

STRATUM Report

2008

STRATUM (Street Tree Management Tool for Urban forest Managers) is a tool created by the USDA Forest Service to quantify benefits and costs, associated with public street trees, and to quantify the dollar value of annual environmental and aesthetic benefits.

This report displays analysis results of the sample street tree inventory that was conducted in 2008 by Arbor Pro, Inc. Please reference the “i-Tree User’s Manual” for specific information about the model and reports. To download this manual and to find out more information about the STRATUM model, please visit [i-Tree Tools](#).

Data used in this report consists of a 6,465 street tree sample conducted by Arbor Pro, Inc. in 2008

Austin

Annual Energy Benefits of Public Trees by Species

9/12/2008

Species	Total Electricity (MWh)	Electricity (\$)	Total Natural Gas (Therms)	Natural Gas (\$)	Total (\$)	Standard Error	% of Total Trees	% of Total \$	Avg. \$/tree
Crape Myrtle	395.8	35,821	21,684.6	24,167	59,988	(±3,601)	20.0	4.6	1.93
Live oak	2,714.9	245,701	93,171.9	103,837	349,539	(±29,216)	15.7	26.5	14.27
Elm, Cedar	1,081.5	97,876	43,654.2	48,651	146,528	(±16,450)	9.0	11.1	10.46
Sugarberry	688.3	62,295	23,712.9	26,427	88,722	(±9,754)	8.5	6.7	6.67
Pecan	1,000.7	90,559	33,303.8	37,116	127,675	(±16,979)	4.4	9.7	18.65
Ash, Arizona	958.2	86,721	33,434.8	37,262	123,983	(±20,060)	4.1	9.4	19.63
Chinaberry	248.0	22,447	9,812.8	10,936	33,383	(±5,171)	2.3	2.5	9.36
Mountain Laurel, Texas	34.3	3,101	1,555.6	1,734	4,834	(±646)	1.8	0.4	1.74
Holly, Yaupon	31.9	2,891	1,558.1	1,736	4,628	(±816)	1.6	0.4	1.81
Arborvitae, Oriental	58.1	5,260	1,679.6	1,872	7,132	(±1,360)	1.6	0.5	2.87
American elm	350.1	31,682	11,942.4	13,309	44,991	(±11,148)	1.5	3.4	19.44
Redbud, Texas	40.2	3,640	2,235.6	2,491	6,131	(±1,244)	1.4	0.5	2.76
American sycamore	323.7	29,294	11,285.8	12,578	41,872	(±11,146)	1.3	3.2	20.93
Eastern red cedar	93.8	8,492	2,359.0	2,629	11,121	(±4,492)	1.2	0.8	5.77
Mesquite	178.7	16,173	6,676.3	7,440	23,614	(±6,320)	1.2	1.8	12.40
Tallowtree	107.3	9,712	4,711.6	5,251	14,963	(±2,495)	1.1	1.1	8.74
Chinkapin oak	59.1	5,346	2,641.9	2,944	8,290	(±1,464)	1.1	0.6	4.91
Shumard oak	70.6	6,385	2,897.1	3,229	9,614	(±1,486)	1.1	0.7	5.78
Callery pear	67.3	6,090	2,759.5	3,075	9,166	(±2,749)	1.1	0.7	5.51
Other street trees	1,506.9	136,374	59,325.6	66,117	202,491	(±12,771)	20.1	15.4	6.48
Citywide total	10,009.5	905,861	370,403.1	412,803	1,318,664	(±60,292)	100.0	100.0	8.47

Austin

Annual CO₂ Benefits of Public Trees by Species

9/12/2008

Species	Sequestered (lb)	Sequestered (\$)	Decomposition Release (lb)	Maintenance Release (lb)	Total Released (\$)	Avoided (lb)	Avoided (\$)	Net Total (lb)	Total Standard (\$ Error)	% of Total Trees	% of Total \$	Avg. \$/tree
Crape Myrtle	708,439	5,313	-12,275	-3,447	-118	334,525	2,509	1,027,242	7,704 (±462)	20.0	2.5	0.25
Live oak	11,166,075	83,746	-541,576	-2,715	-4,082	2,294,571	17,209	12,916,356	96,873 (±8,097)	15.7	31.4	3.96
Elm, Cedar	3,287,148	24,654	-98,403	-1,552	-750	914,054	6,855	4,101,246	30,759 (±3,453)	9.0	10.0	2.20
Sugarberry	2,355,799	17,668	-73,693	-1,475	-564	581,765	4,363	2,862,396	21,468 (±2,360)	8.5	7.0	1.61
Pecan	2,476,804	18,576	-171,185	-759	-1,290	845,717	6,343	3,150,577	23,629 (±3,142)	4.4	7.7	3.45
Ash, Arizona	2,531,254	18,984	-135,918	-700	-1,025	809,875	6,074	3,204,511	24,034 (±3,889)	4.1	7.8	3.81
Chinaberry	1,360,030	10,200	-25,121	-395	-191	209,629	1,572	1,544,142	11,581 (±1,794)	2.3	3.8	3.25
Mountain Laurel, Texas	104,302	782	-3,839	-307	-31	28,958	217	129,114	968 (±129)	1.8	0.3	0.35
Holly, Yaupon	101,492	761	-3,297	-283	-27	27,001	203	124,912	937 (±165)	1.6	0.3	0.37
Arborvitae, Oriental	167,247	1,254	-4,918	-275	-39	49,125	368	211,179	1,584 (±302)	1.6	0.5	0.64
American elm	919,066	6,893	-53,345	-257	-402	295,874	2,219	1,161,338	8,710 (±2,158)	1.5	2.8	3.76
Redbud, Texas	147,420	1,106	-4,850	-246	-38	33,990	255	176,315	1,322 (±268)	1.4	0.4	0.60
American sycamore	862,813	6,471	-43,220	-222	-326	273,573	2,052	1,092,944	8,197 (±2,182)	1.3	2.7	4.10
Eastern red cedar	260,734	1,956	-10,324	-214	-79	79,304	595	329,500	2,471 (±998)	1.2	0.8	1.28
Mesquite	1,085,843	8,144	-23,590	-211	-179	151,038	1,133	1,213,079	9,098 (±2,435)	1.2	3.0	4.78
Tallowtree	397,614	2,982	-31,235	-190	-236	90,699	680	456,889	3,427 (±571)	1.1	1.1	2.00
Chinkapin oak	216,421	1,623	-4,097	-187	-32	49,924	374	262,061	1,965 (±347)	1.1	0.6	1.16
Shumard oak	217,067	1,628	-7,235	-184	-56	59,630	447	269,277	2,020 (±312)	1.1	0.7	1.21
Callery pear	250,080	1,876	-7,000	-184	-54	56,878	427	299,773	2,248 (±674)	1.1	0.7	1.35
Other street trees	5,544,492	41,584	-183,568	-3,463	-1,403	1,273,576	9,552	6,631,037	49,733 (±3,137)	20.1	16.1	1.59
Citywide total	34,160,140	256,201	-1,438,689	-17,266	-10,920	8,459,703	63,448	41,163,888	308,729 (±14,116)	100.0	100.0	1.98

Stored CO2 Benefits of Public Trees by Species

9/12/2008

Species	Total Stored CO2 (lbs)	Total (\$)	Standard Error	% of Total Trees	% of Total \$	Avg. \$/tree
Crape Myrtle	3,580,194	26,851	(±1,612)	20.0	0.9	0.86
Live oak	157,959,504	1,184,696	(±99,024)	15.7	37.6	48.37
Elm, Cedar	28,700,936	215,257	(±24,166)	9.0	6.8	15.37
Sugarberry	21,493,678	161,203	(±17,722)	8.5	5.1	12.12
Pecan	49,928,940	374,467	(±49,800)	4.4	11.9	54.70
Ash, Arizona	39,642,724	297,320	(±48,106)	4.1	9.5	47.08
Chinaberry	7,327,030	54,953	(±8,512)	2.3	1.8	15.40
Mountain Laurel, Tex	1,119,612	8,397	(±1,122)	1.8	0.3	3.03
Holly, Yaupon	961,705	7,213	(±1,272)	1.6	0.2	2.82
Arborvitae, Oriental	1,434,503	10,759	(±2,052)	1.6	0.3	4.33
American elm	15,558,984	116,692	(±28,914)	1.5	3.7	50.43
Redbud, Texas	1,414,598	10,609	(±2,152)	1.4	0.3	4.78
American sycamore	12,605,725	94,543	(±25,167)	1.3	3.0	47.26
Eastern red cedar	3,011,091	22,583	(±9,123)	1.2	0.7	11.71
Mesquite	6,880,383	51,603	(±13,811)	1.2	1.6	27.10
Tallowtree	9,110,208	68,327	(±11,395)	1.1	2.2	39.92
Chinkapin oak	1,194,985	8,962	(±1,583)	1.1	0.3	5.31
Shumard oak	2,110,268	15,827	(±2,447)	1.1	0.5	9.52
Callery pear	2,041,744	15,313	(±4,593)	1.1	0.5	9.21
Other street trees	24,285,722	401,556	(±25,326)	20.1	12.8	12.85
Citywide total	419,617,504	3,147,133	(±143,892)	100.0	100.0	20.20

Annual Air Quality Benefits of Public Trees by Species

9/12/2008

Species	Deposition (lb)				Total Depos. (\$)	Avoided (lb)				Total Avoided (\$)	BVOC Emissions (lb)	BVOC Emissions (\$)	Total (lb)	Total (\$) Standard Error	% of Total Trees	Avg. \$/tree
	O ₃	NO ₂	PM ₁₀	SO ₂		NO ₂	PM ₁₀	VOC	SO ₂							
Crape Myrtle	725.0	258.1	673.4	115.6	8,344	881.8	166.5	162.5	1,807.0	10,768	0.0	0	4,789.9	19,111 (±1,147)	20.0	0.61
Live oak	4,269.1	2,009.6	4,908.5	985.6	55,289	5,575.8	1,106.4	1,088.3	12,370.4	70,459	-39,839.5	-249,395	-7,525.9	-123,647 (±10,335)	15.7	-5.05
Elm, Cedar	1,406.3	603.3	1,453.9	287.4	17,349	2,287.3	447.0	438.6	4,952.9	28,597	-1,505.4	-9,424	10,371.2	36,523 (±4,100)	9.0	2.61
Sugarberry	2,835.1	960.7	2,065.0	565.4	31,118	1,414.8	281.5	277.0	3,152.3	17,912	-2,333.3	-14,607	9,218.5	34,423 (±3,784)	8.5	2.59
Pecan	1,322.8	567.4	1,367.5	270.3	16,318	2,046.3	406.9	400.4	4,555.0	25,896	-2,277.3	-14,256	8,659.2	27,958 (±3,718)	4.4	4.08
Ash, Arizona	1,254.8	538.3	1,297.3	256.4	15,480	1,975.9	391.3	384.8	4,371.0	24,936	-1,931.7	-12,092	8,538.1	28,324 (±4,583)	4.1	4.48
Chinaberry	418.8	149.1	389.0	66.8	4,820	520.8	102.1	100.3	1,134.0	6,527	-23.1	-145	2,857.8	11,203 (±1,735)	2.3	3.14
Mountain Laurel, Texas	160.8	54.5	117.2	32.1	1,765	73.1	14.2	13.9	156.1	909	0.0	0	621.8	2,674 (±357)	1.8	0.96
Holly, Yaupon	153.2	51.9	111.6	30.6	1,681	69.1	13.3	13.0	145.5	853	0.0	0	588.1	2,535 (±447)	1.6	0.99
Arborvitae, Oriental	258.0	87.4	187.9	51.4	2,831	115.7	23.5	23.2	266.3	1,486	-84.3	-528	929.1	3,790 (±723)	1.6	1.53
American elm	460.1	197.4	475.7	94.0	5,676	719.1	142.7	140.4	1,595.5	9,087	-744.6	-4,661	3,080.2	10,102 (±2,503)	1.5	4.37
Redbud, Texas	93.6	30.5	79.5	14.8	1,040	90.0	17.0	16.6	183.9	1,098	0.0	0	525.8	2,138 (±434)	1.4	0.96
American sycamore	421.4	180.7	435.6	86.1	5,198	668.0	132.3	130.1	1,478.1	8,431	-635.7	-3,980	2,896.6	9,650 (±2,569)	1.3	4.82
Eastern red cedar	395.4	134.0	288.0	78.9	4,340	183.9	37.7	37.3	429.4	2,378	-128.3	-803	1,456.2	5,915 (±2,389)	1.2	3.07
Mesquite	300.7	107.0	279.2	47.9	3,460	371.9	73.3	72.1	816.9	4,679	-20.2	-126	2,048.9	8,013 (±2,144)	1.2	4.21
Tallowtree	232.3	75.8	197.3	36.8	2,581	229.3	44.4	43.5	490.0	2,850	0.0	0	1,349.3	5,432 (±906)	1.1	3.17
Chinkapin oak	102.5	36.5	95.2	16.3	1,179	126.5	24.5	24.0	269.8	1,571	-4.2	-26	691.0	2,724 (±481)	1.1	1.61
Shumard oak	93.3	40.0	96.5	19.1	1,152	149.4	29.1	28.6	322.5	1,865	-104.4	-653	674.2	2,364 (±365)	1.1	1.42
Callery pear	140.5	59.1	143.4	30.8	1,725	142.3	27.8	27.3	308.5	1,780	0.0	0	879.8	3,505 (±1,051)	1.1	2.11
Other street trees	2,982.2	1,102.8	2,652.8	554.8	34,455	3,161.0	620.0	608.7	6,885.0	39,622	-3,025.5	-18,940	15,541.6	55,137 (±3,477)	20.1	1.76
Citywide total	18,025.8	7,244.0	17,314.4	3,640.9	215,802	20,802.0	4,101.4	4,030.4	45,690.0	261,705	-52,657.5	-329,636	68,191.4	147,872 (±6,761)	100.0	0.95

Annual Stormwater Benefits of Public Trees by Species

9/12/2008

Species	Total rainfall interception (Gal)	Total (\$)	Standard Error	% of Total Trees	% of Total \$	Avg. \$/tree
Crape Myrtle	6,183,499	61,221	(±3,675)	20.0	2.1	1.97
Live oak	103,046,876	1,020,235	(±85,277)	15.7	34.6	41.66
Elm, Cedar	26,038,540	257,800	(±28,942)	9.0	8.7	18.41
Sugarberry	18,661,941	184,766	(±20,313)	8.5	6.3	13.89
Pecan	32,399,477	320,777	(±42,660)	4.4	10.9	46.86
Ash, Arizona	28,719,092	284,339	(±46,006)	4.1	9.6	45.02
Chinaberry	6,133,972	60,731	(±9,407)	2.3	2.1	17.02
Mountain Laurel, Texas	609,216	6,032	(±806)	1.8	0.2	2.18
Holly, Yaupon	532,356	5,271	(±929)	1.6	0.2	2.06
Arborvitae, Oriental	1,354,851	13,414	(±2,558)	1.6	0.5	5.40
American elm	10,862,146	107,543	(±26,647)	1.5	3.7	46.47
Redbud, Texas	711,054	7,040	(±1,428)	1.4	0.2	3.17
American sycamore	9,543,690	94,489	(±25,152)	1.3	3.2	47.23
Eastern red cedar	2,071,011	20,504	(±8,283)	1.2	0.7	10.63
Mesquite	4,918,968	48,701	(±13,034)	1.2	1.7	25.58
Tallowtree	2,072,672	20,521	(±3,422)	1.1	0.7	11.99
Chinkapin oak	1,284,908	12,721	(±2,247)	1.1	0.4	7.54
Shumard oak	1,764,233	17,467	(±2,701)	1.1	0.6	10.50
Callery pear	1,410,256	13,963	(±4,188)	1.1	0.5	8.39
Other street trees	39,471,668	390,797	(±24,648)	20.1	13.3	12.51
Citywide total	297,790,417	2,948,331	(±134,803)	100.0	100.0	18.93

Annual Aesthetic/Other Benefits of Public Trees by Species

9/12/2008

Species	Total (\$)	Standard Error	% of Total Trees	% of Total \$	Avg. \$/tree
Crape Myrtle	125,172	(±7,514)	20.0	2.3	4.03
Live oak	1,987,497	(±166,126)	15.7	36.0	81.16
Elm, Cedar	678,041	(±76,120)	9.0	12.3	48.42
Sugarberry	301,088	(±33,101)	8.5	5.5	22.63
Pecan	420,628	(±55,939)	4.4	7.6	61.44
Ash, Arizona	443,757	(±71,800)	4.1	8.0	70.27
Chinaberry	145,284	(±22,505)	2.3	2.6	40.73
Mountain Laurel, Texas	5,981	(±799)	1.8	0.1	2.16
Holly, Yaupon	5,092	(±898)	1.6	0.1	1.99
Arborvitae, Oriental	16,950	(±3,233)	1.6	0.3	6.83
American elm	154,153	(±38,196)	1.5	2.8	66.62
Redbud, Texas	12,912	(±2,619)	1.4	0.2	5.82
American sycamore	147,501	(±39,264)	1.3	2.7	73.73
Eastern red cedar	16,490	(±6,661)	1.2	0.3	8.55
Mesquite	101,852	(±27,259)	1.2	1.8	53.49
Tallowtree	22,926	(±3,823)	1.1	0.4	13.40
Chinkapin oak	39,397	(±6,959)	1.1	0.7	23.35
Shumard oak	44,270	(±6,845)	1.1	0.8	26.62
Callery pear	29,656	(±8,896)	1.1	0.5	17.83
Other street trees	829,735	(±52,332)	20.1	15.0	26.56
Citywide total	5,528,383	(±252,767)	100.0	100.0	35.49

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

9/12/2008

Species	Energy	CO ₂	Air Quality	Stormwater	Aesthetic/Other	Total (\$)	Standard Error	% of Total \$
Crape Myrtle	59,988	7,704	19,111	61,221	125,172	273,196	(±16,399)	2.7
Live oak	349,539	96,873	-123,647	1,020,235	1,987,497	3,330,496	(±278,381)	32.5
Elm, Cedar	146,528	30,759	36,523	257,799	678,041	1,149,650	(±129,065)	11.2
Sugarberry	88,722	21,468	34,423	184,766	301,088	630,468	(±69,312)	6.1
Pecan	127,675	23,629	27,958	320,777	420,628	920,668	(±122,439)	9.0
Ash, Arizona	123,983	24,034	28,324	284,339	443,757	904,437	(±146,338)	8.8
Chinaberry	33,383	11,581	11,203	60,731	145,284	262,181	(±40,613)	2.6
Mountain Laurel, Texas	4,834	968	2,674	6,032	5,981	20,490	(±2,737)	0.2
Holly, Yaupon	4,628	937	2,535	5,271	5,092	18,462	(±3,256)	0.2
Arborvitae, Oriental	7,132	1,584	3,790	13,414	16,950	42,870	(±8,177)	0.4
American elm	44,991	8,710	10,102	107,543	154,153	325,499	(±80,651)	3.2
Redbud, Texas	6,131	1,322	2,138	7,040	12,912	29,544	(±5,993)	0.3
American sycamore	41,872	8,197	9,650	94,489	147,501	301,709	(±80,313)	2.9
Eastern red cedar	11,121	2,471	5,915	20,504	16,490	56,501	(±22,825)	0.6
Mesquite	23,614	9,098	8,013	48,701	101,852	191,277	(±51,193)	1.9
Tallowtree	14,963	3,427	5,432	20,521	22,926	67,268	(±11,218)	0.7
Chinkapin oak	8,290	1,965	2,724	12,721	39,397	65,098	(±11,498)	0.6
Shumard oak	9,614	2,020	2,364	17,467	44,270	75,734	(±11,709)	0.7
Callery pear	9,166	2,248	3,505	13,963	29,656	58,538	(±17,559)	0.6
Other street trees	202,490	49,733	55,137	390,796	829,735	1,527,892	(±96,364)	14.9
Citywide Total	1,318,663	308,729	147,871	2,948,331	5,528,382	10,251,977	(±468,738)	100.0

Annual Benefits of Public Trees by Species (\$/tree)

9/12/2008

Species	Energy	CO ₂	Air Quality	Stormwater	Aesthetic/Other	Total (\$) Standard Error
Crape Myrtle	1.93	0.25	0.61	1.97	4.03	8.79 (±.53)
Live oak	14.27	3.96	-5.05	41.66	81.16	135.99 (±11.37)
Elm, Cedar	10.46	2.20	2.61	18.41	48.42	82.09 (±9.22)
Sugarberry	6.67	1.61	2.59	13.89	22.63	47.38 (±5.21)
Pecan	18.65	3.45	4.08	46.86	61.44	134.49 (±17.89)
Ash, Arizona	19.63	3.81	4.48	45.02	70.27	143.21 (±23.17)
Chinaberry	9.36	3.25	3.14	17.02	40.73	73.49 (±11.38)
Mountain Laurel, Texas	1.74	0.35	0.96	2.18	2.16	7.39 (±.99)
Holly, Yaupon	1.81	0.37	0.99	2.06	1.99	7.23 (±1.27)
Arborvitae, Oriental	2.87	0.64	1.53	5.40	6.83	17.27 (±3.29)
American elm	19.44	3.76	4.37	46.47	66.62	140.66 (±34.85)
Redbud, Texas	2.76	0.60	0.96	3.17	5.82	13.32 (±2.7)
American sycamore	20.93	4.10	4.82	47.23	73.73	150.80 (±40.14)
Eastern red cedar	5.77	1.28	3.07	10.63	8.55	29.30 (±11.84)
Mesquite	12.40	4.78	4.21	25.58	53.49	100.45 (±26.88)
Tallowtree	8.74	2.00	3.17	11.99	13.40	39.31 (±6.55)
Chinkapin oak	4.91	1.16	1.61	7.54	23.35	38.58 (±6.81)
Shumard oak	5.78	1.21	1.42	10.50	26.62	45.54 (±7.04)
Callery pear	5.51	1.35	2.11	8.39	17.83	35.20 (±10.56)
Other street trees	6.48	1.59	1.76	12.51	26.56	48.91 (±3.08)

Annual Management Costs of Public Trees

9/12/2008

Expenditures	Total (\$)	\$/Tree	\$/Capita
Purchasing Trees and Planting	25,314	0.16	0.03
Contract Pruning	429,099	2.75	0.58
Pest Management	0	0.00	0.00
Irrigation	125,816	0.81	0.17
Removal	183,899	1.18	0.25
Administration	69,634	0.45	0.09
Inspection/Service	90,195	0.58	0.12
Infrastructure Repairs	0	0.00	0.00
Litter Clean-up	114,916	0.74	0.16
Liability/Claim	0	0.00	0.00
Other Cost	0	0.00	0.00
Total Expenditures	1,038,873	6.67	1.40

Total Annual Benefits, Net Benefits, and Costs for Public Trees

9/12/2008

Benefits	Total (\$) Standard Error	\$/tree Standard Error	\$/capita Standard Error
Energy	1,318,664 (±60,292)	8.47 (±.39)	1.78 (±.08)
CO2	308,729 (±14,116)	1.98 (±.09)	0.42 (±.02)
Air Quality	147,872 (±6,761)	0.95 (±.04)	0.20 (±.01)
Stormwater	2,948,331 (±134,803)	18.93 (±.87)	3.99 (±.18)
Aesthetic/Other	5,528,383 (±252,767)	35.49 (±1.62)	7.48 (±.34)
Total Benefits	10,251,979 (±468,738)	65.82 (±3.01)	13.86 (±.63)
Costs			
Planting	25,314	0.16	0.03
Contract Pruning	429,099	2.75	0.58
Pest Management	0	0.00	0.00
Irrigation	125,816	0.81	0.17
Removal	183,899	1.18	0.25
Administration	69,634	0.45	0.09
Inspection/Service	90,195	0.58	0.12
Infrastructure Repai	0	0.00	0.00
Litter Clean-up	114,916	0.74	0.16
Liability/Claims	0	0.00	0.00
Other Costs	0	0.00	0.00
Total Costs	1,038,873	6.67	1.40
Net Benefits	9,213,106 (±468,738)	59.15 (±3.01)	12.46 (±.63)
Benefit-cost ratio	9.87 (±.45)		

Replacement Value for Public Trees by Species

9/12/2008

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			
Crape Myrtle	1,353,250	6,584,259.87	10,318,012.58	4,479,292.57	296,504.02	489,105.82	729,858.09	0.00	0.00	24,250,283.26	(±1,455,687)	6.48
Live oak	145,952	715,852.89	10,707,985.99	24,202,152.32	28,351,960.90	23,389,304.78	12,100,095.59	9,540,323.00	10,033,403.17	119,187,038.68	(±9,962,317)	31.87
Elm, Cedar	156,866	1,669,956.28	7,411,040.26	15,307,231.92	6,526,578.95	903,407.29	813,667.01	0.00	0.00	32,788,748.12	(±3,681,025)	8.77
Sugarberry	88,252	1,002,923.65	5,896,834.06	7,582,091.76	5,388,521.36	2,286,811.43	598,648.60	0.00	0.00	22,844,083.09	(±2,511,434)	6.11
Pecan	18,366	727,555.42	2,065,284.72	4,854,490.78	8,193,404.87	6,718,573.44	8,244,868.11	7,559,164.76	3,081,509.60	41,463,218.35	(±5,514,156)	11.09
Ash, Arizona	2,179	81,851.89	3,117,507.68	8,042,684.86	12,163,645.67	7,250,274.90	4,720,517.45	1,488,102.03	918,655.43	37,785,421.14	(±6,113,688)	10.10
Chinaberry	44,945	219,501.84	612,989.26	852,416.57	503,458.14	0.00	73,174.17	0.00	0.00	2,306,485.25	(±357,283)	0.62
Mountain Laurel, Texas	122,035	558,016.14	1,284,913.88	259,383.94	129,066.46	0.00	0.00	0.00	0.00	2,353,415.29	(±314,335)	0.63
Holly, Yaupon	63,741	656,950.19	1,717,810.11	0.00	0.00	0.00	0.00	0.00	0.00	2,438,501.76	(±430,003)	0.65
Arborvitae, Oriental	20,933	523,872.12	1,630,869.30	627,985.83	819,894.40	0.00	0.00	0.00	0.00	3,623,554.49	(±691,131)	0.97
American elm	6,671	65,763.44	366,402.56	1,009,174.57	1,179,766.65	1,813,279.69	613,603.21	424,215.35	0.00	5,478,876.54	(±1,357,539)	1.46
Redbud, Texas	90,073	357,657.05	726,084.47	214,662.57	209,296.96	0.00	0.00	0.00	0.00	1,597,774.43	(±324,123)	0.43
American sycamore	8,689	23,562.05	156,400.59	2,059,872.52	3,698,261.05	1,139,253.53	681,488.82	229,744.95	0.00	7,997,272.35	(±2,128,819)	2.14
Eastern red cedar	4,090	149,406.47	954,565.04	1,641,230.39	1,142,386.24	269,721.07	242,132.48	0.00	0.00	4,403,532.13	(±1,778,872)	1.18
Mesquite	6,550	80,614.32	752,396.94	1,440,875.17	1,504,730.33	644,548.02	518,382.63	0.00	0.00	4,948,097.40	(±1,324,291)	1.32
Tallowtree	0	80,501.40	371,358.11	721,053.32	972,319.68	307,180.14	125,573.18	0.00	0.00	2,577,985.87	(±429,923)	0.69
Chinkapin oak	93,729	287,221.50	679,130.88	118,570.76	0.00	0.00	208,014.82	0.00	0.00	1,386,666.50	(±244,931)	0.37
Shumard oak	100,460	146,052.28	584,511.37	692,583.78	248,353.55	408,855.11	420,310.27	0.00	0.00	2,601,126.79	(±402,164)	0.70
Callery pear	23,493	334,307.98	592,774.11	1,221,982.44	246,783.13	0.00	0.00	0.00	0.00	2,419,340.52	(±725,705)	0.65
Boxelder	16,589	88,850.60	338,885.61	326,128.36	156,443.92	213,751.17	0.00	102,940.70	0.00	1,243,588.97	(±409,402)	0.33
Eastern redbud	89,048	181,708.20	348,354.19	0.00	238,723.48	0.00	0.00	0.00	0.00	857,833.54	(±160,401)	0.23
Post oak	4,668	133,737.80	325,431.94	462,874.94	1,858,427.19	1,690,252.05	700,220.94	0.00	357,990.20	5,533,602.79	(±1,213,539)	1.48
Juniper, Ashe	2,887	28,488.52	531,079.50	1,553,735.89	1,161,517.02	0.00	0.00	320,319.39	0.00	3,598,027.50	(±852,969)	0.96
Northern red oak	35,385	131,513.34	267,168.42	781,100.22	1,081,096.87	143,039.53	0.00	891,996.25	0.00	3,331,298.93	(±812,541)	0.89
Oak, Mexican White	38,766	233,755.32	955,825.82	0.00	0.00	0.00	0.00	0.00	0.00	1,228,346.92	(±872,098)	0.33
Northern hackberry	11,798	158,872.95	331,534.79	285,743.73	94,133.77	196,490.17	450,147.31	0.00	0.00	1,528,720.29	(±344,834)	0.41
Oak, Texas Red	0	203,028.24	1,143,894.74	239,706.55	418,593.92	0.00	0.00	0.00	0.00	2,005,223.35	(±959,605)	0.54
Plum, Mexican	60,327	155,874.45	167,255.24	0.00	0.00	0.00	0.00	0.00	0.00	383,457.01	(±117,541)	0.10
Common pear	8,131	236,620.97	407,641.89	127,977.43	0.00	0.00	0.00	0.00	0.00	780,371.06	(±321,775)	0.21
Mulberry, White	3,840	35,737.93	545,207.04	859,707.17	324,320.54	177,972.22	0.00	556,156.26	0.00	2,502,940.81	(±1,089,454)	0.67
Tree of heaven	8,750	80,991.98	201,732.90	24,268.41	103,902.21	0.00	0.00	0.00	0.00	419,645.94	(±139,632)	0.11
Juniper, Chinese	60,826	44,157.21	241,688.85	84,672.25	0.00	0.00	0.00	0.00	0.00	431,343.88	(±147,123)	0.12
Southern magnolia	14,528	58,541.89	732,643.42	518,767.88	593,008.04	0.00	0.00	0.00	0.00	1,917,489.21	(±426,438)	0.51
Bur oak	63,331	100,022.01	136,381.07	0.00	0.00	0.00	0.00	0.00	0.00	299,734.12	(±72,175)	0.08
Cypress, Italian	36,091	170,931.16	257,059.40	0.00	0.00	0.00	0.00	0.00	0.00	464,081.66	(±146,617)	0.12
Mexican fan palm	0	34,420.96	149,832.43	40,394.01	0.00	0.00	0.00	0.00	0.00	224,647.39	(±90,255)	0.06
Pine, Afghan	4,592	68,428.50	503,976.74	85,566.52	200,203.11	0.00	0.00	0.00	0.00	862,766.81	(±181,701)	0.23

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			
Palm, Mexican	69,658	137,600.57	625,094.39	347,802.17	271,314.56	0.00	0.00	0.00	0.00	1,451,469.74	(±440,140)	0.39
Mimosa	13,494	45,454.26	185,950.79	81,938.65	59,201.09	0.00	0.00	0.00	0.00	386,038.68	(±87,682)	0.10
Gum Bumelia	2,179	127,048.35	309,586.18	218,240.30	209,296.96	0.00	0.00	0.00	0.00	866,350.97	(±275,823)	0.23
Sycamore, Mexican	0	98,756.07	644,096.56	0.00	0.00	0.00	0.00	0.00	0.00	742,852.66	(±404,371)	0.20
Eastern cottonwood	0	0.00	214,480.26	602,844.06	805,793.28	558,156.07	503,299.17	666,314.36	0.00	3,350,887.20	(±1,197,915)	0.90
Chinese elm	12,951	93,968.82	184,735.93	64,091.67	0.00	0.00	0.00	0.00	0.00	355,747.07	(±247,649)	0.10
Desert Willow	20,191	76,697.84	115,105.50	0.00	0.00	0.00	0.00	0.00	0.00	211,994.83	(±132,952)	0.06
Chaste tree	2,179	64,413.87	230,221.92	132,375.26	209,296.96	0.00	0.00	0.00	0.00	638,487.18	(±250,808)	0.17
Baldcypress	0	15,124.80	731,331.62	152,052.65	0.00	0.00	0.00	0.00	0.00	898,509.12	(±387,151)	0.24
Jerusalem-Thorn	4,867	38,612.73	182,996.91	173,518.91	209,296.96	0.00	0.00	0.00	0.00	609,292.41	(±314,778)	0.16
Pine, Japanese Black	0	21,523.06	271,372.12	73,342.73	0.00	0.00	0.00	0.00	0.00	366,237.90	(±142,576)	0.10
Maple, Bigtooth	0	25,620.34	222,911.63	111,415.65	0.00	0.00	0.00	0.00	0.00	359,947.62	(±100,677)	0.10
Walnut Spp.	26,199	25,620.34	33,689.42	0.00	0.00	0.00	0.00	0.00	0.00	85,508.99	(±35,412)	0.02
White oak	10,191	0.00	49,468.35	109,597.20	395,583.24	217,562.60	514,364.37	0.00	0.00	1,296,766.29	(±470,296)	0.35
Mexican Buckeye	0	40,925.94	388,294.54	0.00	0.00	0.00	0.00	0.00	0.00	429,220.48	(±197,383)	0.11
California palm	0	0.00	58,569.68	0.00	168,804.70	97,276.32	0.00	0.00	0.00	324,650.71	(±167,052)	0.09
Madrone, Texas	2,179	21,352.66	198,082.68	280,850.20	0.00	0.00	0.00	0.00	0.00	502,464.76	(±193,906)	0.13
Ash, Texas	0	0.00	0.00	257,460.47	499,628.96	644,548.02	0.00	0.00	0.00	1,401,637.43	(±853,651)	0.37
Cherry plum	5,266	73,310.81	78,708.35	107,331.28	0.00	0.00	0.00	0.00	0.00	264,616.84	(±84,245)	0.07
Black locust	11,317	27,405.00	62,980.38	0.00	0.00	0.00	0.00	0.00	0.00	101,702.61	(±75,747)	0.03
Sumac, Smooth	3,087	36,833.35	72,805.22	66,187.63	129,066.46	0.00	0.00	0.00	0.00	307,979.83	(±243,677)	0.08
Northern catalpa	3,595	0.00	49,304.58	188,106.76	0.00	119,751.08	0.00	0.00	256,652.67	617,410.46	(±237,669)	0.17
Swamp white oak	1,562	66,737.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,299.55	(±66,838)	0.02
Paper mulberry	10,841	0.00	62,325.42	0.00	0.00	0.00	0.00	0.00	0.00	73,166.48	(±71,600)	0.02
Loquat, Bronze	6,174	25,801.13	167,255.24	0.00	0.00	0.00	0.00	0.00	0.00	199,230.75	(±73,292)	0.05
Sawtooth oak	0	71,444.29	100,803.41	0.00	0.00	0.00	0.00	0.00	0.00	172,247.71	(±168,561)	0.05
Black willow	0	9,791.21	33,689.42	55,707.82	216,213.70	177,972.22	0.00	0.00	383,324.59	876,698.99	(±322,518)	0.23
Japanese tree lilac	0	20,097.04	34,351.55	263,556.18	73,174.16	0.00	0.00	0.00	0.00	391,178.95	(±283,952)	0.10
Chinese parasoltree	0	39,491.23	0.00	146,044.83	0.00	0.00	0.00	0.00	0.00	185,536.06	(±85,321)	0.05
Green ash	0	0.00	0.00	239,904.71	0.00	764,209.66	242,132.48	0.00	357,990.20	1,604,237.00	(±1,109,089)	0.43
Rose-of-sharon	0	21,352.66	190,211.85	0.00	0.00	0.00	0.00	0.00	0.00	211,564.51	(±97,291)	0.06
Chinese Flame-Tree	0	9,791.21	134,757.67	127,977.43	0.00	0.00	0.00	0.00	0.00	272,526.32	(±153,699)	0.07
Sweetgum	3,348	0.00	107,566.82	69,943.88	0.00	0.00	0.00	0.00	0.00	180,858.24	(±110,215)	0.05
Chinese pistache	0	24,375.11	157,134.72	0.00	0.00	0.00	0.00	0.00	0.00	181,509.84	(±110,612)	0.05
Mulberry, Red	0	21,352.66	118,062.52	0.00	0.00	0.00	0.00	0.00	0.00	139,415.18	(±112,456)	0.04
Catalpa, Southern	0	0.00	24,268.41	388,181.47	0.00	0.00	0.00	0.00	0.00	412,449.86	(±179,855)	0.11
Palm, European Fan	0	0.00	55,080.79	24,020.71	28,326.16	0.00	0.00	0.00	0.00	107,427.65	(±86,654)	0.03
Loblolly pine	0	9,496.17	129,324.73	0.00	0.00	0.00	0.00	0.00	0.00	138,820.90	(±111,977)	0.04
Carolina laurelcherry	4,341	24,076.30	42,376.62	0.00	0.00	0.00	0.00	0.00	0.00	70,794.03	(±30,871)	0.02
Oak, Lacecy	19,198	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,197.71	(±15,485)	0.01
Acacia, Sweet	0	25,801.13	63,622.58	0.00	0.00	0.00	0.00	0.00	0.00	89,423.72	(±69,145)	0.02
Loquat, Japanese	0	30,249.61	111,503.50	0.00	0.00	0.00	0.00	0.00	0.00	141,753.11	(±84,820)	0.04

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			
Pomegranate	3,087	15,124.80	111,503.50	0.00	0.00	0.00	0.00	0.00	0.00	129,715.50	(±100,300)	0.03
Northern white cedar	8,181	9,496.17	45,051.65	0.00	0.00	0.00	0.00	0.00	0.00	62,728.47	(±37,535)	0.02
Palm, Windmill	0	20,290.38	18,681.05	0.00	0.00	0.00	0.00	0.00	0.00	38,971.42	(±23,319)	0.01
Acacia, Spp.	5,266	15,124.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20,391.19	(±11,500)	0.01
Apple	0	26,905.83	45,051.65	0.00	0.00	0.00	0.00	0.00	0.00	71,957.48	(±40,582)	0.02
Mulberry Spp.	0	0.00	33,689.42	55,707.82	108,106.85	0.00	0.00	0.00	0.00	197,504.09	(±143,956)	0.05
Redbay	0	10,676.33	95,105.92	0.00	0.00	0.00	0.00	0.00	0.00	105,782.25	(±59,659)	0.03
Peach	0	30,249.61	6,559.03	0.00	0.00	0.00	0.00	0.00	0.00	36,808.64	(±26,829)	0.01
Scarlet oak	0	31,743.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31,743.91	(±23,137)	0.01
Willow oak	6,174	15,124.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21,299.19	(±12,012)	0.01
Sumac, Smooth	0	36,477.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36,477.47	(±35,697)	0.01
Corkscrew willow	6,550	9,791.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,341.02	(±9,216)	0.00
Eve's Necklace	3,087	30,249.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33,336.80	(±18,801)	0.01
Mountain-ash, Northern	2,179	6,583.74	39,354.18	0.00	0.00	0.00	0.00	0.00	0.00	48,117.11	(±47,087)	0.01
Bamboo	28,312	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,312.36	(±19,574)	0.01
Palm, Pindo	0	0.00	0.00	15,885.78	8,164.41	0.00	0.00	0.00	0.00	24,050.19	(±16,627)	0.01
Deodar cedar	3,589	0.00	0.00	0.00	264,403.71	0.00	0.00	0.00	0.00	267,992.48	(±185,276)	0.07
Sawara false cypress	5,093	11,781.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,874.48	(±16,513)	0.00
Persimmon, Japanese	7,679	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,679.08	(±7,515)	0.00
Ash, Mexican	0	13,870.89	47,726.67	0.00	0.00	0.00	0.00	0.00	0.00	61,597.56	(±60,279)	0.02
Australian Willow	0	0.00	39,354.18	66,187.63	0.00	0.00	0.00	0.00	0.00	105,541.81	(±72,966)	0.03
Honeylocust	0	17,222.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17,222.11	(±11,906)	0.00
Oleander	2,179	0.00	39,354.18	0.00	0.00	0.00	0.00	0.00	0.00	41,533.37	(±28,714)	0.01
Pine Spp.	0	12,616.97	39,701.60	0.00	0.00	0.00	0.00	0.00	0.00	52,318.57	(±36,170)	0.01
Pine Spp.	0	0.00	0.00	90,456.04	0.00	0.00	0.00	0.00	0.00	90,456.04	(±88,520)	0.02
Cherry, Spp.	4,358	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,358.39	(±4,265)	0.00
Oak, Spp.	0	10,676.33	24,268.41	0.00	0.00	0.00	0.00	0.00	0.00	34,944.74	(±24,159)	0.01
Pin oak	0	16,909.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,909.23	(±16,547)	0.00
Red maple	0	6,474.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,474.57	(±6,336)	0.00
Silver maple	0	0.00	0.00	0.00	129,990.33	0.00	0.00	0.00	0.00	129,990.33	(±127,208)	0.03
Acacia, Spp.	3,087	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,087.19	(±3,021)	0.00
Mulberry, Red	0	0.00	0.00	0.00	129,066.46	0.00	0.00	0.00	0.00	129,066.46	(±126,304)	0.03
Falsecypress	0	0.00	39,701.60	0.00	0.00	0.00	0.00	0.00	0.00	39,701.60	(±38,852)	0.01
Kapok	0	0.00	20,775.14	0.00	0.00	0.00	0.00	0.00	0.00	20,775.14	(±20,330)	0.01
Orange	0	0.00	39,354.18	0.00	0.00	0.00	0.00	0.00	0.00	39,354.18	(±38,512)	0.01
Palm, Old Man	0	12,030.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,030.25	(±11,773)	0.00
Smoke tree	3,087	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,087.19	(±3,021)	0.00
Kousa dogwood	3,488	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,488.45	(±3,414)	0.00
Persimmon, Texas	0	6,583.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,583.74	(±6,443)	0.00
Common persimmon	0	0.00	42,376.62	0.00	0.00	0.00	0.00	0.00	0.00	42,376.62	(±41,470)	0.01
Anacua	0	0.00	20,775.14	0.00	0.00	0.00	0.00	0.00	0.00	20,775.14	(±20,330)	0.01
Eucalyptus, Spp.	0	0.00	55,751.75	0.00	0.00	0.00	0.00	0.00	0.00	55,751.75	(±54,558)	0.01

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			
Eucalyptus, Spp.	2,179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,179.19	(±2,133)	0.00
American holly	0	0.00	55,751.75	0.00	0.00	0.00	0.00	0.00	0.00	55,751.75	(±54,558)	0.01
Goldenrain tree	0	0.00	31,801.16	0.00	0.00	0.00	0.00	0.00	0.00	31,801.16	(±31,121)	0.01
Primrose Tree	0	0.00	55,751.75	0.00	0.00	0.00	0.00	0.00	0.00	55,751.75	(±54,558)	0.01
Chinese magnolia; Sauce	0	0.00	31,801.16	0.00	0.00	0.00	0.00	0.00	0.00	31,801.16	(±31,121)	0.01
Banana	0	0.00	20,355.94	0.00	0.00	0.00	0.00	0.00	0.00	20,355.94	(±19,920)	0.01
Red-Tip Phontinia	0	0.00	39,354.18	0.00	0.00	0.00	0.00	0.00	0.00	39,354.18	(±38,512)	0.01
Pine Spp.	0	0.00	19,610.72	0.00	0.00	0.00	0.00	0.00	0.00	19,610.72	(±19,191)	0.01
Austrian pine	0	0.00	28,024.66	0.00	0.00	0.00	0.00	0.00	0.00	28,024.66	(±27,425)	0.01
Pine Spp.	0	0.00	39,701.60	0.00	0.00	0.00	0.00	0.00	0.00	39,701.60	(±38,852)	0.01
London planetree	0	11,781.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,781.02	(±11,529)	0.00
Plum, Mexican	0	6,583.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,583.74	(±6,443)	0.00
Black cherry	0	0.00	12,624.18	0.00	0.00	0.00	0.00	0.00	0.00	12,624.18	(±12,354)	0.00
Oak, Spp.	0	15,124.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,124.80	(±14,801)	0.00
Wisconsin weeping willo	0	0.00	47,726.67	0.00	0.00	0.00	0.00	0.00	0.00	47,726.67	(±46,705)	0.01
Palm, Queen	0	10,145.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,145.19	(±9,928)	0.00
Tamarind	0	0.00	0.00	0.00	209,296.96	0.00	0.00	0.00	0.00	209,296.96	(±204,817)	0.06
Western red cedar	0	0.00	28,024.66	0.00	0.00	0.00	0.00	0.00	0.00	28,024.66	(±27,425)	0.01
Linden, Spp.	0	0.00	33,689.42	0.00	0.00	0.00	0.00	0.00	0.00	33,689.42	(±32,968)	0.01
Linden, Spp.	2,710	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,710.26	(±2,652)	0.00
Citywide total	3,142,937	18,191,273.35	5,222,941.84	85,229,109.31	81,929,328.32	50,621,296.34	32,500,498.67	21,779,277.04	15,389,525.86	374,006,199.03	(±17,100,216)	100.00

Replacement Value for Public Trees by Zone

9/17/2008

Zone	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			
1	3,142,937	18,191,273.46	65,222,942.62	85,229,109.35	81,929,328.10	50,621,295.75	32,500,498.97	21,779,277.27	15,389,525.58	374,006,202.42	(±17,100,216)	100.00
Citywide total	3,142,937	18,191,273.46	5,222,942.62	85,229,109.35	81,929,328.10	50,621,295.75	32,500,498.97	21,779,277.27	15,389,525.58	374,006,202.42	(±17,100,218)	100.00

Complete Population of Public Trees

9/12/2008

	DBH Class (in)									Standard
Species	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42	Total Error
Broadleaf Deciduous Large (BDL)										
Elm, Cedar	1,422	3,351	4,508	3,640	964	72	48	0	0	14,005 (±1,572)
Pecan	145	1,374	1,302	1,326	1,181	627	458	313	121	6,846 (±910)
Ash, Arizona	24	145	1,808	1,832	1,519	579	289	72	48	6,315 (±1,022)
American elm	48	241	482	603	410	362	121	48	0	2,314 (±573)
American sycamore	48	48	145	844	723	121	48	24	0	2,001 (±533)
Shumard oak	771	289	386	145	24	24	24	0	0	1,663 (±257)
Post oak	48	289	265	169	289	169	72	0	24	1,326 (±291)
Northern red oak	193	313	265	265	193	24	0	48	0	1,302 (±317)
Northern hackberry	121	434	313	96	24	48	48	0	0	1,085 (±245)
Oak, Texas Red	0	386	579	72	48	0	0	0	0	1,085 (±519)
Tree of heaven	48	337	337	24	24	0	0	0	0	771 (±257)
Bur oak	482	169	72	0	0	0	0	0	0	723 (±174)
Gum Bumelia	24	265	169	48	24	0	0	0	0	530 (±169)
Sycamore, Mexican	0	193	313	0	0	0	0	0	0	506 (±276)
Eastern cottonwood	0	0	121	145	121	48	24	24	0	482 (±172)
Baldcypress	0	24	337	24	0	0	0	0	0	386 (±166)
White oak	96	0	48	24	72	24	24	0	0	289 (±105)
Swamp white oak	24	169	0	0	0	0	0	0	0	193 (±189)
Green ash	0	0	0	48	0	48	24	0	24	145 (±100)
Sweetgum	24	0	96	24	0	0	0	0	0	145 (±88)
Catalpa, Southern	0	0	24	96	0	0	0	0	0	121 (±53)
Scarlet oak	0	72	0	0	0	0	0	0	0	72 (±53)
Willow oak	48	24	0	0	0	0	0	0	0	72 (±41)
Honeylocust	0	48	0	0	0	0	0	0	0	48 (±33)
Oak, Spp.	0	24	24	0	0	0	0	0	0	48 (±33)
Pin oak	0	48	0	0	0	0	0	0	0	48 (±47)
Silver maple	0	0	0	0	24	0	0	0	0	24 (±24)
London planetree	0	24	0	0	0	0	0	0	0	24 (±24)
Black cherry	0	0	24	0	0	0	0	0	0	24 (±24)
Oak, Spp.	0	24	0	0	0	0	0	0	0	24 (±24)
Total	3,567	8,292	11,618	9,425	5,640	2,145	1,181	530	217	42,616 (±2,738)
Broadleaf Deciduous Medium (BDM)										
Chinaberry	241	916	1,278	795	313	0	24	0	0	3,567 (±553)
Mesquite	48	217	651	579	289	72	48	0	0	1,904 (±510)
Chinkapin oak	506	627	482	48	0	0	24	0	0	1,687 (±298)
Boxelder	96	337	675	313	48	48	0	24	0	1,543 (±508)
Common pear	72	482	289	24	0	0	0	0	0	868 (±358)
Mulberry, White	24	96	337	217	72	24	0	24	0	795 (±346)
Chinese elm	96	241	96	24	0	0	0	0	0	458 (±319)
Desert Willow	169	169	72	0	0	0	0	0	0	410 (±257)
Maple, Bigtooth	0	72	169	48	0	0	0	0	0	289 (±81)
Walnut Spp.	193	72	24	0	0	0	0	0	0	289 (±120)
Ash, Texas	0	0	0	96	96	72	0	0	0	265 (±161)
Black locust	72	72	96	0	0	0	0	0	0	241 (±180)
Northern catalpa	24	0	48	72	0	24	0	0	24	193 (±74)
Paper mulberry	96	0	72	0	0	0	0	0	0	169 (±165)
Sawtooth oak	0	121	48	0	0	0	0	0	0	169 (±165)
Black willow	0	24	24	24	48	24	0	0	24	169 (±62)
Chinese parasoltree	0	96	0	48	0	0	0	0	0	145 (±67)
Chinese Flame-Tree	0	24	96	24	0	0	0	0	0	145 (±82)
Chinese pistache	0	48	96	0	0	0	0	0	0	145 (±88)
Oak, Lacecy	121	0	0	0	0	0	0	0	0	121 (±97)
Mulberry Spp.	0	0	24	24	24	0	0	0	0	72 (±53)

9/12/2008

Species	DBH Class (in)									Standard
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42	Total Error
Corkscrew willow	48	24	0	0	0	0	0	0	0	72 (±41)
Persimmon, Japanese	48	0	0	0	0	0	0	0	0	48 (±47)
Ash, Mexican	0	24	24	0	0	0	0	0	0	48 (±47)
Red maple	0	24	0	0	0	0	0	0	0	24 (±24)
Kapok	0	0	24	0	0	0	0	0	0	24 (±24)
Common persimmon	0	0	24	0	0	0	0	0	0	24 (±24)
Anacua	0	0	24	0	0	0	0	0	0	24 (±24)
Wisconsin weeping willow	0	0	24	0	0	0	0	0	0	24 (±24)
Linden, Spp.	0	0	24	0	0	0	0	0	0	24 (±24)
Linden, Spp.	24	0	0	0	0	0	0	0	0	24 (±24)
Total	1,880	3,688	4,724	2,338	892	265	96	48	48	13,981 (±1,379)
Broadleaf Deciduous Small (BDS)										
Crape Myrtle	12,438	12,486	5,255	844	24	24	24	0	0	31,095 (±1,867)
Redbud, Texas	892	723	530	48	24	0	0	0	0	2,218 (±450)
Tallowtree	0	241	506	506	362	72	24	0	0	1,711 (±285)
Callery pear	145	675	386	410	48	0	0	0	0	1,663 (±499)
Eastern redbud	651	434	313	0	24	0	0	0	0	1,422 (±266)
Plum, Mexican	554	289	72	0	0	0	0	0	0	916 (±281)
Mimosa	72	169	265	48	24	0	0	0	0	579 (±131)
Chaste tree	24	145	169	48	24	0	0	0	0	410 (±161)
Jerusalem-Thorn	72	96	121	48	24	0	0	0	0	362 (±187)
Mexican Buckeye	0	72	217	0	0	0	0	0	0	289 (±133)
Cherry plum	48	145	48	24	0	0	0	0	0	265 (±84)
Sumac, Smooth	24	72	72	24	24	0	0	0	0	217 (±172)
Japanese tree lilac	0	48	24	72	24	0	0	0	0	169 (±122)
Rose-of-sharon	0	48	96	0	0	0	0	0	0	145 (±67)
Mulberry, Red	0	48	72	0	0	0	0	0	0	121 (±97)
Apple	0	48	24	0	0	0	0	0	0	72 (±41)
Peach	0	48	24	0	0	0	0	0	0	72 (±53)
Sumac, Smooth	0	72	0	0	0	0	0	0	0	72 (±71)
Mountain-ash, Northern	24	24	24	0	0	0	0	0	0	72 (±71)
Cherry, Spp.	48	0	0	0	0	0	0	0	0	48 (±47)
Mulberry, Red	0	0	0	0	24	0	0	0	0	24 (±24)
Smoke tree	24	0	0	0	0	0	0	0	0	24 (±24)
Kousa dogwood	24	0	0	0	0	0	0	0	0	24 (±24)
Goldenrain tree	0	0	24	0	0	0	0	0	0	24 (±24)
Chinese magnolia; Saucer magnolia	0	0	24	0	0	0	0	0	0	24 (±24)
Plum, Mexican	0	24	0	0	0	0	0	0	0	24 (±24)
Total	15,041	15,909	8,268	2,073	627	96	48	0	0	42,062 (±2,238)
Broadleaf Evergreen Large (BEL)										
Live oak	964	1,519	7,545	6,677	4,050	2,001	820	458	458	24,490 (±2,047)
Oak, Mexican White	241	434	530	0	0	0	0	0	0	1,205 (±856)
Total	1,205	1,952	8,075	6,677	4,050	2,001	820	458	458	25,695 (±2,309)
Broadleaf Evergreen Medium (BEM)										
Southern magnolia	121	121	337	96	48	0	0	0	0	723 (±161)
Madrone, Texas	24	48	121	72	0	0	0	0	0	265 (±102)
Redbay	0	24	48	0	0	0	0	0	0	72 (±41)
Australian Willow	0	0	24	24	0	0	0	0	0	48 (±33)
Eucalyptus, Spp.	0	0	24	0	0	0	0	0	0	24 (±24)
Eucalyptus, Spp.	24	0	0	0	0	0	0	0	0	24 (±24)
Primrose Tree	0	0	24	0	0	0	0	0	0	24 (±24)
Total	169	193	579	193	48	0	0	0	0	1,181 (±199)
Broadleaf Evergreen Small (BES)										

Complete Population of Public Trees

9/12/2008

Species	DBH Class (in)									Standard Total Error
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42	
Mountain Laurel, Texas	988	1,036	675	48	24	0	0	0	0	2,772 (±370)
Holly, Yaupon	554	1,181	820	0	0	0	0	0	0	2,555 (±451)
Loquat, Bronze	48	48	72	0	0	0	0	0	0	169 (±62)
Carolina laurelcherry	24	72	24	0	0	0	0	0	0	121 (±53)
Acacia, Sweet	0	48	48	0	0	0	0	0	0	96 (±75)
Loquat, Japanese	0	48	48	0	0	0	0	0	0	96 (±58)
Pomegranate	24	24	48	0	0	0	0	0	0	96 (±75)
Acacia, Spp.	48	24	0	0	0	0	0	0	0	72 (±41)
Eve's Necklace	24	48	0	0	0	0	0	0	0	72 (±41)
Oleander	24	0	24	0	0	0	0	0	0	48 (±33)
Acacia, Spp.	24	0	0	0	0	0	0	0	0	24 (±24)
Orange	0	0	24	0	0	0	0	0	0	24 (±24)
Persimmon, Texas	0	24	0	0	0	0	0	0	0	24 (±24)
American holly	0	0	24	0	0	0	0	0	0	24 (±24)
Red-Tip Photinia	0	0	24	0	0	0	0	0	0	24 (±24)
Tamarind	0	0	0	0	24	0	0	0	0	24 (±24)
Total	1,760	2,555	1,832	48	48	0	0	0	0	6,243 (±680)
Conifer Evergreen Large (CEL)										
Sugarberry	747	2,917	5,544	2,676	1,109	265	48	0	0	13,306 (±1,463)
Pine, Afghan	24	193	362	48	24	0	0	0	0	651 (±137)
Pine, Japanese Black	0	48	241	24	0	0	0	0	0	313 (±122)
Loblolly pine	0	24	96	0	0	0	0	0	0	121 (±97)
Deodar cedar	24	0	0	0	24	0	0	0	0	48 (±33)
Pine Spp.	0	24	24	0	0	0	0	0	0	48 (±33)
Pine Spp.	0	0	0	48	0	0	0	0	0	48 (±47)
Falsecypress	0	0	24	0	0	0	0	0	0	24 (±24)
Pine Spp.	0	0	24	0	0	0	0	0	0	24 (±24)
Western red cedar	0	0	24	0	0	0	0	0	0	24 (±24)
Total	795	3,206	6,339	2,796	1,157	265	48	0	0	14,607 (±1,472)
Conifer Evergreen Medium (CEM)										
Arborvitae, Oriental	145	988	1,061	169	121	0	0	0	0	2,483 (±474)
Eastern red cedar	24	337	747	530	241	24	24	0	0	1,928 (±779)
Juniper, Ashe	24	72	458	506	217	0	0	24	0	1,302 (±309)
Cypress, Italian	241	313	145	0	0	0	0	0	0	699 (±221)
Northern white cedar	48	24	24	0	0	0	0	0	0	96 (±58)
Pine Spp.	0	0	24	0	0	0	0	0	0	24 (±24)
Austrian pine	0	0	24	0	0	0	0	0	0	24 (±24)
Total	482	1,736	2,483	1,205	579	24	24	24	0	6,556 (±1,026)
Conifer Evergreen Small (CES)										
Juniper, Chinese	386	121	241	24	0	0	0	0	0	771 (±263)
Sawara false cypress	24	24	0	0	0	0	0	0	0	48 (±47)
Total	410	145	241	24	0	0	0	0	0	820 (±267)
Palm Evergreen Large (PEL)										
Palm, Mexican	48	72	265	145	96	0	0	0	0	627 (±190)
Total	48	72	265	145	96	0	0	0	0	627 (±190)
Palm Evergreen Medium (PEM)										
Mexican fan palm	0	96	434	169	0	0	0	0	0	699 (±281)
Palm, Windmill	0	48	48	0	0	0	0	0	0	96 (±58)
Palm, Pindo	0	0	0	24	24	0	0	0	0	48 (±33)
Palm, Queen	0	24	0	0	0	0	0	0	0	24 (±24)
Total	0	169	482	193	24	0	0	0	0	868 (±293)
Palm Evergreen Small (PES)										
California palm	0	0	72	0	145	72	0	0	0	289 (±149)

Complete Population of Public Trees

9/12/2008

Species	DBH Class (in)									Standard Total Error
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42	
Palm, European Fan	0	0	72	24	24	0	0	0	0	121 (±97)
Bamboo	48	0	0	0	0	0	0	0	0	48 (±33)
Palm, Old Man	0	24	0	0	0	0	0	0	0	24 (±24)
Banana	0	0	24	0	0	0	0	0	0	24 (±24)
Total	48	24	169	24	169	72	0	0	0	506 (±183)
Grand Total:	25,406	37,940	45,075	25,141	13,330	4,869	2,218	1,061	723	155,762 (±7,122)

Population Summary of Public Trees

9/12/2008

Species	DBH Class (in)									Standard
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42	Total Error
Broadleaf Deciduous Large (BDL)										
Elm, Cedar	1,422	3,351	4,508	3,640	964	72	48	0	0	14,005 (±1,572)
Pecan	145	1,374	1,302	1,326	1,181	627	458	313	121	6,846 (±910)
Ash, Arizona	24	145	1,808	1,832	1,519	579	289	72	48	6,315 (±1,022)
American elm	48	241	482	603	410	362	121	48	0	2,314 (±573)
American sycamore	48	48	145	844	723	121	48	24	0	2,001 (±533)
Shumard oak	771	289	386	145	24	24	24	0	0	1,663 (±257)
BDL OTHER	1,109	2,844	2,989	1,036	820	362	193	72	48	9,473 (±902)
Total	3,567	8,292	11,618	9,425	5,640	2,145	1,181	530	217	42,616 (±2,738)
Broadleaf Deciduous Medium (BDM)										
Chinaberry	241	916	1,278	795	313	0	24	0	0	3,567 (±553)
Mesquite	48	217	651	579	289	72	48	0	0	1,904 (±510)
Chinkapin oak	506	627	482	48	0	0	24	0	0	1,687 (±298)
BDM OTHER	1,085	1,928	2,314	916	289	193	0	48	48	6,822 (±1,055)
Total	1,880	3,688	4,724	2,338	892	265	96	48	48	13,981 (±1,379)
Broadleaf Deciduous Small (BDS)										
Crape Myrtle	12,438	12,486	5,255	844	24	24	24	0	0	31,095 (±1,867)
Redbud, Texas	892	723	530	48	24	0	0	0	0	2,218 (±450)
Tallowtree	0	241	506	506	362	72	24	0	0	1,711 (±285)
Callery pear	145	675	386	410	48	0	0	0	0	1,663 (±499)
BDS OTHER	1,567	1,784	1,591	265	169	0	0	0	0	5,375 (±593)
Total	15,041	15,909	8,268	2,073	627	96	48	0	0	42,062 (±2,238)
Broadleaf Evergreen Large (BEL)										
Live oak	964	1,519	7,545	6,677	4,050	2,001	820	458	458	24,490 (±2,047)
BEL OTHER	241	434	530	0	0	0	0	0	0	1,205 (±856)
Total	1,205	1,952	8,075	6,677	4,050	2,001	820	458	458	25,695 (±2,309)
Broadleaf Evergreen Medium (BEM)										
BEM OTHER	169	193	579	193	48	0	0	0	0	1,181 (±199)
Total	169	193	579	193	48	0	0	0	0	1,181 (±199)
Broadleaf Evergreen Small (BES)										
Mountain Laurel, Texas	988	1,036	675	48	24	0	0	0	0	2,772 (±370)
Holly, Yaupon	554	1,181	820	0	0	0	0	0	0	2,555 (±451)
BES OTHER	217	337	337	0	24	0	0	0	0	916 (±176)
Total	1,760	2,555	1,832	48	48	0	0	0	0	6,243 (±680)
Conifer Evergreen Large (CEL)										
Sugarberry	747	2,917	5,544	2,676	1,109	265	48	0	0	13,306 (±1,463)
CEL OTHER	48	289	795	121	48	0	0	0	0	1,302 (±220)
Total	795	3,206	6,339	2,796	1,157	265	48	0	0	14,607 (±1,472)
Conifer Evergreen Medium (CEM)										
Arborvitae, Oriental	145	988	1,061	169	121	0	0	0	0	2,483 (±474)
Eastern red cedar	24	337	747	530	241	24	24	0	0	1,928 (±779)
CEM OTHER	313	410	675	506	217	0	0	24	0	2,145 (±386)
Total	482	1,736	2,483	1,205	579	24	24	24	0	6,556 (±1,026)
Conifer Evergreen Small (CES)										
CES OTHER	410	145	241	24	0	0	0	0	0	820 (±267)
Total	410	145	241	24	0	0	0	0	0	820 (±267)
Palm Evergreen Large (PEL)										
PEL OTHER	48	72	265	145	96	0	0	0	0	627 (±190)
Total	48	72	265	145	96	0	0	0	0	627 (±190)
Palm Evergreen Medium (PEM)										
PEM OTHER	0	169	482	193	24	0	0	0	0	868 (±293)
Total	0	169	482	193	24	0	0	0	0	868 (±293)

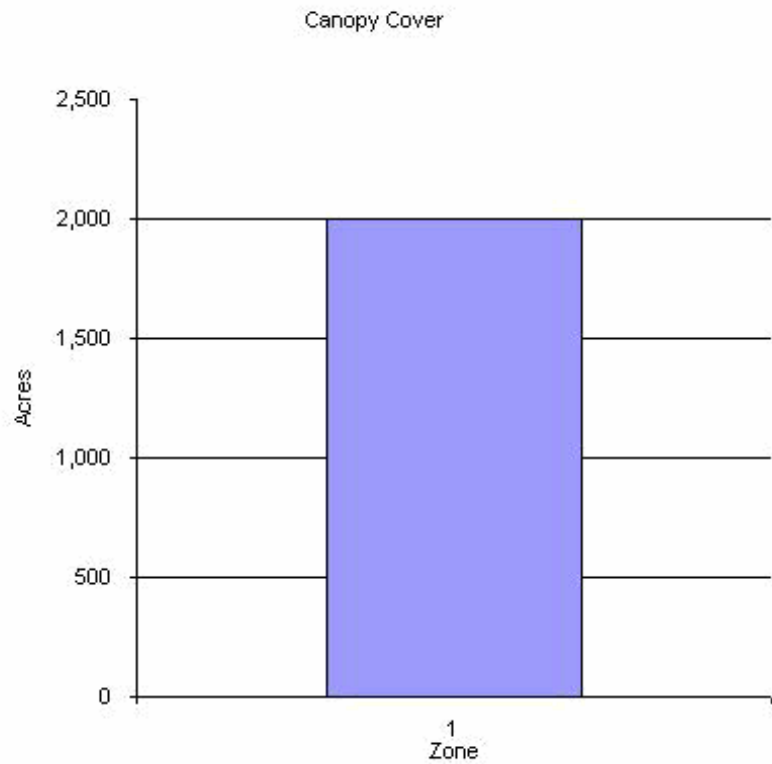
Population Summary of Public Trees

9/12/2008

Species	DBH Class (in)									Standard
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42	Total Error
Palm Evergreen Small (PES)										
PES OTHER	48	24	169	24	169	72	0	0	0	506 (±183)
Total	48	24	169	24	169	72	0	0	0	506 (±183)
Grand Total:	25,406	37,940	45,075	25,141	13,330	4,869	2,218	1,061	723	155,762 (±7,122)

Canopy Cover of Public Trees (Acres)

9/12/2008

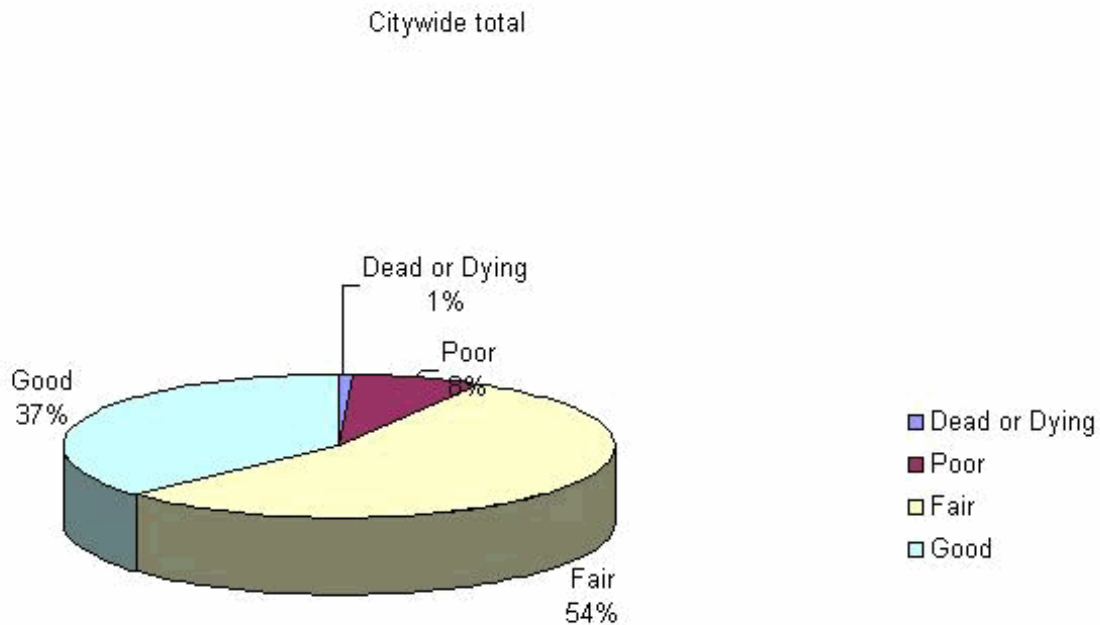


Zone	Acres	% of Total Canopy Cover
1	2,000	100.0
Citywide total	2,000	100.0

	Total Land Area	Total Street and Sidewalk Area	Total Canopy Cover	Canopy Cover as % of Total Land Area	Canopy Cover as % of Total Streets and Sidewalks
Citywide to	163,199	10,339	2,000	1.23	19.35

Functional (Foliage) Condition of Public Trees by Species (%)

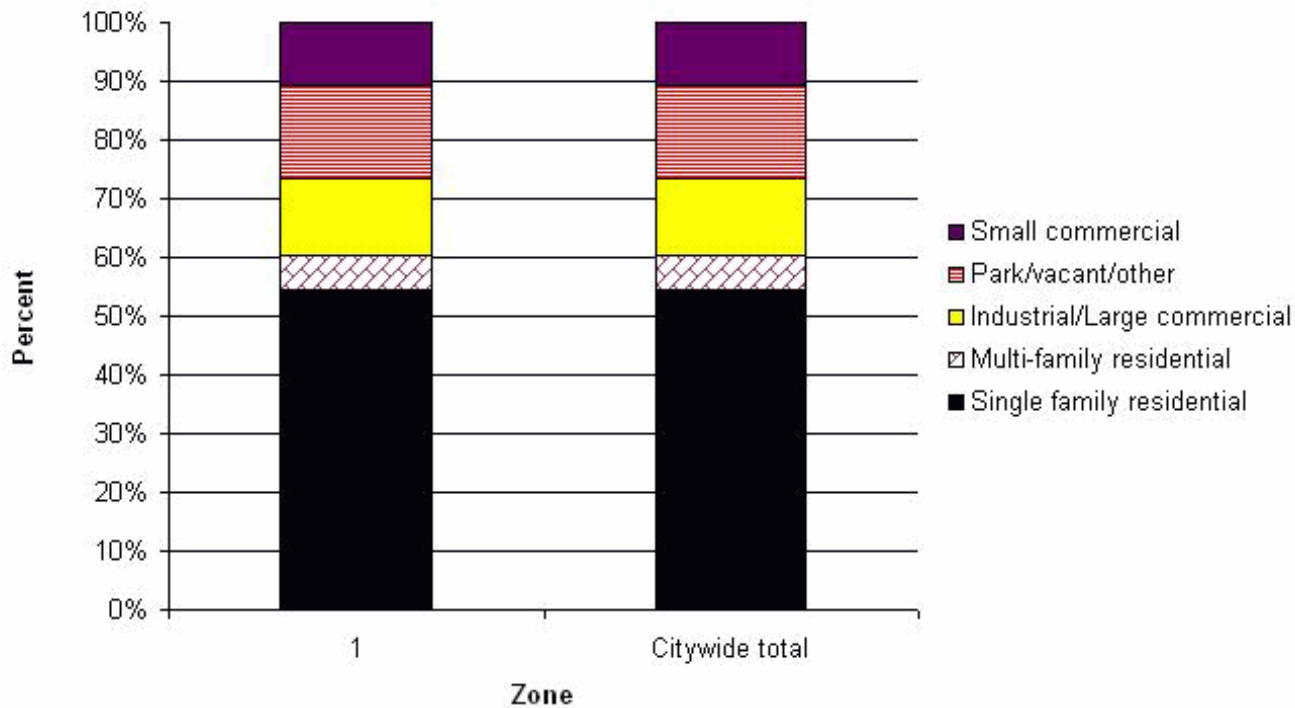
9/12/2008



Species	Dead or Dying	Poor	Fair	Good
Crape Myrtle	0.1	1.8	45.5	52.6
Live oak	0.4	8.0	53.3	38.3
Elm, Cedar	1.2	5.9	69.4	23.6
Sugarberry	1.3	14.1	76.4	8.2
Pecan	0.0	10.6	57.6	31.8
Ash, Arizona	1.1	6.9	70.2	21.8
Chinaberry	0.7	20.4	63.3	15.6
Mountain Laurel, Texas	0.9	0.0	31.3	67.8
Holly, Yaupon	0.9	0.9	28.3	69.8
Arborvitae, Oriental	0.0	1.0	39.8	59.2
American elm	1.0	16.7	65.6	16.7
Redbud, Texas	6.5	4.3	48.9	40.2
American sycamore	2.4	10.8	50.6	36.1
Eastern red cedar	1.3	16.3	60.0	22.5
Mesquite	1.3	25.3	70.9	2.5
Tallowtree	1.4	14.1	76.1	8.5
Chinkapin oak	0.0	4.3	30.0	65.7
Shumard oak	0.0	1.4	52.2	46.4
Callery pear	0.0	2.9	30.4	66.7
Citywide total	0.8	7.5	54.6	37.1

Land Use of Public Trees by Zone (%)

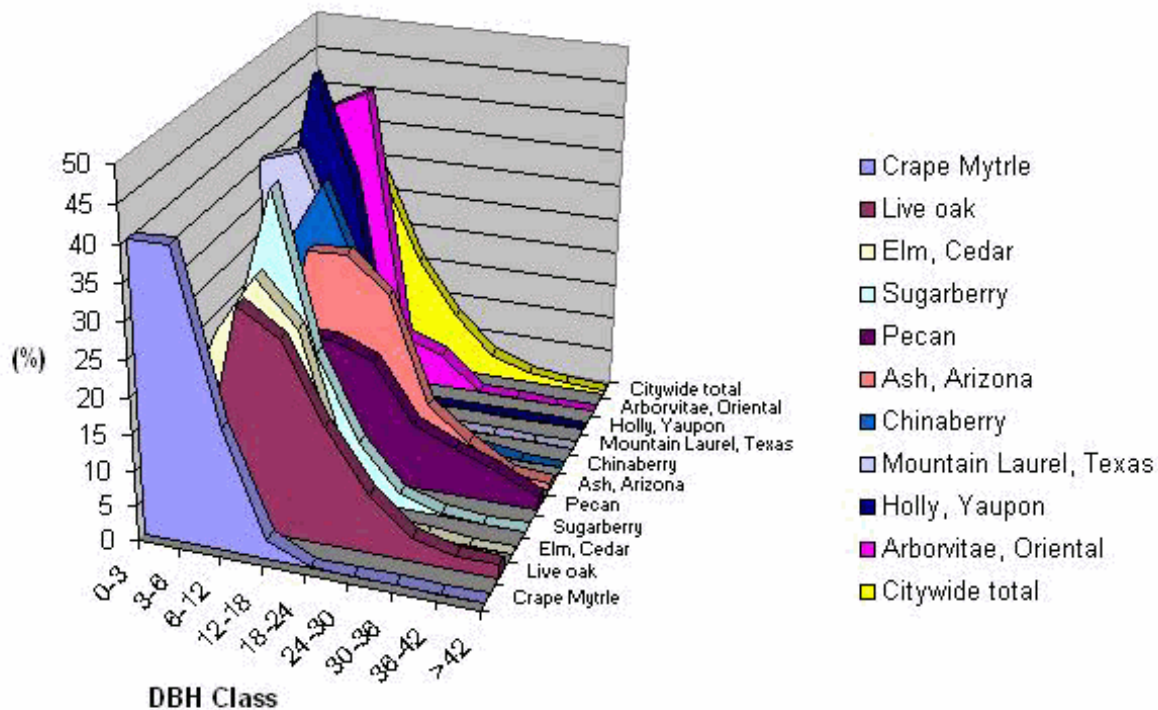
9/12/2008



Zone	Single family residential	Multi-family residential	Industrial/ Large commercial	Park/vacant/ other	Small commercial
1	54.3	5.9	13.3	15.8	10.6
Citywide total	54.3	5.9	13.3	15.8	10.6

Relative Age Distribution of Top 10 Public Tree Species (%)

9/12/2008

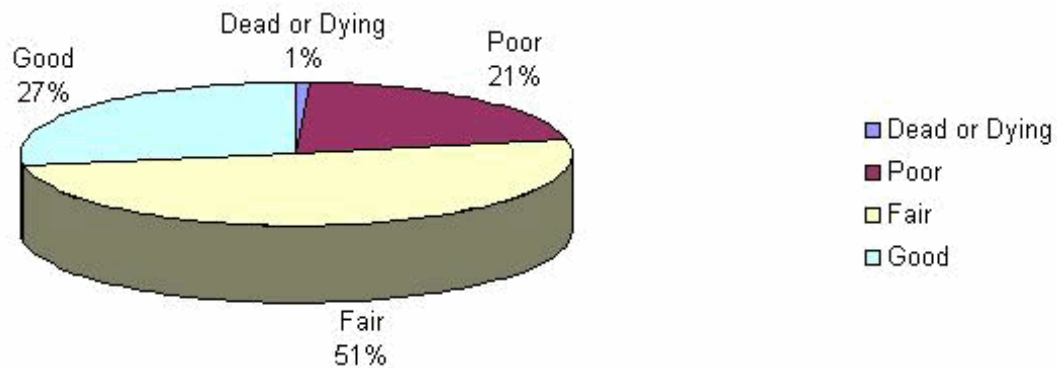


Species	DBH class (in)								
	0-3	3-6	6-12	12-18	18-24	24-30	30-36	36-42	>42
Crape Myrtle	40.00	40.16	16.90	2.71	0.08	0.08	0.08	0.00	0.00
Live oak	3.94	6.20	30.81	27.26	16.54	8.17	3.35	1.87	1.87
Elm, Cedar	10.15	23.92	32.19	25.99	6.88	0.52	0.34	0.00	0.00
Sugarberry	5.62	21.92	41.67	20.11	8.33	1.99	0.36	0.00	0.00
Pecan	2.11	20.07	19.01	19.37	17.25	9.15	6.69	4.58	1.76
Ash, Arizona	0.38	2.29	28.63	29.01	24.05	9.16	4.58	1.15	0.76
Chinaberry	6.76	25.68	35.81	22.30	8.78	0.00	0.68	0.00	0.00
Mountain Laurel, Texas	35.65	37.39	24.35	1.74	0.87	0.00	0.00	0.00	0.00
Holly, Yaupon	21.70	46.23	32.08	0.00	0.00	0.00	0.00	0.00	0.00
Arborvitae, Oriental	5.83	39.81	42.72	6.80	4.85	0.00	0.00	0.00	0.00
Citywide total	16.31	24.36	28.94	16.14	8.56	3.13	1.42	0.68	0.46

Structural (Woody) Condition of Public Trees by Species (%)

9/12/2008

Citywide total



Species	Dead or Dying	Poor	Fair	Good
Crape Myrtle	0.1	5.0	51.1	43.8
Live oak	0.4	24.5	53.7	21.4
Elm, Cedar	1.2	15.7	65.1	18.1
Sugarberry	1.3	40.8	54.2	3.8
Pecan	0.0	28.3	49.5	22.3
Ash, Arizona	1.1	27.5	67.2	4.2
Chinaberry	0.7	41.5	51.0	6.8
Mountain Laurel, Texas	0.9	6.1	34.8	58.3
Holly, Yaupon	0.9	3.8	38.7	56.6
Arborvitae, Oriental	0.0	5.8	35.9	58.3
American elm	1.0	46.9	44.8	7.3
Redbud, Texas	6.5	16.3	52.2	25.0
American sycamore	2.4	30.1	41.0	26.5
Eastern red cedar	1.3	36.3	56.3	6.3
Mesquite	1.3	59.5	36.7	2.5
Tallowtree	1.4	42.3	53.5	2.8
Chinkapin oak	0.0	4.3	31.4	64.3
Shumard oak	0.0	8.7	55.1	36.2
Callery pear	0.0	26.1	30.4	43.5
Citywide total	0.8	21.2	50.6	27.4

Austin

Relative Performance Index for Public Trees

9/12/2008

Species	Dead or Dying	Poor	Fair	Good	RPI	# of Trees	% of Total Population
Crape Myrtle	0.1	3.4	48.3	48.2	1.13	31,095	19.98
Live oak	0.4	16.2	53.5	29.8	0.98	24,490	15.73
Elm, Cedar	1.2	10.8	67.2	20.8	0.96	14,005	9.00
Sugarberry	1.3	27.4	65.3	6.0	0.81	13,306	8.55
Pecan	0.0	19.4	53.5	27.0	0.96	6,822	4.38
Ash, Arizona	1.1	17.2	68.7	13.0	0.89	6,315	4.06
Chinaberry	0.7	31.0	57.1	11.2	0.83	3,543	2.28
Mountain Laurel, Texas	0.9	6.1	33.0	63.0	1.19	2,772	1.78
Holly, Yaupon	0.9	2.4	33.5	63.2	1.20	2,555	1.64
Arborvitae, Oriental	0.0	3.4	37.9	58.7	1.18	2,483	1.60
American elm	1.0	31.8	55.2	12.0	0.82	2,314	1.49
Redbud, Texas	6.5	10.3	50.5	32.6	0.97	2,218	1.42
American sycamore	2.4	20.5	45.8	31.3	0.95	2,001	1.29
Eastern red cedar	1.3	26.3	58.1	14.4	0.86	1,928	1.24
Mesquite	1.3	42.4	53.8	2.5	0.73	1,904	1.22
Tallowtree	1.4	28.2	64.8	5.6	0.81	1,711	1.10
Chinkapin oak	0.0	4.3	30.7	65.0	1.20	1,687	1.08
Shumard oak	0.0	5.1	53.6	41.3	1.09	1,663	1.07
Callery pear	0.0	14.5	30.4	55.1	1.11	1,663	1.07
Boxelder	0.0	32.8	49.2	18.0	0.86	1,543	0.99
Eastern redbud	0.0	13.6	59.8	26.5	0.98	1,422	0.91
Post oak	1.8	20.0	64.5	13.6	0.88	1,326	0.85
Juniper, Ashe	0.0	26.9	72.2	1.9	0.80	1,302	0.84
Northern red oak	0.0	15.7	52.8	31.5	1.00	1,302	0.84
Oak, Mexican White	0.0	2.0	6.0	93.0	1.35	1,205	0.77
Northern hackberry	3.3	25.6	70.0	2.2	0.78	1,085	0.70
Oak, Texas Red	0.0	8.9	38.9	52.2	1.12	1,085	0.70
Plum, Mexican	0.0	11.8	34.2	53.9	1.12	916	0.59
Common pear	0.0	11.1	58.3	36.1	1.07	868	0.56
Mulberry, White	0.0	31.8	37.9	30.3	0.92	795	0.51
Tree of heaven	6.3	26.6	50.0	17.2	0.82	771	0.50
Juniper, Chinese	6.3	14.1	39.1	40.6	0.99	771	0.50
Southern magnolia	0.0	8.3	20.0	71.7	1.22	723	0.46
Bur oak	0.0	0.0	41.7	58.3	1.19	723	0.46
Cypress, Italian	3.4	0.0	12.1	84.5	1.28	699	0.45
Mexican fan palm	0.0	6.9	24.1	72.4	1.24	699	0.45
Pine, Afghan	7.4	11.1	31.5	50.0	1.04	651	0.42
Palm, Mexican	0.0	0.0	21.2	78.8	1.29	627	0.40
Mimosa	4.2	27.1	62.5	8.3	0.82	579	0.37
Gum Bumelia	0.0	18.2	63.6	27.3	1.01	530	0.34
Sycamore, Mexican	0.0	14.3	31.0	61.9	1.18	506	0.33
Eastern cottonwood	0.0	20.0	72.5	7.5	0.87	482	0.31
Chinese elm	0.0	42.1	36.8	42.1	1.02	458	0.29
Desert Willow	0.0	11.8	70.6	23.5	1.01	410	0.26
Chaste tree	0.0	23.5	73.5	5.9	0.83	410	0.26
Baldcypress	0.0	0.0	37.5	62.5	1.21	386	0.25
Jerusalem-Thorn	0.0	40.0	76.7	6.7	0.85	362	0.23
Pine, Japanese Black	0.0	23.1	69.2	19.2	0.96	313	0.20
Maple, Bigtooth	8.3	20.8	62.5	16.7	0.79	289	0.19
Walnut Spp.	0.0	8.3	70.8	20.8	0.98	289	0.19
White oak	0.0	41.7	41.7	16.7	0.81	289	0.19
Mexican Buckeye	0.0	16.7	50.0	41.7	1.08	289	0.19
California palm	0.0	0.0	8.3	95.8	1.37	289	0.19
Ash, Texas	0.0	45.5	72.7	9.1	0.84	265	0.17
Cherry plum	0.0	50.0	31.8	36.4	0.78	265	0.17

Relative Performance Index for Public Trees

9/12/2008

Species	Dead or Dying	Poor	Fair	Good	RPI	# of Trees	% of Total Population
Madrone, Texas	0.0	18.2	63.6	54.5	1.01	265	0.17
Black locust	10.0	15.0	55.0	20.0	0.85	241	0.15
Sumac, Smooth	0.0	66.7	11.1	27.8	0.75	217	0.14
Northern catalpa	0.0	37.5	43.8	18.8	0.84	193	0.12
Swamp white oak	0.0	25.0	75.0	0.0	0.81	193	0.12
Paper mulberry	0.0	42.9	35.7	85.7	1.02	169	0.11
Loquat, Bronze	0.0	28.6	64.3	42.9	0.96	169	0.11
Black willow	0.0	71.4	28.6	71.4	0.92	169	0.11
Japanese tree lilac	0.0	14.3	57.1	71.4	1.06	169	0.11
Sawtooth oak	0.0	0.0	0.0	100.0	1.39	169	0.11
Chinese parasol tree	0.0	25.0	58.3	16.7	0.89	145	0.09
Green ash	0.0	33.3	16.7	58.3	1.04	145	0.09
Rose-of-sharon	0.0	0.0	66.7	33.3	1.08	145	0.09
Chinese Flame-Tree	0.0	0.0	83.3	16.7	1.00	145	0.09
Sweetgum	0.0	0.0	100.0	0.0	0.92	145	0.09
Chinese pistache	0.0	16.7	50.0	41.7	1.08	145	0.09
Mulberry, Red	0.0	0.0	100.0	0.0	0.92	121	0.08
Catalpa, Southern	0.0	30.0	70.0	0.0	0.79	121	0.08
Palm, European Fan	0.0	0.0	20.0	80.0	1.29	121	0.08
Loblolly pine	0.0	40.0	60.0	40.0	0.93	121	0.08
Carolina laurelcherry	0.0	20.0	50.0	30.0	0.97	121	0.08
Oak, Lacey	0.0	0.0	0.0	100.0	1.39	121	0.08
Acacia, Sweet	0.0	25.0	50.0	25.0	0.92	96	0.06
Loquat, Japanese	0.0	0.0	0.0	100.0	1.39	96	0.06
Pomegranate	0.0	0.0	0.0	100.0	1.39	96	0.06
Northern white cedar	0.0	0.0	25.0	75.0	1.27	96	0.06
Palm, Windmill	0.0	25.0	50.0	62.5	1.16	96	0.06
Acacia, Spp.	0.0	0.0	33.3	66.7	1.23	72	0.05
Apple	0.0	0.0	0.0	100.0	1.39	72	0.05
Mulberry Spp.	0.0	66.7	66.7	0.0	0.77	72	0.05
Redbay	0.0	0.0	66.7	33.3	1.07	72	0.05
Peach	33.3	0.0	0.0	66.7	0.93	72	0.05
Scarlet oak	0.0	33.3	33.3	66.7	1.16	72	0.05
Willow oak	0.0	0.0	0.0	100.0	1.39	72	0.05
Sumac, Smooth	0.0	33.3	50.0	66.7	1.00	72	0.05
Corkscrew willow	0.0	0.0	66.7	33.3	1.07	72	0.05
Eve's Necklace	0.0	0.0	0.0	100.0	1.39	72	0.05
Mountain-ash, Northern	0.0	33.3	83.3	0.0	0.85	72	0.05
Bamboo	0.0	0.0	0.0	100.0	1.39	48	0.03
Palm, Pindo	0.0	50.0	0.0	50.0	0.92	48	0.03
Deodar cedar	0.0	0.0	50.0	75.0	1.27	48	0.03
Sawara false cypress	0.0	0.0	0.0	100.0	1.39	48	0.03
Persimmon, Japanese	0.0	0.0	0.0	100.0	1.39	48	0.03
Ash, Mexican	0.0	0.0	50.0	75.0	1.27	48	0.03
Australian Willow	0.0	50.0	75.0	0.0	0.81	48	0.03
Honeylocust	0.0	0.0	100.0	0.0	0.92	48	0.03
Oleander	0.0	0.0	100.0	0.0	0.92	48	0.03
Pine Spp.	0.0	0.0	0.0	100.0	1.39	48	0.03
Pine Spp.	0.0	100.0	100.0	0.0	0.69	48	0.03
Cherry, Spp.	0.0	0.0	100.0	0.0	0.92	48	0.03
Oak, Spp.	0.0	50.0	75.0	0.0	0.81	48	0.03
Pin oak	0.0	50.0	50.0	50.0	1.04	48	0.03
Red maple	0.0	100.0	0.0	0.0	0.46	24	0.02
Silver maple	0.0	0.0	100.0	0.0	0.92	24	0.02
Acacia, Spp.	0.0	0.0	0.0	100.0	1.38	24	0.02
Mulberry, Red	0.0	100.0	0.0	0.0	0.46	24	0.02
Falsecypress	0.0	0.0	100.0	100.0	1.15	24	0.02
Kapok	0.0	100.0	100.0	0.0	0.69	24	0.02

Relative Performance Index for Public Trees

9/12/2008

Species	Dead or Dying	Poor	Fair	Good	RPI	# of Trees	% of Total Population
Orange	0.0	0.0	100.0	0.0	0.92	24	0.02
Palm, Old Man	0.0	0.0	100.0	0.0	0.92	24	0.02
Smoke tree	0.0	0.0	0.0	100.0	1.38	24	0.02
Kousa dogwood	0.0	0.0	0.0	100.0	1.38	24	0.02
Persimmon, Texas	0.0	100.0	100.0	0.0	0.69	24	0.02
Common persimmon	0.0	0.0	100.0	100.0	1.15	24	0.02
Anacua	0.0	100.0	0.0	0.0	0.46	24	0.02
Eucalyptus, Spp.	0.0	0.0	100.0	100.0	1.15	24	0.02
Eucalyptus, Spp.	0.0	0.0	100.0	0.0	0.92	24	0.02
American holly	0.0	0.0	0.0	100.0	1.38	24	0.02
Goldenrain tree	0.0	0.0	100.0	0.0	0.92	24	0.02
Primrose Tree	0.0	0.0	0.0	100.0	1.38	24	0.02
Chinese magnolia; Saucer	0.0	0.0	100.0	0.0	0.92	24	0.02
Banana	0.0	0.0	0.0	100.0	1.38	24	0.02
Red-Tip Phontinia	0.0	100.0	0.0	100.0	0.92	24	0.02
Pine Spp.	0.0	100.0	0.0	0.0	0.46	24	0.02
Austrian pine	0.0	0.0	100.0	0.0	0.92	24	0.02
Pine Spp.	0.0	0.0	100.0	100.0	1.15	24	0.02
London planetree	0.0	0.0	0.0	100.0	1.38	24	0.02
Plum, Mexican	0.0	100.0	100.0	0.0	0.69	24	0.02
Black cherry	0.0	100.0	100.0	0.0	0.69	24	0.02
Oak, Spp.	0.0	0.0	0.0	100.0	1.38	24	0.02
Wisconsin weeping willow	0.0	0.0	100.0	100.0	1.15	24	0.02
Palm, Queen	0.0	0.0	0.0	100.0	1.38	24	0.02
Tamarind	0.0	0.0	100.0	0.0	0.92	24	0.02
Western red cedar	0.0	0.0	100.0	0.0	0.92	24	0.02
Linden, Spp.	0.0	0.0	100.0	0.0	0.92	24	0.02
Linden, Spp.	0.0	0.0	100.0	0.0	0.92	24	0.02
Citywide total	0.8	21.2	50.6	27.4	1.00	155,642	100.05