

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

2/5/2010

Species	Energy	CO ₂	Air Quality	Stormwater	Aesthetic/Other	Total (\$)	Standard Error	% of Total \$
Maple	7,499	907	2,398	20,661	153,392	184,857	(±48,124)	15.3
Ash	6,817	1,432	2,466	17,510	135,752	163,978	(±56,571)	13.6
Elm	976	305	440	3,941	145,838	151,501	(±70,073)	12.6
Honeylocust	1,694	458	893	6,215	49,505	58,766	(±21,446)	4.9
Northern hackberry	1,085	285	413	3,750	122,482	128,014	(±48,569)	10.6
London planetree	285	106	116	820	27,371	28,698	(±10,907)	2.4
Callery pear 'Bradford'	2,401	369	909	6,513	19,812	30,004	(±15,179)	2.5
Utah serviceberry	446	54	186	1,151	30,382	32,219	(±16,161)	2.7
Japanese zelkova	241	90	98	694	23,788	24,912	(±9,503)	2.1
Amur maple	312	45	91	639	28,788	29,875	(±19,512)	2.5
American hornbeam	102	25	36	276	11,752	12,191	(±5,848)	1.0
Pin oak	4,710	1,121	1,529	12,462	55,223	75,046	(±72,606)	6.2
Ginkgo	65	29	24	186	11,147	11,451	(±7,713)	0.9
Japanese tree lilac	149	12	48	207	15,374	15,791	(±9,414)	1.3
Black tupelo	51	13	18	134	6,686	6,901	(±4,595)	0.6
Northern red oak	448	110	148	1,153	22,635	24,495	(±13,494)	2.0
Sweetgum	45	20	16	128	7,664	7,873	(±7,617)	0.7
Plum/Cherry	197	28	91	627	10,913	11,856	(±5,129)	1.0
Eastern hophornbeam	41	10	15	110	5,129	5,305	(±3,463)	0.4
Crabapple	707	112	240	1,461	7,564	10,084	(±4,110)	0.8
Baldcypress	2,726	407	926	7,474	15,061	26,594	(±19,653)	2.2
Austrian pine	254	86	228	2,712	11,012	14,291	(±12,216)	1.2
Sugar maple	1,028	131	316	3,238	13,067	17,781	(±12,269)	1.5
OTHER STREET TREE	5,785	932	2,003	18,998	106,574	134,292	(±385,744)	11.1
Citywide Total	38,066	7,089	13,647	111,060	1,036,912	1,206,773	(±174,289)	100.0