

DNR 2010 Community Tree Survey for the City of Gilbert, 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)	1,000	17.9%	12.2%	60.2%	26.5%	1.0%	1,000	18.0%	96.9%
Acer (Maple)	900	15.9%	34.5%	33.3%	20.7%	11.5%	900	16.0%	82.8%
Picea (Spruce)	800	14.3%	6.4%	39.7%	46.2%	7.7%	800	14.3%	100.0%
Ulmus (Elm)	600	10.3%	89.3%	8.9%	1.8%	0.0%	500	10.1%	98.2%
Pinus (Pine)	500	9.7%	0.0%	34.0%	49.1%	17.0%	500	9.7%	98.1%
Malus (Apple)	500	8.6%	63.8%	36.2%	0.0%	0.0%	500	8.6%	89.4%
Betula (Birch)	300	4.9%	14.8%	55.6%	29.6%	0.0%	300	5.0%	85.2%
Tilia (Basswood)	300	4.8%	3.8%	34.6%	38.5%	23.1%	300	4.8%	100.0%
Boxelder	200	4.0%	31.8%	45.5%	13.6%	9.1%	200	4.0%	86.4%
Abies (Fir)	200	3.3%	5.6%	50.0%	44.4%	0.0%	200	3.3%	83.3%
Quercus (Oak)	<100	1.3%	14.3%	57.1%	28.6%	0.0%	<100	1.3%	100.0%
Sorbus (Mountain Ash)	<100	1.3%	57.1%	42.9%	0.0%	0.0%	<100	1.3%	57.1%
Thuja (White Cedar)	<100	1.1%	0.0%	66.7%	33.3%	0.0%	<100	1.1%	100.0%
Populus (Poplar)	<100	0.7%	0.0%	50.0%	0.0%	50.0%	<100	0.7%	100.0%
Prunus (Plum)	<100	0.7%	75.0%	25.0%	0.0%	0.0%	<100	0.7%	100.0%
Salix (Willow)	<100	0.7%	75.0%	25.0%	0.0%	0.0%	<100	0.7%	100.0%
Amelanchier (Juneberry)	<100	0.2%	100.0%	0.0%	0.0%	0.0%	<100	0.2%	100.0%
Ostrya (Ironwood)	<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")	1,500	27.8%	95.4%	3.9%	0.0%	0.0%	0.7%
Medium (5" - 11.9")	2,200	39.9%	94.5%	4.6%	0.9%	0.0%	0.0%
Large (12" - 20.9")	1,400	25.6%	90.0%	10.0%	0.0%	0.0%	0.0%
Super (21" +)	400	6.6%	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 7,972 acres. The Business & Residential area is 308 acres, of which 99.3% (306 acres) is considered Maintained while 0.7% (2 acres) is considered Non-Maintained.