

DNR 2010 Community Tree Survey for the City of Cook, St. Louis County

** Only maintained areas are surveyed. Maintained areas are periodically mowed or fall within an artificial surface, (e.g. parking lot).

Table 1. Diversity of tree genera, size class distribution, and healthy tree population and percents.

Genera	<u>Dead trees are included in population numbers & all percents.</u>						<u>Only live trees are included in numbers & percents.</u>		
	Population	Genera %	Size Classes ++				Population	All Classes Genera %	Healthy
			Small	Medium	Large	Super			
Picea (Spruce)	1,400	28.0%	23.3%	31.5%	38.4%	6.8%	1,400	28.4%	94.5%
Populus (Poplar)	600	11.5%	56.7%	21.7%	21.7%	0.0%	500	11.3%	93.1%
Ulmus (Elm)	500	10.0%	40.4%	36.5%	21.2%	1.9%	500	10.1%	88.5%
Fraxinus (Ash)	300	6.3%	24.2%	66.7%	9.1%	0.0%	300	6.4%	75.8%
Acer (Maple)	300	5.6%	31.0%	37.9%	24.1%	6.9%	300	5.6%	65.5%
Thuja (White Cedar)	300	5.2%	22.2%	63.0%	14.8%	0.0%	300	5.3%	85.2%
Pinus (Pine)	200	5.0%	30.8%	42.3%	26.9%	0.0%	200	4.9%	96.0%
Malus (Apple)	200	4.0%	81.0%	19.0%	0.0%	0.0%	200	4.1%	85.7%
Salix (Willow)	200	3.8%	50.0%	40.0%	0.0%	10.0%	200	3.9%	75.0%
Abies (Fir)	200	3.6%	47.4%	36.8%	10.5%	5.3%	100	2.7%	100.0%
Betula (Birch)	200	3.4%	33.3%	44.4%	22.2%	0.0%	200	3.5%	83.3%
Quercus (Oak)	200	3.4%	22.2%	72.2%	5.6%	0.0%	200	3.5%	100.0%
Crataegus (Hawthorn)	100	2.1%	100.0%	0.0%	0.0%	0.0%	100	2.1%	100.0%
Sorbus (Mountain Ash)	100	2.1%	81.8%	18.2%	0.0%	0.0%	100	2.1%	90.9%
Boxelder	<100	1.9%	30.0%	60.0%	10.0%	0.0%	<100	1.9%	90.0%
Tilia (Basswood)	<100	1.7%	22.2%	44.4%	33.3%	0.0%	<100	1.8%	77.8%
Prunus (Plum)	<100	1.3%	71.4%	28.6%	0.0%	0.0%	<100	1.4%	71.4%
Larix (Tamarack)	<100	0.6%	0.0%	100.0%	0.0%	0.0%	<100	0.6%	66.7%
Aesculus (Buckeye)	<100	0.2%	0.0%	100.0%	0.0%	0.0%	<100	0.2%	100.0%
Amelanchier (Juneberry)	<100	0.2%	100.0%	0.0%	0.0%	0.0%	<100	0.2%	100.0%

Table 2. Tree condition by size class.

Size Classes ++	Population	Size Class %	Healthy	Dieback	Discolor	Both	Dead
Small (1" - 4.9")	1,900	37.7%	93.4%	5.6%	0.0%	0.0%	1.0%
Medium (5" - 11.9")	1,900	37.7%	84.8%	12.2%	0.0%	0.0%	3.0%
Large (12" - 20.9")	1,100	21.5%	80.4%	19.6%	0.0%	0.0%	0.0%
Super (21" +)	200	3.1%	87.5%	12.5%	0.0%	0.0%	0.0%

The numbers above (both tables) do not include shrub-like trees (e.g. Arbovitae) or non-maintained areas such as vacant areas.

**Area within city limits is 1,482 acres. The Business & Residential area is 210 acres, of which 95.2% (200 acres) is considered Maintained while 4.8% (10 acres) is considered Non-Maintained.