

DNR 2010 Community Tree Survey for the City of Mountain Iron, 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	
Small			Medium	Large	Super	Genera %		Healthy	
Picea (Spruce)	2,400	17.0%	13.4%	43.7%	42.0%	0.8%	2,400	17.2%	100.0%
Acer (Maple)	2,300	16.1%	38.9%	32.7%	18.6%	9.7%	2,300	16.2%	85.7%
Pinus (Pine)	2,300	15.7%	4.5%	53.6%	34.5%	7.3%	2,200	15.8%	100.0%
Malus (Apple)	1,700	12.1%	50.6%	49.4%	0.0%	0.0%	1,700	12.1%	86.9%
Fraxinus (Ash)	1,200	8.0%	3.6%	69.6%	23.2%	3.6%	1,200	8.1%	87.5%
Betula (Birch)	1,000	7.0%	20.4%	63.3%	16.3%	0.0%	1,000	7.1%	81.6%
Abies (Fir)	800	5.6%	17.9%	74.4%	7.7%	0.0%	800	5.5%	100.0%
Populus (Poplar)	800	5.4%	44.7%	42.1%	10.5%	2.6%	700	4.9%	94.1%
Tilia (Basswood)	500	3.3%	21.7%	39.1%	34.8%	4.3%	500	3.3%	100.0%
Prunus (Plum)	300	2.4%	64.7%	35.3%	0.0%	0.0%	300	2.5%	82.4%
Boxelder	200	1.6%	36.4%	45.5%	18.2%	0.0%	200	1.6%	63.6%
Sorbus (Mountain Ash)	200	1.6%	63.6%	36.4%	0.0%	0.0%	200	1.6%	54.5%
Salix (Willow)	200	1.3%	22.2%	22.2%	22.2%	33.3%	200	1.3%	33.3%
Thuja (White Cedar)	100	1.0%	0.0%	71.4%	14.3%	14.3%	100	1.0%	100.0%
Ulmus (Elm)	<100	0.6%	50.0%	25.0%	25.0%	0.0%	<100	0.6%	75.0%
Amelanchier (Juneberry)	<100	0.4%	100.0%	0.0%	0.0%	0.0%	<100	0.4%	66.7%
Ostrya (Ironwood)	<100	0.4%	0.0%	100.0%	0.0%	0.0%	<100	0.4%	100.0%
Quercus (Oak)	<100	0.3%	0.0%	50.0%	50.0%	0.0%	<100	0.3%	100.0%
Crataegus (Hawthorn)	<100	0.1%	100.0%	0.0%	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")	3,700	25.6%	90.5%	7.3%	0.0%	0.6%	1.7%
Medium (5" - 11.9")	7,000	48.7%	90.9%	7.0%	0.3%	0.3%	1.5%
Large (12" - 20.9")	3,100	21.7%	90.1%	9.9%	0.0%	0.0%	0.0%
Super (21" +)	600	4.0%	64.3%	35.7%	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 45,299 acres. The Business & Residential area is 703 acres, of which 98.0% (690 acres) is considered Maintained while 2.0% (14 acres) is considered Non-Maintained.