

# Wildlife Damage Abatement and Claims Program 2014

By Brad Koele and Noah Balgooyen

## **Introduction**

Each year the Wisconsin Department of Natural Resources (WDNR), through the Wildlife Damage Abatement and Claims Program (WDACP), provides damage prevention assistance and partial compensation to agricultural producers when wild deer, elk, bear, cougar, geese and turkeys damage their agricultural crops. The program covers damage to crops and commercial seedlings grown on agricultural land, crops that have been harvested for sale or further use but have not been removed from the agricultural land, orchard trees, nursery stock, apiaries, and livestock.

Wisconsin has had a wildlife damage program since 1931. The basic structure of today's WDACP was created in 1983 by the state legislature in response to concerns from the agricultural community, with input from farmers, hunters, landowners, and wildlife damage specialists. In 2014, seventy of the seventy-two counties in Wisconsin participated in the WDACP, with Kenosha and Menominee counties declining to participate.

## **Methods**

Abatement assistance and claims appraisal investigations for the WDACP are conducted in accordance with State Statute 29.889 and Wisconsin Administrative Code NR 12, using methods documented in the WDACP Technical Manual (a copy of this manual can be obtained by writing to: Wildlife Damage Specialist, Bureau of Wildlife Management, Wisconsin Department of Natural Resources, PO Box 7921, Madison, WI 53707-7921). County government is responsible for local implementation of the program. Fifty-one counties subcontracted "On farm" services to the U.S. Department of Agriculture - Animal and Plant Health Inspection Service - Wildlife Services (USDA-APHIS-WS) in 2014. The remaining nineteen counties employ a county damage technician or contract with an independent damage technician.

## **Results**

### ***Damage and Abatement: All Eligible Species Combined***

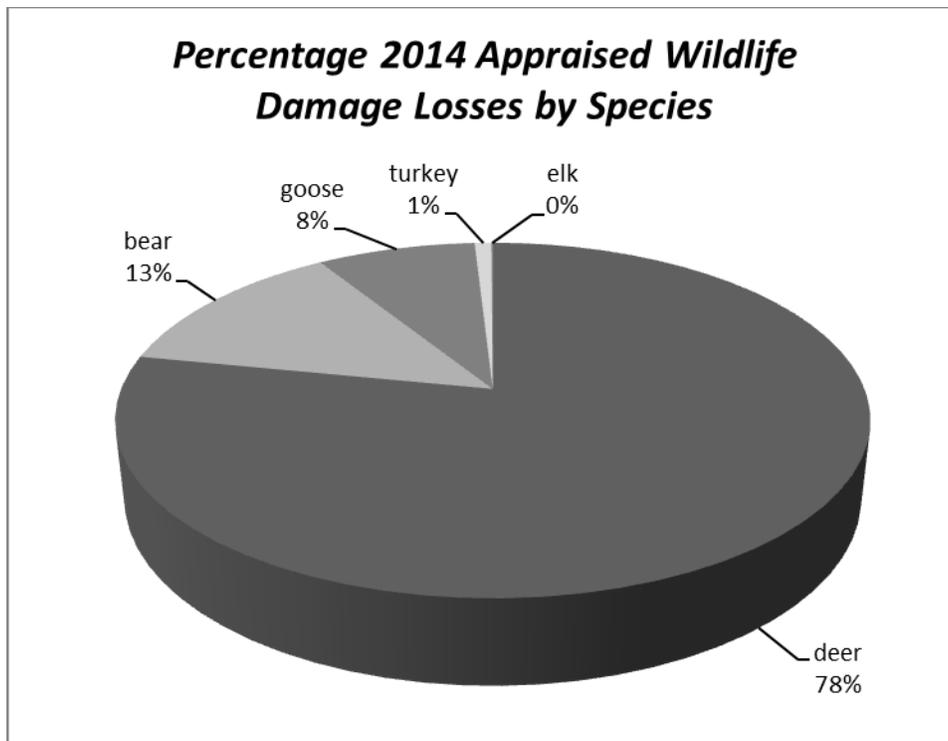
In 2014, one thousand and ninety-two landowners voluntarily enrolled in the WDACP requesting damage abatement assistance on 250,589 acres of land. This was a decrease from 2013 when 1,123 landowners enrolled 255,357 acres. The counties with the highest number of enrollees include Marathon (77 enrollees), Vernon (67 enrollees, and Polk (46 enrollees) Counties.

Two hundred and ninety-two wildlife damage claims were submitted in 2014, with appraised losses totaling \$1,157,476 (Table 1). Of the claims submitted, WDNR paid \$854,882 on 260 wildlife damage claims. Payment was denied on 32 claims either due to failure to meet program requirements, or because the value of appraised damage did not exceed the \$500 claim deductible. The number of claims filed in 2014 (292 claims) decreased from the number of claims submitted in 2013 (348 claims). Assessed damages also decreased from 2013 to 2014, from \$2,113,633 to \$1,157,476. In 2014, 50,082 acres were appraised with 4,030 acres damaged by wildlife compared to 53,201 acres appraised with 6,010 acres damaged in 2013. The amount of compensation paid to farmers decreased from 2013 (\$1,394,577) to 2014 (\$854,882).

Wildlife damage claims were filed in 53 of the 70 counties enrolled in the program in 2014 (Table 1). On average, four claims were filed (range 0 - 31) and \$16,535 in damage was appraised (range \$0 - \$104,604) in each county enrolled in the program. Sawyer, Marinette, and Polk Counties all had appraised losses from wildlife damage of greater than \$90,000, and Marinette, Outagamie, and Grant Counties had the most acreage damaged by wildlife (>300 acres each). Assessed damages in 2014 increased from 2013 levels in 18 counties, decreased in 42 counties, and were unchanged in 10 counties. The largest increases in assessed damage occurred in Waukesha (\$18,357), Brown (\$13,378) and Marquette (\$7,508) counties. The largest decreases in assessed damage occurred in Marinette (\$294,867 decrease), Crawford (\$161,391 decrease), and Sawyer (\$64,685 decrease) counties. The largest numbers of claims were filed in Marinette (31), Polk (27), and Outagamie (15) Counties. The number of claims filed increased in 15 counties. Brown, Buffalo, Dane, Dunn, Oconto, Richland, Sheboygan, and Wood counties saw the biggest increases in the number of claims filed, each increasing by two claims each, from 2013 to 2014. The number of claims decreased in 31 counties, with the largest decrease coming in Dodge County where nine fewer claims were submitted in 2014 than in 2013. There was no change in the number of claims submitted in 24 counties.

State administration costs for WDACP participant counties totaled \$1,025,088 in 2014. In addition to state expenditures on WDACP administration, an additional \$236,654 in administration costs was contributed by the federal government, USDA-APHIS-WS.

State abatement costs for the program totaled \$303,795 in 2014. Of that total, \$147,075 was spent for permanent fences, \$84,110 for temporary fences, \$57,011 for bear trapping, \$6,046 for repellents, and \$9,553 for all other abatement.



**Figure 1.** Percent of statewide appraised wildlife damage losses recorded in 2014.

### ***Deer Damage and Abatement***

In 2014, seven hundred and forty-five crop owners enrolled in the program for deer damage abatement assistance. This is a slight decrease from the 754 enrollees in 2013. Appraised deer damage totaled \$903,902 in 2014, a 48.6 percent decrease from the previous year and 78.1 percent of the program's total appraised damages (Figure 1). Appraised losses from deer damage were highest in Marinette (\$99,680), Marathon (\$71,964), and Marquette (\$69,410) Counties (Table 1). Statewide, the primary crop damaged by deer was corn (appraised loss \$419,590), followed by soybeans (appraised loss \$197,354) and forage crops (\$82,106); (Table 4, Figure 4).

The most common form of abatement for deer damage is the issuance of deer shooting permits. In 2014 the Department issued 617 agricultural damage deer shooting permits across the state under which 3,457 deer were removed (see Agricultural Deer Damage Shooting Permits, 2014). Harvest on individual deer shooting permits ranged from 0 – 113 deer. The harvest on deer damage shooting permits totaled approximately 1.1 percent of the statewide deer harvest in 2014. Deer harvest on deer damage shooting permits in 2014 ranged from 0 – 3.0 percent of the total deer harvest on an individual deer management unit basis. In 2014, 1,993 different hunters registered deer that were removed on agricultural damage deer shooting permits.

The structure of the deer management units (DMU's) were changed in 2014, and DMU's are now designated by county and tribal reservation boundaries. The state has additionally been divided into four new Deer Management Zones: the Northern Forest zone, the Central Forest zone, the Central Farmland zone, and the Southern Farmland zone (Figure 3). Appraised losses from deer damage in 2014 were highest in the Central Farmland zone (\$617,187); (Table 3).

In cases where there is a history of deer damaging high-value crops such as cranberries, orchards, and tree nurseries, the Department may enter into a 15-year agreement with the crop owner for the construction of an eight foot, high tensile, woven wire fence to prevent damages. The WDACP pays for 75 percent and the crop owner pays for the remaining 25 percent of fence materials and installation costs. In 2014 the Department gave approvals for the construction of eight permanent fences in seven counties. Projected program costs for the fences totaled \$121,190; (Table 7).

### ***Bear Damage and Abatement***

In 2014, two hundred and seventy-two agricultural producers enrolled for bear damage abatement assistance. This was a decrease from the 296 producers who enrolled in 2013. Bear damage represented 12.9 percent of the total appraised damages in 2014 totaling \$149,810 (Figure 1). Appraised bear damage decreased 28.8 percent from 2013 (\$210,386). Appraised damage losses from bear were highest in Sawyer (\$53,552), Polk (\$32,991), and Rusk Counties (\$32,863), with damage occurring primarily to corn (Table 6, Figure 5).

Trapping and relocation is the primary abatement method for bear damage. USDA-APHIS-WIS provided assistance to the Department in trapping and relocating 264 bears that were damaging crops, apiaries or threatening livestock. This was down from the 286 bears that were trapped and relocated in 2013. The Department issues shooting permits for bear in situations where trapping and relocation is not effective or conditions for trapping are not conducive. In 2014, twenty-five agricultural damage bear shooting permits were issued with at least 48 bears removed under the shooting permits.

### ***Turkey Damage and Abatement***

One hundred and eight agricultural producers enrolled in the WDACP for damage abatement assistance for turkey damage in 2014. The number of enrollees is down one from 2013 when 109 producers enrolled for turkey damage abatement assistance. Appraised turkey damage in 2013 totaled \$9,753, an 18.9 percent decrease from the previous year's damages of \$12,022, and 0.8 percent of the program's total appraised damages for 2014 (Figure 1). Turkey damage appraisals were conducted in nine counties and were highest in Kewaunee County, totaling \$2,846 (Table 1).

The most common abatement method used for preventing turkey damage is the use of temporary barrier fencing. In situations where non-lethal techniques do not achieve the desired results, shooting permits are utilized to decrease conflicts. In 2014, fifty-two turkey shooting permits were issued with 121 turkeys being removed under the shooting permits. Marathon County typically experiences the most problems with turkeys, mainly from damage to ginseng. Nineteen turkey shooting permits were issued with 73 turkeys removed in Marathon County in 2014.

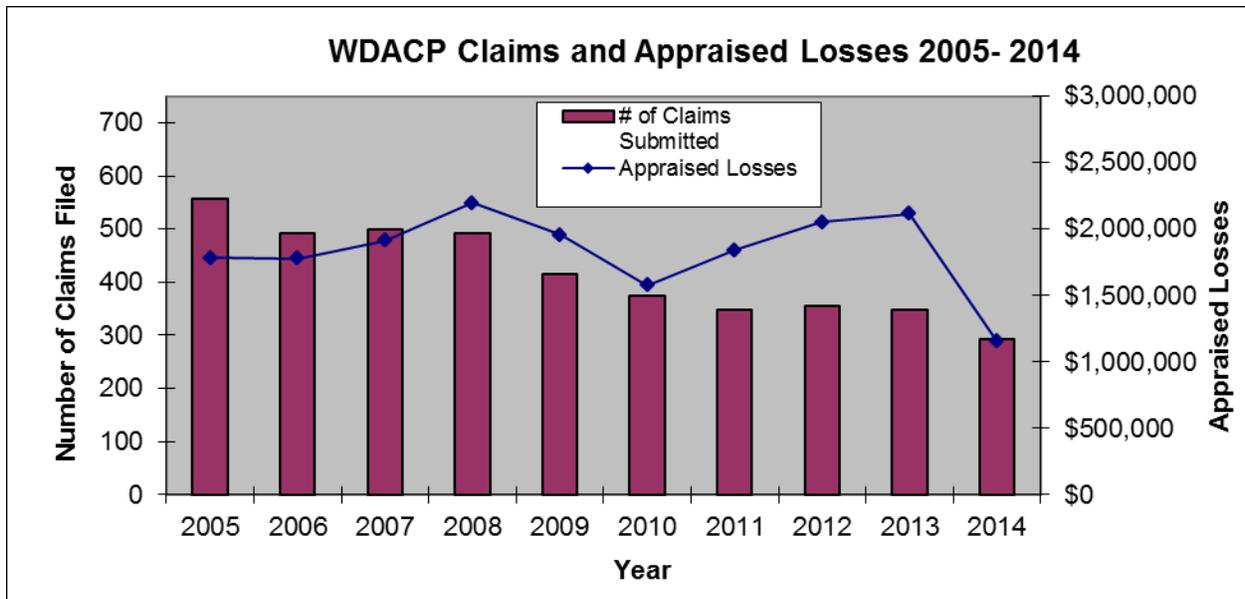
### ***Goose Damage and Abatement***

One hundred and twenty-six agricultural producers enrolled in the WDACP for goose damage abatement assistance in 2014, down from 149 enrollees in 2013. Appraised goose damage totaled \$93,118 in 2014 which represented 8.0 percent of the program's total appraised damages (Figure 1). Appraised goose damage decreased by 28.8 percent from 2013 when appraised damages totaled \$130,724. Appraised losses from geese were highest in Brown County (\$44,293) in 2014.

The primary abatement method implemented for goose damage is the use of pyrotechnics and other harassment techniques. In addition to these abatement methods, in 2010 the Department implemented the U.S. Fish and Wildlife Services Agriculture Depredation Order which allows the Department to issue Canada goose shooting permits during the spring, valid May 1 – August 31, to reduce agricultural damages from geese. In the fifth year of the Department issuing spring goose shooting permits, 66 spring agricultural damage shooting permits were issued on which 338 geese were removed. The Department also has the authority to issue Canada goose shooting permits in the Horicon Canada Goose Hunting Zone during the state goose hunting season. No permits were issued in the Horicon Zone in 2014.

### ***Elk Damage and Abatement***

Elk have been an eligible species under the WDACP since 2003; however, 2013 marked the first year in which elk damages were appraised. Two producers enrolled in the WDACP for elk damage abatement assistance in 2014. Appraised elk damage totaled \$893 in 2014 which represented less than 0.1 percent of the program's total appraised damages (Figure 1). Appraised elk damage decreased by 25.7 percent from 2013 when appraised damages totaled \$1,202. Damages due to elk were only appraised in Ashland County.



**Figure 2.** Trends in the number of wildlife damage claims filed and appraised losses in the WDACP, 2005-2014. Data source: WDACP database.

### **Deer Donation Program**

Statute 29.89 authorizes the use of WDACP funds for the processing of venison into burger and subsequent distribution and donation to local food pantries. The county must be enrolled in the WDACP to be eligible to receive funds for venison processing. Wisconsin hunters once again demonstrated their generosity by donating 1,622 deer in 2014. This equates to approximately 73,000 pounds of ground venison going to food pantries and needy families across the state. Fifty-seven of the 70 counties enrolled in the WDACP participated, as well as 115 state-licensed venison processors. The venison processors were paid \$65 per deer that were either harvested within the CWD zone or harvested outside the CWD zone and tested for CWD, and \$55 per deer for deer harvested outside of the CWD zone that were not tested for CWD. The venison was ground and packaged into one or two pound packages. Hundreds of food pantry volunteers distributed the venison to their pantries at no cost to the program. Hunters donated the most deer in Dane (118), Marinette (76), and Buffalo (72) Counties; (Table 8). The cost of the program in 2014 was \$103,656. Ninety-percent, \$93,135, of program costs were for venison processing fees and the remaining 10 percent, \$10,521, went towards administration and advertising costs.

**Table 1. WDACP 2014 Wildlife Damage Claims Characteristics by County.** Data source: WDACP Database.

County	# of claims filed	Assessed Damage	Eligible Claims	Average Claim	Acres Appraised	Acres Damaged	Deer Damage	Bear Damage	Turkey Damage	Goose Damage
Adams	5	\$14,755	\$12,255	\$2,951	771	69	\$14,755	\$0	\$0	\$0
Ashland	5	\$4,904	\$3,249	\$981	696	12	\$0	\$4,011	\$0	\$0
Barron	4	\$11,270	\$9,270	\$2,818	2,393	35	\$5,153	\$6,117	\$0	\$0
Bayfield	5	\$3,352	\$1,622	\$670	512	16	\$0	\$3,352	\$0	\$0
Brown	11	\$70,827	\$53,672	\$6,439	782	255	\$26,333	\$0	\$201	\$44,293
Buffalo	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Burnett	3	\$2,900	\$1,493	\$967	307	53	\$2,900	\$0	\$0	\$0
Calumet	2	\$7,148	\$5,945	\$3,574	573	65	\$6,551	\$0	\$0	\$597
Chippewa	2	\$4,576	\$3,576	\$2,288	17	7	\$0	\$1,280	\$0	\$3,296
Clark	3	\$6,173	\$4,673	\$2,058	262	27	\$6,173	\$0	\$0	\$0
Columbia	6	\$28,426	\$24,649	\$4,738	1,352	67	\$28,426	\$0	\$0	\$0
Crawford	2	\$12,234	\$10,902	\$6,117	209	14	\$12,234	\$0	\$0	\$0
Dane	5	\$8,024	\$5,699	\$1,605	326	18	\$6,555	\$0	\$0	\$1,468
Dodge	5	\$11,228	\$8,688	\$2,246	553	18	\$7,716	\$0	\$200	\$3,312
Door	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Douglas	1	\$1,280	\$780	\$1,280	1	1	\$0	\$1,280	\$0	\$0
Dunn	3	\$12,277	\$10,365	\$4,092	14	13	\$12,081	\$196	\$0	\$0
Eau Claire	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Florence	2	\$5,103	\$4,103	\$2,552	492	47	\$3,831	\$1,272	\$0	\$0
Fond du Lac	1	\$4,104	\$3,604	\$4,104	408	13	\$4,104	\$0	\$0	\$0
Forest	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Grant	9	\$64,907	\$43,472	\$7,212	1,860	324	\$63,919	\$988	\$0	\$0
Green	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Green Lake	7	\$62,537	\$49,021	\$8,934	1,505	184	\$62,537	\$0	\$0	\$0
Iowa	3	\$11,007	\$9,163	\$3,669	892	60	\$11,007	\$0	\$0	\$0
Iron	1	\$1,610	\$1,240	\$1,610	565	4	\$0	\$1,610	\$0	\$0
Jackson	1	\$4,149	\$3,649	\$4,149	381	17	\$4,149	\$0	\$0	\$0
Jefferson	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Juneau	1	\$1,126	\$626	\$1,126	15	4	\$1,126	\$0	\$0	\$0
Kenosha				NOT	IN	PROGRAM				
Kewaunee	4	\$8,767	\$6,870	\$2,192	110	25	\$1,100	\$0	\$2,846	\$4,821
La Crosse	1	\$2,768	\$2,268	\$2,768	84	11	\$2,768	\$0	\$0	\$0
Lafayette	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Langlade	1	\$769	\$269	\$769	62	2	\$0	\$769	\$0	\$0
Lincoln	2	\$2,875	\$2,130	\$1,438	458	18	\$2,875	\$0	\$0	\$0
Manitowoc	4	\$24,251	\$20,989	\$6,063	267	70	\$19,751	\$0	\$1,756	\$2,744

County	# of claims filed	Assessed Damage	Eligible Claims	Average Claim	Acres Appraised	Acres Damaged	Deer Damage	Bear Damage	Turkey Damage	Goose Damage
Marathon	13	\$73,472	\$60,034	\$5,652	4,078	250	\$71,964	\$0	\$0	\$1,508
Marinette	31	\$100,513	\$81,762	\$3,242	9,531	578	\$99,680	\$548	\$285	\$0
Marquette	6	\$69,410	\$50,027	\$11,568	1,102	138	\$69,410	\$0	\$0	\$0
Menominee				NOT	IN	PROGRAM				
Milwaukee	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Monroe	4	\$22,091	\$12,587	\$5,523	206	14	\$22,091	\$0	\$0	\$0
Oconto	2	\$64	\$24	\$32	52	1	\$64	\$0	\$0	\$0
Oneida	1	\$558	\$58	\$558	40	5	\$558	\$0	\$0	\$0
Outagamie	15	\$69,226	\$58,862	\$4,615	1,452	397	\$67,021	\$0	\$1,441	\$764
Ozaukee	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Pepin	1	\$5,929	\$5,343	\$5,929	1	1	\$5,929	\$0	\$0	\$0
Pierce	1	\$1,589	\$1,089	\$1,589	6	6	\$1,589	\$0	\$0	\$0
Polk	27	\$91,112	\$69,691	\$3,375	3,313	166	\$52,664	\$32,991	\$1,238	\$4,218
Portage	8	\$16,719	\$13,192	\$2,090	860	103	\$16,719	\$0	\$0	\$0
Price	4	\$7,141	\$5,194	\$1,785	278	26	\$2,952	\$4,190	\$0	\$0
Racine	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Richland	7	\$23,738	\$20,220	\$3,391	697	98	\$20,536	\$0	\$1,613	\$1,590
Rock	1	\$1,082	\$582	\$1,082	22	3	\$0	\$0	\$0	\$1,082
Rusk	10	\$35,184	\$28,984	\$3,518	2,496	100	\$2,321	\$32,863	\$0	\$0
Saint Croix	3	\$7,486	\$5,986	\$2,495	437	27	\$7,486	\$0	\$0	\$0
Sauk	2	\$2,531	\$1,531	\$1,266	151	5	\$2,531	\$0	\$0	\$0
Sawyer	14	\$104,604	\$65,490	\$7,472	4,109	158	\$31,537	\$53,552	\$0	\$19,514
Shawano	3	\$7,290	\$5,790	\$2,430	106	33	\$7,290	\$0	\$0	\$0
Sheboygan	2	\$2,601	\$1,601	\$1,301	39	7	\$0	\$0	\$0	\$2,601
Taylor	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Trempealeau	4	\$10,800	\$8,834	\$2,700	471	40	\$10,800	\$0	\$0	\$0
Vernon	5	\$12,304	\$9,823	\$2,461	340	21	\$12,304	\$0	\$0	\$0
Vilas	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Walworth	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Washburn	3	\$5,729	\$4,229	\$1,910	344	21	\$938	\$4,791	\$0	\$0
Washington	4	\$11,789	\$9,394	\$2,947	714	44	\$11,599	\$0	\$175	\$15
Waukesha	0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0
Waupaca	1	\$19,008	\$10,000	\$19,008	38	10	\$19,008	\$0	\$0	\$0
Waushara	7	\$23,310	\$19,802	\$3,330	930	105	\$23,310	\$0	\$0	\$0
Winnebago	6	\$12,735	\$9,840	\$2,123	522	79	\$11,442	\$0	\$0	\$1,293
Wood	8	\$26,117	\$17,403	\$3,265	1,881	151	\$26,117	\$0	\$0	\$0
<b>Totals:</b>	<b>292</b>	<b>\$1,157,476</b>	<b>\$881,612</b>	<b>\$196,061</b>	<b>50,082</b>	<b>4,030</b>	<b>\$903,902</b>	<b>\$149,810</b>	<b>\$9,753</b>	<b>\$93,118</b>

**Table 2. WDACP Claims Filed and Appraised Damage Losses by County, 2010 – 2014.**

County	2014		2013		2012		2011		2010	
	# of Claims	Assessed Damage								
Adams	5	\$14,755	4	\$16,469	4	\$20,524	4	\$18,885	5	\$17,947
Ashland	5	\$4,904	6	\$7,596	7	\$19,153	4	\$11,776	5	\$10,452
Barron	4	\$11,270	8	\$15,177	8	\$14,598	7	\$19,234	6	\$15,141
Bayfield	5	\$3,352	8	\$10,589	9	\$39,725	10	\$21,978	5	\$13,258
Brown	11	\$70,827	9	\$57,449	11	\$71,268	10	\$83,640	9	\$50,028
Buffalo	0	\$0	1	\$2,538	1	\$2,216	0	\$0	1	\$1,038
Burnett	3	\$2,900	7	\$11,039	11	\$26,064	9	\$22,146	11	\$24,320
Calumet	2	\$7,148	3	\$12,080	2	\$17,072	1	\$10,075	2	\$5,709
Chippewa	2	\$4,576	0	\$0	0	\$0	3	\$26,011	1	\$1,511
Clark	3	\$6,173	6	\$44,343	5	\$22,905	5	\$16,518	3	\$8,016
Columbia	6	\$28,426	9	\$49,083	8	\$46,660	7	\$36,046	9	\$29,199
Crawford	2	\$12,234	6	\$173,625	2	\$32,251	2	\$16,980	6	\$45,063
Dane	5	\$8,024	3	\$9,714	5	\$13,650	4	\$23,854	7	\$30,168
Dodge	5	\$11,228	14	\$68,181	13	\$41,463	9	\$46,593	14	\$38,651
Door	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Douglas	1	\$1,280	0	\$0	2	\$2,899	3	\$2,680	2	\$1,576
Dunn	3	\$12,277	1	\$12,544	0	\$0	0	\$0	0	\$0
Eau Claire	0	\$0	1	\$705	1	\$792	4	\$41,367	4	\$5,727
Florence	2	\$5,103	2	\$4,302	2	\$3,273	4	\$3,145	3	\$4,832
Fond du Lac	1	\$4,104	4	\$15,381	4	\$8,935	6	\$24,349	9	\$28,256
Forest	0	\$0	1	\$605	0	\$0	1	\$140	0	\$0
Grant	9	\$64,907	11	\$99,701	10	\$138,705	11	\$117,588	18	\$145,465
Green	0	\$0	0	\$0	0	\$0		\$0	0	\$0
Green Lake	7	\$62,537	8	\$78,431	7	\$66,831	7	\$74,602	7	\$67,407
Iowa	3	\$11,007	4	\$16,907	6	\$24,353	4	\$18,393	6	\$30,693
Iron	1	\$1,610	1	\$1,479	1	\$6,819	1	\$6,329	1	\$9,406
Jackson	1	\$4,149	2	\$13,685	2	\$15,819	2	\$12,318	5	\$14,262
Jefferson	0	\$0	0	\$0	1	\$934	2	\$3,630	0	\$0
Juneau	1	\$1,126	1	\$9,657	1	\$1,423	0	\$0	1	\$883
Kenosha	NOT	IN PROGRAM								
Kewaunee	4	\$8,767	5	\$21,932	4	\$5,134	3	\$5,016	2	\$4,498
La Crosse	1	\$2,768	1	\$3,535	1	\$3,715	1	\$2,457	1	\$2,039
Lafayette	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Langlade	1	\$769	0	\$0	2	\$18,839	4	\$3,957	3	\$4,647
Lincoln	2	\$2,875	2	\$2,127	2	\$2,756	2	\$3,340	0	\$0
Manitowoc	4	\$24,251	7	\$36,835	4	\$12,637	4	\$19,865	4	\$8,739

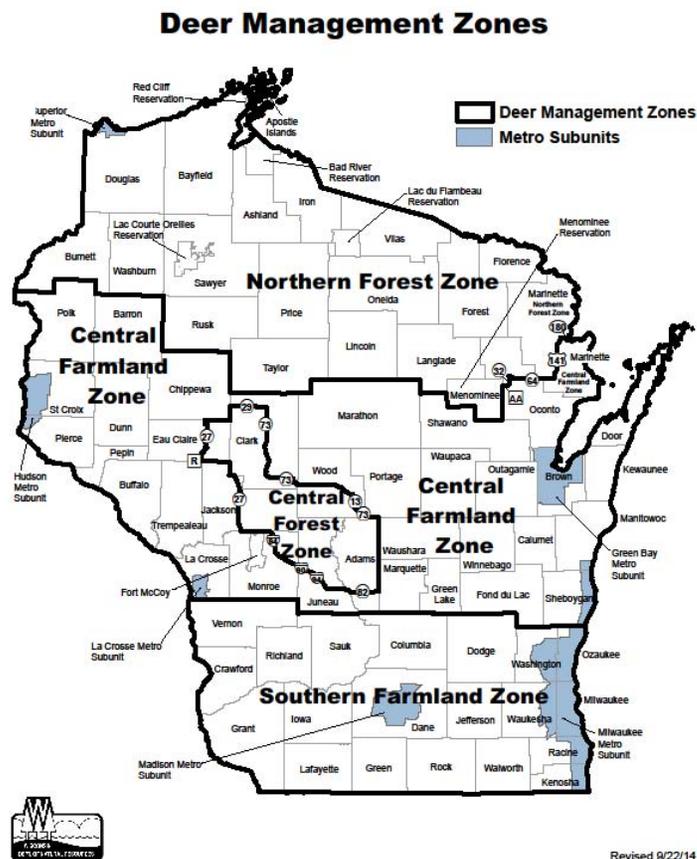
County	2014		2013		2012		2011		2010	
	# of Claims	Assessed Damage								
Marathon	13	\$73,472	14	\$91,004	14	\$101,609	13	\$120,134	13	\$69,775
Marinette	31	\$100,513	37	\$395,379	38	\$283,010	33	\$232,476	40	\$193,918
Marquette	6	\$69,410	6	\$61,902	7	\$60,076	7	\$92,229	9	\$96,668
Menominee	NOT	IN PROGRAM								
Milwaukee	0	\$0	0	\$0	0	\$0	1	\$3,476	0	\$0
Monroe	4	\$22,091	4	\$51,153	2	\$2,552	2	\$6,947	2	\$4,394
Oconto	2	\$64	0	\$0	2	\$4,316	1	\$1,520	0	\$0
Oneida	1	\$558	0	\$0	0	\$0	0	\$0	0	\$0
Outagamie	15	\$69,226	17	\$107,103	20	\$143,165	23	\$142,151	22	\$79,596
Ozaukee	0	\$0	0	\$0	3	\$11,663	0	\$0	0	\$0
Pepin	1	\$5,929	0	\$0	0	\$0	0	\$0	0	\$0
Pierce	1	\$1,589	1	\$591	0	\$0	2	\$4,823	1	\$489
Polk	27	\$91,112	31	\$122,323	30	\$136,674	23	\$85,509	18	\$45,026
Portage	8	\$16,719	9	\$24,016	6	\$14,258	9	\$20,701	9	\$20,978
Price	4	\$7,141	4	\$14,570	7	\$18,939	6	\$14,181	6	\$9,199
Racine	0	\$0	1	\$567	0	\$0	1	\$42,932	0	\$0
Richland	7	\$23,738	5	\$18,526	8	\$47,242	8	\$41,678	16	\$93,284
Rock	1	\$1,082	0	\$0	0	\$0	1	\$2,465	4	\$5,130
Rusk	10	\$35,184	11	\$44,171	8	\$48,980	11	\$51,225	9	\$51,556
Sauk	3	\$7,486	2	\$19,653	5	\$10,618	3	\$1,981	5	\$9,820
Sawyer	2	\$2,531	4	\$6,481	0	\$0	16	\$110,395	3	\$6,004
Shawano	14	\$104,604	21	\$169,289	19	\$273,724	2	\$4,424	16	\$137,082
Sheboygan	3	\$7,290	4	\$13,157	1	\$2,505	0	\$0	0	\$0
St. Croix	2	\$2,601	0	\$0	1	\$2,038	3	\$18,698	2	\$4,068
Taylor	0	\$0	1	\$130	2	\$5,235	4	\$11,547	1	\$2,423
Trempealeau	4	\$10,800	4	\$22,608	4	\$22,773	3	\$7,870	5	\$11,324
Vernon	5	\$12,304	5	\$37,079	3	\$16,773	3	\$5,697	5	\$12,512
Vilas	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Walworth	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Washburn	3	\$5,729	3	\$5,325	12	\$28,208	6	\$11,918	8	\$16,203
Washington	4	\$11,789	7	\$24,014	4	\$26,918	5	\$20,896	7	\$17,924
Waukesha	0	\$0	1	\$651	1	\$340	5	\$8,514	1	\$617
Waupaca	1	\$19,008	0	\$0	0	\$0	0	\$0	0	\$0
Waushara	7	\$23,310	9	\$41,785	9	\$33,319	9	\$42,441	10	\$34,177
Winnebago	6	\$12,735	6	\$24,346	8	\$38,746	6	\$27,799	7	\$24,445
Wood	8	\$26,117	6	\$22,101	6	\$35,483	7	\$13,330	6	\$12,075
<b>Total</b>	<b>292</b>	<b>\$1,157,476</b>	<b>348</b>	<b>\$2,113,633</b>	<b>356</b>	<b>\$2,050,575</b>	<b>347</b>	<b>\$1,840,868</b>	<b>375</b>	<b>\$1,577,617</b>

**Table 3.** 2014 WDACP claims of deer damage, appraised loss from deer damage, and appraised loss by crop from deer damage, per deer management zone. These zone designations are new for 2014, and along with the change to designating deer management units by county, replace the past DMU designations.

Deer Management Zone	No. of claims	Total Assessed Damage	Corn <sup>1</sup>	Soybeans	Forage <sup>2</sup>	Orchards & Nursery Stock	Fruits and Veggies	Small Grains <sup>3</sup>	Christmas trees	Other
Northern Forest Zone	22	\$66,488	\$18,076	\$9,982	\$7,873	\$0	\$861	\$16	\$0	\$29,680
Central Farmland Zone	144	\$617,187	\$298,173	\$148,747	\$53,245	\$29,618	\$5,955	\$4,277	\$48,427	\$28,745
Central Forest Zone	13	\$43,400	\$10,792	\$12,846	\$1,040	\$0	\$18,004	\$0	\$0	\$718
Southern Farmland Zone	44	\$176,827	\$92,549	\$25,779	\$19,948	\$13,583	\$20,684	\$2,803	\$0	\$1,480
<b>Totals:</b>	<b>223</b>	<b>\$903,902</b>	<b>\$419,590</b>	<b>\$197,354</b>	<b>\$82,106</b>	<b>\$43,201</b>	<b>\$45,504</b>	<b>\$7,096</b>	<b>\$48,427</b>	<b>\$60,623</b>

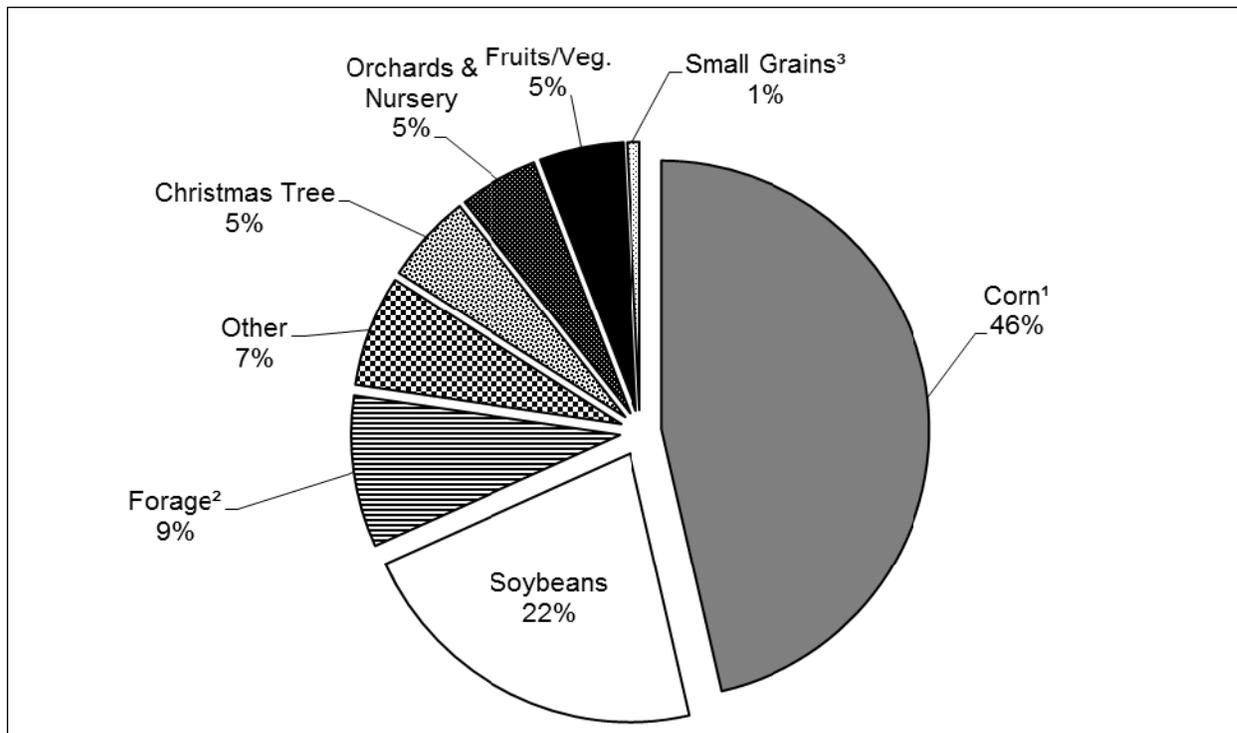
- <sup>1</sup> Corn includes corn grain, corn silage, sweet corn, and organic corn.
- <sup>2</sup> Forage includes alfalfa, alfalfa/grass, hay, and haylage
- <sup>3</sup> Small Grains includes oats and wheat.

**Figure 3.** Map of new Deer Management Zones, effective 2014.



**Table 4.** WDACP 2014 statewide deer damage crop appraisals summarized by crop category.

Crop	# of Claims	Appraised Damage	Acres Appraised	Acres Damaged
Corn <sup>1</sup>	180	\$419,590	16,449	1,089
Soybeans	117	\$197,354	8,054	863
Forage <sup>2</sup>	84	\$82,106	10,781	1,202
Other	13	\$60,624	393	70
Christmas Tree	3	\$48,427	96	19
Orchards & Nursery	6	\$43,201	184	21
Fruits/Veg.	17	\$45,505	1,329	31
Small Grains <sup>3</sup>	16	\$7,096	352	44
<b>Totals:</b>	<b>436</b>	<b>\$903,902</b>	<b>37,638</b>	<b>3,338</b>



**Figure 4.** Percent of statewide appraised deer damage losses recorded in the WDACP in 2014 by crop category.

<sup>1</sup> Corn includes corn grain, corn silage, sweet corn, and organic corn.

<sup>2</sup> Forage includes alfalfa, alfalfa/grass, grass, hay, and haylage

<sup>3</sup> Small Grains includes oats and wheat.

**Table 5.** 2014 WDACP claims of bear damage, appraised loss from bear damage, and appraised loss by crop from bear damage, per deer management zone. These zone designations are new for 2014, and along with the change to designating deer management units by county, replace the past DMU designations.

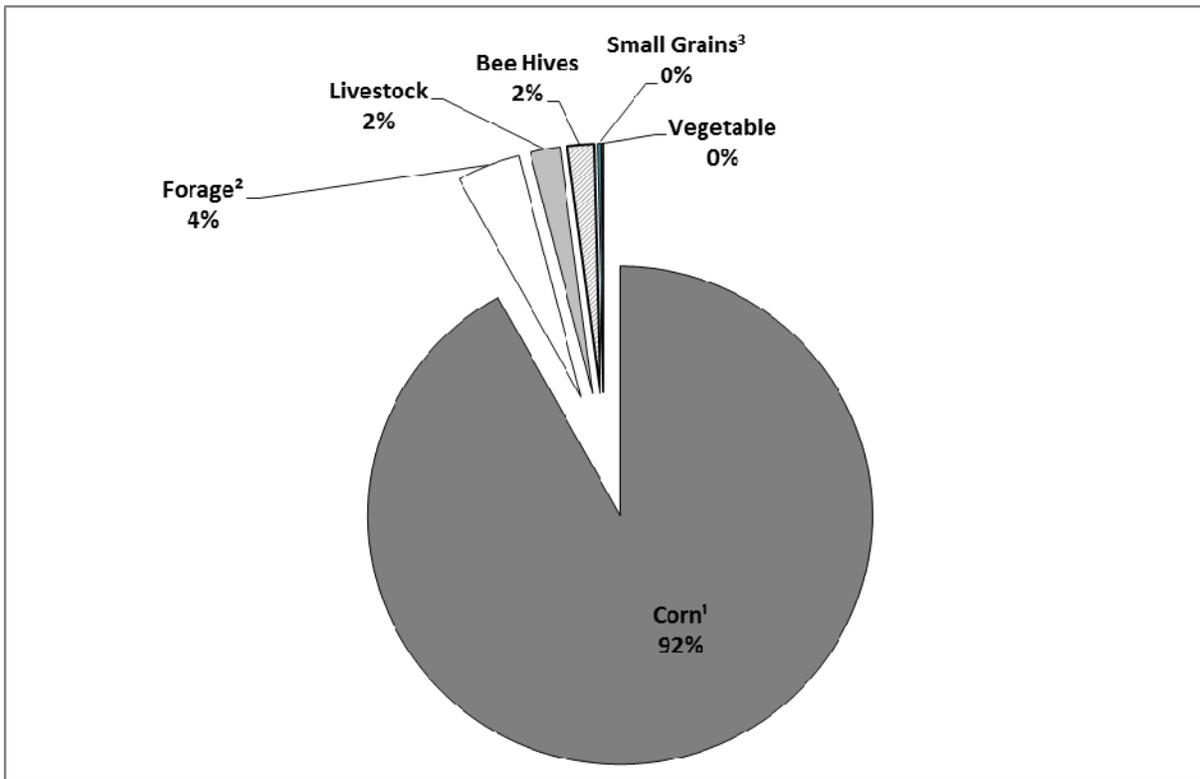
Deer Management Zone	No. of claims	Total Assessed Damage	Corn <sup>1</sup>	Forage <sup>2</sup>	Bee Hives	Livestock	Small Grains	Fruits and Veggies
Northern Forest Zone	41	\$108,237	\$98,793	\$4,822	\$1,327	\$2,855	\$441	\$0
Central Farmland Zone	22	\$40,585	\$38,959	\$1,280	\$196	\$0	\$0	\$150
Central Forest Zone	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Southern Farmland Zone	1	\$988	\$0	\$0	\$988	\$0	\$0	\$0
<b>Totals:</b>	<b>64</b>	<b>\$149,810</b>	<b>\$137,752</b>	<b>\$6,102</b>	<b>\$2,511</b>	<b>\$2,855</b>	<b>\$441</b>	<b>\$150</b>

<sup>1</sup> Corn includes corn grain, corn silage, sweet corn, and organic corn.

<sup>2</sup> Forage includes alfalfa, alfalfa/grass, grass, and haylage

**Table 6.** WDACP 2014 statewide bear damage crop appraisals summarized by crop category.

Crop	# of Claims	Appraised Damage	Acres Appraised	Acres Damaged
Corn <sup>1</sup>	61	\$137,752	11,201	313
Forage <sup>2</sup>	4	\$6,102	35	19
Livestock	2	\$2,855	2	2
Bee Hives	3	\$2,511	71	34
Small Grains <sup>3</sup>	1	\$441	22	8
Vegetable	1	\$150	1	1
<b>Total</b>	<b>72</b>	<b>\$149,810</b>	<b>11,332</b>	<b>376</b>



**Figure 5.** Percent of statewide appraised bear damage losses recorded in the WDACP in 2014 by crop category.

<sup>1</sup> Corn includes corn grain, corn silage, sweet corn, and organic corn.

<sup>2</sup> Forage includes alfalfa, alfalfa/grass, grass, hay, and haylage

<sup>3</sup> Small Grains includes oats and wheat.

**Table 7.** WDACP Approved Permanent Fence Projects in 2014.

County	Crop	Acres Protected	Total Projected Cost	Projected WDACP Cost
Marquette	Christmas Trees	40.8	\$25,884	\$19,413
Monroe	Apple/Apple Trees	16.0	\$16,280	\$12,210
Jackson	stored feed	2.0	\$7,890	\$5,918
Marinette	Frasier Fir	9.0	\$13,440	\$10,080
Shawano	Fruit and Vegetable	54.5	\$32,625	\$24,469
Polk	stored feed	2.3	\$8,904	\$6,678
Polk	Apple/Apple Trees	4.0	\$9,752	\$7,314
Crawford	Apple/Apple Trees	22.0	\$46,812	\$35,109
	<b>Totals:</b>	<b>150.6</b>	<b>\$161,587</b>	<b>\$121,190</b>

**Table 8.** Numbers of deer and pounds of venison donated through the Wisconsin Deer Donation program in 2014. Pounds of venison are estimated, assuming 45 lbs. of venison per deer donated.

County	# of Deer Donated	Pounds of Venison (approximate)
Adams	15	675
Ashland	3	135
Barron	57	2,565
Brown	11	495
Buffalo	72	3,240
Burnett	6	270
Calumet	27	1,215
Chippewa	19	855
Clark	2	90
Columbia	37	1,665
Crawford	21	945
Dane	118	5,310
Dodge	14	630
Door	24	1,080
Douglas	1	45
Dunn	39	1,755
Eau Claire	22	990
Fond du Lac	66	2,970
Forest	2	90
Grant	70	3,150
Green	26	1,170
Jackson	63	2,835
Jefferson	10	450
Juneau	39	1,755
Kewaunee	9	405
La Crosse	37	1,665
Lafayette	38	1,710
Langlade	4	180
Lincoln	3	135

County	# of Deer Donated	Pounds of Venison (approximate)
Manitowoc	7	315
Marathon	27	1,215
Marinette	76	3,420
Milwaukee	9	405
Monroe	21	945
Oconto	18	810
Oneida	4	180
Outagamie	58	2,610
Ozaukee	28	1,260
Pierce	54	2,430
Polk	26	1,170
Portage	62	2,790
Richland	9	405
Rusk	4	180
Sauk	4	180
Sawyer	12	540
Shawano	56	2,520
Sheboygan	16	720
St. Croix	64	2,880
Taylor	13	585
Trempealeau	18	810
Vernon	45	2,025
Vilas	4	180
Washington	16	720
Waupaca	52	2,340
Waushara	39	1,755
Winnebago	9	405
Wood	16	720
<b>Totals:</b>	<b>1,622</b>	<b>72,990</b>