Minnesota Tree Care

Advocate 2014 Annual Report

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Minnesota Tree Care Advocate

Minnesota Tree Care Advocate is an organization of University of Minnesota trained volunteers throughout the state all dedicated to community forestry and is currently comprised of two community forestry programs including Tree Care Advisor and Citizen Pruner. Minnesota Tree Care Advocate works to educate members of the community about their urban forest so that they in turn can volunteer in their neighborhoods and community.

Minnesota Tree Care Advisors

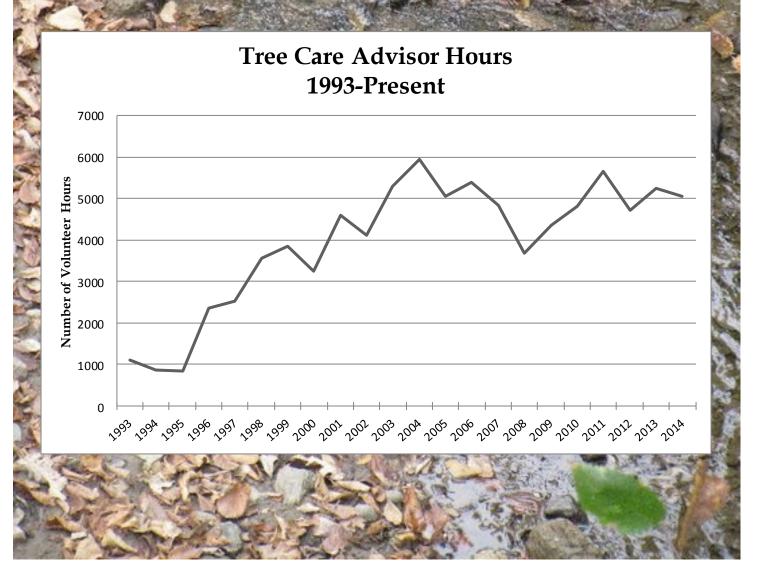
The Minnesota Tree Care Advisor program, founded in 1993, aids in the development of environmental stewards through education and promoting volunteerism. TCA Volunteers provide communities throughout the state with a valuable pool of educated stewards to support and enhance our urban and community forests.

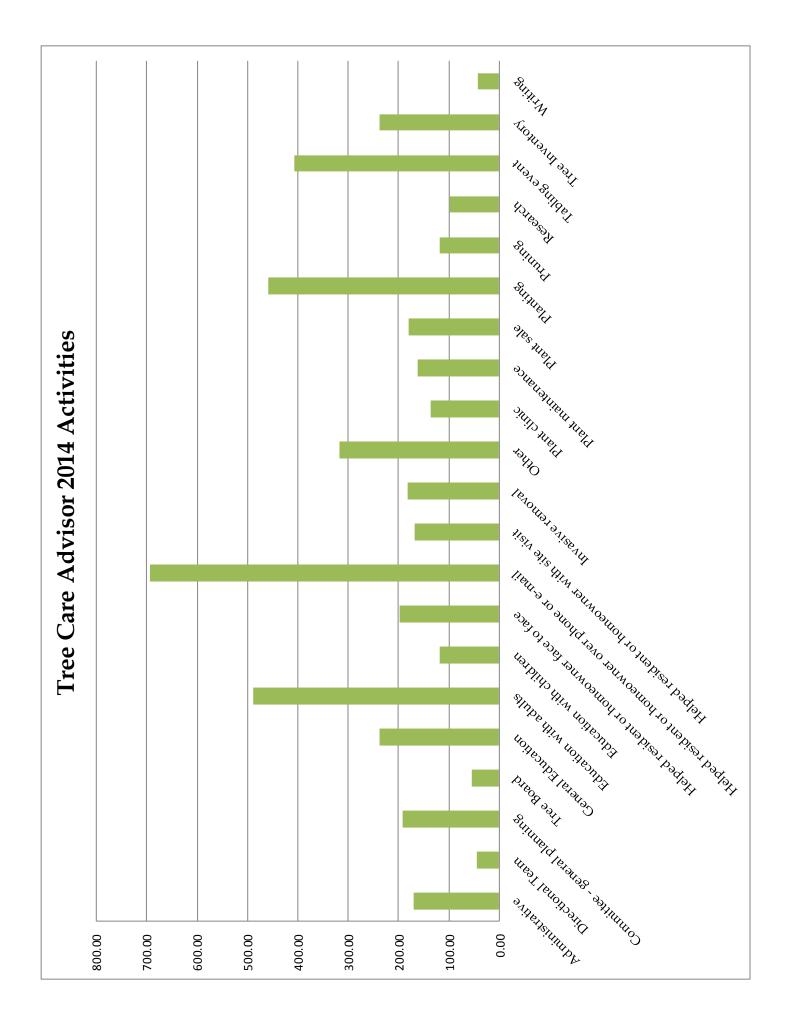
Quick Facts about TCAs

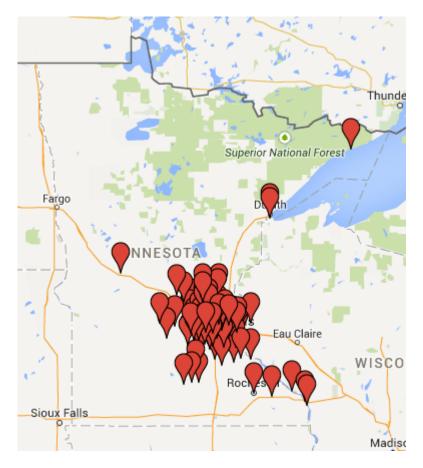
- The average active TCA volunteered 47.83 hours in 2014.
- In 2014 the average active TCA spent 11.35 hours on update training.

Minnesota Tree Care Advisor

Over 450 volunteers have walked through the doors of the TCA program since 1993. These volunteers, up to the end of 2014, have put in a total of 86,869.53 volunteer hours. They volunteer for their state, their county, their city and for non-profits who need them. In 2014 alone TCAs volunteered 5053.65 hours.







Communities where Tree Care Advisors Volunteer

Afton	Alexandria	Andover	Anoka	Apple Valley	Arden Hills	Bayport
Big Lake	Blaine	Bloomington	Brooklyn Center	Brooklyn Park	Buffalo	Burnsville
Cambridge	Cannon Falls	Champlin	Chanhassen	Chaska	Clear Lake	Cokato
Columbia Height	s	Corcoran	Crystal	Delano	Dresbach	Duluth
Eagan	Eden Prairie	Elk River	Elko	Elysian	Excelsior	Farmington
Fridley	Golden Valley	Grand Marais	Ham Lake	Hanover	Hastings	Hutchinson
Inver Grove Heights		Isanti	Jordan	La Crescent	Lake Elmo	Lakeville
Le Center	Lino Lakes	Litchfield	Loretto	Madison Lake	Mahtomedi	Mankato
Maple Grove	Maplewood	Mendota Heights	Minneapolis	Minnetonka	Mound	New Brighton
New Hope	New Richmond	Northfield	Norwood Young	America	Nowthen	Oakdale
Ostego	Plymouth	Princeton	Prior Lake	Ramsey	Red Wing	Richfield
Rochester	Rosemount	Roseville	Savage	Shakopee	Shoreview	Spring Lake Park
St. Charles	St. Cloud	St. Louis Park	St. Paul	Stillwater	Superior, WI	Victoria
Waconia	Watertown	Wayzata	Welch	West Lakeland	West St. Paul	White Bear Lake
Winona	Woodbury	Zimmerman				

Year	Total Hours	Hourly Rate *\$ per hour	Value to MN in \$
1993	1110	\$12.35	\$13,708.50
1994	861.5	\$12.68	\$10,923.82
1995	847.5	\$13.05	\$11,059.88
1996	2368.5	\$13.47	\$31,903.70
1997	2539.35	\$13.99	\$35,525.51
1998	3559.25	\$14.56	\$51,822.68
1999	3858.2	\$15.09	\$58,220.24
2000	3247.5	\$15.68	\$50,920.80
2001	4608	\$16.27	\$74,972.16
2002	4120.95	\$16.74	\$68,984.70
2003	5288.65	\$17.19	\$90,911.89
2004	5949.8	\$17.55	\$104,418.99
2005	5065.45	\$18.04	\$91,380.72
2006	5381.85	\$18.77	\$101,017.32
2007	4840.55	\$19.51	\$94,439.13
2008	3688.85	\$20.25	\$74,699.21
2009	4352.85	\$20.90	\$90,974.57
2010	4813.35	\$20.90	\$100,599.02
2011	5653.5	\$21.79	\$123,189.77
2012	4722.6	\$22.14	\$104,558.36
2013	5256.43	\$24.31	\$127,783.81
2014	5053.65	\$24.31	\$122,854.23

TCA Financial Contribution from 1993 to 2014

*Hourly rates as reported by <u>www.independentsector.org</u>.

Money Talks: Measuring Volunteers in Dollars

The group, Independent Sector, has calculated an hourly dollar rate for volunteer contributions. This rate has not been updated since 2013, but it still demonstrates the magnitude that volunteers contribute. The hourly rate for 2013 is carried forward in table below to 2014. Based on 2013 figures, the amount per hour is \$24.31, resulting in \$1,634,869 for the volunteer work done by TCAs from 1993-2014. This is money the state, counties, cities and non-profits are saving.



Minnesota Citizen Pruners

The Citizen Pruner program aids in increasing local capacity by working with municipalities and engaging citizens in community forestry. Citizen Pruners are trained in tree identification, biology, and pruning techniques. Minnesota Citizen Pruner is currently in Ely, St. Paul, Sherburne County, Shakopee and Rochester.

Minnesota Citizen Pruners

Citizen Pruners are needed now more than ever. As municipal budgets continue to be cut, the aid from citizens becomes increasingly more important to communities. Citizen Pruners are able to manage small branches near the ground while tree care professionals can focus on larger branches higher in the tree canopies. Completing this ground work is vital for clearing sight lines and blocked sidewalks.



		Total trees pruned
		Suckers removed
	Sprouts removed	
	Ely, MN	Deadwood removed
		Branches with included bark removed
	The second second second	Co-dominant leaders removed or supressed
Ely, MN has <mark>a to</mark> tal of 10 ac <mark>tive</mark> volunteers.		Crossing branches removed
		Other branches removed
		Total branches removed
		Mulch volcanos fixed
Service The The Service		Total volunteer hours

Rochester, MN

Rochester, MN has a total of 13 active volunteers.

Total trees pruned	118
Suckers removed	1841
Sprouts removed	2358
Deadwood removed	21
Total branches removed	4220
Mulch volcanos fixed	15
Total volunteer hours	34.75

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Shakopee, MN

Shakopee, MN has a total of 6 active volunteers.

Total trees prune	145
Suckers removed	130
Sprouts removed	343
Deadwood removed	294
Branches with included bark removed	3
Co-dominant leaders removed or suppressed	59
Crossing branches removed	976
Other branches removed	2240
Total branches removed	4045
Mulch volcanos fixed	51
Tree stem protection systems removed	3
Total volunteer hours	55

Sherburne County, MN

Sherburne County's involved cities include Becker, Big Lake, Elk River and Princeton. Sherburne Country has a total of 26 active volunteers.

Total trees pruned	430
Suckers removed	1313
Sprouts removed	4967 🧭
Deadwood removed	945
Branches with included bark removed	7
Co-dominant leaders removed or suppressed	13
Crossing branches removed	141
Other branches removed	3.
Total branches removed	7389
Mulch volcanos fixed	39
Tree stem protection systems removed	80
Total volunteer hours	127.3

St. Paul, MN

St. Paul, MN has a total of 14 active volunteers.

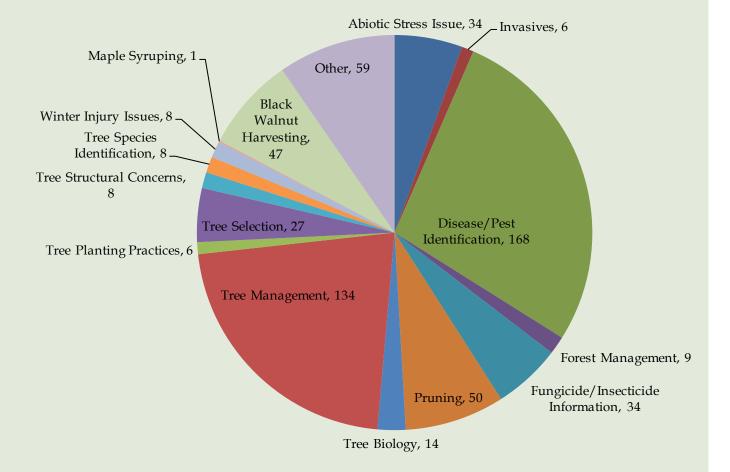
Total trees pruned	214
Suckers removed	4655
Sprouts removed	4413
Deadwood removed	72
Crown raising removed	538
Total branches removed	9678
Mulch volcanos fixed	8
Total hours	86.05
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Minnesota Citizen Pruners in 2014 pruned 928 trees for their communities.

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	Total trees pruned	928	
	Suckers removed	7955	
	Sprouts removed	12083	
	Deadwood removed	1592	
	Included branches removed	10	
	Co-dominant leaders removed or suppressed	95	
	Crossing branches removed	1127	- I
	Branches removed for crown raising	538	
	Other branches removed	2270	
	Total branches removed	25670	
	Mulch volcanos corrected	134	<u>A</u>
	Tree stem protection removed	83	
	Total volunteer hours submitted	321.6	

Forest Resources Outreach Line

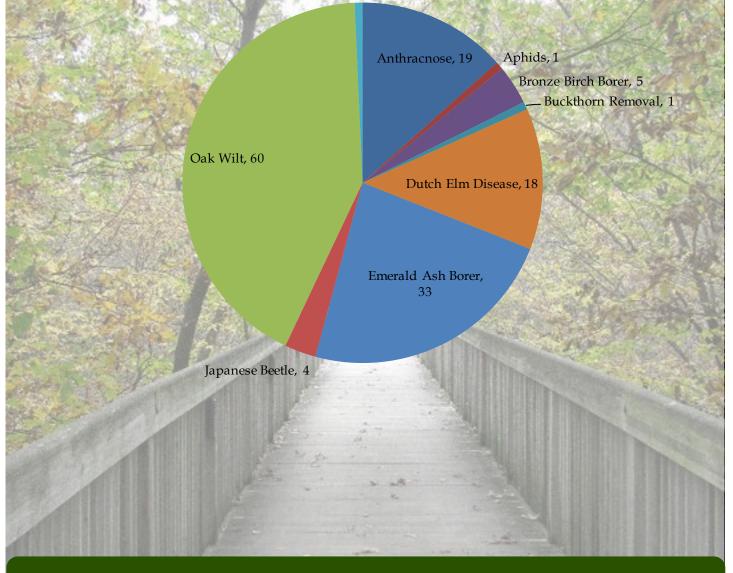
Forest Resources Outreach Line has been staffed by Tree Care Advisor Volunteers since 2013. In 2014 the Forest Resources Line was staffed by Karen Potter, Doug Stucki, Janet Erdman, Janice Gestner, Joan Onffroy, and Mary Magers. In total these volunteers responded to 613 phone calls and e-mails.



Forest Resources Outreach Line Question Topics

Forest Resources Outreach Line specific disease, insect or invasive discussed

Two Lined Chestnut Borer, 1



In 2014, TCA's volunteering for the Forest Resources Outreach Line recommended hiring a Certified Arborist.





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