

## DNR 2010 Community Tree Survey for the City of Aurora, 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 &amp; all percents.</u>						<u>Only live trees are included in numbers &amp; percents.</u>		
	Population	Genera %	Size Classes ++				Population	All Classes	
			Small	Medium	Large	Super		Genera %	Healthy
Picea (Spruce)	3,100	31.9%	25.2%	35.0%	33.7%	6.1%	2,900	31.1%	99.6%
Acer (Maple)	1,300	13.2%	40.2%	40.2%	14.7%	4.9%	1,300	13.4%	88.2%
Fraxinus (Ash)	1,100	11.8%	28.6%	46.2%	19.8%	5.5%	1,100	12.0%	83.5%
Pinus (Pine)	1,000	10.5%	6.2%	48.1%	34.6%	11.1%	1,000	10.5%	100.0%
Malus (Apple)	700	7.5%	43.1%	55.2%	1.7%	0.0%	700	7.6%	93.1%
Boxelder	500	4.8%	29.7%	24.3%	32.4%	13.5%	400	4.7%	55.6%
Betula (Birch)	400	4.7%	5.6%	83.3%	11.1%	0.0%	400	4.7%	77.8%
Ulmus (Elm)	400	4.4%	35.3%	35.3%	20.6%	8.8%	400	4.5%	100.0%
Prunus (Plum)	200	2.2%	70.6%	29.4%	0.0%	0.0%	200	2.2%	94.1%
Tilia (Basswood)	200	1.9%	40.0%	26.7%	26.7%	6.7%	200	2.0%	100.0%
Thuja (White Cedar)	200	1.7%	7.7%	46.2%	46.2%	0.0%	200	1.7%	100.0%
Sorbus (Mountain Ash)	100	1.4%	54.5%	45.5%	0.0%	0.0%	100	1.4%	63.6%
Quercus (Oak)	<100	0.9%	14.3%	71.4%	0.0%	14.3%	<100	0.9%	100.0%
Abies (Fir)	<100	0.8%	0.0%	33.3%	66.7%	0.0%	<100	0.8%	100.0%
Populus (Poplar)	<100	0.8%	50.0%	33.3%	16.7%	0.0%	<100	0.8%	83.3%
Juniperus (Red Cedar)	<100	0.5%	0.0%	100.0%	0.0%	0.0%	<100	0.5%	100.0%
Larix (Tamarack)	<100	0.4%	0.0%	100.0%	0.0%	0.0%	<100	0.4%	100.0%
Amelanchier (Juneberry)	<100	0.3%	100.0%	0.0%	0.0%	0.0%	<100	0.3%	100.0%
Salix (Willow)	<100	0.3%	50.0%	50.0%	0.0%	0.0%	<100	0.3%	100.0%

Table 2. Tree condition by size class.

Size Classes ++	Population	Size Class %	Healthy	Dieback	Discolor	Both	Dead
Small (1" - 4.9")	2,700	28.0%	94.4%	3.7%	0.0%	0.0%	1.9%
Medium (5" - 11.9")	4,100	42.5%	90.9%	7.0%	0.0%	0.0%	2.1%
Large (12" - 20.9")	2,300	23.7%	86.3%	13.1%	0.0%	0.0%	0.5%
Super (21" +)	500	5.7%	84.1%	15.9%	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 2,484 acres. The Business & Residential area is 437 acres, of which 98.9% (432 acres) is considered Maintained while 1.1% (5 acres) is considered Non-Maintained.