

## DNR 2010 Community Tree Survey for the City of Tower, 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
Fraxinus (Ash)	900	25.6%	29.1%	38.2%	26.4%	6.4%	900	25.8%	78.2%
Prunus (Plum)	700	19.6%	11.9%	65.5%	22.6%	0.0%	700	19.7%	98.8%
Picea (Spruce)	500	14.5%	19.4%	32.3%	43.5%	4.8%	500	14.5%	98.4%
Acer (Maple)	300	8.6%	32.4%	32.4%	24.3%	10.8%	300	8.7%	81.1%
Thuja (White Cedar)	200	5.8%	8.0%	64.0%	28.0%	0.0%	200	5.9%	100.0%
Malus (Apple)	200	4.9%	61.9%	33.3%	4.8%	0.0%	200	4.4%	84.2%
Abies (Fir)	100	3.7%	18.8%	75.0%	6.3%	0.0%	100	3.7%	100.0%
Betula (Birch)	100	3.7%	12.5%	37.5%	50.0%	0.0%	100	3.7%	87.5%
Tilia (Basswood)	100	3.5%	20.0%	26.7%	53.3%	0.0%	100	3.5%	100.0%
Ulmus (Elm)	100	3.0%	30.8%	61.5%	0.0%	7.7%	100	3.0%	92.3%
Populus (Poplar)	<100	1.9%	37.5%	12.5%	50.0%	0.0%	<100	1.9%	62.5%
Salix (Willow)	<100	1.9%	12.5%	0.0%	75.0%	12.5%	<100	1.9%	100.0%
Boxelder	<100	0.9%	0.0%	75.0%	25.0%	0.0%	<100	0.9%	100.0%
Quercus (Oak)	<100	0.9%	25.0%	25.0%	50.0%	0.0%	<100	0.9%	100.0%
Sorbus (Mountain Ash)	<100	0.9%	100.0%	0.0%	0.0%	0.0%	<100	0.9%	50.0%
Aesculus (Buckeye)	<100	0.2%	0.0%	100.0%	0.0%	0.0%	<100	0.2%	0.0%
Juglans (Black Walnut)	<100	0.2%	0.0%	100.0%	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")	800	23.8%	89.2%	7.8%	0.0%	1.0%	2.0%
Medium (5" - 11.9")	1,600	44.1%	94.2%	4.8%	0.0%	1.1%	0.0%
Large (12" - 20.9")	1,000	28.4%	82.8%	17.2%	0.0%	0.0%	0.0%
Super (21" +)	100	3.7%	75.0%	25.0%	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 1,673 acres. The Business & Residential area is 152 acres, of which 96.0% (146 acres) is considered Maintained while 4.0% (6 acres) is considered Non-Maintained.