

Table 16.1a. Relative standard errors (%) of total tree volume 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 ^d
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	0.0
	Birch	20.1	25.2	23.1	18.0	20.2	39.7	39.5	56.7	53.2	0.0	89.9	0.0
	Poplar	24.6	17.0	16.6	12.3	8.5	16.6	20.9	27.9	55.7	74.6	0.0	0.0
	Larch	35.0	20.1	20.3	14.7	15.6	16.6	30.2	45.2	45.6	60.2	71.0	0.0
	Fir	0.0	100.0	73.4	75.0	74.5	91.4	100.0	0.0	0.0	0.0	0.0	0.0
	Pine	22.2	14.5	16.7	18.3	17.0	32.9	27.3	41.7	88.1	100.0	100.0	0.0
	Spruce	25.3	13.0	9.9	7.0	6.1	3.4	10.2	14.5	18.7	43.5	36.8	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	0.0
	Other hardwoods	0.0	0.0	100.0	51.9	27.9	25.2	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	24.5	27.0	25.4	29.0	22.6	45.8	100.1	0.0	0.0	0.0	0.0	0.0
	Poplar	29.9	26.4	47.3	30.8	40.6	8.8	78.8	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	33.0	19.7	10.7	19.8	32.2	28.3	55.8	45.1	52.0	63.1	60.1	0.0
	Fir	100.0	46.2	66.0	38.6	45.9	28.1	15.8	49.5	86.1	0.0	0.0	0.0
	Pine	19.5	14.1	17.0	15.7	26.1	40.0	37.1	100.0	0.0	0.0	0.0	0.0
Spruce	30.8	11.4	8.0	8.0	5.5	5.3	3.4	6.1	36.1	60.2	20.5	0.0	
Boreal Shield	Unclassified	63.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Unspecified hardwoods	9.3	15.2	27.6	45.8	28.9	100.0	99.5	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	32.4	19.0	15.2	14.8	18.3	31.1	44.2	54.5	66.9	0.0	0.0	0.0
	Maple	29.9	13.2	8.9	10.1	8.9	16.9	35.5	42.2	84.7	0.0	0.0	0.0
	Birch	9.2	6.2	5.7	6.1	6.2	15.1	17.7	49.3	72.6	68.0	0.0	0.0
	Poplar	7.9	5.9	5.2	5.4	6.1	13.9	25.8	34.6	0.0	70.9	100.0	0.0
	Unspecified conifers	8.0	8.6	22.7	35.6	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Cedar & other conifers	76.0	35.7	17.3	17.2	12.9	17.2	19.8	36.3	56.1	0.0	0.0	0.0
	Larch	18.1	10.2	9.8	9.1	13.1	12.3	17.2	21.9	67.0	83.5	0.0	0.0
	Hemlock	0.0	84.0	34.3	31.7	20.0	54.6	38.8	100.0	100.0	0.0	0.0	0.0
	Fir	14.7	6.7	5.9	7.5	5.2	13.5	13.0	36.3	46.9	64.1	89.3	0.0
	Pine	7.4	5.4	5.4	5.7	6.0	13.8	15.8	32.6	68.7	100.0	0.0	0.0
	Spruce	10.0	4.5	3.4	3.1	2.8	4.5	3.7	9.5	20.2	37.3	66.9	0.0
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	0.0
	Unspecified hardwoods	13.5	17.7	30.5	62.6	48.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	27.1	14.5	49.3	36.5	52.1	98.7	0.0	0.0	0.0	0.0	0.0	0.0
	Maple	17.8	11.7	9.2	7.5	9.9	17.9	36.5	84.3	100.0	0.0	100.0	0.0
	Birch	16.6	13.0	12.5	13.3	14.4	22.2	100.0	0.0	0.0	0.0	0.0	0.0
	Poplar	16.6	13.1	11.5	11.0	20.0	29.0	0.0	100.0	0.0	0.0	0.0	0.0
	Unspecified conifers	14.5	13.4	22.1	41.9	43.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Cedar & other conifers	45.3	34.6	23.6	21.5	15.5	19.7	32.2	79.5	0.0	0.0	0.0	0.0
	Larch	37.1	22.7	17.0	22.5	28.5	54.0	100.0	0.0	0.0	0.0	0.0	0.0
	Hemlock	100.0	100.0	47.9	34.5	43.8	73.9	100.3	98.7	0.0	0.0	0.0	0.0
	Fir	14.3	7.8	6.5	8.3	12.3	17.5	56.9	38.7	0.0	0.0	0.0	0.0
	Pine	41.9	25.0	27.1	24.0	24.0	46.6	58.5	0.0	0.0	0.0	0.0	0.0
Spruce	13.0	9.4	7.0	6.0	8.3	13.4	34.4	41.7	100.0	98.7	0.0	0.0	
	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
	Unspecified hardwoods	26.9	22.5	30.5	59.6	39.5	100.2	0.0	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	32.0	14.6	13.7	13.6	20.3	46.6	68.7	0.0	0.0	0.0	0.0	0.0
	Maple	37.9	13.9	10.5	10.9	15.6	34.6	41.1	57.4	100.0	0.0	0.0	0.0
	Birch	37.3	21.1	19.3	42.7	63.9	98.5	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	25.0	17.7	14.8	22.3	51.8	62.7	0.0	0.0	0.0	0.0	0.0	0.0
	Unspecified conifers	39.5	37.4	44.4	88.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Mixedwood Plains 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 ¹
Mixedwood Plains	Cedar & other conifers	70.5	23.7	16.2	18.3	25.6	43.8	52.4	100.0	0.0	0.0	0.0	0.0
	Larch	67.4	40.5	40.8	50.1	48.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Hemlock	0.0	0.0	45.9	64.6	32.9	71.3	0.0	0.0	0.0	0.0	0.0	0.0
	Fir	59.8	36.2	26.9	38.8	99.9	82.8	100.0	0.0	0.0	0.0	0.0	0.0
	Pine	52.4	21.1	23.1	23.6	41.3	82.0	70.9	100.0	0.0	0.0	0.0	0.0
	Spruce	38.8	23.3	21.1	32.1	50.9	0.0	86.0	0.0	0.0	0.0	0.0	0.0
	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
	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	97.3	38.4	48.7	88.2	0.0	100.0	0.0	0.0	100.0	0.0	0.0	0.0
	Maple	100.0	43.7	90.8	51.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Boreal Plains	Birch	25.7	19.6	16.2	15.8	26.5	47.5	49.4	87.7	0.0	0.0	0.0	0.0
	Poplar	9.9	7.2	8.2	5.2	6.2	7.9	12.2	25.4	45.2	70.8	0.0	0.0
	Cedar & other conifers	87.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Larch	53.0	14.7	11.0	9.0	8.9	10.7	12.5	18.3	31.2	44.1	72.8	0.0
	Fir	100.0	48.6	33.9	47.2	59.5	46.9	68.8	95.8	100.0	100.0	85.2	0.0
	Pine	15.0	10.3	12.7	10.6	10.9	12.5	17.5	22.4	40.4	100.0	100.0	0.0
	Spruce	20.1	9.1	7.6	5.1	5.4	6.4	6.4	10.5	15.2	39.7	40.0	0.0
	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
	Other hardwoods	77.8	70.9	99.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maple	33.8	43.7	78.4	98.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Prairies	Birch	50.1	44.1	80.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	14.4	10.8	20.5	27.7	53.2	79.5	0.0	100.0	0.0	0.0	0.0	0.0
	Larch	0.0	58.1	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	80.4	96.5	77.8	43.8	61.1	100.0	0.0	0.0	0.0	0.0	0.0	0.0
	Spruce	79.2	91.5	54.3	46.5	73.7	72.2	100.0	96.1	0.0	0.0	0.0	0.0
	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	65.5	74.9	77.1	36.5	17.4	65.9	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	99.9	83.8	37.2	67.0	71.8	78.4	100.0	0.0	0.0	0.0	0.0	0.0
Taiga Cordillera	Larch	99.9	40.5	41.2	85.1	75.7	89.8	94.5	76.7	99.9	0.0	0.0	0.0
	Fir	0.0	97.6	52.6	41.0	30.9	38.3	37.7	51.8	99.1	0.0	0.0	0.0
	Pine	0.0	99.9	66.2	68.4	67.0	76.8	100.0	0.0	0.0	0.0	0.0	0.0
	Spruce	59.8	42.1	39.0	16.2	21.4	12.3	8.0	38.5	51.8	0.0	0.0	0.0
	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	0.0	50.7	48.7	25.0	53.4	49.7	66.9	47.5	70.6	0.0	0.0	0.0
	Poplar	37.4	22.3	24.1	28.3	17.6	24.6	55.1	65.6	38.6	100.0	58.7	0.0
Boreal Cordillera	Larch	97.9	43.1	57.5	30.9	43.7	43.2	38.8	71.4	0.0	0.0	0.0	0.0
	Fir	86.1	41.8	30.9	41.7	21.3	19.9	18.9	18.3	21.9	33.5	20.9	0.0
	Pine	44.7	32.1	22.3	27.2	19.0	15.9	18.9	25.6	27.8	62.2	33.7	0.0
	Spruce	37.4	22.7	24.5	14.2	11.3	9.2	10.1	11.3	15.5	26.8	14.6	0.0
	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
	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	75.0	41.1	22.8	27.3	38.4	46.7	82.7	100.2	100.0	100.0	55.2	0.0
Pacific Maritime	Maple	0.0	47.4	65.1	38.3	85.2	99.2	100.0	0.0	0.0	0.0	85.6	0.0
	Birch	86.8	60.8	81.8	70.0	55.7	52.5	79.5	99.6	0.0	0.0	100.0	0.0
	Poplar	0.0	66.1	41.1	55.1	38.9	42.3	40.2	45.4	63.1	53.9	89.7	0.0
	Cedar & other conifers	31.7	30.2	42.0	43.4	38.2	37.7	34.3	47.8	30.6	25.5	9.1	0.0
	Douglas-fir	33.6	34.0	24.1	25.2	27.7	28.4	39.7	33.9	40.9	36.7	28.4	0.0
	Hemlock	23.8	17.0	17.2	24.1	23.0	21.8	17.8	30.5	19.3	20.0	6.7	0.0
	Fir	33.2	27.7	36.7	43.8	31.2	40.7	49.0	28.4	34.6	33.8	11.5	0.0

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 ¹
Montane Cordillera	Pine	100.0	70.0	60.7	40.8	51.8	42.5	50.4	86.1	86.1	42.2	27.8	0.0
	Spruce	0.0	50.8	55.9	72.5	47.8	46.2	52.9	51.4	47.2	51.0	20.8	0.0
	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
	Other hardwoods	0.0	0.0	74.0	0.0	0.0	0.0	0.0	99.9	0.0	99.9	0.0	0.0
	Birch	60.8	44.4	48.8	40.7	27.2	39.4	35.1	51.1	90.7	99.5	100.0	0.0
	Poplar	29.3	24.0	24.2	18.9	15.9	29.2	16.0	27.7	39.5	60.8	48.1	0.0
	Cedar & other conifers	43.5	58.4	43.3	41.5	37.0	39.0	36.8	30.8	50.3	41.7	22.5	0.0
	Larch	58.0	50.4	68.9	33.3	29.6	29.2	27.3	40.2	39.3	51.2	28.6	0.0
	Douglas-fir	38.6	27.5	24.4	17.3	15.4	12.7	12.1	14.2	15.9	20.1	14.1	0.0
	Hemlock	62.5	52.4	53.4	52.9	32.6	32.3	31.6	30.2	34.6	45.3	17.9	0.0
	Fir	34.0	34.4	23.9	21.6	17.7	15.1	10.8	12.0	13.1	12.0	8.9	0.0
Pine	32.6	11.8	19.4	11.6	9.0	8.3	8.6	11.0	18.9	17.6	14.9	0.0	
Spruce	42.6	21.3	21.8	15.2	11.7	10.3	9.4	9.1	10.5	11.4	8.1	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	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	49.8	64.5	72.0	77.6	100.0	60.6	0.0	0.0	0.0	0.0	0.0	0.0
	Poplar	56.5	55.9	36.6	44.1	68.8	53.3	62.7	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	51.4	18.6	14.6	24.8	29.7	47.2	31.1	37.2	87.5	100.0	0.0	0.0
	Fir	100.0	36.7	37.4	52.6	100.0	71.3	0.0	0.0	0.0	0.0	0.0	0.0
	Pine	34.9	23.1	28.7	65.7	71.2	55.1	0.0	0.0	0.0	0.0	0.0	0.0
Spruce	47.1	15.2	10.4	11.6	8.4	8.6	11.6	26.7	75.6	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	0.0
	Unspecified hardwoods	8.1	11.8	17.5	48.9	23.5	65.3	99.5	0.0	0.0	0.0	0.0	0.0
	Other hardwoods	19.8	13.8	12.6	10.7	14.3	25.0	41.6	48.7	61.3	95.5	55.2	0.0
	Maple	14.6	8.0	5.7	5.9	6.6	11.8	29.1	34.1	76.5	0.0	81.3	0.0
	Birch	6.8	5.1	5.2	5.0	5.2	11.1	15.2	26.7	39.9	56.2	62.7	0.0
	Poplar	5.6	3.9	4.1	3.5	3.7	6.0	9.4	15.1	31.5	31.5	36.2	0.0
	Unspecified conifers	6.9	7.3	17.2	31.0	28.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Cedar & other conifers	29.3	16.1	15.9	13.7	10.0	12.9	14.4	30.5	26.1	22.8	8.5	0.0
	Larch	16.7	6.5	5.7	5.5	7.4	8.3	10.2	14.0	22.8	36.5	26.0	0.0
	Douglas-fir	26.5	26.8	21.0	21.2	14.0	12.0	12.9	13.2	15.5	18.1	15.1	0.0
	Hemlock	23.3	16.8	16.0	21.1	17.7	17.4	14.9	22.1	16.9	24.2	6.3	0.0
	Fir	10.0	4.9	4.3	5.2	4.6	8.0	7.5	9.2	10.8	10.7	6.9	0.0
	Pine	5.9	3.9	4.4	4.6	4.7	5.7	6.4	9.0	14.5	17.7	13.4	0.0
Spruce	7.3	3.2	2.7	2.2	2.1	2.1	2.2	3.8	6.8	9.5	6.3	0.0	

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.