

Total Annual Benefits of Public Trees by Species (\$)

11/25/201

Species	Energy	CO ₂	Air Quality	Stormwater	Aesthetic/Other	Total (\$)	Standard Error	% of Total \$
Northern hackberry	5,814	477	872	4,002	4,811	15,977	(N/A)	16.3
American elm	3,901	401	629	3,307	3,756	11,994	(N/A)	12.2
Mulberry	3,245	319	518	1,560	1,153	6,795	(N/A)	6.9
Black walnut	3,501	479	565	3,518	4,019	12,081	(N/A)	12.3
Tree of heaven	1,701	206	263	1,264	1,654	5,089	(N/A)	5.2
Siberian elm	1,742	204	277	1,599	1,537	5,360	(N/A)	5.5
Silver maple	1,898	304	302	2,308	2,771	7,583	(N/A)	7.7
Black cherry	927	90	138	403	331	1,890	(N/A)	1.9
Pin oak	1,766	400	226	2,628	3,153	8,172	(N/A)	8.3
White ash	740	105	123	832	1,156	2,955	(N/A)	3.0
Boxelder	482	68	75	520	615	1,760	(N/A)	1.8
American sycamore	482	65	81	565	528	1,721	(N/A)	1.8
Catalpa	480	63	82	644	508	1,778	(N/A)	1.8
Black locust	294	36	44	198	313	886	(N/A)	0.9
Eastern cottonwood	798	85	165	1,423	462	2,932	(N/A)	3.0
Eastern white pine	269	27	13	691	373	1,374	(N/A)	1.4
Quercus shumardii	164	18	23	109	128	442	(N/A)	0.5
Sugar maple	336	44	53	460	367	1,260	(N/A)	1.3
Honeylocust	281	33	44	195	434	987	(N/A)	1.0
Hickory	130	18	21	154	167	489	(N/A)	0.5
Green ash	94	13	14	75	144	339	(N/A)	0.3
Apple	133	14	22	61	53	283	(N/A)	0.3
Shingle oak	230	37	30	389	261	948	(N/A)	1.0
Spruce	92	9	9	180	127	417	(N/A)	0.4
Kentucky coffeetree	144	19	25	198	152	538	(N/A)	0.5
Eastern red cedar	48	3	3	80	56	191	(N/A)	0.2
Chinkapin oak	176	52	22	348	411	1,009	(N/A)	1.0
Ginkgo	99	5	19	101	0	223	(N/A)	0.2
Broadleaf Deciduous Sn	92	4	17	64	0	177	(N/A)	0.2
Swamp white oak	18	2	2	9	26	57	(N/A)	0.1
Sweetgum	162	21	32	303	124	641	(N/A)	0.7
Norway maple	49	6	7	32	52	146	(N/A)	0.1
Bur oak	6	1	1	5	15	27	(N/A)	0.0
Elm	44	6	7	40	46	143	(N/A)	0.1
Northern red oak	55	5	8	82	24	174	(N/A)	0.2
Osage orange	47	6	8	38	39	138	(N/A)	0.1
White mulberry	38	4	7	18	15	82	(N/A)	0.1
Tulip tree	91	11	19	196	58	375	(N/A)	0.4
Austrian pine	30	3	3	63	20	118	(N/A)	0.1
Saucer magnolia	74	7	11	128	38	259	(N/A)	0.3
Eastern redbud	18	2	3	7	6	36	(N/A)	0.0
Norway spruce	24	2	3	42	32	103	(N/A)	0.1
Citywide Total	30,713	3,679	4,782	28,839	29,939	97,951	(N/A)	100.0