

Population Summary of Roanoke Park Trees

11/4/2012

Species	DBH Class (in)									Total Standard Error
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42	
Broadleaf Deciduous Large (BDL)										
Northern hackberry	0	337	197	87	32	26	8	3	1	691
American elm	0	73	31	16	6	2	0	0	0	128
American basswood	0	46	36	20	7	0	1	0	0	110
Chinkapin oak	0	21	19	26	14	5	3	0	0	88
Green ash	0	41	26	3	1	0	0	0	0	71
Black walnut	0	17	19	15	9	3	1	0	0	64
Hickory	0	38	10	1	1	0	0	0	0	50
American sycamore	0	0	6	10	7	4	5	0	0	32
Northern red oak	0	7	5	2	4	8	3	2	1	32
BDL OTHER	0	27	15	7	7	9	7	3	8	83
Total	0	607	364	187	88	57	28	8	10	1,349 (±NaN)
Broadleaf Deciduous Medium (BDM)										
Tree of heaven	0	46	93	22	3	0	1	0	0	165
Red mulberry	0	21	39	15	3	0	2	0	0	80
Siberian elm	0	17	10	8	3	1	0	2	0	41
Norway maple	0	35	1	0	0	0	0	0	0	36
Honeylocust	0	9	9	3	2	3	2	0	0	28
Boxelder	0	7	10	5	0	0	0	0	0	22
BDM OTHER	0	9	8	3	2	2	0	0	0	24
Total	0	144	170	56	13	6	5	2	0	396 (±NaN)
Broadleaf Deciduous Small (BDS)										
Eastern redbud	0	94	19	1	1	0	0	0	0	115
Eastern hophornbeam	0	94	7	0	0	0	0	0	0	101
Black cherry	0	25	7	0	0	0	0	0	0	32
Mulberry	0	8	10	2	0	1	1	0	1	23
BDS OTHER	0	24	16	3	0	1	0	0	0	44
Total	0	245	59	6	1	2	1	0	1	315 (±NaN)
Broadleaf Evergreen Large (BEL)										
BEL OTHER	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0 (±NaN)
Broadleaf Evergreen Medium (BEM)										
BEM OTHER	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0 (±NaN)
Broadleaf Evergreen Small (BES)										
BES OTHER	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0 (±NaN)
Conifer Evergreen Large (CEL)										
CEL OTHER	0	1	7	14	0	1	0	0	0	23
Total	0	1	7	14	0	1	0	0	0	23 (±NaN)
Conifer Evergreen Medium (CEM)										
CEM OTHER	0	1	5	6	0	1	0	0	0	13
Total	0	1	5	6	0	1	0	0	0	13 (±NaN)
Conifer Evergreen Small (CES)										
CES OTHER	0	3	1	0	0	0	0	0	0	4
Total	0	3	1	0	0	0	0	0	0	4 (±NaN)
Grand Total	0	1,001	606	269	102	67	34	10	11	2,100 (±0)

11/4/2012

Broadleaf Evergreen Small (BES)

Complete Population of Roanoke Park Trees

11/4/2012

Species	DBH Class (in)									Total Standard Error
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42	
Total	0	0	0	0	0	0	0	0	0	0 (±NaN)
Conifer Evergreen Large (CEL)										
Scotch pine	0	1	6	11	0	1	0	0	0	19
Eastern white pine	0	0	1	3	0	0	0	0	0	4
Total	0	1	7	14	0	1	0	0	0	23 (±NaN)
Conifer Evergreen Medium (CEM)										
Austrian pine	0	1	5	6	0	1	0	0	0	13
Total	0	1	5	6	0	1	0	0	0	13 (±NaN)
Conifer Evergreen Small (CES)										
Juniper	0	3	1	0	0	0	0	0	0	4
Total	0	3	1	0	0	0	0	0	0	4 (±NaN)
Grand Total	0	1,001	606	269	102	67	34	10	11	2,100 (±0)



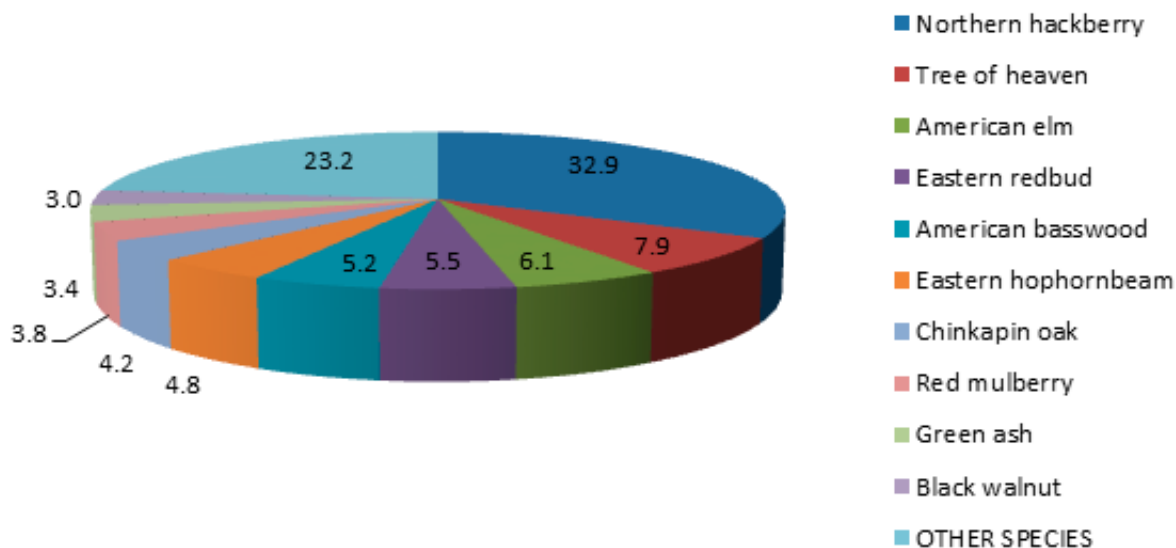
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Visit www.roanokeparkkc.org/plans/tree-inventory for more information. A portion of the funding for this project was made available through the Missouri Department of Conservation's Tree Resource Improvement and Maintenance (TRIM) program.

Species Distribution of Roanoke Park Trees (%)

11/4/2012



Species	Percent
Northern hackberry	32.9
Tree of heaven	7.9
American elm	6.1
Eastern redbud	5.5
American basswood	5.2
Eastern hophornbeam	4.8
Chinkapin oak	4.2
Red mulberry	3.8
Green ash	3.4
Black walnut	3.0
OTHER SPECIES	23.2
Total	100.0



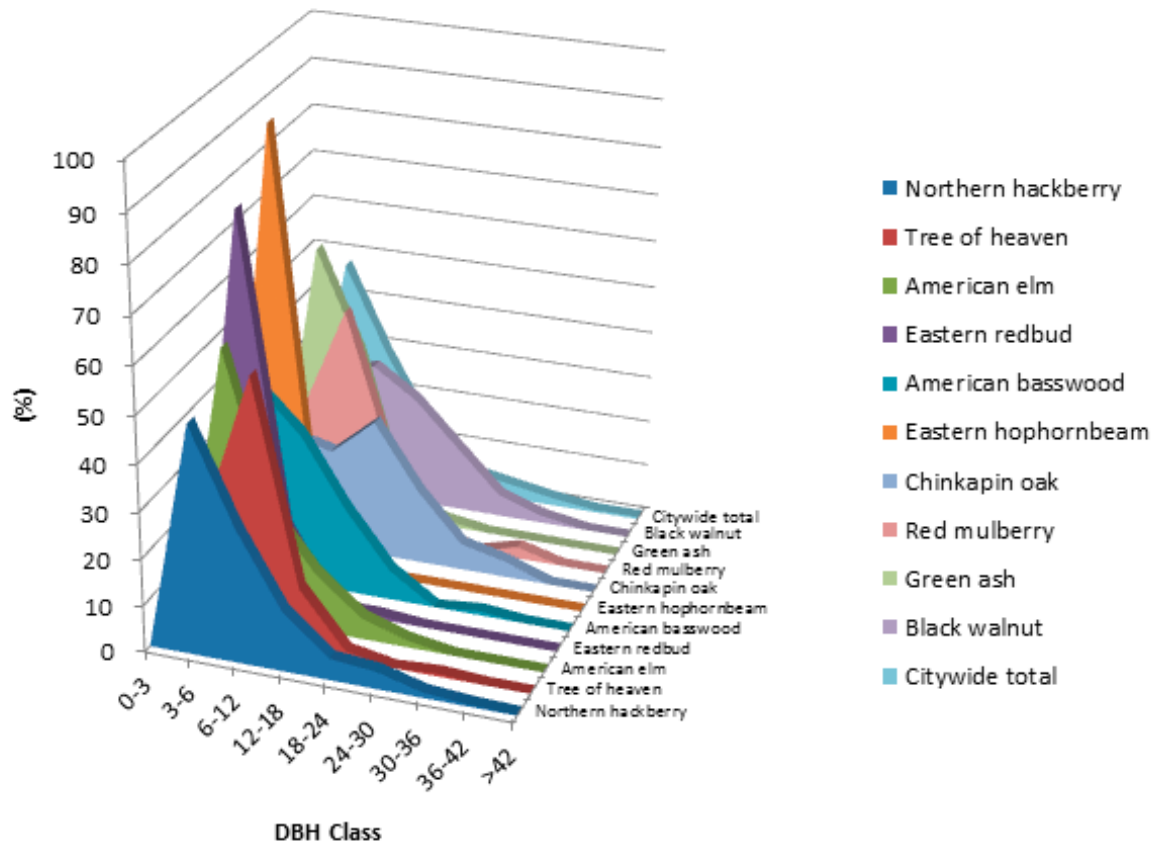
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Relative Age Distribution of Top 10 Roanoke Park Tree Species (%)

11/4/2012



Species	DBH class (in)								
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42
Northern hackberry	0.00	48.77	28.51	12.59	4.63	3.76	1.16	0.43	0.14
Tree of heaven	0.00	27.88	56.36	13.33	1.82	0.00	0.61	0.00	0.00
American elm	0.00	57.03	24.22	12.50	4.69	1.56	0.00	0.00	0.00
Eastern redbud	0.00	81.74	16.52	0.87	0.87	0.00	0.00	0.00	0.00
American basswood	0.00	41.82	32.73	18.18	6.36	0.00	0.91	0.00	0.00
Eastern hophornbeam	0.00	93.07	6.93	0.00	0.00	0.00	0.00	0.00	0.00
Chinkapin oak	0.00	23.86	21.59	29.55	15.91	5.68	3.41	0.00	0.00
Red mulberry	0.00	26.25	48.75	18.75	3.75	0.00	2.50	0.00	0.00
Green ash	0.00	57.75	36.62	4.23	1.41	0.00	0.00	0.00	0.00
Black walnut	0.00	26.56	29.69	23.44	14.06	4.69	1.56	0.00	0.00
Park-wide Total	0.00	47.67	28.86	12.81	4.86	3.19	1.62	0.48	0.52

3" diameter was the minimum size counted in the Tree Inventory. Figures in table are percentages of each size.



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Importance Values for Roanoke Park's Most Abundant Trees

11/4/2012

Species	Number of Trees	% of Total Trees	Leaf Area (ft ²)	% of Total Leaf Area	Canopy Cover (ft ²)	% of Total Canopy Cover	Importance Value
Northern hackberry	691	32.9	724,646	30.6	365,913	37.7	33.7
Tree of heaven	165	7.9	119,428	5.0	67,615	7.0	6.6
American elm	128	6.1	98,944	4.2	41,111	4.2	4.8
Eastern redbud	115	5.5	10,004	0.4	16,522	1.7	2.5
American basswood	110	5.2	87,844	3.7	40,114	4.1	4.4
Eastern hophornbeam	101	4.8	4,884	0.2	11,079	1.1	2.1
Chinkapin oak	88	4.2	193,661	8.2	63,290	6.5	6.3
Red mulberry	80	3.8	76,870	3.2	37,926	3.9	3.7
Green ash	71	3.4	38,308	1.6	18,334	1.9	2.3
Black walnut	64	3.0	116,056	4.9	39,913	4.1	4.0
Hickory	50	2.4	21,313	0.9	10,280	1.1	1.4
Siberian elm	41	2.0	62,420	2.6	23,526	2.4	2.3
Norway maple	36	1.7	4,967	0.2	5,282	0.5	0.8
American sycamore	32	1.5	130,895	5.5	36,849	3.8	3.6
Black cherry	32	1.5	2,419	0.1	4,570	0.5	0.7
Northern red oak	32	1.5	92,245	3.9	25,992	2.7	2.7
Honeylocust	28	1.3	78,920	3.3	24,117	2.5	2.4
Mulberry	23	1.1	9,218	0.4	8,191	0.8	0.8
Boxelder	22	1.0	22,869	1.0	9,293	1.0	1.0
OTHER TREES	191	9.1	474,281	20.0	121,897	12.5	13.9
Total	2,100	100.0	2,370,192	100.0	971,816	100.0	100.0

Importance Values (IV): IVs are displayed in table form for all species that make up more than 1% of the population. The Streets IV is the mean of three relative values (percentage of total trees, percentage of total leaf area, and percentage of canopy cover) and can range from 0 to 100 with an IV of 100 suggesting total reliance on one species. IVs offer valuable information about a community's reliance on certain species to provide functional benefits. For example, a species might represent 10% of a population, but have an IV of 25% because of its great size, indicating that the loss of those trees due to pests or disease would be more significant than their numbers suggest. (Source: i-Tree Streets Manual)



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Structural (Woody) Condition of Roanoke Park Trees by Species

11/4/2012

Species	Condition	Tree Count	Standard Error	% of Species	% of Park Trees
American basswood	Dead or Dying	3 (N/A)		2.73	0.14
	Poor	9 (N/A)		8.18	0.43
	Fair	87 (N/A)		79.09	4.14
	Good	11 (N/A)		10.00	0.52
	Total	110 (N/A)		100.00	5.24
American elm	Dead or Dying	3 (N/A)		2.34	0.14
	Poor	27 (N/A)		21.09	1.29
	Fair	95 (N/A)		74.22	4.52
	Good	3 (N/A)		2.34	0.14
	Total	128 (N/A)		100.00	6.10
American sycamore	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	8 (N/A)		25.00	0.38
	Good	24 (N/A)		75.00	1.14
	Total	32 (N/A)		100.00	1.52
Austrian pine	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	3 (N/A)		23.08	0.14
	Fair	8 (N/A)		61.54	0.38
	Good	2 (N/A)		15.38	0.10
	Total	13 (N/A)		100.00	0.62
Black ash	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	1 (N/A)		100.00	0.05
	Fair	0 (N/A)		0.00	0.00
	Good	0 (N/A)		0.00	0.00
	Total	1 (N/A)		100.00	0.05
Black cherry	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	15 (N/A)		46.88	0.71
	Fair	17 (N/A)		53.13	0.81
	Good	0 (N/A)		0.00	0.00
	Total	32 (N/A)		100.00	1.52
Black locust	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	2 (N/A)		28.57	0.10
	Fair	5 (N/A)		71.43	0.24
	Good	0 (N/A)		0.00	0.00
	Total	7 (N/A)		100.00	0.33
Black walnut	Dead or Dying	1 (N/A)		1.56	0.05
	Poor	16 (N/A)		25.00	0.76
	Fair	46 (N/A)		71.88	2.19
	Good	1 (N/A)		1.56	0.05
	Total	64 (N/A)		100.00	3.05
Boxelder	Dead or Dying	2 (N/A)		9.09	0.10
	Poor	10 (N/A)		45.45	0.48
	Fair	10 (N/A)		45.45	0.48
	Good	0 (N/A)		0.00	0.00
	Total	22 (N/A)		100.00	1.05
Broadleaf Deciduous Medium	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	1 (N/A)		50.00	0.05
	Fair	1 (N/A)		50.00	0.05
	Good	0 (N/A)		0.00	0.00
	Total	2 (N/A)		100.00	0.10
Broadleaf Deciduous Small	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	5 (N/A)		100.00	0.24
	Good	0 (N/A)		0.00	0.00
	Total	5 (N/A)		100.00	0.24

Structural (Woody) Condition of Roanoke Park Trees by Species

11/4/2012

Species	Condition	Tree Count	Standard Error	% of Species	% of Park Trees
Buckthorn	Dead or Dying	2 (N/A)		14.29	0.10
	Poor	6 (N/A)		42.86	0.29
	Fair	4 (N/A)		28.57	0.19
	Good	2 (N/A)		14.29	0.10
	Total	14 (N/A)		100.00	0.67
Bur oak	Dead or Dying	1 (N/A)		6.25	0.05
	Poor	2 (N/A)		12.50	0.10
	Fair	12 (N/A)		75.00	0.57
	Good	1 (N/A)		6.25	0.05
	Total	16 (N/A)		100.00	0.76
Chinkapin oak	Dead or Dying	4 (N/A)		4.55	0.19
	Poor	17 (N/A)		19.32	0.81
	Fair	66 (N/A)		75.00	3.14
	Good	1 (N/A)		1.14	0.05
	Total	88 (N/A)		100.00	4.19
Eastern cottonwood	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	5 (N/A)		31.25	0.24
	Fair	9 (N/A)		56.25	0.43
	Good	2 (N/A)		12.50	0.10
	Total	16 (N/A)		100.00	0.76
Eastern hophornbeam	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	12 (N/A)		11.88	0.57
	Fair	82 (N/A)		81.19	3.90
	Good	7 (N/A)		6.93	0.33
	Total	101 (N/A)		100.00	4.81
Eastern redbud	Dead or Dying	25 (N/A)		21.74	1.19
	Poor	56 (N/A)		48.70	2.67
	Fair	32 (N/A)		27.83	1.52
	Good	2 (N/A)		1.74	0.10
	Total	115 (N/A)		100.00	5.48
Eastern white pine	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	0 (N/A)		0.00	0.00
	Good	4 (N/A)		100.00	0.19
	Total	4 (N/A)		100.00	0.19
Green ash	Dead or Dying	6 (N/A)		8.45	0.29
	Poor	18 (N/A)		25.35	0.86
	Fair	46 (N/A)		64.79	2.19
	Good	1 (N/A)		1.41	0.05
	Total	71 (N/A)		100.00	3.38
Hawthorn	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	3 (N/A)		16.67	0.14
	Fair	8 (N/A)		44.44	0.38
	Good	7 (N/A)		38.89	0.33
	Total	18 (N/A)		100.00	0.86
Hickory	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	7 (N/A)		14.00	0.33
	Fair	38 (N/A)		76.00	1.81
	Good	5 (N/A)		10.00	0.24
	Total	50 (N/A)		100.00	2.38
Honeylocust	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	8 (N/A)		28.57	0.38
	Fair	14 (N/A)		50.00	0.67
	Good	6 (N/A)		21.43	0.29
	Total	28 (N/A)		100.00	1.33

Structural (Woody) Condition of Roanoke Park Trees by Species

11/4/2012

Species	Condition	Tree Count	Standard Error	% of Species	% of Park Trees
Honeysuckle	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	1 (N/A)		100.00	0.05
	Good	0 (N/A)		0.00	0.00
	Total	1 (N/A)		100.00	0.05
Juniper	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	4 (N/A)		100.00	0.19
	Good	0 (N/A)		0.00	0.00
	Total	4 (N/A)		100.00	0.19
Kentucky coffeetree	Dead or Dying	1 (N/A)		20.00	0.05
	Poor	0 (N/A)		0.00	0.00
	Fair	4 (N/A)		80.00	0.19
	Good	0 (N/A)		0.00	0.00
	Total	5 (N/A)		100.00	0.24
Littleleaf linden	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	2 (N/A)		100.00	0.10
	Good	0 (N/A)		0.00	0.00
	Total	2 (N/A)		100.00	0.10
Maple	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	0 (N/A)		0.00	0.00
	Good	1 (N/A)		100.00	0.05
	Total	1 (N/A)		100.00	0.05
Mulberry	Dead or Dying	1 (N/A)		4.35	0.05
	Poor	12 (N/A)		52.17	0.57
	Fair	10 (N/A)		43.48	0.48
	Good	0 (N/A)		0.00	0.00
	Total	23 (N/A)		100.00	1.10
Northern catalpa	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	2 (N/A)		40.00	0.10
	Fair	3 (N/A)		60.00	0.14
	Good	0 (N/A)		0.00	0.00
	Total	5 (N/A)		100.00	0.24
Northern hackberry	Dead or Dying	26 (N/A)		3.76	1.24
	Poor	216 (N/A)		31.26	10.29
	Fair	441 (N/A)		63.82	21.00
	Good	8 (N/A)		1.16	0.38
	Total	691 (N/A)		100.00	32.90
Northern red oak	Dead or Dying	3 (N/A)		9.38	0.14
	Poor	9 (N/A)		28.13	0.43
	Fair	16 (N/A)		50.00	0.76
	Good	4 (N/A)		12.50	0.19
	Total	32 (N/A)		100.00	1.52
Norway maple	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	2 (N/A)		5.56	0.10
	Fair	31 (N/A)		86.11	1.48
	Good	3 (N/A)		8.33	0.14
	Total	36 (N/A)		100.00	1.71
Oak	Dead or Dying	1 (N/A)		10.00	0.05
	Poor	1 (N/A)		10.00	0.05
	Fair	7 (N/A)		70.00	0.33
	Good	1 (N/A)		10.00	0.05
	Total	10 (N/A)		100.00	0.48

Structural (Woody) Condition of Roanoke Park Trees by Species

11/4/2012

Species	Condition	Tree Count	Standard Error	% of Species	% of Park Trees
Pin oak	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	1 (N/A)		25.00	0.05
	Fair	3 (N/A)		75.00	0.14
	Good	0 (N/A)		0.00	0.00
	Total	4 (N/A)		100.00	0.19
Quercus imbricaria	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	1 (N/A)		100.00	0.05
	Good	0 (N/A)		0.00	0.00
	Total	1 (N/A)		100.00	0.05
Red maple	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	2 (N/A)		100.00	0.10
	Good	0 (N/A)		0.00	0.00
	Total	2 (N/A)		100.00	0.10
Red mulberry	Dead or Dying	3 (N/A)		3.75	0.14
	Poor	27 (N/A)		33.75	1.29
	Fair	50 (N/A)		62.50	2.38
	Good	0 (N/A)		0.00	0.00
	Total	80 (N/A)		100.00	3.81
Scotch pine	Dead or Dying	2 (N/A)		10.53	0.10
	Poor	8 (N/A)		42.11	0.38
	Fair	9 (N/A)		47.37	0.43
	Good	0 (N/A)		0.00	0.00
	Total	19 (N/A)		100.00	0.90
Shagbark hickory	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	4 (N/A)		40.00	0.19
	Good	6 (N/A)		60.00	0.29
	Total	10 (N/A)		100.00	0.48
Siberian elm	Dead or Dying	1 (N/A)		2.44	0.05
	Poor	13 (N/A)		31.71	0.62
	Fair	26 (N/A)		63.41	1.24
	Good	1 (N/A)		2.44	0.05
	Total	41 (N/A)		100.00	1.95
Silver maple	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	1 (N/A)		100.00	0.05
	Good	0 (N/A)		0.00	0.00
	Total	1 (N/A)		100.00	0.05
Sugar maple	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	1 (N/A)		50.00	0.05
	Good	1 (N/A)		50.00	0.05
	Total	2 (N/A)		100.00	0.10
Swamp white oak	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	0 (N/A)		0.00	0.00
	Fair	1 (N/A)		50.00	0.05
	Good	1 (N/A)		50.00	0.05
	Total	2 (N/A)		100.00	0.10
Tree of heaven	Dead or Dying	8 (N/A)		4.85	0.38
	Poor	25 (N/A)		15.15	1.19
	Fair	129 (N/A)		78.18	6.14
	Good	3 (N/A)		1.82	0.14
	Total	165 (N/A)		100.00	7.86

Structural (Woody) Condition of Roanoke Park Trees by Species

11/4/2012

Species	Condition	Tree Count	Standard Error	% of Species	% of Park Trees
White ash	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	4 (N/A)		44.44	0.19
	Fair	5 (N/A)		55.56	0.24
	Good	0 (N/A)		0.00	0.00
	Total	9 (N/A)		100.00	0.43
White mulberry	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	2 (N/A)		28.57	0.10
	Fair	5 (N/A)		71.43	0.24
	Good	0 (N/A)		0.00	0.00
	Total	7 (N/A)		100.00	0.33
White oak	Dead or Dying	0 (N/A)		0.00	0.00
	Poor	4 (N/A)		40.00	0.19
	Fair	6 (N/A)		60.00	0.29
	Good	0 (N/A)		0.00	0.00
	Total	10 (N/A)		100.00	0.48



ROANOKE PARK CONSERVANCY

Honoring the Past, Planting the Future

Visit www.roanokeparkkc.org/plans/tree-inventory for more information. A portion of the funding for this project was made available through the Missouri Department of Conservation's Tree Resource Improvement and Maintenance (TRIM) program.

Relative Performance of Roanoke Park Trees

11/4/2012

Species	Dead or Dying	Poor	Fair	Good	RPI	# of Trees (Error)	% of Park Trees
Northern hackberry	3.76	31.26	63.82	1.16	0.96	691 (N/A)	32.90
Tree of heaven	4.85	15.15	78.18	1.82	1.03	165 (N/A)	7.86
American elm	2.34	21.09	74.22	2.34	1.03	128 (N/A)	6.10
Eastern redbud	21.74	48.70	27.83	1.74	0.71	115 (N/A)	5.48
American basswood	2.73	8.18	79.09	10.00	1.12	110 (N/A)	5.24
Eastern hophornbeam	0.00	11.88	81.19	6.93	1.12	101 (N/A)	4.81
Chinkapin oak	4.55	19.32	75.00	1.14	1.01	88 (N/A)	4.19
Red mulberry	3.75	33.75	62.50	0.00	0.94	80 (N/A)	3.81
Green ash	8.45	25.35	64.79	1.41	0.95	71 (N/A)	3.38
Black walnut	1.56	25.00	71.88	1.56	1.01	64 (N/A)	3.05
Hickory	0.00	14.00	76.00	10.00	1.12	50 (N/A)	2.38
Siberian elm	2.44	31.71	63.41	2.44	0.98	41 (N/A)	1.95
Norway maple	0.00	5.56	86.11	8.33	1.15	36 (N/A)	1.71
American sycamore	0.00	0.00	25.00	75.00	1.50	32 (N/A)	1.52
Northern red oak	9.38	28.13	50.00	12.50	0.98	32 (N/A)	1.52
Black cherry	0.00	46.88	53.13	0.00	0.92	32 (N/A)	1.52
Honeylocust	0.00	28.57	50.00	21.43	1.11	28 (N/A)	1.33
Mulberry	4.35	52.17	43.48	0.00	0.85	23 (N/A)	1.10
Boxelder	9.09	45.45	45.45	0.00	0.84	22 (N/A)	1.05
Scotch pine	10.53	42.11	47.37	0.00	0.84	19 (N/A)	0.90
Hawthorn	0.00	16.67	44.44	38.89	1.25	18 (N/A)	0.86
Bur oak	6.25	12.50	75.00	6.25	1.05	16 (N/A)	0.76
Eastern cottonwood	0.00	31.25	56.25	12.50	1.05	16 (N/A)	0.76
Buckthorn	14.29	42.86	28.57	14.29	0.87	14 (N/A)	0.67
Austrian pine	0.00	23.08	61.54	15.38	1.10	13 (N/A)	0.62
Oak	10.00	10.00	70.00	10.00	1.05	10 (N/A)	0.48
White oak	0.00	40.00	60.00	0.00	0.95	10 (N/A)	0.48
Shagbark hickory	0.00	0.00	40.00	60.00	1.43	10 (N/A)	0.48
White ash	0.00	44.44	55.56	0.00	0.93	9 (N/A)	0.43
Black locust	0.00	28.57	71.43	0.00	1.00	7 (N/A)	0.33
White mulberry	0.00	28.57	71.43	0.00	1.00	7 (N/A)	0.33
Broadleaf Deciduous Small	0.00	0.00	100.00	0.00	1.14	5 (N/A)	0.24
Kentucky coffeetree	20.00	0.00	80.00	0.00	0.95	5 (N/A)	0.24
Northern catalpa	0.00	40.00	60.00	0.00	0.95	5 (N/A)	0.24
Eastern white pine	0.00	0.00	0.00	100.00	1.62	4 (N/A)	0.19
Pin oak	0.00	25.00	75.00	0.00	1.02	4 (N/A)	0.19
Juniper	0.00	0.00	100.00	0.00	1.14	4 (N/A)	0.19
Swamp white oak	0.00	0.00	50.00	50.00	1.38	2 (N/A)	0.10
Sugar maple	0.00	0.00	50.00	50.00	1.38	2 (N/A)	0.10
Littleleaf linden	0.00	0.00	100.00	0.00	1.14	2 (N/A)	0.10
Red maple	0.00	0.00	100.00	0.00	1.14	2 (N/A)	0.10
Broadleaf Deciduous Medium	0.00	50.00	50.00	0.00	0.90	2 (N/A)	0.10
Maple	0.00	0.00	0.00	100.00	1.62	1 (N/A)	0.05
Black ash	0.00	100.00	0.00	0.00	0.67	1 (N/A)	0.05
Silver maple	0.00	0.00	100.00	0.00	1.14	1 (N/A)	0.05
Honeysuckle	0.00	0.00	100.00	0.00	1.14	1 (N/A)	0.05
Quercus imbricaria	0.00	0.00	100.00	0.00	1.14	1 (N/A)	0.05
Park-wide	4.43	25.90	64.52	5.14	1.00	2,100 (N/A)	100.00

The Relative Performance Index represents the Condition of the trees in each species Relative to the average for the whole park.

RPI numbers over 1 represent tree species in better condition than the average. Under 1 are tree species in worse condition than the average.