95.1	0.0	0.0	0.0	0.0	100.0
	Other hardwoods	32.1	20.0	15.7	14.5	18.4	29.5	46.6	52.0	64.8	0.0	0.0	72.7
	Maple	30.5	14.5	9.0	10.2	8.9	17.0	36.0	41.9	84.4	0.0	0.0	100.0
	Birch	9.9	6.4	5.7	6.1	6.2	15.2	17.3	47.3	79.1	68.0	0.0	49.0
	Poplar	7.9	5.7	5.1	5.5	6.1	14.0	26.0	35.3	0.0	71.1	100.0	45.4
	Unspecified conifers	7.9	8.6	23.2	35.8	38.5	0.0	0.0	0.0	0.0	0.0	0.0	67.7
	Cedar & other conifers	72.5	31.9	16.9	16.6	12.8	17.0	19.6	36.1	56.2	0.0	0.0	100.0
	Larch	19.8	10.3	9.8	9.5	11.6	11.9	14.5	22.4	74.5	83.5	0.0	62.7
	Hemlock	0.0	81.7	34.4	32.0	20.0	53.3	39.2	100.0	100.0	0.0	0.0	0.0
	Fir	14.5	6.8	5.9	7.6	5.1	13.2	13.8	35.9	49.6	64.7	88.9	61.4
	Pine	8.1	5.5	5.4	5.8	6.1	13.6	15.6	33.5	67.8	100.0	0.0	47.8
	Spruce	8.7	4.4	3.5	3.2	2.9	4.5	3.7	10.1	19.1	36.5	66.3	21.7
Atlantic Maritime	Unclassified	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1
	Unspecified hardwoods	13.4	18.4	31.5	63.9	48.7	100.0	0.0	0.0	0.0	0.0	0.0	100.5
	Other hardwoods	31.5	14.9	48.5	38.3	53.4	98.7	0.0	0.0	0.0	0.0	0.0	0.0
	Maple	21.6	12.8	9.3	7.7	10.2	18.2	36.8	85.6	100.0	0.0	100.0	100.5
	Birch	20.1	13.7	12.8	13.6	14.3	22.1	100.0	0.0	0.0	0.0	0.0	0.0
	Poplar	16.7	13.8	11.5	11.2	19.4	29.1	0.0	100.0	0.0	0.0	0.0	0.0
	Unspecified conifers	14.1	13.4	21.9	41.7	43.8	0.0	0.0	0.0	0.0	0.0	0.0	75.8
	Cedar & other conifers	45.0	35.3	23.6	22.1	15.6	19.4	32.2	80.2	0.0	0.0	0.0	0.0
	Larch	37.7	23.3	16.9	22.6	27.1	53.5	100.0	0.0	0.0	0.0	0.0	0.0
	Hemlock	100.0	100.0	47.9	34.4	46.0	75.0	100.3	98.7	0.0	0.0	0.0	0.0
	Fir	15.9	8.3	6.5	8.5	12.8	17.3	57.3	39.5	0.0	0.0	0.0	0.0
	Pine	43.0	25.0	27.9	24.8	23.2	43.9	57.7	0.0	0.0	0.0	0.0	0.0
	Spruce	14.6	9.6	7.0	5.8	8.4	13.9	35.3	41.6	100.0	98.7	0.0	100.0
Other	Unclassified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
	Unspecified hardwoods	26.6	22.6	30.4	59.5	40.5	100.2	0.0	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	46.6	15.5	14.2	13.9	20.2	46.2	68.7	0.0	0.0	0.0	0.0	0.0
	Maple	40.1	14.3	10.5	10.8	15.4	34.9	40.3	57.7	100.0	0.0	0.0	0.0
	Birch	38.3	21.4	19.2	42.6	63.2	98.5	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	27.7	17.7	14.7	22.0	51.5	64.9	0.0	0.0	0.0	0.0	0.0	0.0

Terrestrial Ecoregion	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 ¹
Mesic Plains	Unspecified conifers	39.6	37.2	44.7	87.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Cedar & other conifers	63.6	23.8	15.9	18.1	25.8	43.5	53.0	100.0	0.0	0.0	0.0	0.0
	Larch	56.3	41.0	40.6	50.0	48.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hemlock	0.0	0.0	46.3	64.3	32.9	71.9	0.0	0.0	0.0	0.0	0.0	0.0
	Fir	59.2	36.0	26.7	38.8	99.9	82.7	100.0	0.0	0.0	0.0	0.0	0.0
	Pine	60.2	21.4	22.1	23.1	40.9	81.2	70.8	100.0	0.0	0.0	0.0	0.0
	Spruce	38.0	22.9	21.7	32.1	50.4	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	89.5	38.6	49.8	89.2	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	17.2	15.5	26.1	47.5	52.3	82.9	0.0	0.0	0.0	100.0
	Poplar	10.0	7.2	8.3	5.2	6.2	8.0	12.3	24.9	45.0	70.7	0.0	91.9
	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	59.5	15.7	11.4	9.5	9.3	11.3	13.0	18.2	28.9	51.0	72.6	0.0
	Fir	100.0	49.4	35.1	48.4	60.3	47.2	68.9	95.6	100.0	100.0	85.3	0.0
	Pine	16.0	10.7	13.1	10.4	10.8	12.5	16.3	21.9	40.0	100.0	100.0	100.0
Spruce	20.3	9.5	7.1	4.7	5.4	5.9	6.5	10.2	15.2	41.6	39.1	88.5	
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	32.1	46.1	78.5	97.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Birch	53.7	43.7	81.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	14.7	10.9	20.2	27.2	54.3	79.3	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	43.8	70.9	100.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spruce	86.1	90.8	55.4	46.4	73.7	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	64.7	40.3	34.1	18.0	65.9	0.0	0.0	0.0	0.0	0.0	100.0
	Poplar	99.9	88.7	41.5	67.2	60.5	78.4	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	89.1	49.8	42.3	30.7	37.0	37.5	51.2	99.3	0.0	0.0	100.0
	Pine	0.0	99.9	62.8	68.6	67.4	77.7	100.0	0.0	0.0	0.0	0.0	0.0
	Spruce	72.2	47.6	23.9	16.0	20.4	12.1	8.0	37.5	51.6	0.0	0.0	95.7
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	38.3
	Birch	37.2	53.4	48.2	25.9	56.7	51.3	66.0	47.6	71.4	0.0	0.0	72.1
	Poplar	31.2	22.3	23.8	26.2	17.6	24.4	50.7	60.0	36.1	100.0	52.5	75.0
	Larch	86.1	42.6	60.1	36.8	42.4	39.9	38.9	68.0	0.0	0.0	0.0	0.0
	Fir	83.8	49.7	37.4	46.2	21.5	20.1	19.4	18.8	22.6	35.2	21.3	93.2
	Pine	43.2	39.3	23.4	26.0	18.1	15.3	18.9	25.5	26.9	60.3	31.9	93.6
	Spruce	40.1	26.5	19.9	12.7	10.8	8.9	10.0	11.2	15.4	31.8	14.2	37.1
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	14.0
	Unspecified hardwoods	100.0	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	39.2	22.6	27.1	39.0	45.8	81.5	100.2	100.0	100.0	53.0	0.0
	Maple	100.0	49.0	64.6	38.0	86.2	99.3	100.0	0.0	0.0	0.0	84.9	0.0
	Birch	92.7	60.8	80.3	70.1	55.3	51.9	79.7	99.6	0.0	0.0	100.0	0.0
	Poplar	0.0	67.5	41.4	55.2	39.4	42.6	40.2	45.6	63.0	54.0	89.6	0.0
	Cedar & other conifers	26.9	28.0	40.8	42.3	37.9	36.2	31.1	45.9	30.4	24.2	9.0	0.0
	Douglas-fir	30.0	32.2	23.7	25.1	27.2	27.9	39.3	33.9	40.9	36.9	27.8	0.0
	Hemlock	21.9	16.2	16.9	23.4	22.6	21.4	17.3	29.9	18.8	19.4	6.6	0.0

Terrestrial ecozone	Species group	Age (years)											Other ¹
		1-20	21-40	41-60	61-80	81-100	101-120	121-140	141-160	161-180	181-200	201+	
	Fir	29.6	25.9	36.2	42.1	33.6	39.3	48.0	28.5	35.2	34.1	11.4	0.0
	Pine	86.8	68.1	59.0	40.2	50.7	41.9	49.4	84.2	84.4	42.8	27.2	0.0
	Spruce	0.0	49.0	55.1	73.2	47.2	45.1	52.2	50.9	47.2	50.6	20.7	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	8.2
	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	57.1	46.1	47.4	37.6	27.0	39.9	34.5	49.9	88.5	99.3	100.0	0.0
	Poplar	38.3	23.1	22.8	18.6	15.6	27.3	15.8	27.1	39.6	58.9	47.4	0.0
	Cedar & other conifers	39.7	55.5	41.9	42.0	37.1	38.8	36.1	30.4	48.4	41.8	22.1	0.0
	Larch	57.4	48.6	68.6	31.7	29.1	28.4	27.0	39.3	39.5	50.9	28.0	0.0
	Douglas-fir	42.5	25.4	23.2	16.5	14.4	12.3	11.6	13.5	15.8	19.7	13.9	0.0
	Hemlock	59.3	49.5	53.0	51.7	32.0	31.1	31.8	30.5	34.4	45.1	18.0	0.0
	Fir	50.5	32.4	23.4	20.6	17.0	14.6	10.4	11.6	12.1	11.9	8.5	0.0
	Pine	26.6	11.3	18.6	11.3	8.8	8.2	8.4	10.8	17.4	17.3	14.6	0.0
	Spruce	31.4	20.1	21.1	14.9	11.2	9.9	9.1	8.8	10.0	11.0	7.9	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
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	45.1	77.8	53.2	61.1	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		87.9	17.8	17.6	27.1	31.2	46.7	31.3	37.0	87.4	100.0	0.0	0.0
Fir		100.0	36.8	37.4	52.7	100.0	71.4	0.0	0.0	0.0	0.0	0.0	0.0
Pine		38.1	24.7	27.1	66.5	73.7	66.2	0.0	0.0	0.0	0.0	0.0	0.0
Spruce		52.6	14.6	11.0	12.0	9.4	8.6	17.4	27.0	76.3	100.0	0.0	0.0
Canada	Unclassified	63.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
	Unspecified hardwoods	8.2	12.1	17.6	50.3	23.0	65.6	95.1	0.0	0.0	0.0	0.0	80.0
	Other hardwoods	22.5	13.0	12.1	10.0	13.9	23.9	39.1	48.0	58.0	94.5	53.0	72.7
	Maple	17.4	8.8	5.7	6.0	6.5	11.8	29.2	35.5	74.7	0.0	78.4	82.2
	Birch	7.2	5.2	5.1	4.9	5.2	11.0	14.5	26.2	39.2	56.2	62.7	41.8
	Poplar	5.9	3.8	4.0	3.5	3.7	5.9	9.0	14.7	29.3	31.3	34.8	45.7
	Unspecified conifers	6.8	7.3	17.6	31.1	29.0	0.0	0.0	0.0	0.0	0.0	0.0	60.6
	Cedar & other conifers	25.0	15.6	14.9	13.0	9.7	12.4	14.0	29.2	25.9	21.9	8.3	100.0
	Larch	16.3	6.6	6.0	5.8	7.8	8.6	10.2	14.2	24.1	38.4	26.0	62.7
	Douglas-fir	26.4	25.1	20.5	20.7	13.4	11.7	12.5	12.6	15.5	17.9	14.7	0.0
	Hemlock	21.4	15.9	15.7	20.2	17.0	16.9	14.7	21.6	16.5	24.1	6.2	0.0
	Fir	10.2	5.0	4.3	5.3	4.6	7.7	7.2	9.1	10.2	10.8	6.7	50.7
	Pine	6.4	4.1	4.7	4.5	4.6	5.6	6.3	8.9	13.6	16.7	12.9	40.8
Spruce	6.7	3.3	2.7	2.2	2.0	2.1	2.2	3.6	6.7	9.4	6.2	19.0	

Source: Canada's National Forest Inventory, combined remeasured (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.