

DNR 2010 Community Tree Survey for the City of Kinney, 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
Fraxinus (Ash)	400	36.3%	18.8%	52.2%	24.6%	4.3%	400	36.7%	88.4%
Picea (Spruce)	200	22.9%	6.9%	35.6%	55.2%	2.3%	200	22.9%	100.0%
Pinus (Pine)	100	10.5%	0.0%	27.5%	67.5%	5.0%	100	10.6%	100.0%
Acer (Maple)	<100	7.4%	0.0%	35.7%	60.7%	3.6%	<100	7.4%	53.6%
Thuja (White Cedar)	<100	5.8%	9.1%	68.2%	22.7%	0.0%	<100	5.9%	100.0%
Malus (Apple)	<100	3.4%	30.8%	69.2%	0.0%	0.0%	<100	3.2%	83.3%
Boxelder	<100	2.9%	45.5%	18.2%	9.1%	27.3%	<100	2.9%	81.8%
Abies (Fir)	<100	2.6%	0.0%	60.0%	40.0%	0.0%	<100	2.1%	87.5%
Ulmus (Elm)	<100	1.6%	0.0%	0.0%	50.0%	50.0%	<100	1.6%	66.7%
Betula (Birch)	<100	1.3%	20.0%	80.0%	0.0%	0.0%	<100	1.3%	100.0%
Populus (Poplar)	<100	1.3%	20.0%	60.0%	20.0%	0.0%	<100	1.3%	20.0%
Larix (Tamarack)	<100	1.1%	25.0%	25.0%	50.0%	0.0%	<100	1.1%	100.0%
Salix (Willow)	<100	1.1%	75.0%	0.0%	0.0%	25.0%	<100	1.1%	100.0%
Crataegus (Hawthorn)	<100	0.5%	100.0%	0.0%	0.0%	0.0%	<100	0.5%	100.0%
Quercus (Oak)	<100	0.5%	100.0%	0.0%	0.0%	0.0%	<100	0.5%	100.0%
Sorbus (Mountain Ash)	<100	0.5%	100.0%	0.0%	0.0%	0.0%	<100	0.5%	50.0%
Prunus (Plum)	<100	0.3%	100.0%	0.0%	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")	200	14.7%	94.6%	3.6%	0.0%	0.0%	1.8%
Medium (5" - 11.9")	500	43.2%	91.5%	7.9%	0.0%	0.6%	0.0%
Large (12" - 20.9")	400	37.4%	82.4%	15.5%	0.0%	0.0%	2.1%
Super (21" +)	<100	4.7%	83.3%	16.7%	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 2,638 acres. The Business & Residential area is 42 acres, of which 100.0% (42 acres) is considered Maintained while 0.0% (<1 acres) is considered Non-Maintained.