

Appendix F

Replacement Value for Public Trees by Species

3/26/2013

Species	DBH Class (in)											Total Standard Error	% of Total
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42				
Silver maple	1,729	3,872	5,169	28,397	69,924	114,484	130,433	171,581	63,833	589,422 (±0)	32.92		
Northern hackberry	1,791	282	4,783	55,201	109,298	111,242	33,617	15,393	0	331,608 (±0)	18.52		
Ash species	681	831	11,276	45,290	29,924	23,943	0	4,433	0	118,378 (±0)	6.61		
Crabapple species	3,191	6,488	12,433	16,858	5,293	2,761	0	0	0	47,024 (±0)	2.63		
American basswood	989	3,573	8,969	10,380	18,057	26,792	3,735	10,262	0	82,756 (±0)	4.62		
Norway maple	454	3,691	8,939	17,370	6,009	0	0	0	0	36,464 (±0)	2.04		
Spruce species	0	284	1,505	19,123	18,767	8,478	0	3,367	3,897	55,421 (±0)	3.10		
Littleleaf linden	224	564	16,742	8,728	1,642	16,504	0	0	0	44,404 (±0)	2.48		
Siberian elm	0	0	556	0	13,134	20,959	19,841	9,783	4,380	68,652 (±0)	3.83		
Honeylocust	0	394	1,569	8,720	10,135	8,800	0	0	0	29,618 (±0)	1.65		
Maple species	3,443	4,107	1,521	0	0	0	0	0	0	9,070 (±0)	0.51		
Northern red oak	839	4,437	9,195	1,017	0	0	0	0	0	15,487 (±0)	0.86		
American elm	616	1,465	405	0	5,277	30,415	2,964	17,937	0	59,080 (±0)	3.30		
Bar oak	1,062	4,557	5,477	1,177	2,085	3,295	0	0	0	17,652 (±0)	0.99		
Kentucky coffeetree	2,985	1,528	5,286	0	2,085	3,295	0	0	0	15,179 (±0)	0.85		
Northern catalpa	822	356	811	4,305	5,277	8,202	2,964	4,061	0	26,798 (±0)	1.50		
Juniper species	0	0	618	2,959	9,732	4,741	2,287	3,134	0	23,471 (±0)	1.31		
Chinkapin oak	3,686	706	1,504	0	0	0	0	0	0	5,896 (±0)	0.33		
Swamp white oak	716	1,727	6,040	5,433	0	0	0	0	0	13,917 (±0)	0.78		
Austrian pine	0	197	619	1,486	5,844	9,035	0	0	0	17,180 (±0)	0.96		
Sugar maple	736	487	5,094	1,440	0	0	0	5,503	0	13,261 (±0)	0.74		
Eastern cottonwood	0	0	0	0	3,958	0	0	8,122	46,994	59,074 (±0)	3.30		
Pear species	1,084	2,154	2,288	0	0	0	0	0	0	5,526 (±0)	0.31		
Oak species	327	1,682	1,733	1,037	0	0	0	0	0	4,778 (±0)	0.27		
Red maple	802	964	3,747	0	0	0	0	0	0	5,513 (±0)	0.31		
Ponderosa pine	230	284	0	1,528	3,264	13,283	0	0	0	18,588 (±0)	1.04		
Walnut species	541	400	0	3,774	3,967	0	3,735	0	0	12,417 (±0)	0.69		
Scotch pine	0	0	1,547	3,020	0	0	0	0	0	4,567 (±0)	0.26		
Prunus species	505	837	1,465	0	0	0	0	0	0	2,808 (±0)	0.16		
English oak	0	249	948	4,391	0	0	0	0	0	5,588 (±0)	0.31		
Elm species	207	955	850	732	0	0	0	0	0	2,743 (±0)	0.15		
Baldypress	0	567	1,724	0	1,088	0	0	0	0	3,379 (±0)	0.19		
Dogwood species	470	0	518	0	0	0	0	0	0	988 (±0)	0.06		
Mulberry	245	308	518	0	1,764	0	0	0	6,373	9,209 (±0)	0.51		
White oak	0	888	1,107	0	1,978	0	0	0	0	3,973 (±0)	0.22		
Fir species	0	0	0	2,529	0	0	0	0	0	2,529 (±0)	0.14		

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	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42			
Boxelder	0	0	0	1,542	1,319	2,050	0	0	0	0	4,912 (±0)	0.27
Eastern redbud	234	588	250	0	0	0	0	0	0	0	1,092 (±0)	0.06
American sycamore	207	0	948	1,037	0	0	0	0	0	0	2,192 (±0)	0.12
Pin oak	0	0	1,000	1,525	0	0	0	0	0	0	2,525 (±0)	0.14
Willow species	227	277	445	844	0	0	0	0	0	0	1,793 (±0)	0.10
Mountain ash	0	308	734	1,610	0	0	0	0	0	0	2,651 (±0)	0.15
Ohio buckeye	244	621	0	0	0	0	0	0	0	0	865 (±0)	0.05
Poplar species	0	247	0	1,385	0	0	0	0	0	0	1,632 (±0)	0.09
Quaking aspen	0	597	379	0	0	0	0	0	0	0	976 (±0)	0.05
Japanese tree lilac	0	0	1,072	1,070	0	0	0	0	0	0	2,142 (±0)	0.12
Broadleaf Deciduous Sm	245	308	0	0	0	0	0	0	0	0	553 (±0)	0.03
Hawthorn species	0	0	604	0	0	0	0	0	0	0	604 (±0)	0.03
Ginkgo	242	444	0	0	0	0	0	0	0	0	686 (±0)	0.04
Sweetgum	586	0	0	0	0	0	0	0	0	0	586 (±0)	0.03
Southern magnolia	322	0	0	844	0	0	0	0	0	0	1,165 (±0)	0.07
Birch species	0	0	0	771	0	0	0	0	0	0	771 (±0)	0.04
Chestnut species	0	145	0	0	0	0	0	0	0	0	145 (±0)	0.01
Eastern hoplombcam	0	0	518	0	0	0	0	0	0	0	518 (±0)	0.03
Shingle oak	0	249	0	0	0	0	0	0	0	0	249 (±0)	0.01
Chestnut oak	0	0	0	732	0	0	0	0	0	0	732 (±0)	0.04
Black oak	293	0	0	0	0	0	0	0	0	0	293 (±0)	0.02
Black locust	0	0	0	981	0	0	0	0	0	0	981 (±0)	0.05
Citywide total	30,995	52,616	130,907	257,234	329,819	410,280	199,577	233,577	125,477	1,790,482 (±0)	100.00	