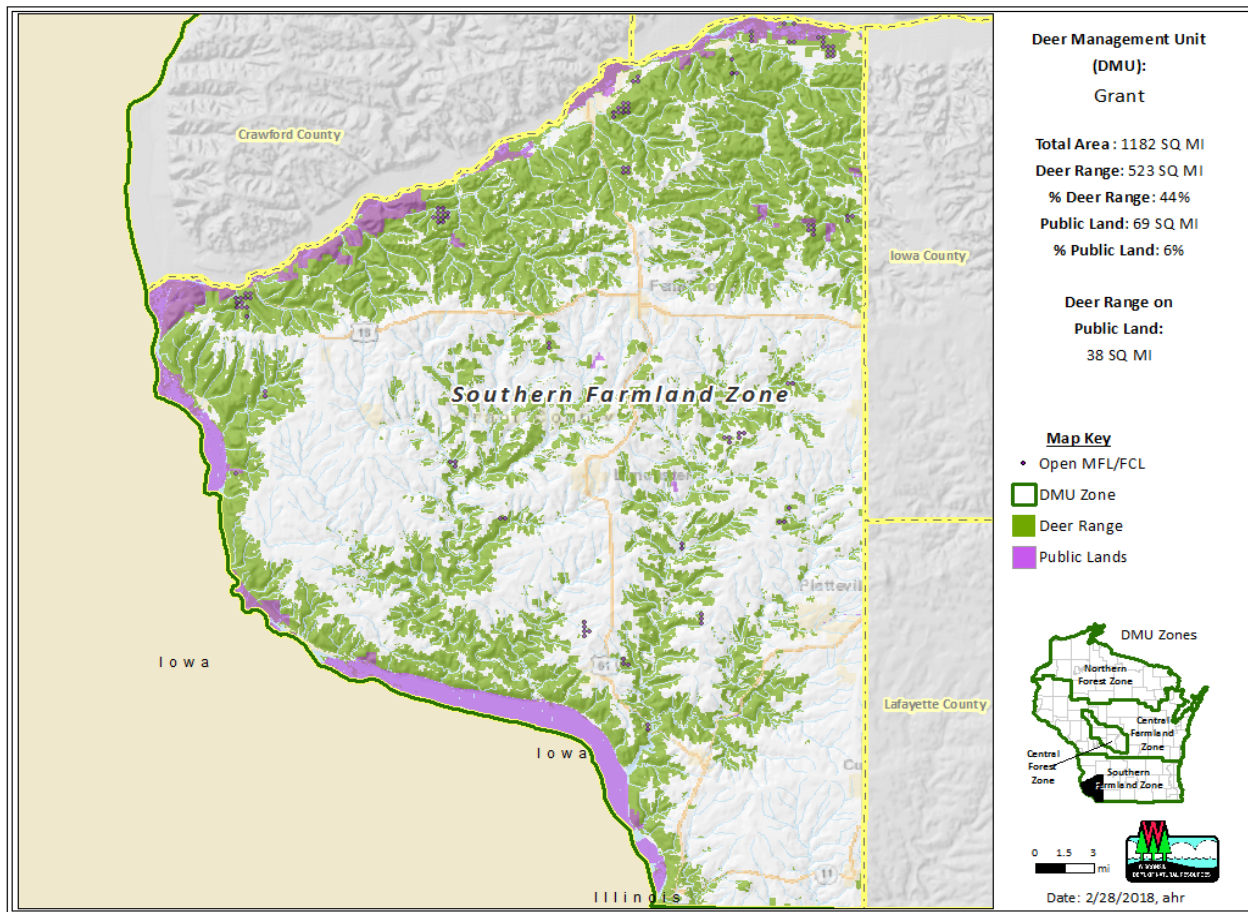


Grant County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

Grant County is located in the Southern Farmland Zone. The total land area is 1182 square miles, with 523 square miles (44 percent) considered suitable deer range. Agriculture land use is extensive in areas where the topography permits. These areas have some of the most fertile soils in the state. Land that is too steep to cultivate is generally wooded or pastured. The northern and western portions of the unit have many large-tract landowners and both hunting access and pressure is limited on much of the private land. As a result, neighboring producers experience substantial agricultural damage caused by deer. The northern portion of the unit is the most heavily forested and contains the majority of the public land. The Lower Wisconsin State Riverway lies along the unit's northern boundary. Wyalusing and Nelson Dewey State Park on the west side of the unit are also open to public hunting. The Upper Mississippi Wildlife Refuge along the unit's western border is open to public hunting although special regulations and closed areas exist in the refuge. The southern two-thirds of the unit are more open with the main forested areas located in the watersheds of the Grant and Platte Rivers. There is little public land in the southern two-thirds of the unit. Deer harvest during the 2017 season averaged 13 deer per square mile of deer range. There were 12 new cases of CWD detected in Grant County in 2017, bringing the total to 29. The current deer herd management objective is to maintain 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

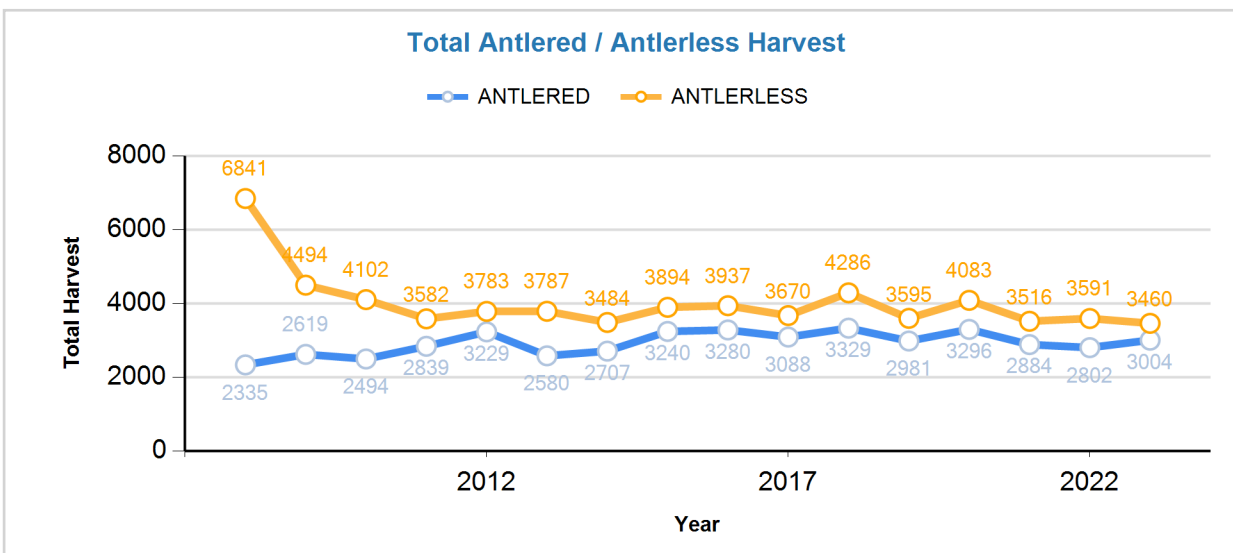
Total Area of Unit (Sq. Miles): 1,182.50

Deer Range of Unit (Sq. Miles): 523.20

Total Harvest for Grant County - Southern Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2707	3240	3280	3088	3329	2981	3296	2884	2802	3004
Antlerless	3535	3894	3937	3670	4286	3595	4083	3516	3591	3460
Total	6242	7134	7217	6758	7615	6576	7379	6400	6393	6464
Gun										
Antlered	1952	2454	2426	2313	2585	2061	2271	1963	2031	2116
Antlerless	2996	3414	3406	3171	3625	3003	3415	3039	3067	2973
Total	4948	5868	5832	5484	6210	5064	5686	5002	5098	5089
Bow										
Antlered	581	577	565	466	441	510	538	470	399	432
Antlerless	434	360	364	318	395	344	369	250	268	255
Total	1015	937	929	784	836	854	907	720	667	687
Crossbow										
Antlered	174	209	289	309	303	410	487	451	372	456
Antlerless	105	120	167	181	266	248	299	227	256	232
Total	279	329	456	490	569	658	786	678	628	688
Tribal*										
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
Youth Antlerless*										
Antlerless	0	0	248	223	219	190	239	225	210	164

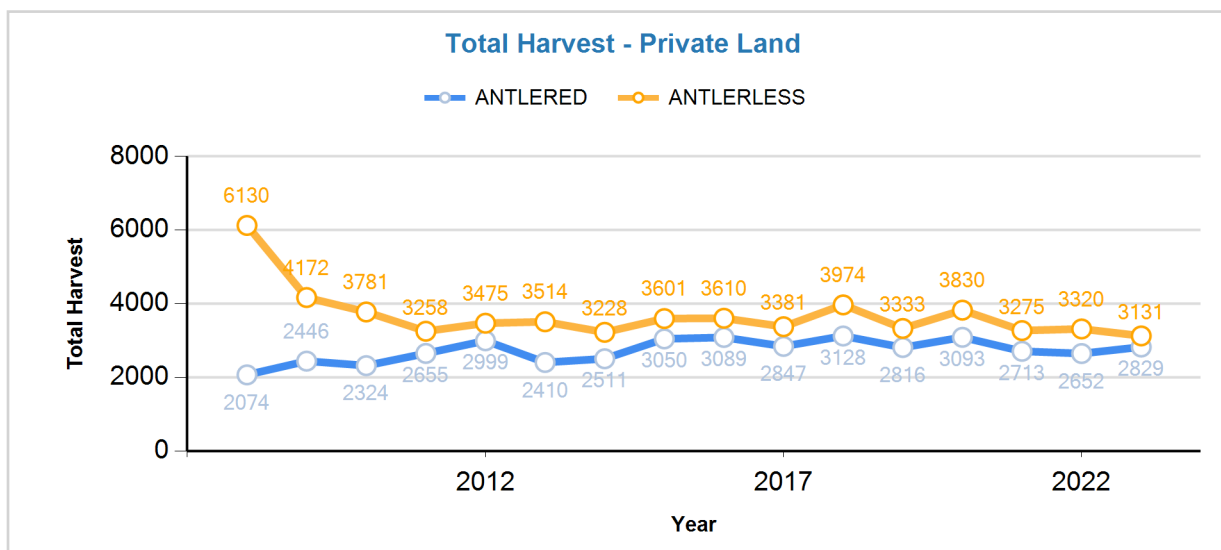
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Grant County - Southern Farmland Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2511	3050	3089	2847	3128	2816	3093	2713	2652	2829
Antlerless	3278	3601	3610	3381	3974	3333	3830	3275	3320	3131
Total	5789	6651	6699	6228	7102	6149	6923	5988	5972	5960
Gun										
Antlered	1823	2315	2283	2142	2434	1960	2139	1863	1936	2008
Antlerless	2783	3170	3128	2926	3372	2790	3210	2846	2850	2689
Total	4606	5485	5411	5068	5806	4750	5349	4709	4786	4697
Bow										
Antlered	529	543	536	426	411	476	496	427	369	390
Antlerless	400	322	332	295	362	320	344	224	240	236
Total	929	865	868	721	773	796	840	651	609	626
Crossbow										
Antlered	159	192	270	279	283	380	458	423	347	431
Antlerless	95	109	150	160	240	223	276	205	230	206
Total	254	301	420	439	523	603	734	628	577	637
Tribal*										
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
Youth Antlerless*										
Antlerless	0	0	236	213	213	177	229	218	203	160

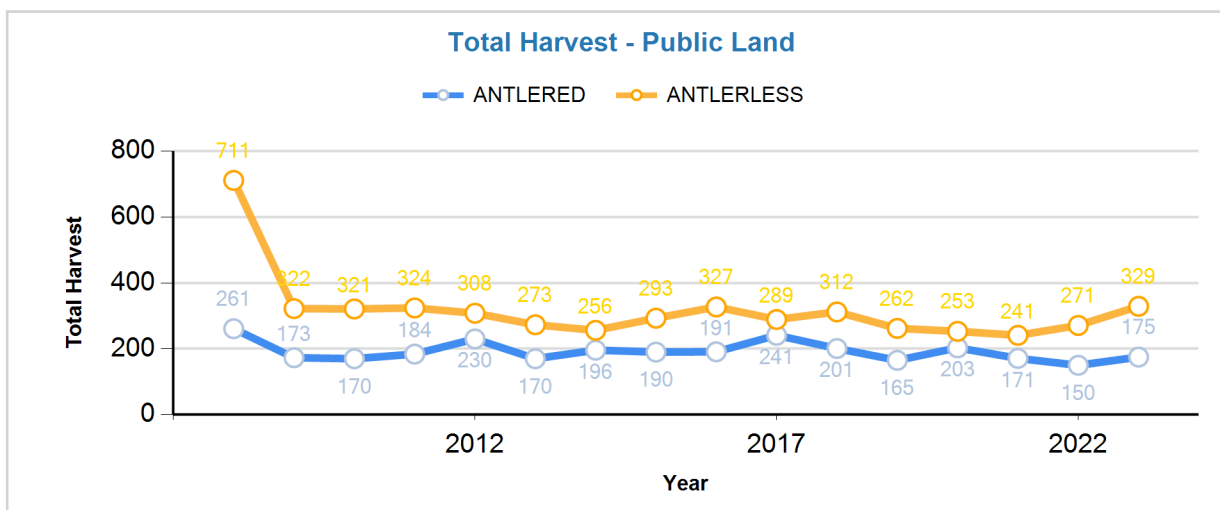
* Tribal and Youth Antlerless data are included in above totals where they apply



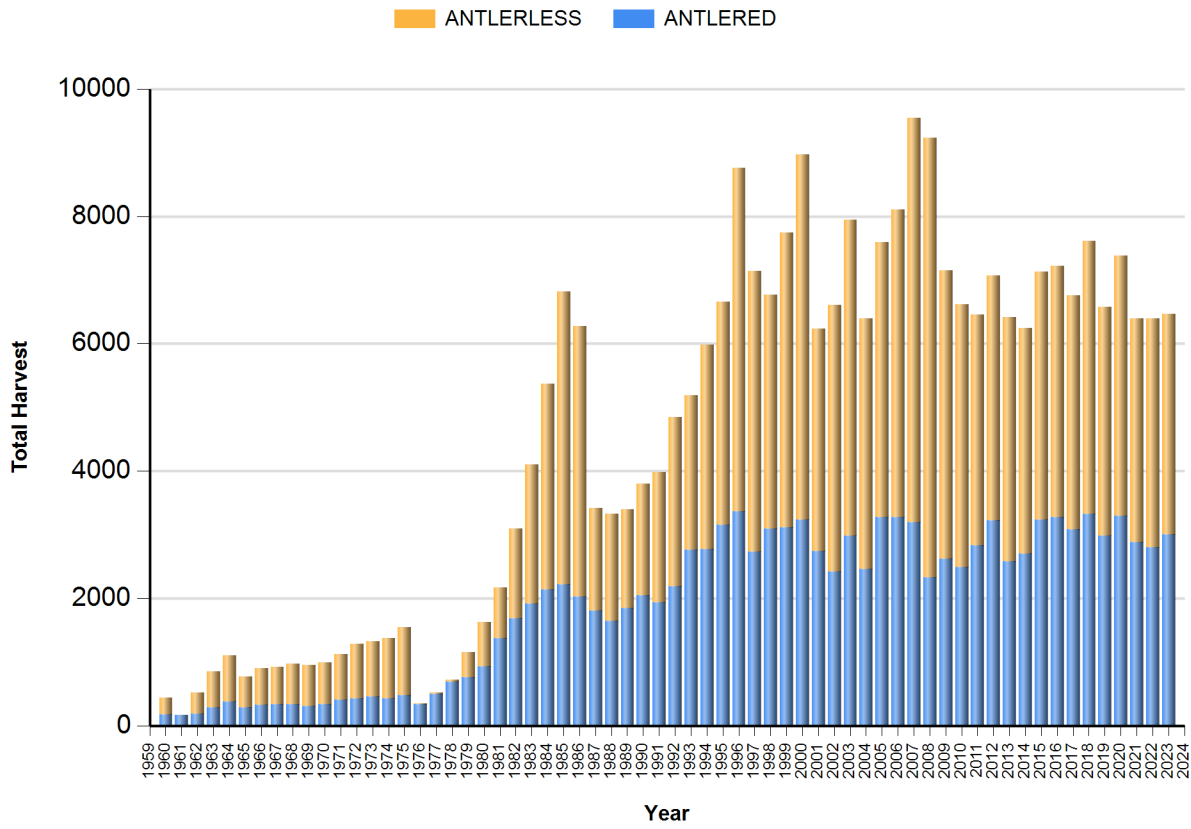
Total Harvest for Grant County - Southern Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	196	190	191	241	201	165	203	171	150	175
Antlerless	257	293	327	289	312	262	253	241	271	329
Total	453	483	518	530	513	427	456	412	421	504
Gun										
Antlered	129	139	143	171	151	101	132	100	95	108
Antlerless	213	244	278	245	253	213	205	193	217	284
Total	342	383	421	416	404	314	337	293	312	392
Bow										
Antlered	52	34	29	40	30	34	42	43	30	42
Antlerless	34	38	32	23	33	24	25	26	28	19
Total	86	72	61	63	63	58	67	69	58	61
Crossbow										
Antlered	15	17	19	30	20	30	29	28	25	25
Antlerless	10	11	17	21	26	25	23	22	26	26
Total	25	28	36	51	46	55	52	50	51	51
Tribal*										
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
Youth Antlerless*										
Antlerless	0	0	12	10	6	13	10	7	7	4

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



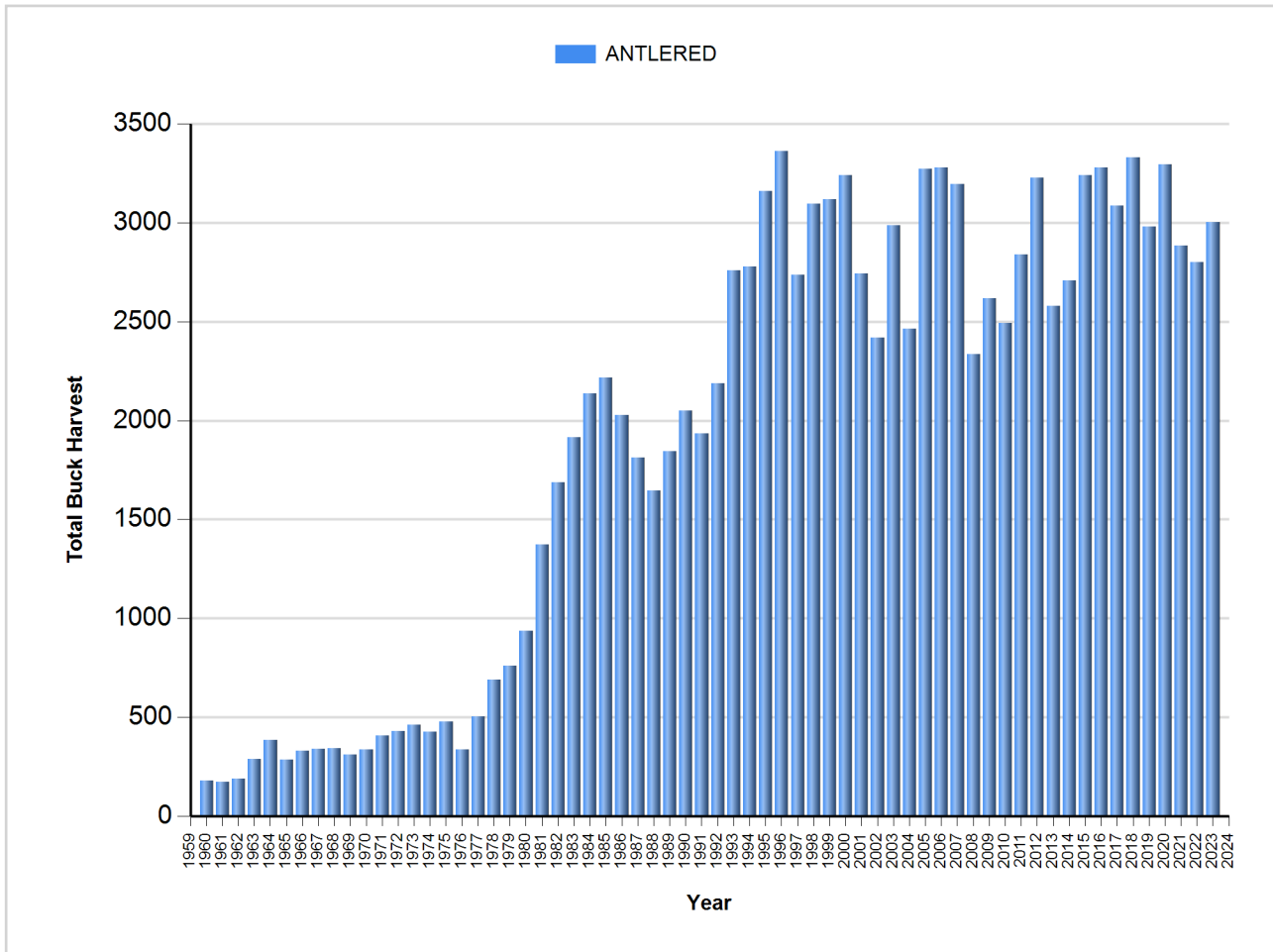
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 1996 - 3,364

Historic Low: 1961 - 171

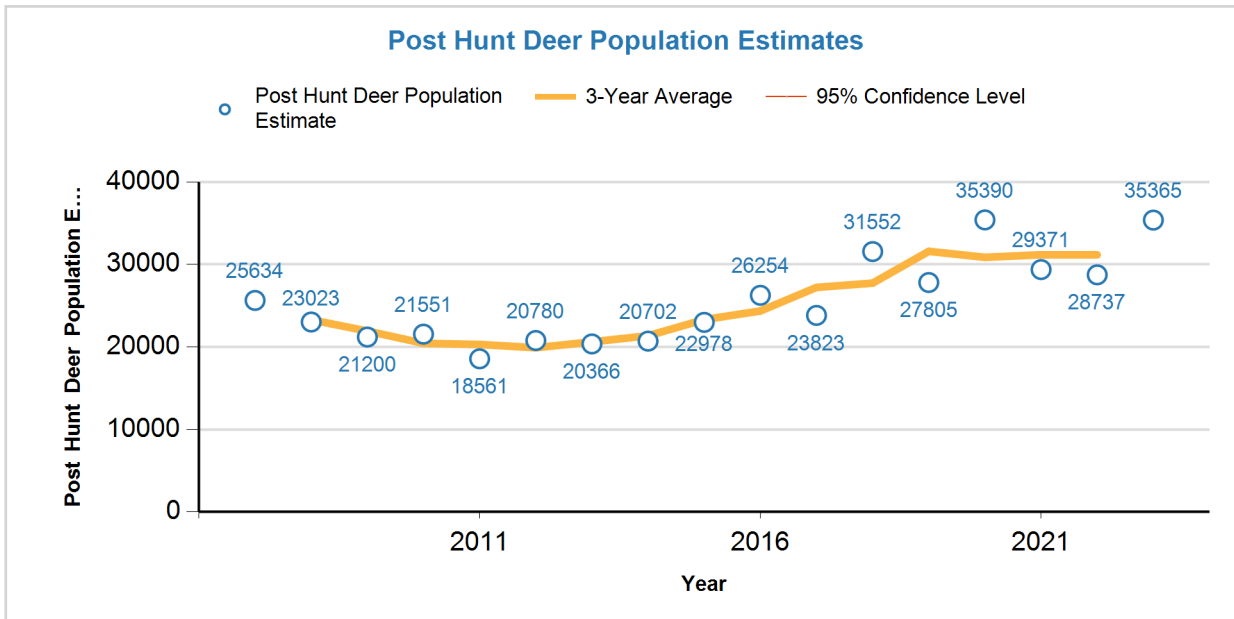


Antlerless Tag Issuance & Success for Grant County - Southern Farmland

Year	2020	2021	2022	2023
Farmland - Public				
Issued	3,532	3,413	3,327	3,289
Killed	219	202	229	190
Success Rate (%)	6.2	5.9	6.9	5.8
Farmland - Private				
Issued	24,546	24,437	23,759	24,039
Killed	3,202	2,702	2,796	2,805
Success Rate (%)	13.0	11.1	11.8	11.7
Farmland - Total				
Issued	28,078	27,850	27,086	27,328
Killed	3,421	2,904	3,025	2,995
Success Rate (%)	12.2	10.4	11.2	11.0
Bonus- Public				
Available	750	750	750	750
Issued	259	254	271	266
Killed	19	28	26	24
Success Rate (%)	7.3	11.0	9.6	9.0
Bonus- Private				
Available	3,000	3,000	3,000	3,000
Issued	771	785	852	823
Killed	142	139	136	148
Success Rate (%)	18.4	17.7	16.0	18.0
Bonus- Total				
Available	3,750	3,750	3,750	3,750
Issued	1,030	1,039	1,123	1,089
Killed	161	167	162	172
Success Rate (%)	15.6	16.1	14.4	15.8

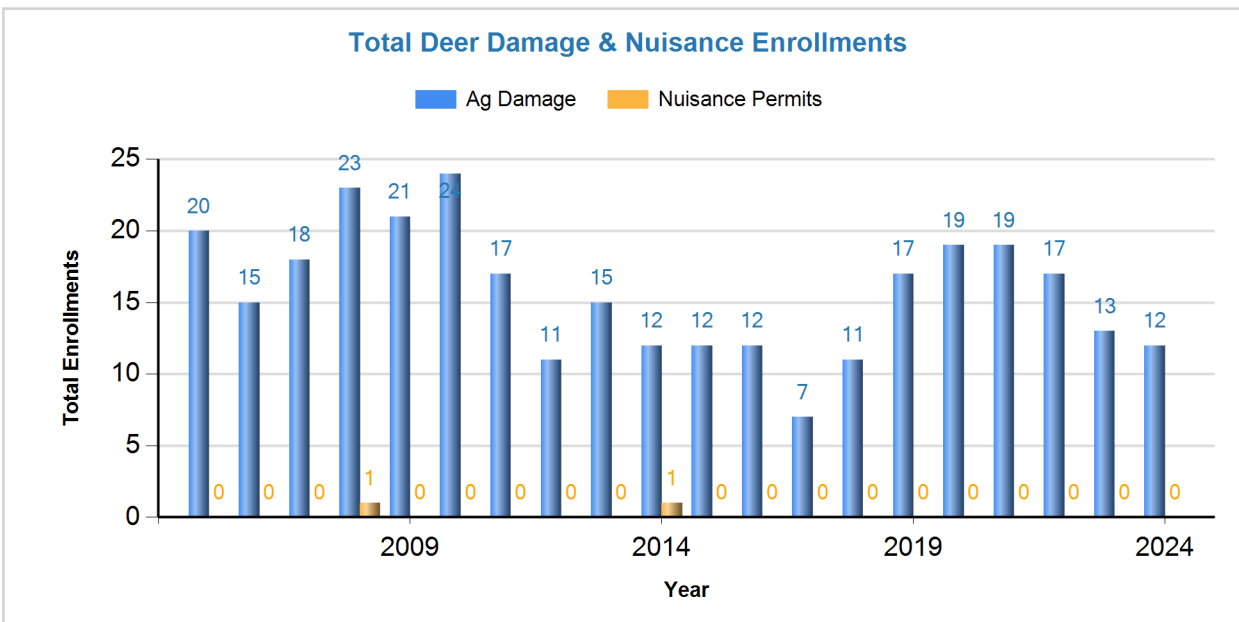
Herd Abundance

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

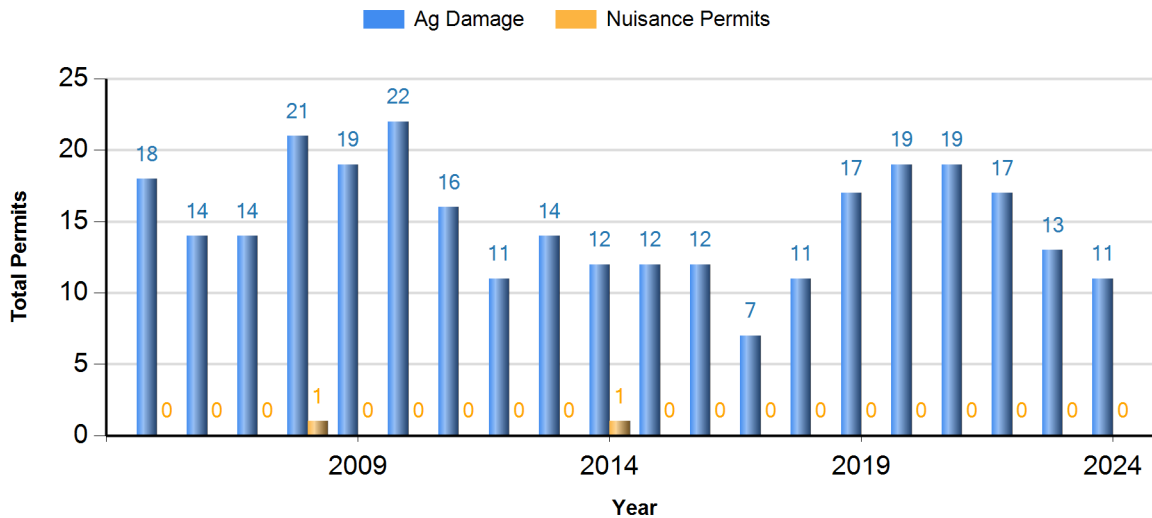


Deer Impacts – Agriculture & Nuisance Impacts

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



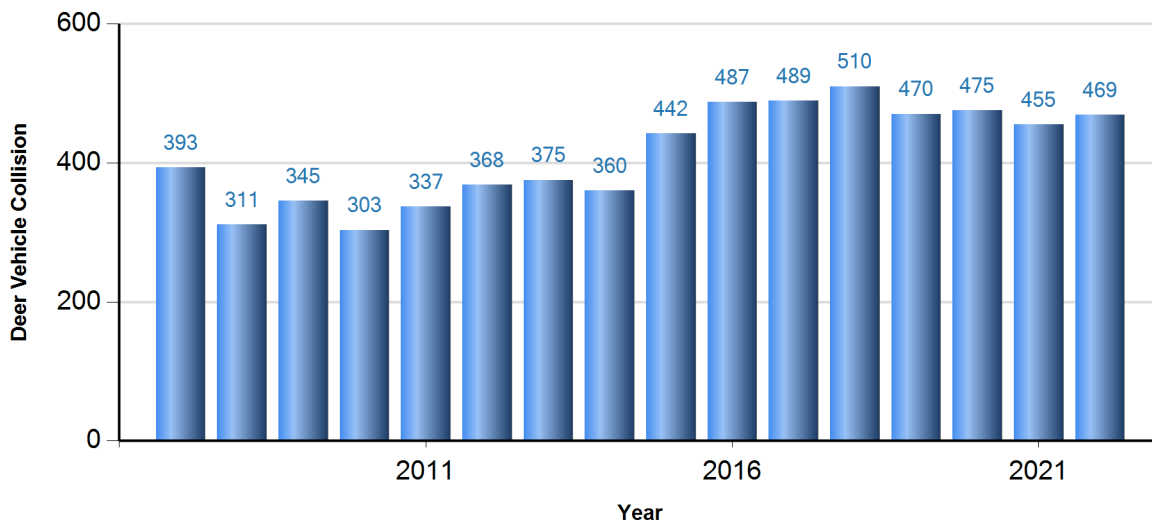
Total Deer Damage & Nuisance Shooting Permits Issued



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.

Deer Seen Per Hunted Hour

