

Species Richness, Shannon-Wiener Diversity Index in Edmonton by Land Use

Series: Circles, Time Period: 2009

| Primary Index | S | SPP/HA | SHANNON | MENHINICK | SIMPSON | EVENNESS | RAREFACTION |
|---------------|-------|--------|---------|-----------|---------|----------|-------------|
| Land Use | | | | | | | |
| Ag/Urban Res. | 28.00 | 6.65 | 1.78 | 1.26 | 3.20 | 0.54 | 6.70 |
| Commercial | 14.00 | 38.44 | 2.41 | 2.65 | 12.19 | 0.91 | 12.01 |
| Industrial | 27.00 | 14.50 | 3.02 | 2.54 | 19.18 | 0.92 | 13.54 |
| Direct/Other | 1.00 | 3.53 | 0.00 | 0.71 | 1.00 | 0.00 | 0.00 |
| Park | 21.00 | 14.41 | 2.37 | 1.51 | 6.99 | 0.78 | 9.63 |
| Residential | 41.00 | 11.38 | 1.75 | 1.31 | 2.40 | 0.47 | 7.07 |
| Institutional | 10.00 | 15.44 | 1.28 | 1.19 | 2.21 | 0.55 | 5.61 |
| CITY TOTAL | 54.00 | 4.35 | 2.21 | 1.24 | 3.79 | 0.55 | 0.00 |

S: is the number of species sampled w/ each land use type or city (i.e. species richness).

SPP/HA: is the number of species found per hectare of area sampled.

SHANNON: is the Shannon-Wiener diversity index, which assumes that all species within landuse type or city have been sampled. It is an indicator of species richness and has a moderate sensitivity to sample size and therefore land uses and/or cities may not be comparable.

MENHINICK: is Menhinick's diversity index. It is an indicator of species richness and has a low sensitivity to sample size and therefore may be more appropriate for comparison between land use types.

SIMPSON: is Simpson's diversity index. It is an indicator of species dominance and has a low sensitivity to sample size and therefore may be more appropriate for comparison between land use types. EVENNESS: is Shannon-Wiener's evenness index, which assumes that all species within land use type or city have been sampled. It is an indicator or species evenness and has a moderate sensitivity to sample size and therefore land uses and/or cities may not be comparable.

RAREFACTION: is the results of Sanders' Rarefaction technique. For land use types, this value is the number of species one would expect to find if one sampled 2 trees in the land use type. For the city, this value is the number of species one would expect to find if one sampled 250 trees within the city. This value may sometimes be missing if the factorial values exceed the floating-point representation size.

Percent Coverages in Edmonton by Land Use

Series: Circles, Time Period: 2009

| Ground Cover | PLANT SPACE | | CEMENT | | TAR | | BARE SOIL | | ROCK | | DUFF/MULCH | | HERBS | | GRASS | |
|---------------|-------------|-------|--------|------|-------|------|-----------|-------|------|------|------------|------|-------|-------|-------|-------|
| | % | SE | % | SE | % | SE | % | SE | % | SE | % | SE | % | SE | % | SE |
| Land Use | | | | | | | | | | | | | | | | |
| Ag/Urban Res. | 71.10 | 3.70 | 3.00 | 0.74 | 7.20 | 1.83 | 7.20 | 2.17 | 3.50 | 1.50 | 3.30 | 1.42 | 46.60 | 4.62 | 11.60 | 2.27 |
| Commercial | 50.90 | 13.19 | 2.60 | 2.19 | 4.80 | 3.34 | 22.20 | 14.70 | 6.30 | 5.49 | 3.80 | 2.52 | 3.60 | 2.76 | 15.20 | 8.71 |
| Industrial | 37.90 | 5.58 | 8.90 | 2.34 | 20.60 | 4.78 | 6.10 | 3.03 | 7.00 | 3.33 | 1.20 | 0.88 | 7.10 | 3.13 | 18.20 | 3.94 |
| Direct/Other | 42.30 | 19.60 | 11.40 | 7.46 | 9.30 | 8.48 | 14.30 | 14.29 | 8.60 | 8.57 | | | | | 20.70 | 14.33 |
| Park | 39.20 | 6.19 | 9.10 | 2.01 | 17.90 | 4.90 | 8.30 | 4.22 | 2.30 | 1.81 | 1.20 | 0.59 | 13.50 | 5.09 | 23.30 | 4.64 |
| Residential | 43.70 | 4.15 | 7.70 | 1.25 | 14.00 | 2.45 | 5.80 | 2.24 | 5.40 | 1.78 | 3.10 | 0.81 | 23.60 | 3.99 | 18.40 | 2.64 |
| Institutional | 41.90 | 9.60 | 10.60 | 4.04 | 13.40 | 5.85 | 3.50 | 3.12 | 6.90 | 4.91 | 1.20 | 0.88 | 31.10 | 10.74 | 9.80 | 3.95 |
| CITY TOTAL | 52.10 | 2.35 | 6.60 | 0.74 | 12.50 | 1.40 | 7.30 | 1.45 | 4.90 | 1.04 | 2.40 | 0.57 | 26.70 | 2.13 | 16.20 | 1.56 |

| Ground Cover | WILD GRASS | | WATER | | SHRUB | | BUILDING | | TREE | |
|---------------|------------|-------|-------|-------|-------|------|----------|-------|-------|------|
| | % | SE | % | SE | % | SE | % | SE | % | SE |
| Land Use | | | | | | | | | | |
| Ag/Urban Res. | 12.10 | 2.85 | 1.40 | 1.05 | 3.70 | 1.31 | 4.30 | 1.28 | 7.60 | 1.84 |
| Commercial | 12.80 | 10.51 | 11.70 | 11.05 | 1.30 | 0.53 | 17.10 | 8.19 | 5.00 | 3.00 |
| Industrial | 10.80 | 4.09 | 6.50 | 3.68 | 2.30 | 1.29 | 13.40 | 3.33 | 8.40 | 2.20 |
| Direct/Other | | | 14.30 | 14.29 | | | 21.40 | 14.87 | 1.30 | 0.61 |
| Park | 5.80 | 3.52 | 5.80 | 3.63 | 3.90 | 2.78 | 12.80 | 3.34 | 14.80 | 3.69 |
| Residential | 7.70 | 2.43 | 1.30 | 1.13 | 6.30 | 1.41 | 12.90 | 2.46 | 15.50 | 2.46 |
| Institutional | 2.20 | 2.19 | 6.30 | 6.25 | 1.80 | 1.44 | 15.10 | 5.83 | 8.40 | 4.95 |
| CITY TOTAL | 9.00 | 1.44 | 3.70 | 1.19 | 3.90 | 0.70 | 10.50 | 1.33 | 10.30 | 1.09 |

Total Estimates for Trees in Edmonton by Species

Series: Circles, Time Period: 2009

| Species | Number of Trees | | Carbon (mt) | | Gross Seq (mt/yr) | | Net Seq (mt/yr) | | Leaf Area (km2) | | Leaf Biomass (mt) | |
|-------------------------|-----------------|-----------|-------------|----------|-------------------|---------|-----------------|---------|-----------------|------|-------------------|---------|
| | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE |
| Quaking aspen | 5,914,418 | 1,558,232 | 95,788.3 | 26,505.5 | 7,935.3 | 2,098.5 | 5,816.4 | 1,732.6 | 21.6 | 6.2 | 1,702.2 | 491.4 |
| Balsam poplar | 2,068,533 | 630,753 | 93,511.8 | 29,510.1 | 3,461.7 | 1,215.3 | -2,069.5 | 2,121.6 | 18.9 | 5.6 | 1,362.6 | 405.6 |
| White spruce | 545,376 | 206,595 | 37,116.2 | 10,809.3 | 1,852.1 | 486.5 | 1,368.0 | 338.4 | 27.4 | 6.7 | 4,396.9 | 1,076.9 |
| Aspen | 505,528 | 204,968 | 16,958.7 | 7,596.1 | 73.6 | 73.6 | -1,562.8 | 891.0 | 0.3 | 0.3 | 17.9 | 17.9 |
| Blue spruce | 359,095 | 113,602 | 24,431.3 | 6,887.9 | 1,438.9 | 338.6 | 1,329.0 | 312.6 | 21.2 | 6.1 | 3,600.3 | 1,039.6 |
| American mountain ash | 305,344 | 184,577 | 16,279.8 | 8,290.3 | 977.8 | 465.6 | 847.7 | 405.2 | 3.8 | 2.2 | 304.8 | 172.9 |
| Tamarack | 299,947 | 288,361 | 8,786.1 | 8,783.8 | 267.4 | 265.9 | 87.1 | 85.6 | 1.0 | 0.9 | 44.5 | 43.7 |
| Willow | 245,961 | 125,866 | 60,766.2 | 43,167.3 | 2,378.8 | 1,546.4 | 2,304.6 | 1,516.2 | 3.1 | 1.6 | 194.1 | 98.0 |
| Boxelder | 244,352 | 72,397 | 45,135.9 | 17,760.5 | 2,006.2 | 648.3 | 890.2 | 825.8 | 9.0 | 2.8 | 826.8 | 257.1 |
| Western service berry | 230,935 | 154,184 | 1,511.1 | 797.9 | 257.0 | 137.4 | 252.8 | 135.7 | 0.4 | 0.2 | 35.9 | 21.1 |
| Paper birch | 224,152 | 111,869 | 21,542.8 | 15,062.0 | 857.9 | 635.7 | -72.4 | 483.4 | 5.2 | 3.5 | 367.0 | 246.5 |
| Green ash | 212,038 | 53,199 | 8,689.9 | 2,531.8 | 619.7 | 166.3 | 522.5 | 165.0 | 10.5 | 3.3 | 685.8 | 213.7 |
| American elm | 163,609 | 45,257 | 25,983.3 | 11,672.7 | 1,199.7 | 401.8 | 1,099.2 | 359.5 | 22.5 | 10.2 | 1,637.7 | 741.2 |
| Balm-of-gilead | 133,110 | 108,575 | 9,863.9 | 5,356.2 | 605.9 | 337.7 | 566.0 | 318.1 | 4.4 | 2.6 | 317.1 | 187.0 |
| Common lilac | 130,644 | 33,920 | 68,508.0 | 23,001.0 | 2,462.4 | 739.6 | 2,190.3 | 652.6 | 3.2 | 1.0 | 305.6 | 94.4 |
| Northern white cedar | 124,803 | 46,466 | 1,599.9 | 655.2 | 220.8 | 84.8 | 213.9 | 82.1 | 0.8 | 0.3 | 158.9 | 60.8 |
| Crabapple | 104,139 | 33,651 | 12,833.5 | 5,233.4 | 860.2 | 310.8 | 728.9 | 260.9 | 3.1 | 1.1 | 267.6 | 95.3 |
| Manchu cherry | 96,049 | 90,801 | 3,697.5 | 3,453.5 | 536.3 | 501.9 | 520.4 | 487.1 | 0.3 | 0.3 | 24.7 | 23.8 |
| European aspen | 83,580 | 46,018 | 1,313.0 | 915.6 | 221.1 | 135.2 | 215.2 | 131.3 | 0.2 | 0.1 | 14.2 | 8.7 |
| Common chokecherry | 74,706 | 29,674 | 3,458.6 | 1,815.8 | 372.4 | 158.9 | 358.1 | 152.3 | 2.3 | 1.0 | 181.7 | 79.5 |
| Lodgepole pine | 68,088 | 22,099 | 4,280.3 | 2,002.5 | 266.3 | 101.4 | 249.7 | 94.1 | 4.6 | 1.9 | 893.8 | 372.0 |
| Gray poplar | 60,749 | 28,395 | 1,654.7 | 741.5 | 244.2 | 104.3 | 238.7 | 101.9 | 0.3 | 0.2 | 24.3 | 11.0 |
| Canada plum | 51,535 | 41,928 | 1,207.0 | 816.7 | 118.7 | 72.7 | 90.0 | 67.2 | 0.2 | 0.1 | 16.0 | 10.4 |
| Scotch pine | 41,544 | 22,192 | 899.7 | 595.0 | 67.3 | 45.5 | 6.7 | 51.5 | 0.9 | 0.7 | 88.8 | 66.8 |
| Mountain alder | 40,057 | 27,028 | 214.0 | 167.9 | 27.2 | 18.4 | 13.3 | 11.6 | 0.1 | 0.1 | 7.4 | 5.0 |
| Siberian crabapple | 39,686 | 17,050 | 1,409.7 | 941.6 | 166.2 | 85.7 | 160.2 | 82.0 | 0.5 | 0.2 | 40.3 | 18.9 |
| Honeysuckle | 37,352 | 37,349 | 492.7 | 492.7 | 59.6 | 59.5 | 51.8 | 51.7 | 0.3 | 0.3 | 13.3 | 13.3 |
| European white birch | 34,376 | 20,068 | 3,850.3 | 2,737.7 | 71.8 | 61.5 | -490.2 | 436.2 | 0.7 | 0.5 | 42.0 | 27.8 |
| Pin cherry | 30,897 | 15,947 | 520.7 | 459.6 | 78.2 | 61.8 | 76.0 | 59.9 | 0.2 | 0.1 | 7.2 | 4.9 |
| Cherry | 29,040 | 19,362 | 295.4 | 255.2 | 58.5 | 39.3 | 57.1 | 38.3 | 0.2 | 0.2 | 19.2 | 12.3 |
| Siberian elm | 28,601 | 15,061 | 10,057.2 | 5,829.3 | 288.5 | 183.2 | -483.0 | 765.5 | 11.2 | 7.2 | 762.1 | 490.1 |
| European bird cherry | 28,450 | 12,527 | 6,217.1 | 3,412.7 | 374.1 | 185.0 | 349.2 | 171.8 | 2.0 | 1.1 | 154.5 | 86.3 |
| Amur maple | 26,680 | 13,909 | 2,823.3 | 1,647.5 | 220.2 | 111.6 | 208.9 | 105.5 | 1.5 | 1.0 | 86.2 | 56.3 |
| Japanese tree lilac | 26,420 | 18,758 | 270.6 | 190.0 | 48.0 | 30.1 | 47.1 | 29.5 | 0.2 | 0.1 | 20.8 | 13.9 |
| Spruce | 22,649 | 11,289 | 738.1 | 687.3 | 16.7 | 13.2 | -172.6 | 189.1 | 0.0 | 0.0 | 6.4 | 4.7 |
| Jack pine | 20,618 | 12,340 | 1,513.7 | 1,075.3 | 62.9 | 43.6 | 57.1 | 39.4 | 1.5 | 1.2 | 127.2 | 99.0 |
| European cranberry bush | 16,008 | 16,007 | 11.2 | 11.2 | 6.2 | 6.2 | 6.1 | 6.1 | 0.0 | 0.0 | 1.6 | 1.6 |
| Linden | 11,852 | 11,851 | 381.0 | 380.9 | 48.4 | 48.4 | 46.8 | 46.8 | 0.4 | 0.4 | 18.3 | 18.3 |
| Rocky mountain juniper | 11,800 | 11,799 | 56.1 | 56.1 | 13.2 | 13.2 | 12.9 | 12.9 | 0.1 | 0.1 | 18.3 | 18.3 |
| Red elderberry | 11,262 | 7,974 | 846.0 | 693.0 | 77.2 | 62.0 | 70.4 | 55.6 | 0.1 | 0.1 | 9.3 | 7.4 |
| Littleleaf linden | 11,262 | 7,974 | 3,129.0 | 2,286.2 | 119.1 | 84.2 | 110.1 | 77.8 | 2.6 | 2.3 | 192.9 | 170.6 |
| Siberian pea tree | 10,672 | 10,671 | 10,102.7 | 10,101.7 | 338.4 | 338.4 | 299.5 | 299.5 | 0.5 | 0.5 | 40.6 | 40.6 |
| Smooth sumac | 10,672 | 10,671 | 394.2 | 394.1 | 56.0 | 56.0 | 54.3 | 54.3 | 0.1 | 0.1 | 6.4 | 6.4 |

| Species | Number of Trees | | Carbon (mt) | | Gross Seq (mt/yr) | | Net Seq (mt/yr) | | Leaf Area (km2) | | Leaf Biomass (mt) | |
|----------------------|-----------------|-------|-------------|---------|-------------------|-------|-----------------|-------|-----------------|-----|-------------------|-------|
| | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE |
| Norway spruce | 10,234 | 7,242 | 497.7 | 495.3 | 41.4 | 39.3 | 39.4 | 37.3 | 0.2 | 0.2 | 39.6 | 38.4 |
| White willow | 8,399 | 8,398 | 732.0 | 731.9 | 71.5 | 71.5 | 70.5 | 70.5 | 0.0 | 0.0 | 2.2 | 2.2 |
| Silver maple | 5,900 | 5,900 | 28.7 | 28.7 | 5.2 | 5.2 | 4.3 | 4.3 | 0.0 | 0.0 | 0.2 | 0.2 |
| Manzano de flor | 5,900 | 5,900 | 499.5 | 499.5 | 50.1 | 50.1 | 48.1 | 48.1 | 0.3 | 0.3 | 29.0 | 29.0 |
| Amur chokecherry | 5,900 | 5,900 | 50.8 | 50.8 | 17.2 | 17.2 | 17.1 | 17.1 | 0.0 | 0.0 | 2.9 | 2.9 |
| Laurel leaved willow | 5,900 | 5,900 | 2,972.2 | 2,972.0 | 125.4 | 125.4 | 113.9 | 113.9 | 1.9 | 1.9 | 115.8 | 115.8 |
| Birch | 5,336 | 5,336 | 809.0 | 808.9 | | | -222.4 | 222.4 | | | | |
| Other species | 5,336 | 5,336 | 796.6 | 796.5 | 62.9 | 62.9 | 59.7 | 59.7 | 0.3 | 0.3 | 22.2 | 22.2 |
| Sweet mountain pine | 5,336 | 5,336 | 72.3 | 72.3 | 11.1 | 11.1 | 10.8 | 10.8 | 0.1 | 0.1 | 9.3 | 9.3 |
| Ponderosa pine | 5,336 | 5,336 | 73.9 | 73.9 | 11.5 | 11.5 | 11.1 | 11.1 | 0.1 | 0.1 | 13.6 | 13.6 |
| Pine | 4,200 | 4,199 | 10.0 | 10.0 | 1.9 | 1.9 | 1.9 | 1.9 | 0.0 | 0.0 | 1.3 | 1.3 |
| Morden hawthorn | 3,822 | 3,822 | 90.9 | 90.9 | 18.0 | 18.0 | 17.6 | 17.6 | 0.1 | 0.1 | 5.7 | 5.7 |

Total Estimates for Trees in Edmonton by Land Use and Species

Series: Circles, Time Period: 2009

| Land Use | Species | Number of Trees | | Carbon (mt) | | Gross Seq (mt/yr) | | Net Seq (mt/yr) | | Leaf Area (km2) | | Leaf Biomass (mt) | |
|---------------|------------------------|-----------------|-----------|-------------|----------|-------------------|---------|-----------------|---------|-----------------|------|-------------------|---------|
| | | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE |
| Ag/Urban Res. | Quaking aspen | 1,722,860 | 722,767 | 30,276.6 | 15,630.1 | 2,261.1 | 1,030.8 | 1,537.5 | 770.9 | 8.0 | 4.1 | 628.6 | 325.4 |
| | Balsam poplar | 855,530 | 480,916 | 50,178.7 | 25,450.6 | 1,780.5 | 1,069.3 | -1,229.5 | 1,693.3 | 8.4 | 4.3 | 607.6 | 311.9 |
| | White spruce | 59,002 | 28,455 | 2,713.5 | 1,516.3 | 189.3 | 94.6 | 180.4 | 90.0 | 3.7 | 1.9 | 601.9 | 305.7 |
| | Aspen | 35,401 | 20,238 | 5,313.5 | 4,937.8 | | | -834.1 | 801.6 | | | | |
| | Blue spruce | 153,405 | 102,595 | 6,594.2 | 3,877.3 | 419.7 | 199.3 | 393.9 | 184.7 | 7.2 | 4.1 | 1,213.5 | 693.5 |
| | American mountain ash | 182,906 | 165,330 | 3,461.6 | 3,104.7 | 211.2 | 139.6 | 197.8 | 128.4 | 0.5 | 0.3 | 39.0 | 22.5 |
| | Tamarack | 11,800 | 11,799 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 | 0.8 | 0.8 |
| | Willow | 23,601 | 14,334 | 312.7 | 203.2 | 31.7 | 25.6 | 3.9 | 37.1 | 0.1 | 0.1 | 6.1 | 5.8 |
| | Boxelder | 41,301 | 24,102 | 7,109.5 | 4,946.2 | 339.5 | 195.6 | -380.6 | 600.2 | 1.9 | 1.1 | 174.1 | 100.3 |
| | Western service berry | 59,002 | 53,367 | 256.1 | 234.4 | 60.2 | 54.6 | 59.4 | 53.9 | 0.2 | 0.1 | 15.2 | 13.5 |
| | Paper birch | 11,800 | 8,303 | 438.7 | 335.3 | 60.8 | 46.7 | 59.2 | 45.4 | 0.5 | 0.5 | 38.3 | 32.1 |
| | Green ash | 53,102 | 31,493 | 1,452.8 | 995.4 | 147.2 | 98.3 | 132.6 | 94.0 | 3.4 | 2.4 | 220.3 | 157.9 |
| | American elm | 29,501 | 15,413 | 7,950.6 | 7,024.1 | 291.1 | 208.5 | 260.4 | 182.0 | 4.3 | 3.5 | 311.4 | 254.9 |
| | Common lilac | 11,800 | 8,303 | 11,518.5 | 8,703.5 | 376.8 | 274.6 | 332.5 | 241.3 | 0.4 | 0.3 | 35.4 | 24.9 |
| | Northern white cedar | 29,501 | 17,546 | 326.5 | 189.0 | 52.8 | 31.0 | 51.4 | 30.2 | 0.2 | 0.2 | 45.8 | 30.7 |
| | Crabapple | 23,601 | 18,602 | 4,081.3 | 3,918.8 | 235.5 | 207.1 | 199.6 | 172.3 | 0.7 | 0.6 | 56.8 | 53.9 |
| | Common chokecherry | 29,501 | 19,446 | 1,774.8 | 1,512.3 | 165.5 | 115.3 | 158.2 | 110.0 | 1.2 | 0.9 | 96.5 | 68.2 |
| | Lodgepole pine | 11,800 | 11,799 | 248.1 | 248.1 | 34.5 | 34.5 | 33.4 | 33.4 | 0.6 | 0.6 | 107.9 | 107.9 |
| | Gray poplar | 5,900 | 5,900 | 356.3 | 356.3 | 38.5 | 38.5 | 37.0 | 37.0 | 0.0 | 0.0 | 1.2 | 1.2 |
| Commercial | Canada plum | 41,301 | 41,298 | 282.3 | 282.3 | 59.0 | 59.0 | 58.7 | 58.7 | 0.1 | 0.1 | 9.1 | 9.1 |
| | Scotch pine | 11,800 | 11,799 | 466.3 | 466.3 | 21.7 | 21.7 | -34.5 | 34.5 | 0.3 | 0.3 | 25.1 | 25.1 |
| | Siberian crabapple | 5,900 | 5,900 | 888.3 | 888.2 | 70.0 | 70.0 | 66.4 | 66.4 | 0.1 | 0.1 | 7.8 | 7.8 |
| | Pin cherry | 5,900 | 5,900 | 35.5 | 35.5 | 8.0 | 8.0 | 7.8 | 7.8 | 0.1 | 0.1 | 4.0 | 4.0 |
| | Japanese tree lilac | 17,701 | 17,699 | 82.3 | 82.3 | 19.1 | 19.1 | 19.0 | 19.0 | 0.1 | 0.1 | 5.8 | 5.8 |
| | Spruce | 5,900 | 5,900 | 686.1 | 686.0 | | | -188.6 | 188.6 | | | | |
| | Rocky mountain juniper | 11,800 | 11,799 | 56.1 | 56.1 | 13.2 | 13.2 | 12.9 | 12.9 | 0.1 | 0.1 | 18.3 | 18.3 |
| | Silver maple | 5,900 | 5,900 | 28.7 | 28.7 | 5.2 | 5.2 | 4.3 | 4.3 | 0.0 | 0.0 | 0.2 | 0.2 |
| | Manzano de flor | 5,900 | 5,900 | 499.5 | 499.5 | 50.1 | 50.1 | 48.1 | 48.1 | 0.3 | 0.3 | 29.0 | 29.0 |
| | Amur chokecherry | 5,900 | 5,900 | 50.8 | 50.8 | 17.2 | 17.2 | 17.1 | 17.1 | 0.0 | 0.0 | 2.9 | 2.9 |
| | Laurel leaved willow | 5,900 | 5,900 | 2,972.2 | 2,972.0 | 125.4 | 125.4 | 113.9 | 113.9 | 1.9 | 1.9 | 115.8 | 115.8 |
| | Total | 3,475,220 | 1,059,474 | 140,413.8 | 45,660.6 | 7,086.1 | 1,944.0 | 1,319.7 | 2,488.4 | 44.2 | 11.5 | 4,418.2 | 1,223.9 |
| | Quaking aspen | 4,200 | 4,199 | 2.1 | 2.1 | 1.7 | 1.7 | 1.7 | 1.7 | 0.0 | 0.0 | 0.6 | 0.6 |
| | Balsam poplar | 20,998 | 20,996 | 1,654.6 | 1,654.6 | 60.4 | 60.4 | 39.5 | 39.5 | 0.9 | 0.9 | 65.4 | 65.4 |
| | Blue spruce | 4,200 | 4,199 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 0.0 | 0.0 | 0.6 | 0.6 |
| | American mountain ash | 4,200 | 4,199 | 0.2 | 0.2 | 0.7 | 0.7 | 0.7 | 0.7 | 0.0 | 0.0 | 0.1 | 0.1 |
| | Boxelder | 29,397 | 29,394 | 1,609.7 | 1,609.5 | 105.0 | 104.9 | 99.3 | 99.2 | 0.8 | 0.8 | 74.5 | 74.5 |
| | Green ash | 8,399 | 8,398 | 309.6 | 309.6 | | | -50.3 | 50.3 | | | | |
| | American elm | 4,200 | 4,199 | 123.6 | 123.6 | 21.0 | 21.0 | 20.5 | 20.5 | 0.1 | 0.1 | 9.2 | 9.2 |
| | Crabapple | 4,200 | 4,199 | 22.4 | 22.4 | 4.9 | 4.9 | 4.8 | 4.8 | 0.0 | 0.0 | 2.8 | 2.8 |
| | Common chokecherry | 12,599 | 12,597 | 9.9 | 9.9 | 5.7 | 5.7 | 5.6 | 5.6 | 0.2 | 0.2 | 13.7 | 13.7 |
| | Lodgepole pine | 8,399 | 5,555 | 191.4 | 140.1 | 20.0 | 13.3 | 19.5 | 12.9 | 0.2 | 0.1 | 32.7 | 23.2 |
| | Gray poplar | 12,599 | 12,597 | 504.6 | 504.5 | 64.3 | 64.3 | 62.1 | 62.1 | 0.1 | 0.1 | 6.7 | 6.7 |
| | Scotch pine | 8,399 | 8,398 | 69.0 | 69.0 | 5.0 | 5.0 | 2.2 | 2.2 | 0.0 | 0.0 | 1.2 | 1.2 |

| Land Use | Species | Number of Trees | | Carbon (mt) | | Gross Seq (mt/yr) | | Net Seq (mt/yr) | | Leaf Area (km2) | | Leaf Biomass (mt) | |
|--------------|-----------------------|-----------------|---------|-------------|----------|-------------------|-------|-----------------|-------|-----------------|------|-------------------|---------|
| | | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE |
| | Pin cherry | 8,399 | 8,398 | 457.6 | 457.6 | 60.9 | 60.9 | 59.0 | 59.0 | 0.1 | 0.1 | 2.8 | 2.8 |
| | White willow | 8,399 | 8,398 | 732.0 | 731.9 | 71.5 | 71.5 | 70.5 | 70.5 | 0.0 | 0.0 | 2.2 | 2.2 |
| | Pine | 4,200 | 4,199 | 10.0 | 10.0 | 1.9 | 1.9 | 1.9 | 1.9 | 0.0 | 0.0 | 1.3 | 1.3 |
| | Total | 142,787 | 81,099 | 5,698.5 | 3,711.6 | 424.8 | 204.2 | 338.5 | 149.2 | 2.5 | 2.0 | 213.9 | 173.3 |
| | Quaking aspen | 88,888 | 83,035 | 261.1 | 260.0 | 66.7 | 65.2 | 65.7 | 64.2 | 0.2 | 0.2 | 13.8 | 13.5 |
| Industrial | Balsam poplar | 47,407 | 41,768 | 2,541.1 | 1,829.4 | 151.7 | 106.1 | 129.1 | 90.6 | 1.7 | 1.4 | 120.1 | 99.1 |
| | White spruce | 59,259 | 27,988 | 9,071.3 | 4,925.5 | 475.0 | 247.3 | 439.3 | 228.3 | 8.9 | 4.2 | 1,436.7 | 670.3 |
| | Blue spruce | 23,704 | 14,243 | 4,126.7 | 2,901.3 | 200.2 | 140.6 | 184.1 | 129.6 | 3.7 | 2.7 | 626.5 | 460.9 |
| | American mountain ash | 23,704 | 14,243 | 3,216.4 | 2,040.4 | 211.8 | 119.9 | 161.9 | 98.2 | 0.5 | 0.3 | 42.9 | 26.2 |
| | Boxelder | 29,629 | 24,303 | 1,248.9 | 874.5 | 167.4 | 125.1 | 162.1 | 121.5 | 1.2 | 0.9 | 110.1 | 78.6 |
| | Western service berry | 11,852 | 11,851 | 180.2 | 180.1 | 22.4 | 22.4 | 22.0 | 22.0 | 0.0 | 0.0 | 1.1 | 1.1 |
| | Paper birch | 5,926 | 5,925 | 190.0 | 189.9 | 22.0 | 22.0 | 21.5 | 21.5 | 0.1 | 0.1 | 7.5 | 7.5 |
| | Green ash | 47,407 | 29,719 | 1,888.0 | 1,111.8 | 139.5 | 79.1 | 132.0 | 75.0 | 2.0 | 1.4 | 132.3 | 89.0 |
| | American elm | 17,778 | 13,131 | 761.6 | 714.7 | 73.6 | 59.5 | 70.4 | 56.7 | 0.7 | 0.6 | 53.7 | 42.7 |
| | Common lilac | 47,407 | 22,898 | 26,286.8 | 15,233.5 | 952.6 | 503.8 | 851.1 | 447.0 | 1.1 | 0.6 | 105.0 | 58.8 |
| | Northern white cedar | 53,333 | 30,097 | 654.5 | 393.4 | 86.9 | 50.8 | 84.1 | 49.2 | 0.4 | 0.2 | 78.6 | 43.9 |
| | Crabapple | 29,629 | 19,372 | 2,250.6 | 1,626.7 | 181.4 | 127.4 | 125.6 | 84.7 | 0.5 | 0.3 | 43.9 | 29.4 |
| | European aspen | 35,555 | 24,858 | 1,109.7 | 893.6 | 156.9 | 120.8 | 152.2 | 117.0 | 0.1 | 0.1 | 9.5 | 7.5 |
| | Common chokecherry | 5,926 | 5,925 | 901.5 | 901.5 | 77.0 | 77.0 | 73.3 | 73.3 | 0.2 | 0.2 | 14.5 | 14.5 |
| | Lodgepole pine | 11,852 | 11,851 | 1,082.1 | 1,082.0 | 65.0 | 65.0 | 60.7 | 60.7 | 1.2 | 1.2 | 234.6 | 234.6 |
| | Siberian crabapple | 17,778 | 13,131 | 201.0 | 150.9 | 46.9 | 33.4 | 45.9 | 32.6 | 0.2 | 0.2 | 20.6 | 14.6 |
| | European white birch | 23,704 | 18,612 | 2,262.1 | 2,245.8 | 68.5 | 61.5 | -62.0 | 69.7 | 0.4 | 0.3 | 21.7 | 20.1 |
| | Pin cherry | 5,926 | 5,925 | 24.5 | 24.5 | 6.5 | 6.5 | 6.4 | 6.4 | 0.0 | 0.0 | 0.3 | 0.3 |
| | Cherry | 23,704 | 18,612 | 41.9 | 30.1 | 23.1 | 17.2 | 22.7 | 16.9 | 0.2 | 0.2 | 16.2 | 12.0 |
| | Siberian elm | 23,704 | 14,243 | 9,612.2 | 5,812.3 | 248.0 | 178.6 | -521.7 | 764.5 | 10.1 | 7.1 | 685.7 | 484.1 |
| | European bird cherry | 17,778 | 10,032 | 3,090.7 | 2,605.8 | 195.0 | 135.3 | 182.4 | 125.4 | 0.8 | 0.6 | 59.3 | 45.6 |
| | Spruce | 11,852 | 8,286 | 43.3 | 41.3 | 12.9 | 12.6 | 12.4 | 12.4 | 0.0 | 0.0 | 2.0 | 1.7 |
| | Jack pine | 5,926 | 5,925 | 845.1 | 845.0 | 34.2 | 34.2 | 30.9 | 30.9 | 1.1 | 1.1 | 93.7 | 93.7 |
| | Linden | 11,852 | 11,851 | 381.0 | 380.9 | 48.4 | 48.4 | 46.8 | 46.8 | 0.4 | 0.4 | 18.3 | 18.3 |
| | Red elderberry | 5,926 | 5,925 | 670.4 | 670.4 | 59.4 | 59.4 | 52.8 | 52.8 | 0.0 | 0.0 | 2.1 | 2.1 |
| | Littleleaf linden | 5,926 | 5,925 | 1,157.0 | 1,156.9 | 59.5 | 59.5 | 55.0 | 55.0 | 0.3 | 0.3 | 24.0 | 24.0 |
| | Total | 693,328 | 198,279 | 74,099.6 | 22,603.4 | 3,852.3 | 979.7 | 2,606.3 | 969.6 | 36.2 | 11.4 | 3,974.8 | 1,214.8 |
| Direct/Other | Blue spruce | 26,550 | 26,549 | 9.2 | 9.2 | 10.3 | 10.3 | 10.2 | 10.2 | 0.0 | 0.0 | 1.3 | 1.3 |
| | Total | 26,550 | 26,549 | 9.2 | 9.2 | 10.3 | 10.3 | 10.2 | 10.2 | 0.0 | 0.0 | 1.3 | 1.3 |
| Park | Quaking aspen | 97,951 | 97,941 | 1,627.1 | 1,627.0 | 136.3 | 136.3 | 77.7 | 77.7 | 0.3 | 0.3 | 22.2 | 22.2 |
| | Balsam poplar | 308,544 | 225,128 | 3,528.9 | 2,313.4 | 309.7 | 204.7 | 234.5 | 165.2 | 1.5 | 1.0 | 110.5 | 72.7 |
| | White spruce | 48,975 | 22,879 | 4,203.0 | 3,280.4 | 249.4 | 161.2 | 233.3 | 148.7 | 2.6 | 2.1 | 415.7 | 336.7 |
| | Aspen | 19,590 | 19,588 | 56.0 | 56.0 | | | -9.1 | 9.1 | | | | |
| | Blue spruce | 39,180 | 17,363 | 5,389.3 | 3,183.5 | 239.0 | 114.1 | 209.5 | 102.7 | 3.2 | 1.7 | 540.8 | 288.3 |
| | Willow | 19,590 | 19,588 | 65.1 | 65.1 | 16.4 | 16.4 | 16.2 | 16.2 | 0.1 | 0.1 | 3.7 | 3.7 |
| | Boxelder | 44,078 | 22,623 | 13,115.6 | 8,947.1 | 563.0 | 334.1 | 485.3 | 281.4 | 2.6 | 1.8 | 235.1 | 165.0 |
| | Paper birch | 78,360 | 73,479 | 16,032.4 | 14,807.1 | 709.4 | 630.6 | 333.9 | 266.2 | 3.7 | 3.4 | 259.6 | 257.2 |
| | Green ash | 48,975 | 19,377 | 2,033.9 | 1,153.6 | 146.8 | 71.2 | 134.0 | 67.3 | 2.3 | 1.1 | 152.8 | 72.4 |
| | American elm | 58,770 | 33,684 | 13,658.0 | 9,093.8 | 500.2 | 299.6 | 448.5 | 265.6 | 11.9 | 9.0 | 867.6 | 657.1 |
| | Balm-of-gilead | 122,438 | 108,315 | 4,020.8 | 2,955.5 | 417.4 | 310.0 | 393.4 | 293.6 | 2.7 | 2.2 | 196.6 | 156.3 |
| | Common lilac | 19,590 | 11,706 | 2,832.0 | 1,754.1 | 181.7 | 104.2 | 170.4 | 97.5 | 0.4 | 0.2 | 37.8 | 21.4 |

| Land Use | Species | Number of Trees | | Carbon (mt) | | Gross Seq (mt/yr) | | Net Seq (mt/yr) | | Leaf Area (km2) | | Leaf Biomass (mt) | |
|-------------|-------------------------|-----------------|-----------|-------------|----------|-------------------|---------|-----------------|---------|-----------------|------|-------------------|-------|
| | | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE |
| | Crabapple | 14,693 | 10,824 | 2,452.4 | 1,718.1 | 158.9 | 111.1 | 137.1 | 95.5 | 0.9 | 0.6 | 76.5 | 53.3 |
| | Lodgepole pine | 14,693 | 8,236 | 2,123.3 | 1,610.4 | 82.2 | 58.8 | 74.0 | 52.6 | 1.8 | 1.3 | 342.2 | 241.3 |
| | Gray poplar | 4,898 | 4,897 | 295.8 | 295.7 | 32.0 | 31.9 | 31.7 | 31.7 | 0.1 | 0.1 | 3.7 | 3.7 |
| | Canada plum | 4,898 | 4,897 | 745.1 | 745.0 | 26.3 | 26.3 | -1.4 | 1.4 | 0.1 | 0.1 | 4.7 | 4.7 |
| | Mountain alder | 29,385 | 24,832 | 160.8 | 159.3 | 15.5 | 14.2 | 1.7 | 1.3 | 0.0 | 0.0 | 2.8 | 2.1 |
| | Siberian elm | 4,898 | 4,897 | 445.0 | 445.0 | 40.6 | 40.6 | 38.8 | 38.8 | 1.1 | 1.1 | 76.4 | 76.4 |
| | Japanese tree lilac | 4,898 | 4,897 | 17.9 | 17.9 | 6.6 | 6.6 | 6.4 | 6.4 | 0.0 | 0.0 | 2.7 | 2.7 |
| | Spruce | 4,898 | 4,897 | 8.8 | 8.8 | 3.8 | 3.8 | 3.7 | 3.7 | 0.0 | 0.0 | 4.4 | 4.4 |
| | Jack pine | 14,693 | 10,824 | 668.7 | 664.9 | 28.8 | 27.1 | 26.2 | 24.5 | 0.4 | 0.4 | 33.6 | 32.1 |
| | Norway spruce | 4,898 | 4,897 | 495.4 | 495.3 | 39.3 | 39.3 | 37.3 | 37.3 | 0.2 | 0.2 | 38.4 | 38.4 |
| | Total | 1,008,891 | 337,766 | 73,975.2 | 20,617.3 | 3,903.1 | 928.1 | 3,083.0 | 649.0 | 35.9 | 10.6 | 3,427.5 | 969.4 |
| Residential | Quaking aspen | 3,996,698 | 1,374,473 | 62,982.2 | 21,333.6 | 5,439.1 | 1,821.3 | 4,104.9 | 1,548.1 | 13.1 | 4.7 | 1,033.1 | 367.3 |
| | Balsam poplar | 629,653 | 282,993 | 30,569.5 | 14,045.4 | 908.8 | 487.8 | -1,146.8 | 1,213.8 | 5.6 | 3.0 | 406.4 | 214.6 |
| | White spruce | 362,851 | 201,059 | 15,865.3 | 8,054.1 | 768.9 | 354.8 | 360.1 | 140.6 | 8.9 | 3.7 | 1,434.5 | 587.2 |
| | Aspen | 442,892 | 202,880 | 10,899.8 | 5,730.7 | 73.6 | 73.6 | -607.5 | 372.4 | 0.3 | 0.3 | 17.9 | 17.9 |
| | Blue spruce | 112,057 | 33,955 | 8,310.4 | 3,722.7 | 568.0 | 205.0 | 529.6 | 190.1 | 7.2 | 3.3 | 1,217.7 | 551.5 |
| | American mountain ash | 90,713 | 80,621 | 9,599.0 | 7,411.2 | 552.0 | 427.7 | 485.3 | 371.6 | 2.8 | 2.1 | 221.6 | 169.4 |
| | Tamarack | 288,146 | 288,119 | 8,784.6 | 8,783.8 | 265.9 | 265.9 | 85.6 | 85.6 | 0.9 | 0.9 | 43.7 | 43.7 |
| | Willow | 202,770 | 123,503 | 60,388.4 | 43,166.8 | 2,330.8 | 1,546.1 | 2,284.6 | 1,515.6 | 3.0 | 1.6 | 184.3 | 97.8 |
| | Boxelder | 69,369 | 41,943 | 19,356.6 | 14,152.7 | 677.3 | 469.1 | 376.3 | 442.8 | 1.8 | 1.2 | 164.3 | 111.3 |
| | Western service berry | 160,081 | 144,167 | 1,074.8 | 741.1 | 174.4 | 124.1 | 171.4 | 122.6 | 0.2 | 0.2 | 19.6 | 16.2 |
| | Paper birch | 128,065 | 83,735 | 4,881.7 | 2,731.9 | 65.6 | 61.0 | -487.0 | 400.4 | 0.9 | 0.8 | 61.6 | 58.6 |
| | Green ash | 42,688 | 20,975 | 2,827.7 | 1,654.6 | 158.3 | 79.0 | 147.1 | 72.8 | 2.3 | 1.3 | 150.1 | 84.5 |
| | American elm | 53,360 | 22,043 | 3,489.4 | 1,921.2 | 313.8 | 155.6 | 299.5 | 148.2 | 5.4 | 3.1 | 395.8 | 225.4 |
| | Balm-of-gilead | 10,672 | 7,503 | 5,843.1 | 4,466.9 | 188.5 | 133.8 | 172.5 | 122.4 | 1.7 | 1.4 | 120.5 | 102.6 |
| | Common lilac | 48,024 | 20,141 | 21,686.9 | 13,413.9 | 826.6 | 437.6 | 745.7 | 387.4 | 1.1 | 0.6 | 105.7 | 62.5 |
| | Northern white cedar | 26,680 | 26,678 | 463.3 | 463.2 | 54.1 | 54.1 | 52.2 | 52.2 | 0.1 | 0.1 | 28.0 | 28.0 |
| | Crabapple | 32,016 | 16,621 | 4,026.8 | 2,536.3 | 279.5 | 158.4 | 261.8 | 148.6 | 1.0 | 0.6 | 87.7 | 49.6 |
| | Manchu cherry | 96,049 | 90,801 | 3,697.5 | 3,453.5 | 536.3 | 501.9 | 520.4 | 487.1 | 0.3 | 0.3 | 24.7 | 23.8 |
| | European aspen | 48,024 | 38,727 | 203.3 | 199.7 | 64.2 | 60.7 | 63.0 | 59.6 | 0.1 | 0.1 | 4.7 | 4.4 |
| | Common chokecherry | 26,680 | 17,568 | 772.3 | 444.4 | 124.3 | 77.3 | 121.0 | 75.5 | 0.7 | 0.5 | 57.0 | 35.5 |
| | Lodgepole pine | 21,344 | 10,488 | 635.3 | 405.5 | 64.6 | 35.2 | 62.1 | 33.6 | 0.9 | 0.6 | 176.3 | 113.9 |
| | Gray poplar | 37,352 | 24,265 | 498.1 | 284.4 | 109.5 | 65.3 | 107.8 | 64.3 | 0.2 | 0.1 | 12.7 | 7.9 |
| | Canada plum | 5,336 | 5,336 | 179.6 | 179.6 | 33.4 | 33.4 | 32.6 | 32.6 | 0.0 | 0.0 | 2.3 | 2.3 |
| | Scotch pine | 21,344 | 16,815 | 364.4 | 363.2 | 40.6 | 39.7 | 39.1 | 38.2 | 0.6 | 0.6 | 62.6 | 61.9 |
| | Mountain alder | 10,672 | 10,671 | 53.2 | 53.2 | 11.7 | 11.7 | 11.6 | 11.6 | 0.1 | 0.1 | 4.6 | 4.6 |
| | Siberian crabapple | 16,008 | 9,136 | 320.5 | 273.6 | 49.3 | 36.5 | 47.9 | 35.4 | 0.1 | 0.1 | 11.8 | 9.0 |
| | Honeysuckle | 37,352 | 37,349 | 492.7 | 492.7 | 59.6 | 59.5 | 51.8 | 51.7 | 0.3 | 0.3 | 13.3 | 13.3 |
| | European white birch | 10,672 | 7,503 | 1,588.2 | 1,565.7 | 3.3 | 3.3 | -428.2 | 430.6 | 0.3 | 0.3 | 20.2 | 19.1 |
| | Pin cherry | 10,672 | 10,671 | 3.1 | 3.1 | 2.8 | 2.8 | 2.8 | 2.8 | 0.0 | 0.0 | 0.2 | 0.2 |
| | Cherry | 5,336 | 5,336 | 253.4 | 253.4 | 35.4 | 35.4 | 34.3 | 34.3 | 0.0 | 0.0 | 3.0 | 3.0 |
| | European bird cherry | 10,672 | 7,503 | 3,126.3 | 2,203.6 | 179.2 | 126.1 | 166.8 | 117.4 | 1.2 | 0.9 | 95.2 | 73.2 |
| | Amur maple | 26,680 | 13,909 | 2,823.3 | 1,647.5 | 220.2 | 111.6 | 208.9 | 105.5 | 1.5 | 1.0 | 86.2 | 56.3 |
| | European cranberry bush | 16,008 | 16,007 | 11.2 | 11.2 | 6.2 | 6.2 | 6.1 | 6.1 | 0.0 | 0.0 | 1.6 | 1.6 |
| | Red elderberry | 5,336 | 5,336 | 175.6 | 175.6 | 17.8 | 17.8 | 17.7 | 17.7 | 0.1 | 0.1 | 7.1 | 7.1 |

| Land Use | Species | Number of Trees | | Carbon (mt) | | Gross Seq (mt/yr) | | Net Seq (mt/yr) | | Leaf Area (km2) | | Leaf Biomass (mt) | |
|---------------|-----------------------|-----------------|-----------|-------------|----------|-------------------|---------|-----------------|---------|-----------------|------|-------------------|---------|
| | | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE | Val | SE |
| | Littleleaf linden | 5,336 | 5,336 | 1,972.1 | 1,971.9 | 59.6 | 59.6 | 55.1 | 55.1 | 2.3 | 2.3 | 169.0 | 168.9 |
| | Siberian pea tree | 10,672 | 10,671 | 10,102.7 | 10,101.7 | 338.4 | 338.4 | 299.5 | 299.5 | 0.5 | 0.5 | 40.6 | 40.6 |
| | Smooth sumac | 10,672 | 10,671 | 394.2 | 394.1 | 56.0 | 56.0 | 54.3 | 54.3 | 0.1 | 0.1 | 6.4 | 6.4 |
| | Norway spruce | 5,336 | 5,336 | 2.3 | 2.3 | 2.1 | 2.1 | 2.1 | 2.1 | 0.0 | 0.0 | 1.2 | 1.2 |
| | Birch | 5,336 | 5,336 | 809.0 | 808.9 | -222.4 | -222.4 | 222.4 | 222.4 | | | | |
| | Other species | 5,336 | 5,336 | 796.6 | 796.5 | 62.9 | 62.9 | 59.7 | 59.7 | 0.3 | 0.3 | 22.2 | 22.2 |
| | Sweet mountain pine | 5,336 | 5,336 | 72.3 | 72.3 | 11.1 | 11.1 | 10.8 | 10.8 | 0.1 | 0.1 | 9.3 | 9.3 |
| | Ponderosa pine | 5,336 | 5,336 | 73.9 | 73.9 | 11.5 | 11.5 | 11.1 | 11.1 | 0.1 | 0.1 | 13.6 | 13.6 |
| | Total | 7,155,637 | 1,765,084 | 300,470.3 | 70,714.6 | 15,745.0 | 3,248.0 | 9,171.2 | 3,279.4 | 66.5 | 10.3 | 6,537.9 | 1,094.4 |
| Institutional | Quaking aspen | 3,822 | 3,822 | 639.1 | 639.0 | 30.3 | 30.3 | 28.9 | 28.9 | 0.0 | 0.0 | 3.9 | 3.9 |
| | Balsam poplar | 206,400 | 183,347 | 5,038.8 | 3,795.4 | 250.5 | 197.3 | -96.2 | 351.6 | 0.7 | 0.6 | 52.6 | 42.7 |
| | White spruce | 15,289 | 11,841 | 5,263.2 | 3,827.6 | 169.5 | 121.4 | 154.8 | 111.6 | 3.2 | 2.5 | 508.1 | 398.6 |
| | Aspen | 7,644 | 7,643 | 689.3 | 689.3 | | | -112.0 | 112.0 | | | | |
| | American mountain ash | 3,822 | 3,822 | 2.7 | 2.7 | 2.2 | 2.2 | 2.1 | 2.1 | 0.0 | 0.0 | 1.3 | 1.3 |
| | Boxelder | 30,578 | 30,574 | 2,695.7 | 2,695.3 | 154.1 | 154.1 | 147.9 | 147.8 | 0.8 | 0.8 | 68.6 | 68.6 |
| | Green ash | 11,467 | 8,315 | 177.9 | 136.5 | 27.9 | 20.8 | 27.1 | 20.2 | 0.5 | 0.3 | 30.3 | 20.9 |
| | Common lilac | 3,822 | 3,822 | 6,183.8 | 6,183.0 | 124.6 | 124.6 | 90.6 | 90.6 | 0.2 | 0.2 | 21.8 | 21.8 |
| | Northern white cedar | 15,289 | 15,287 | 155.7 | 155.7 | 26.9 | 26.9 | 26.3 | 26.3 | 0.0 | 0.0 | 6.4 | 6.4 |
| | Japanese tree lilac | 3,822 | 3,822 | 170.3 | 170.3 | 22.4 | 22.4 | 21.6 | 21.6 | 0.1 | 0.1 | 12.4 | 12.4 |
| | Morden hawthorn | 3,822 | 3,822 | 90.9 | 90.9 | 18.0 | 18.0 | 17.6 | 17.6 | 0.1 | 0.1 | 5.7 | 5.7 |
| | Total | 305,778 | 193,929 | 21,107.5 | 17,252.4 | 826.4 | 498.5 | 308.6 | 207.0 | 5.6 | 3.6 | 711.0 | 497.2 |
| CITY TOTAL | Total | 12,808,192 | 2,106,252 | 615,774.0 | 91,284.4 | 31,848.0 | 4,054.6 | 16,837.6 | 4,286.4 | 190.9 | 22.3 | 19,284.5 | 2,321.3 |