

DNR 2010 Community Tree Survey for the City of Virginia, 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)	9,300	36.2%	24.8%	37.6%	34.0%	3.6%	9,300	36.5%	80.8%
Picea (Spruce)	3,900	15.0%	6.8%	21.6%	65.4%	6.2%	3,800	14.9%	100.0%
Acer (Maple)	3,300	12.7%	32.1%	38.7%	13.1%	16.1%	3,200	12.7%	86.0%
Malus (Apple)	2,300	8.9%	67.7%	30.2%	2.1%	0.0%	2,300	9.0%	92.7%
Tilia (Basswood)	1,100	4.4%	31.9%	57.4%	10.6%	0.0%	1,100	4.4%	85.1%
Ulmus (Elm)	1,100	4.3%	60.9%	37.0%	2.2%	0.0%	1,100	4.3%	100.0%
Sorbus (Mountain Ash)	1,100	4.2%	84.4%	11.1%	4.4%	0.0%	1,100	4.2%	80.0%
Betula (Birch)	1,000	3.7%	7.5%	60.0%	32.5%	0.0%	900	3.5%	81.6%
Boxelder	600	2.2%	41.7%	50.0%	8.3%	0.0%	600	2.2%	91.7%
Abies (Fir)	500	2.0%	9.1%	86.4%	4.5%	0.0%	500	2.1%	100.0%
Thuja (White Cedar)	500	1.9%	9.5%	38.1%	52.4%	0.0%	500	2.0%	100.0%
Populus (Poplar)	400	1.6%	17.6%	41.2%	35.3%	5.9%	300	1.3%	64.3%
Quercus (Oak)	300	1.1%	8.3%	50.0%	41.7%	0.0%	300	1.1%	100.0%
Prunus (Plum)	200	0.7%	62.5%	37.5%	0.0%	0.0%	200	0.7%	100.0%
Celtis (Hackberry)	<100	0.2%	0.0%	100.0%	0.0%	0.0%	<100	0.2%	50.0%
Juniperus (Red Cedar)	<100	0.2%	50.0%	50.0%	0.0%	0.0%	<100	0.2%	100.0%
Larix (Tamarack)	<100	0.2%	0.0%	100.0%	0.0%	0.0%	<100	0.2%	100.0%
Salix (Willow)	<100	0.2%	50.0%	0.0%	50.0%	0.0%	<100	0.2%	50.0%
Aesculus (Buckeye)	<100	0.1%	100.0%	0.0%	0.0%	0.0%	<100	0.1%	100.0%
Amelanchier (Juneberry)	<100	0.1%	100.0%	0.0%	0.0%	0.0%	<100	0.1%	100.0%
Juglans (Black Walnut)	<100	0.1%	0.0%	100.0%	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")	7,800	30.4%	93.9%	5.5%	0.3%	0.0%	0.3%
Medium (5" - 11.9")	9,500	36.9%	90.7%	8.5%	0.0%	0.0%	0.8%
Large (12" - 20.9")	7,300	28.4%	75.5%	23.2%	0.0%	0.0%	1.3%
Super (21" +)	1,100	4.4%	80.9%	19.1%	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 12,219 acres. The Business & Residential area is 1,294 acres, of which 99.5% (1,288 acres) is considered Maintained while 0.5% (6 acres) is considered Non-Maintained.