

## DNR 2010 Community Tree Survey for the City of Hibbing, 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)	12,200	20.2%	21.5%	29.7%	33.2%	15.5%	12,200	20.3%	83.9%
Picea (Spruce)	12,000	19.9%	18.8%	55.0%	24.6%	1.7%	12,000	20.0%	99.7%
Fraxinus (Ash)	10,900	18.1%	18.9%	33.5%	43.9%	3.7%	10,900	18.1%	79.3%
Pinus (Pine)	5,600	9.4%	8.8%	38.8%	47.1%	5.3%	5,600	9.3%	99.4%
Malus (Apple)	5,200	8.6%	51.9%	45.5%	2.6%	0.0%	5,100	8.6%	94.8%
Betula (Birch)	3,400	5.7%	23.3%	53.4%	23.3%	0.0%	3,300	5.6%	80.2%
Populus (Poplar)	3,200	5.4%	23.5%	60.2%	16.3%	0.0%	3,200	5.3%	97.9%
Abies (Fir)	1,800	3.0%	25.9%	63.0%	11.1%	0.0%	1,800	3.0%	98.1%
Tilia (Basswood)	1,200	2.0%	27.8%	47.2%	19.4%	5.6%	1,200	2.0%	94.4%
Ulmus (Elm)	1,100	1.8%	34.4%	46.9%	15.6%	3.1%	1,100	1.8%	96.9%
Thuja (White Cedar)	900	1.5%	0.0%	89.3%	10.7%	0.0%	900	1.5%	100.0%
Boxelder	800	1.3%	43.5%	43.5%	8.7%	4.3%	800	1.3%	87.0%
Quercus (Oak)	800	1.3%	13.0%	69.6%	17.4%	0.0%	800	1.3%	95.7%
Prunus (Plum)	500	0.8%	86.7%	13.3%	0.0%	0.0%	500	0.8%	73.3%
Crataegus (Hawthorn)	200	0.3%	100.0%	0.0%	0.0%	0.0%	200	0.3%	100.0%
Juglans (Black Walnut)	200	0.3%	20.0%	40.0%	20.0%	20.0%	200	0.3%	100.0%
Salix (Willow)	200	0.3%	50.0%	0.0%	16.7%	33.3%	200	0.3%	100.0%
Amelanchier (Juneberry)	100	0.2%	100.0%	0.0%	0.0%	0.0%	100	0.2%	100.0%
Larix (Tamarack)	<100	0.1%	50.0%	50.0%	0.0%	0.0%	<100	0.1%	100.0%

**Table 2. Tree condition by size class.**

Size Classes ++	Population	Size Class %	Healthy	Dieback	Discolor	Both	Dead
Small (1" - 4.9")	14,100	23.5%	97.4%	2.1%	0.0%	0.0%	0.5%
Medium (5" - 11.9")	26,200	43.5%	94.4%	5.2%	0.0%	0.0%	0.4%
Large (12" - 20.9")	16,800	28.0%	81.5%	18.1%	0.0%	0.0%	0.4%
Super (21" +)	3,000	5.0%	68.1%	31.9%	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 119,192 acres. The Business & Residential area is 2,658 acres, of which 95.7% (2,543 acres) is considered Maintained while 4.3% (115 acres) is considered Non-Maintained.