

## DNR 2010 Community Tree Survey for the **City of Chisholm, 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
Acer (Maple)	3,500	22.4%	38.3%	20.8%	18.8%	22.1%	3,500	22.5%	64.4%
Fraxinus (Ash)	3,400	22.1%	25.2%	41.5%	30.6%	2.7%	3,400	22.2%	74.8%
Picea (Spruce)	2,800	18.2%	11.6%	41.3%	43.8%	3.3%	2,800	18.2%	99.2%
Pinus (Pine)	1,300	8.1%	7.4%	50.0%	42.6%	0.0%	1,300	8.2%	100.0%
Malus (Apple)	1,000	6.2%	56.1%	36.6%	7.3%	0.0%	1,000	6.2%	90.2%
Sorbus (Mountain Ash)	700	4.7%	51.6%	41.9%	6.5%	0.0%	700	4.7%	71.0%
Ulmus (Elm)	500	3.5%	73.9%	21.7%	4.3%	0.0%	500	3.5%	100.0%
Betula (Birch)	400	2.6%	11.8%	70.6%	17.6%	0.0%	400	2.6%	82.4%
Boxelder	400	2.4%	50.0%	37.5%	12.5%	0.0%	400	2.4%	81.3%
Tilia (Basswood)	400	2.4%	68.8%	12.5%	12.5%	6.3%	400	2.4%	100.0%
Thuja (White Cedar)	300	2.3%	13.3%	73.3%	13.3%	0.0%	300	2.3%	100.0%
Quercus (Oak)	300	1.8%	25.0%	41.7%	25.0%	8.3%	300	1.8%	100.0%
Abies (Fir)	200	1.2%	12.5%	75.0%	12.5%	0.0%	200	1.2%	100.0%
Prunus (Plum)	<100	0.6%	100.0%	0.0%	0.0%	0.0%	<100	0.6%	100.0%
Salix (Willow)	<100	0.5%	66.7%	0.0%	33.3%	0.0%	<100	0.5%	100.0%
Aesculus (Buckeye)	<100	0.3%	50.0%	50.0%	0.0%	0.0%	<100	0.3%	100.0%
Juglans (Black Walnut)	<100	0.3%	100.0%	0.0%	0.0%	0.0%	<100	0.3%	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")	4,800	31.0%	82.9%	17.6%	0.0%	1.5%	0.0%
Medium (5" - 11.9")	5,700	37.0%	91.0%	9.0%	0.0%	0.0%	0.0%
Large (12" - 20.9")	3,900	25.5%	82.8%	16.6%	0.0%	0.0%	0.6%
Super (21" +)	1,000	6.5%	51.2%	48.8%	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 3,030 acres. The Business & Residential area is 933 acres, of which 100.0% (933 acres) is considered Maintained while 0.0% (<1 acres) is considered Non-Maintained.