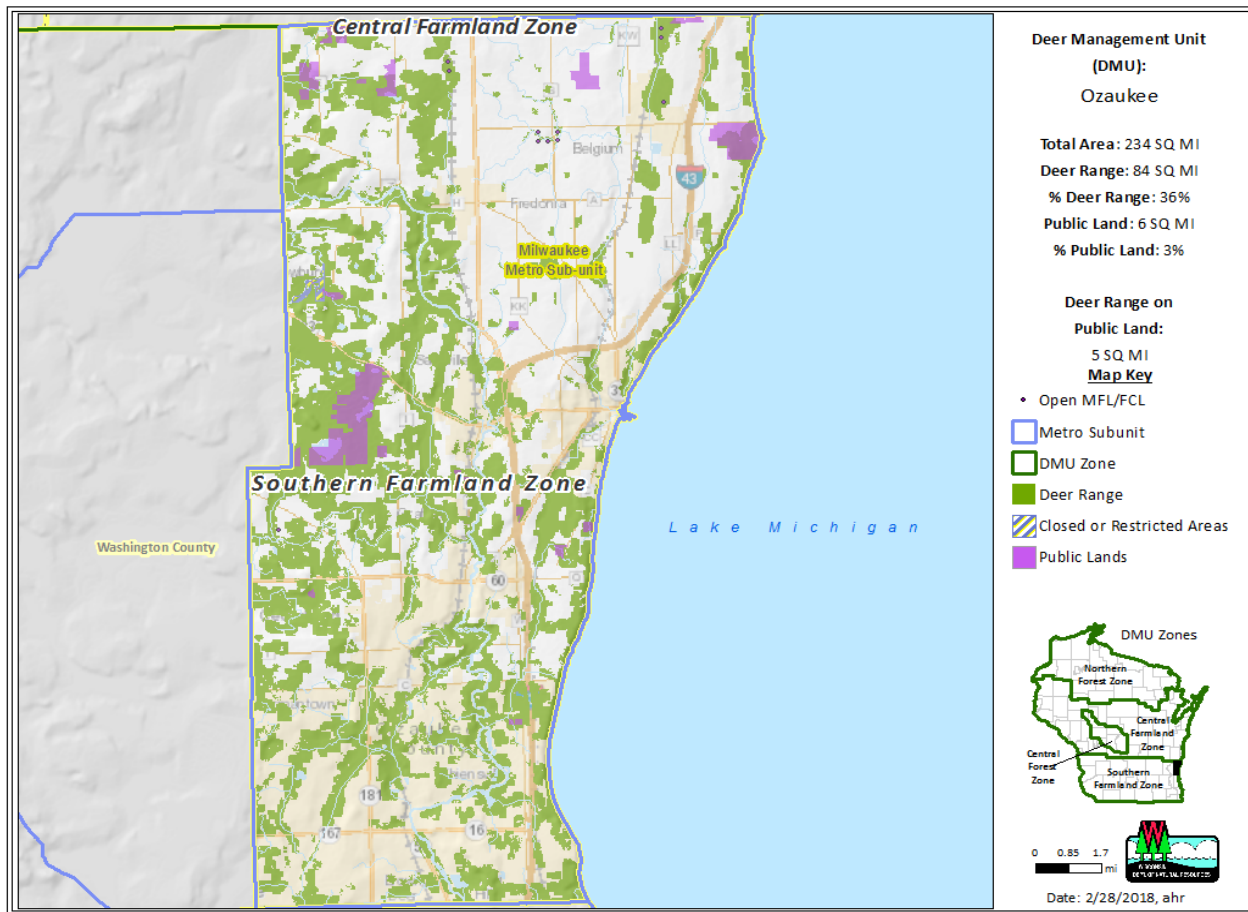


# Ozaukee County Deer Metrics Report

## Spring of 2024

### Management Unit:



### Manager's Note:

The Ozaukee County Deer Management Unit is located in the Southern Farmland Zone. Approximately 36% of the unit is considered suitable deer range (85 square miles). This unit is the second smallest Deer Management Unit in the state (234 square miles). More than half of the land area is within the municipal boundaries of cities (Mequon, Cedarburg and Port Washington) or villages (Grafton, Theinsville, Saukville, Fredonia and Belgium), with remaining land in farmland, residential and commercial development, county and city parks, nature centers, state or other natural areas and areas with fragmented or limited deer habitat. About 90 percent of the unit is within the Milwaukee Metro subunit which historically had been managed with a goal of keeping the deer population at a relatively low density to minimize deer-vehicle collisions and deer damage to crops, nurseries, native vegetation and ecological communities. Most deer harvest occurs on private land. About 4,200 acres (<3%) of the unit is public land and about 75% of that is open to some form of deer hunting. The largest public parcel is Cedarburg Bog. Other public lands include Milwaukee River Wildlife and Farming Heritage Area parcels, U.S. Fish & Wildlife Service Waterfowl Production Areas, Harrington Beach State Park, scattered state-owned habitat areas, Milwaukee Metropolitan Sewerage District parcels, certain Ozaukee/Washington Land Trust parcels, and other miscellaneous parcels. The unit's deer harvest has remained relatively consistent since the Metro subunit boundary was expanded in 2001, with bow and crossbow hunters accounting for one-third to half of the total deer harvest each year. Deer hunting pressure varies widely depending on the type of land ownership. The current CDAC deer herd management objective is to decrease the population.

## *Deer Management Unit Harvest History*

Fawn to doe ratios collected in late summer give information on fawn recruitment and survival and are used as an input into the formula for annual deer herd abundance estimation. Fawn to doe ratios were summarized using groups of county deer management units. County deer management units were grouped based on location, habitat characteristics, and deer demography.

### **Southern Farmland Management Zone**

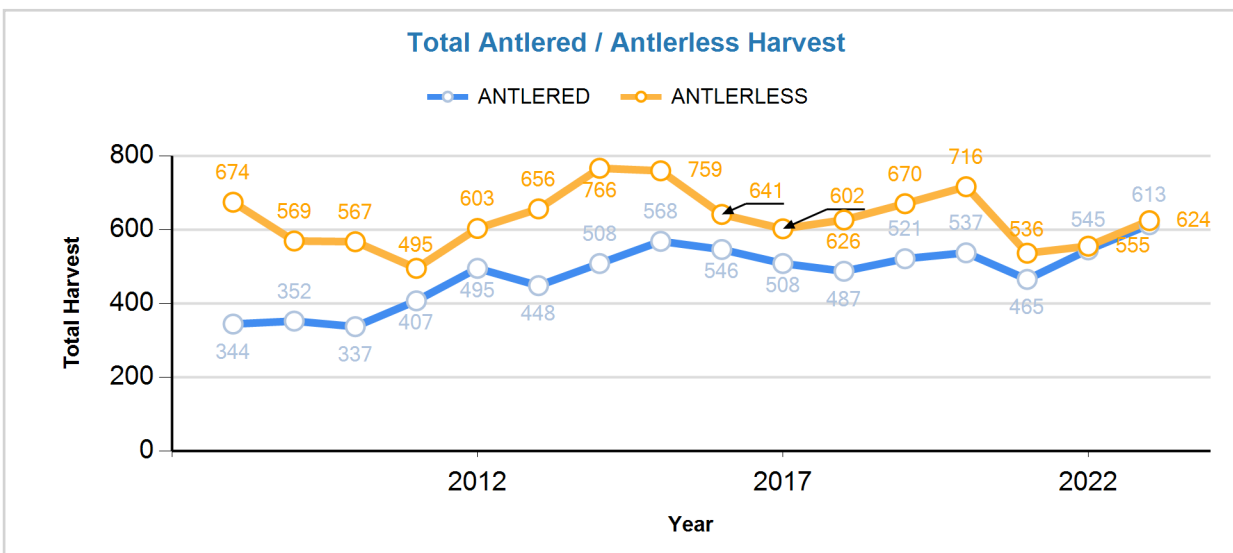
Total Area of Unit (Sq. Miles): 234.20

Deer Range of Unit (Sq. Miles): 84.50

## Total Harvest for Ozaukee County - Southern Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	508	568	546	508	487	521	537	465	545	613
Antlerless	811	759	641	602	626	670	716	536	555	624
Total	1319	1327	1187	1110	1113	1191	1253	1001	1100	1237
<b>Gun</b>										
Antlered	252	258	264	235	260	225	259	223	267	315
Antlerless	481	416	374	371	370	401	416	348	353	402
Total	733	674	638	606	630	626	675	571	620	717
<b>Bow</b>										
Antlered	174	196	164	150	100	140	147	103	130	122
Antlerless	232	203	147	109	110	119	135	87	73	83
Total	406	399	311	259	210	259	282	190	203	205
<b>Crossbow</b>										
Antlered	82	114	118	123	127	156	131	139	148	176
Antlerless	98	140	120	122	146	150	165	101	129	139
Total	180	254	238	245	273	306	296	240	277	315
<b>Tribal*</b>										
Antlered	0	0	0	0	0	0	0	0	0	0
Antlerless	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
<b>Youth Antlerless*</b>										
Antlerless	0	0	42	22	19	25	19	21	16	13

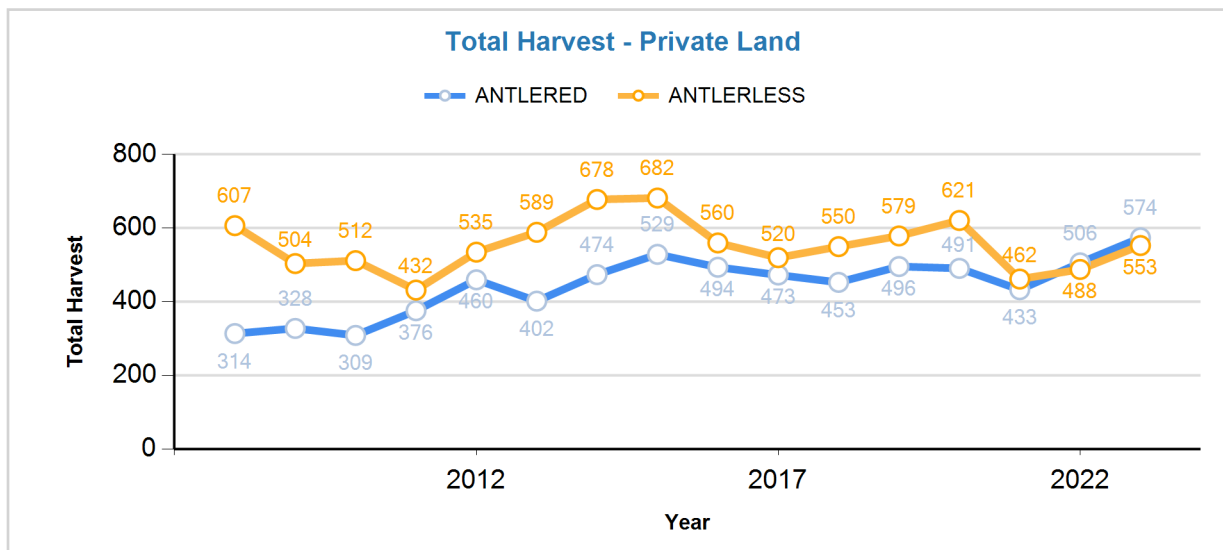
\* Tribal and Youth Antlerless data are included in above totals where they apply



**Total Harvest for Ozaukee County - Southern Farmland Management Zone - Private Land**

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	474	529	494	473	453	496	491	433	506	574
Antlerless	720	682	560	520	550	579	621	462	488	553
Total	1194	1211	1054	993	1003	1075	1112	895	994	1127
<b>Gun</b>										
Antlered	237	235	240	218	245	214	238	207	252	296
Antlerless	411	371	324	322	317	342	363	297	309	361
Total	648	606	564	540	562	556	601	504	561	657
<b>Bow</b>										
Antlered	159	182	144	140	90	131	131	95	113	111
Antlerless	218	181	125	96	99	98	112	72	62	65
Total	377	363	269	236	189	229	243	167	175	176
<b>Crossbow</b>										
Antlered	78	112	110	115	118	151	122	131	141	167
Antlerless	91	130	111	102	134	139	146	93	117	127
Total	169	242	221	217	252	290	268	224	258	294
<b>Tribal*</b>										
Antlered	0	0	0	0	0	0	0	0	0	0
Antlerless	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
<b>Youth Antlerless*</b>										
Antlerless	0	0	33	19	19	24	17	20	16	13

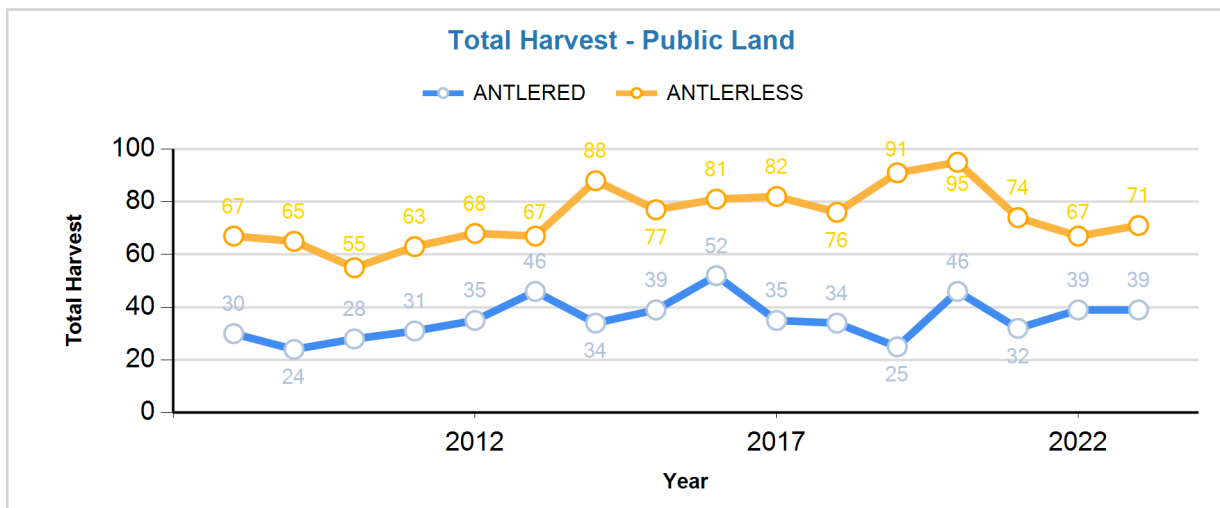
\* Tribal and Youth Antlerless data are included in above totals where they apply



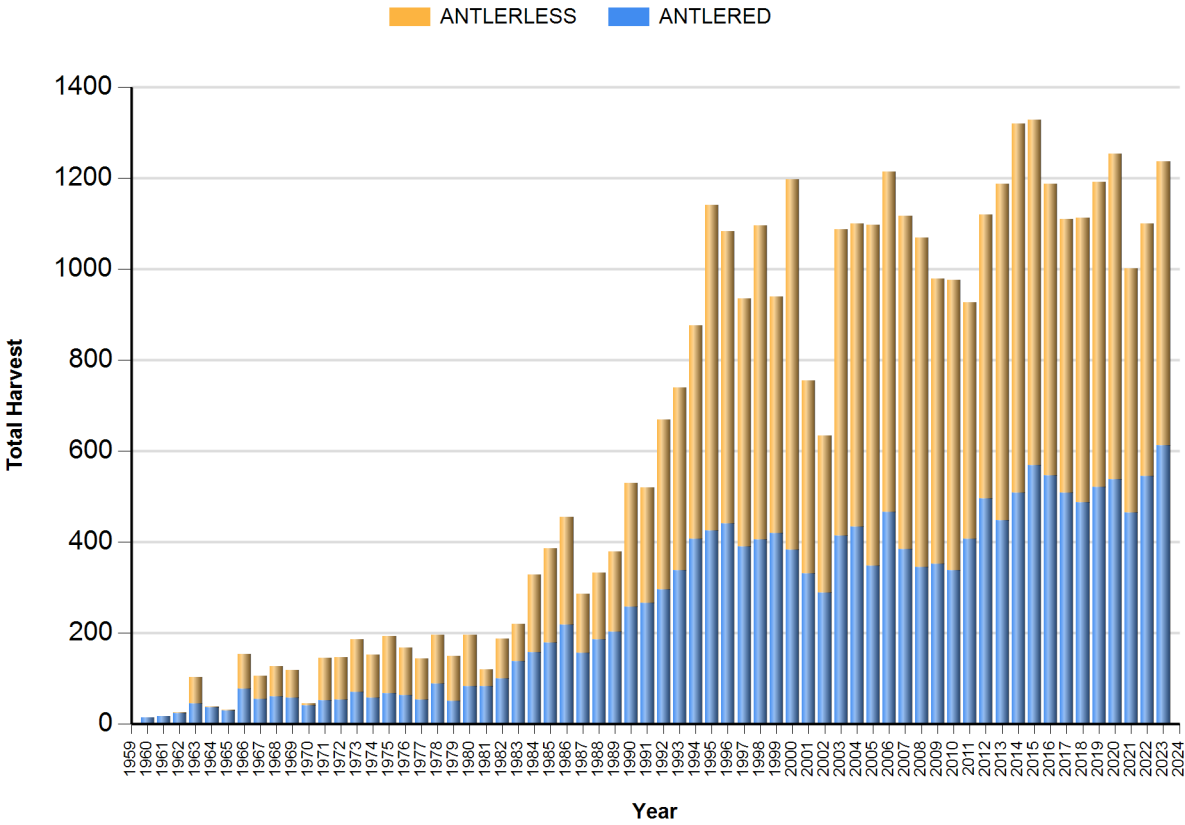
## Total Harvest for Ozaukee County - Southern Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	34	39	52	35	34	25	46	32	39	39
Antlerless	91	77	81	82	76	91	95	74	67	71
Total	125	116	133	117	110	116	141	106	106	110
<b>Gun</b>										
Antlered	15	23	24	17	15	11	21	16	15	19
Antlerless	70	45	50	49	53	59	53	51	44	41
Total	85	68	74	66	68	70	74	67	59	60
<b>Bow</b>										
Antlered	15	14	20	10	10	9	16	8	17	11
Antlerless	14	22	22	13	11	21	23	15	11	18
Total	29	36	42	23	21	30	39	23	28	29
<b>Crossbow</b>										
Antlered	4	2	8	8	9	5	9	8	7	9
Antlerless	7	10	9	20	12	11	19	8	12	12
Total	11	12	17	28	21	16	28	16	19	21
<b>Tribal*</b>										
Antlered	0	0	0	0	0	0	0	0	0	0
Antlerless	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
<b>Youth Antlerless*</b>										
Antlerless	0	0	9	3	0	1	2	1	0	0

\* Tribal and Youth Antlerless data are included in above totals where they apply



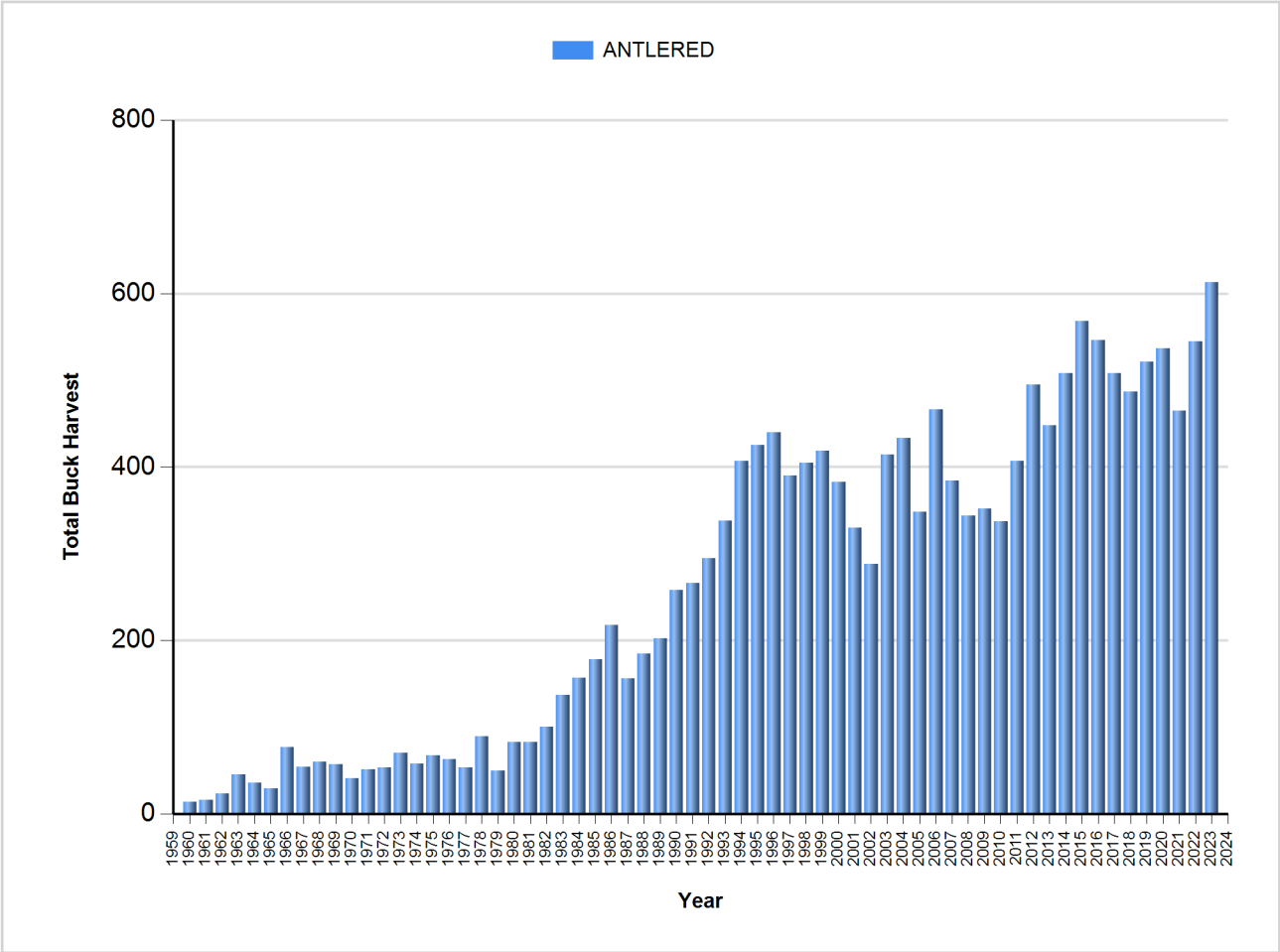
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 2023 - 613

Historic Low: 1960 - 14



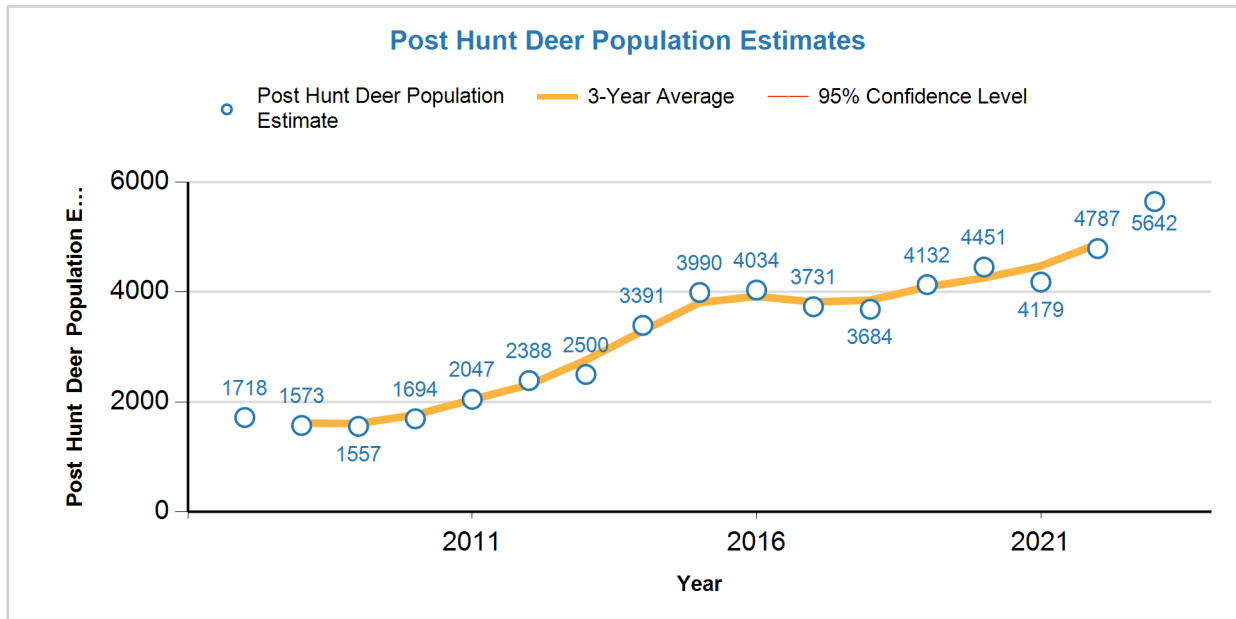
**Antlerless Tag Issuance & Success for Ozaukee County - Southern Farmland**

Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued	2,767	1,757	1,620	2,647
Killed	87	61	62	66
Success Rate (%)	3.1	3.5	3.8	2.5
<b>Farmland - Private</b>				
Issued	8,798	5,623	5,524	8,159
Killed	555	397	424	500
Success Rate (%)	6.3	7.1	7.7	6.1
<b>Farmland - Total</b>				
Issued	11,565	7,380	7,144	10,806
Killed	642	458	486	566
Success Rate (%)	5.6	6.2	6.8	5.2
<b>Bonus- Public</b>				
Available	300	300	300	300
Issued	156	176	151	137
Killed	5	7	4	4
Success Rate (%)	3.2	4.0	2.6	2.9
<b>Bonus- Private</b>				
Available	700	700	700	700
Issued	274	246	289	256
Killed	28	24	37	29
Success Rate (%)	10.2	9.8	12.8	11.3
<b>Bonus- Total</b>				
Available	1,000	1,000	1,000	1,000
Issued	430	422	440	393
Killed	33	31	41	33
Success Rate (%)	7.7	7.3	9.3	8.4



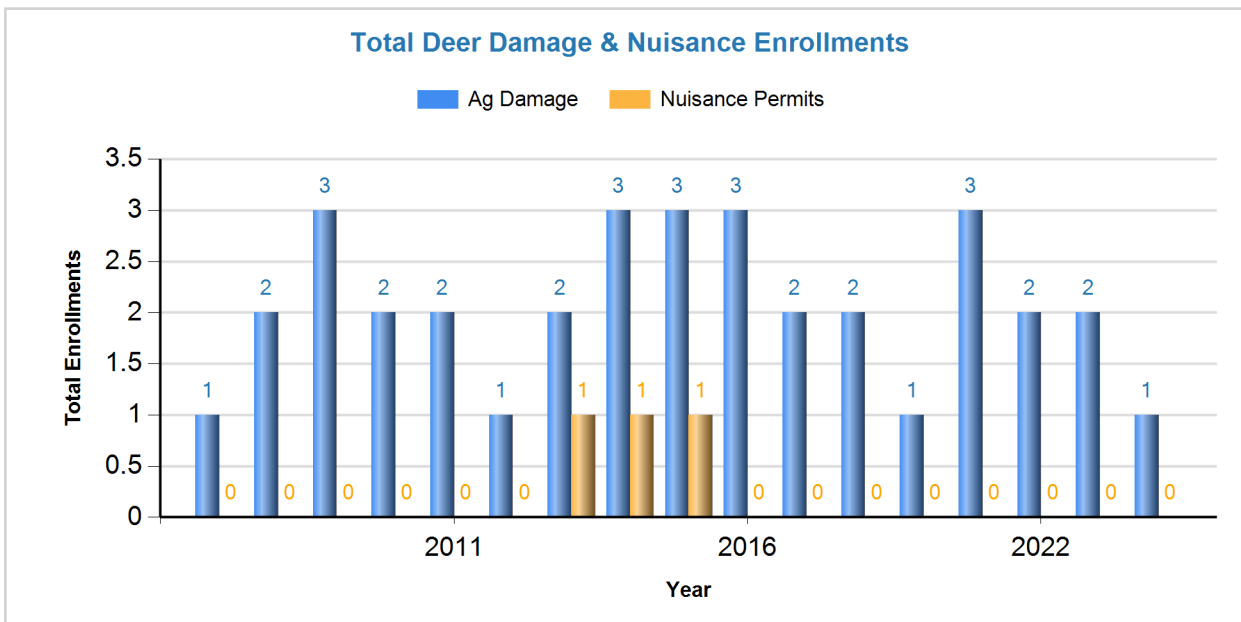
## Herd Abundance

Deer herd abundance is estimated annually with hunter-collected data and a mathematical model to get post hunt deer population estimates.

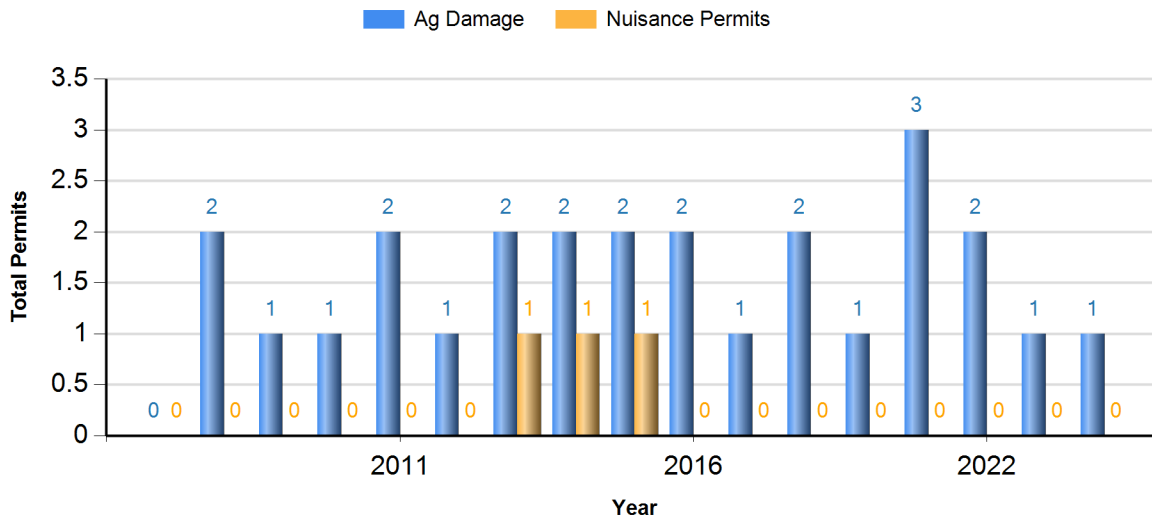


## Deer Impacts – Agriculture & Nuisance Impacts

View trends in county and statewide enrollment, shooting permit, Ag Damage, and Nuisance harvest numbers over the years.



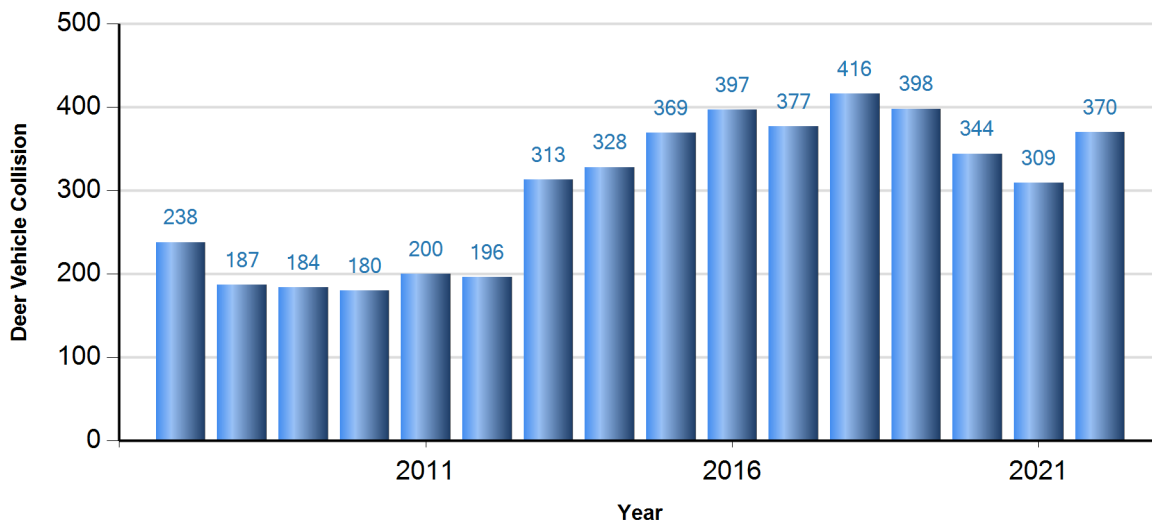
### Total Deer Damage & Nuisance Shooting Permits Issued



### Deer Impacts - Deer Vehicle Collision

Deer-vehicle collisions (DVCs) are one of the most visible negative impacts that deer populations have on society. As managing deer involves balancing the positive benefits of deer with their negative impacts, it makes sense to consider DVCs when making deer management decisions.

#### Deer Vehicle Collisions



### Hunter Dynamics - Hunter Field Observations

This metric provides voluntary hunter observation data that is collected either during the process of registering a deer, or from submitted field observations through an on-line reporting form.

