

**Table 17.1a. Relative standard errors (%) of total above-ground biomass on forest land by forest type, age class and terrestrial ecozone in Canada.**

| Terrestrial ecozone | Forest type      | 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> |
| Taiga Plains        | Treed Mixedwood  | 19.6        | 17.0  | 16.9  | 12.7  | 11.4   | 6.5     | 15.8    | 18.0    | 37.4    | 67.8    | 70.4  | 0.0                |
|                     | Treed Coniferous | 18.9        | 11.9  | 10.0  | 8.9   | 7.6    | 3.0     | 10.4    | 14.3    | 19.4    | 34.6    | 36.4  | 0.0                |
|                     | Treed Broadleaf  | 21.6        | 17.3  | 17.2  | 13.9  | 8.1    | 18.9    | 25.6    | 31.1    | 64.4    | 100.0   | 0.0   | 0.0                |
|                     | Non-treed        | 60.2        | 70.5  | 100.0 | 77.9  | 95.3   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 21.5               |
| Taiga Shield        | Treed Mixedwood  | 22.4        | 20.8  | 26.6  | 34.8  | 22.2   | 13.7    | 7.1     | 55.2    | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Treed Coniferous | 16.8        | 10.3  | 8.0   | 8.5   | 6.6    | 5.2     | 3.4     | 4.2     | 31.3    | 57.6    | 20.4  | 0.0                |
|                     | Treed Broadleaf  | 26.4        | 29.7  | 53.6  | 32.0  | 36.8   | 7.9     | 79.7    | 0.0     | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Non-treed        | 0.0         | 0.0   | 100.0 | 98.8  | 97.6   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 4.7                |
| Boreal Shield       | Treed Mixedwood  | 5.8         | 4.2   | 3.8   | 3.7   | 3.9    | 8.5     | 11.6    | 30.2    | 51.6    | 68.5    | 72.8  | 0.0                |
|                     | Treed Coniferous | 5.2         | 3.5   | 3.2   | 2.9   | 2.6    | 4.3     | 3.6     | 9.6     | 17.8    | 30.7    | 58.1  | 0.0                |
|                     | Treed Broadleaf  | 7.6         | 5.7   | 5.0   | 5.7   | 5.8    | 13.2    | 22.0    | 29.6    | 75.5    | 67.3    | 0.0   | 0.0                |
|                     | Non-treed        | 36.7        | 68.3  | 44.2  | 46.4  | 41.5   | 44.6    | 75.4    | 98.6    | 99.9    | 100.0   | 100.0 | 4.3                |
| Atlantic Maritime   | Treed Mixedwood  | 8.5         | 6.7   | 5.8   | 5.4   | 7.6    | 13.8    | 54.9    | 66.6    | 0.0     | 98.6    | 0.0   | 0.0                |
|                     | Treed Coniferous | 10.7        | 7.1   | 5.7   | 5.9   | 7.8    | 10.9    | 22.8    | 30.9    | 100.0   | 0.0     | 0.0   | 0.0                |
|                     | Treed Broadleaf  | 17.3        | 10.5  | 9.2   | 8.9   | 10.5   | 19.1    | 41.2    | 76.7    | 100.0   | 0.0     | 100.0 | 0.0                |
|                     | Non-treed        | 68.9        | 69.3  | 52.3  | 55.4  | 99.9   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 7.0                |
| Mixedwood Plains    | Treed Mixedwood  | 26.5        | 16.9  | 10.3  | 16.2  | 21.0   | 34.0    | 45.5    | 63.5    | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Treed Coniferous | 33.5        | 14.4  | 14.9  | 15.5  | 20.9   | 46.6    | 60.2    | 91.2    | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Treed Broadleaf  | 20.4        | 11.7  | 9.5   | 8.8   | 11.2   | 26.7    | 41.1    | 57.4    | 100.0   | 0.0     | 0.0   | 0.0                |
|                     | Non-treed        | 0.0         | 0.0   | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 16.4               |
| Boreal Plains       | Treed Mixedwood  | 13.6        | 10.0  | 10.3  | 6.5   | 7.6    | 9.2     | 11.5    | 16.1    | 23.4    | 45.0    | 99.3  | 0.0                |
|                     | Treed Coniferous | 15.3        | 8.8   | 6.2   | 4.6   | 5.0    | 5.9     | 7.0     | 10.0    | 19.3    | 41.8    | 35.5  | 0.0                |
|                     | Treed Broadleaf  | 11.1        | 7.4   | 8.0   | 5.7   | 6.8    | 9.4     | 15.9    | 31.9    | 59.4    | 100.0   | 0.0   | 0.0                |
|                     | Non-treed        | 32.4        | 42.7  | 27.1  | 23.7  | 44.3   | 91.5    | 86.2    | 75.7    | 0.0     | 0.0     | 0.0   | 8.4                |
| Prairies            | Treed Mixedwood  | 56.6        | 40.6  | 51.6  | 46.9  | 69.7   | 93.1    | 100.0   | 0.0     | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Treed Coniferous | 78.1        | 98.3  | 69.7  | 44.0  | 81.4   | 89.3    | 100.0   | 95.9    | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Treed Broadleaf  | 14.7        | 10.9  | 20.0  | 29.2  | 57.5   | 73.5    | 0.0     | 100.0   | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Non-treed        | 41.2        | 75.4  | 85.0  | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 28.4               |
| Taiga Cordillera    | Treed Mixedwood  | 95.9        | 73.7  | 49.6  | 41.4  | 44.5   | 49.0    | 12.6    | 100.0   | 100.0   | 0.0     | 0.0   | 0.0                |
|                     | Treed Coniferous | 79.8        | 37.8  | 21.7  | 15.4  | 19.6   | 19.1    | 6.4     | 37.1    | 55.2    | 100.0   | 0.0   | 0.0                |
|                     | Treed Broadleaf  | 98.2        | 80.5  | 66.0  | 67.9  | 16.7   | 100.0   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Non-treed        | 0.0         | 0.0   | 89.2  | 67.1  | 99.6   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 0.0                |
| Boreal Cordillera   | Treed Mixedwood  | 34.2        | 19.4  | 26.0  | 26.4  | 17.4   | 15.3    | 21.8    | 23.5    | 51.2    | 75.7    | 51.6  | 0.0                |
|                     | Treed Coniferous | 38.4        | 27.8  | 16.4  | 13.5  | 9.2    | 7.5     | 8.3     | 10.1    | 12.8    | 22.6    | 10.7  | 0.0                |
|                     | Treed Broadleaf  | 34.4        | 28.8  | 22.0  | 24.9  | 18.5   | 29.3    | 56.3    | 73.8    | 43.8    | 100.0   | 67.9  | 0.0                |
|                     | Non-treed        | 100.0       | 45.1  | 42.7  | 42.5  | 28.4   | 28.6    | 56.9    | 100.0   | 0.0     | 0.0     | 0.0   | 40.9               |
| Pacific Maritime    | Treed Mixedwood  | 48.9        | 26.6  | 21.3  | 33.6  | 31.0   | 32.5    | 49.8    | 44.6    | 46.7    | 100.0   | 51.8  | 0.0                |
|                     | Treed Coniferous | 18.0        | 13.4  | 14.9  | 17.5  | 16.6   | 19.2    | 21.0    | 25.5    | 15.9    | 14.0    | 4.9   | 0.0                |
|                     | Treed Broadleaf  | 77.3        | 54.2  | 28.8  | 27.6  | 35.7   | 39.1    | 43.1    | 49.8    | 100.0   | 47.5    | 46.3  | 0.0                |
|                     | Non-treed        | 0.0         | 0.0   | 0.0   | 0.0   | 0.0    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 11.2               |
| Montane Cordillera  | Treed Mixedwood  | 51.8        | 19.8  | 25.3  | 16.9  | 13.9   | 21.9    | 13.9    | 18.3    | 24.6    | 39.2    | 28.1  | 0.0                |
|                     | Treed Coniferous | 12.9        | 8.8   | 12.0  | 8.0   | 6.3    | 5.7     | 5.0     | 5.5     | 6.9     | 7.1     | 5.0   | 0.0                |
|                     | Treed Broadleaf  | 48.6        | 28.6  | 25.3  | 21.1  | 17.6   | 23.8    | 19.9    | 28.2    | 55.2    | 81.5    | 62.2  | 0.0                |
|                     | Non-treed        | 89.7        | 100.1 | 0.0   | 99.9  | 100.1  | 70.2    | 91.1    | 100.0   | 0.0     | 100.0   | 0.0   | 7.6                |
| Hudson Plains       | Treed Mixedwood  | 49.7        | 42.9  | 33.1  | 33.2  | 45.5   | 7.4     | 83.6    | 76.5    | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Treed Coniferous | 33.9        | 13.9  | 10.4  | 12.4  | 17.6   | 12.5    | 8.9     | 22.5    | 65.2    | 100.0   | 0.0   | 0.0                |
|                     | Treed Broadleaf  | 50.5        | 31.2  | 55.8  | 80.1  | 45.1   | 96.1    | 48.0    | 0.0     | 0.0     | 0.0     | 0.0   | 0.0                |
|                     | Non-treed        | 0.0         | 0.0   | 100.0 | 100.0 | 100.0  | 100.0   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0   | 16.3               |

| Terrestrial<br>ecozone | Forest type      | 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> |
| Canada                 | Treed Mixedwood  | 4.5         | 3.1   | 2.9   | 2.7   | 3.0    | 4.2     | 5.1     | 9.3     | 16.4    | 30.5    | 24.6  | 0.0                |
|                        | Treed Coniferous | 4.0         | 2.6   | 2.6   | 2.2   | 2.0    | 1.9     | 2.0     | 2.9     | 5.1     | 5.9     | 3.4   | 0.0                |
|                        | Treed Broadleaf  | 5.4         | 3.6   | 3.5   | 3.3   | 3.4    | 5.6     | 10.8    | 15.9    | 33.9    | 33.9    | 35.4  | 0.0                |
|                        | Non-treed        | 26.4        | 32.0  | 37.4  | 32.8  | 22.4   | 23.4    | 47.8    | 58.2    | 99.9    | 99.6    | 100.0 | 2.7                |

**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.