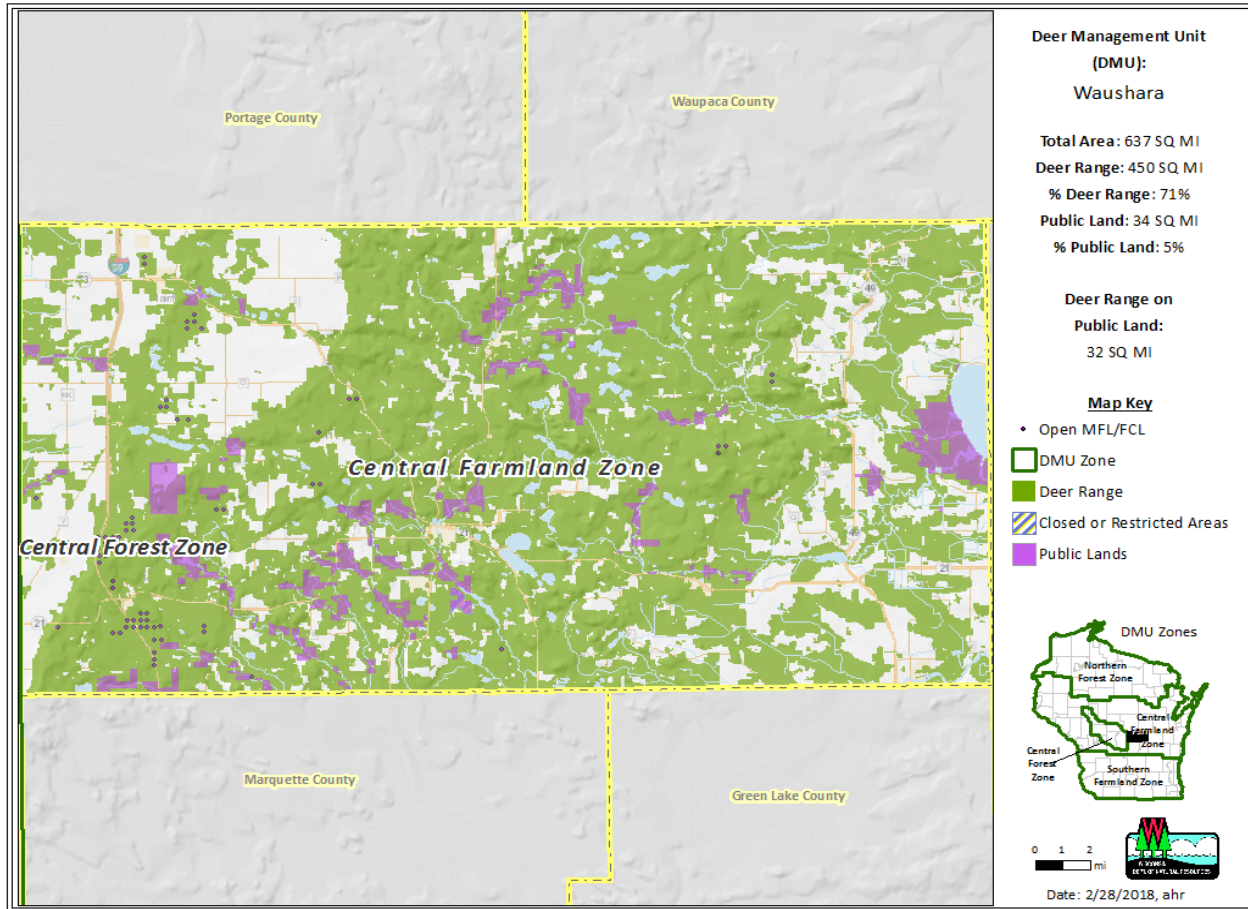


Waushara County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Waushara County Deer Management Unit is located in the Central Farmland Zone. Approximately 71 percent of the unit is considered suitable deer range. Habitat types vary greatly across the unit and include forested lands, wetlands, grasslands and areas heavily dominated by agriculture. Generally, deer densities and harvest are highest in the eastern portions and decrease moving westward across the unit. Public hunting opportunities are available on nearly 22,000 acres of land and over 90 percent of these lands are considered suitable deer range. These public lands include Poygan Marsh Wildlife Area, Greenwood Wildlife Area, Pine River Fishery Area, White River Fishery Area, Willow Creek Fishery Area, Mecan River Fishery Area and numerous scattered parcels of public lands. 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.

Central Farmland Management Zone

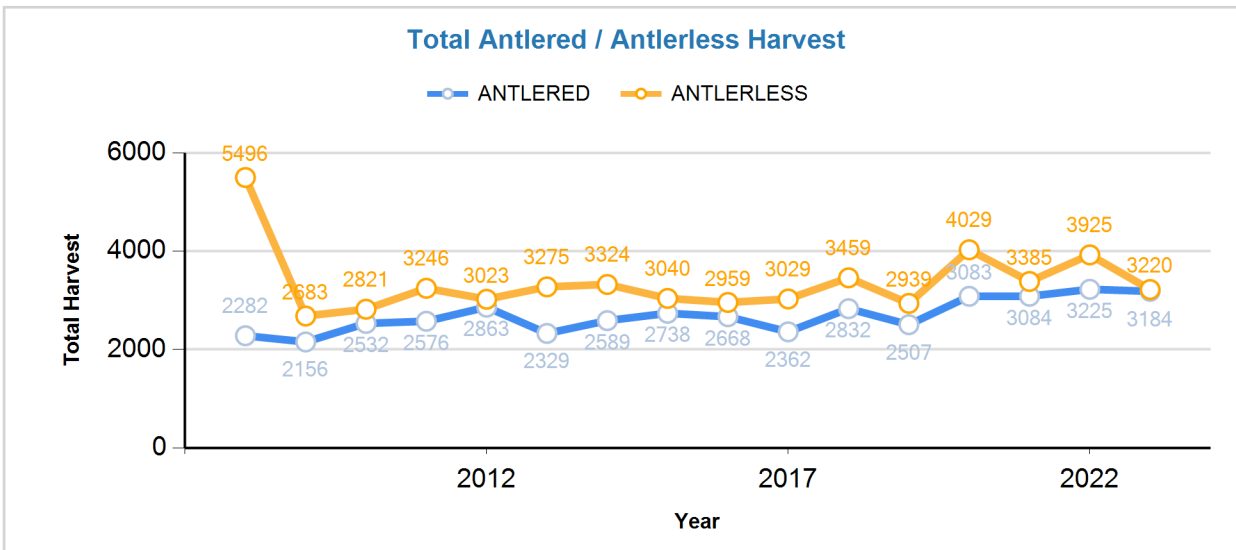
Total Area of Unit (Sq. Miles): 636.80

Deer Range of Unit (Sq. Miles): 450.30

Total Harvest for Waushara County - Central Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2589	2738	2668	2362	2832	2507	3083	3084	3225	3184
Antlerless	3362	3040	2959	3033	3459	2939	4029	3385	3925	3220
Total	5951	5778	5627	5395	6291	5446	7112	6469	7150	6404
Gun										
Antlered	1649	1647	1681	1412	1840	1352	1754	1743	1976	1850
Antlerless	2531	2270	2201	2227	2447	2104	2893	2459	2823	2326
Total	4180	3917	3882	3639	4287	3456	4647	4202	4799	4176
Bow										
Antlered	586	666	510	423	369	463	522	472	449	476
Antlerless	530	447	379	368	437	329	406	327	424	333
Total	1116	1113	889	791	806	792	928	799	873	809
Crossbow										
Antlered	354	425	477	527	623	692	807	869	800	858
Antlerless	301	323	379	438	575	506	730	599	678	561
Total	655	748	856	965	1198	1198	1537	1468	1478	1419
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	159	157	180	105	142	111	127	76

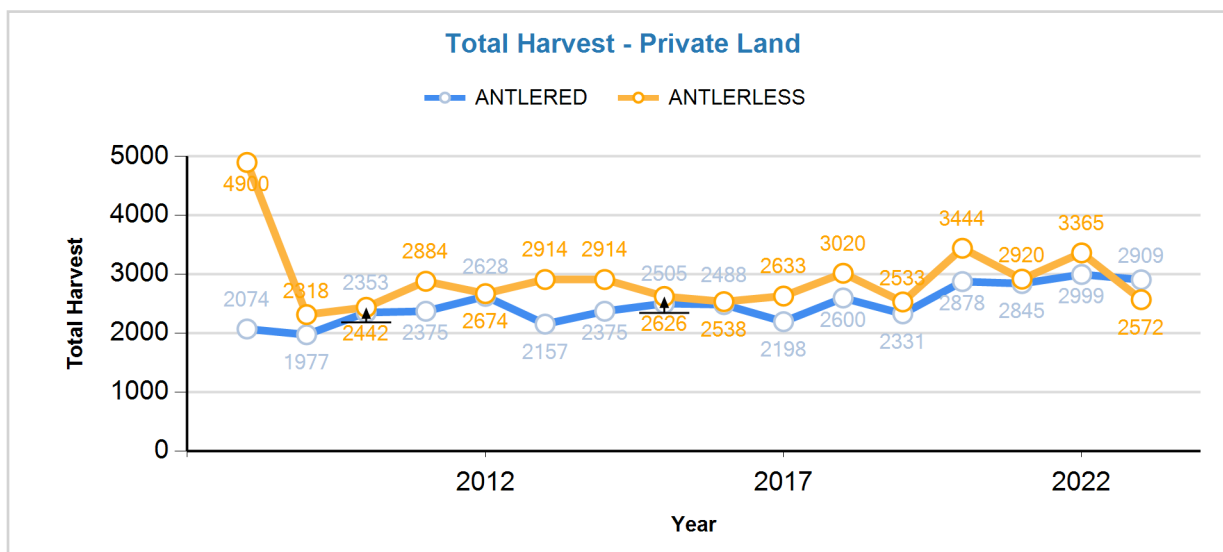
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Waushara County - Central Farmland Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2375	2505	2488	2198	2600	2331	2878	2845	2999	2909
Antlerless	2947	2626	2538	2637	3020	2533	3444	2920	3365	2572
Total	5322	5131	5026	4835	5620	4864	6322	5765	6364	5481
Gun										
Antlered	1537	1540	1589	1339	1725	1286	1663	1648	1861	1720
Antlerless	2248	2019	1934	1979	2205	1865	2527	2177	2488	1872
Total	3785	3559	3523	3318	3930	3151	4190	3825	4349	3592
Bow										
Antlered	516	587	461	382	324	411	469	407	392	409
Antlerless	447	356	306	303	353	264	317	246	331	261
Total	963	943	767	685	677	675	786	653	723	670
Crossbow										
Antlered	322	378	438	477	551	634	746	790	746	780
Antlerless	252	251	298	355	462	404	600	497	546	439
Total	574	629	736	832	1013	1038	1346	1287	1292	1219
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	151	146	175	96	135	106	122	72

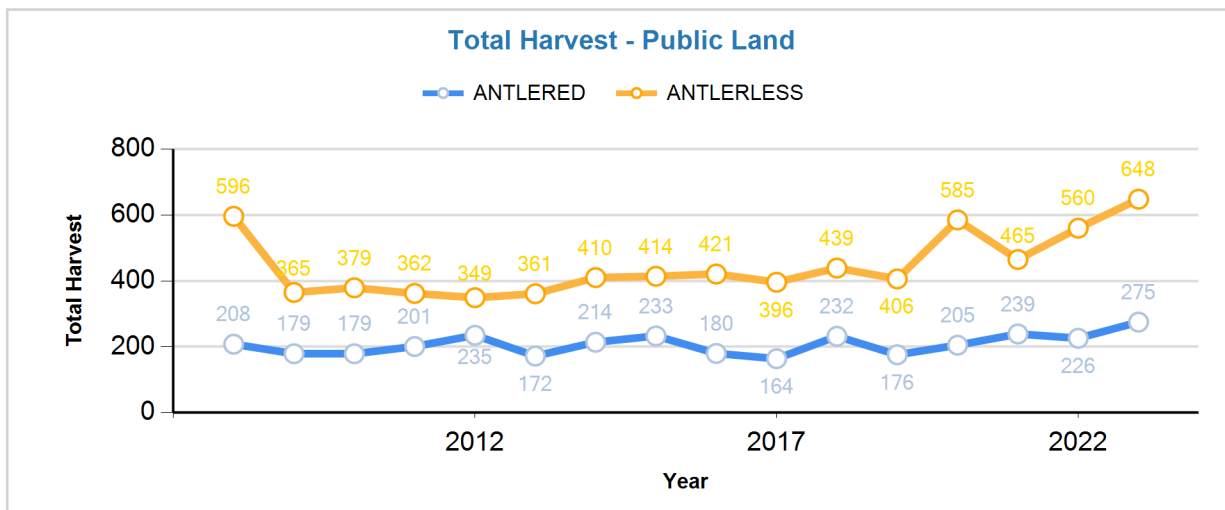
* Tribal and Youth Antlerless data are included in above totals where they apply



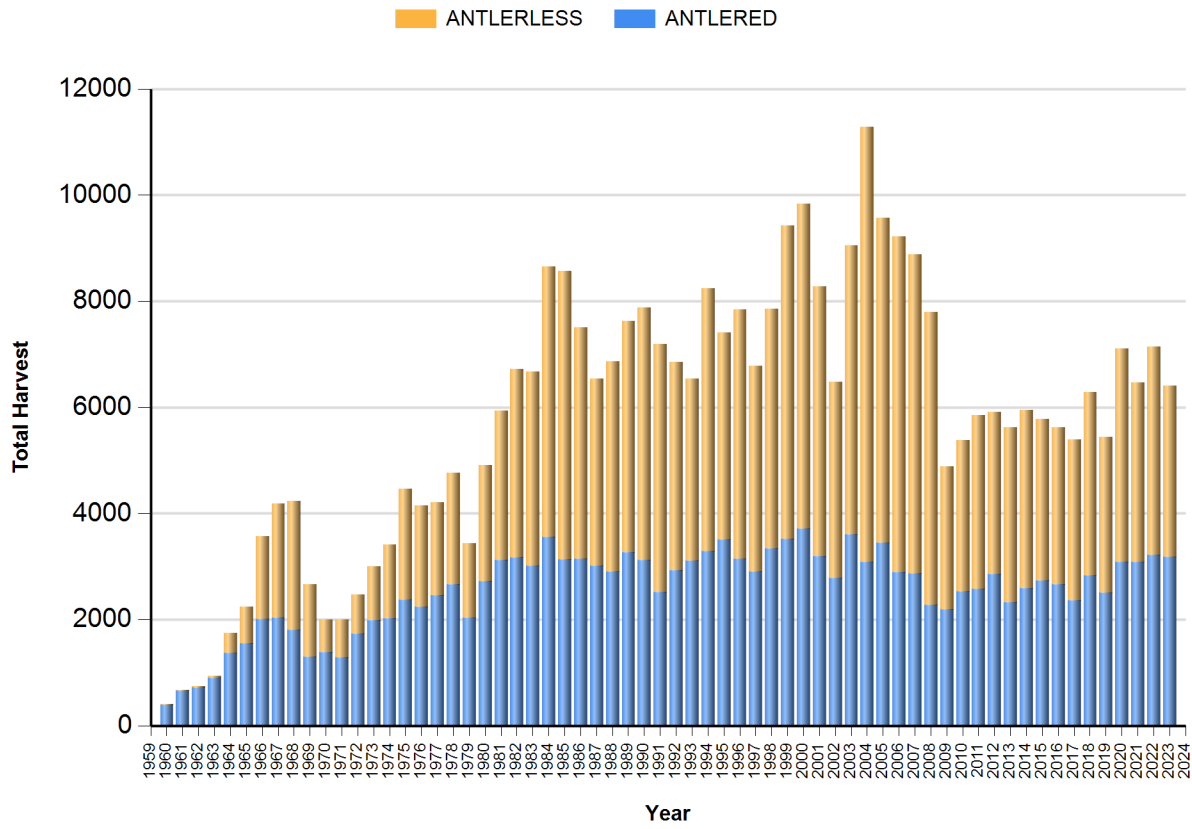
Total Harvest for Waushara County - Central Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	214	233	180	164	232	176	205	239	226	275
Antlerless	415	414	421	396	439	406	585	465	560	648
Total	629	647	601	560	671	582	790	704	786	923
Gun										
Antlered	112	107	92	73	115	66	91	95	115	130
Antlerless	283	251	267	248	242	239	366	282	335	454
Total	395	358	359	321	357	305	457	377	450	584
Bow										
Antlered	70	79	49	41	45	52	53	65	57	67
Antlerless	83	91	73	65	84	65	89	81	93	72
Total	153	170	122	106	129	117	142	146	150	139
Crossbow										
Antlered	32	47	39	50	72	58	61	79	54	78
Antlerless	49	72	81	83	113	102	130	102	132	122
Total	81	119	120	133	185	160	191	181	186	200
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	8	11	5	9	7	5	5	4

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



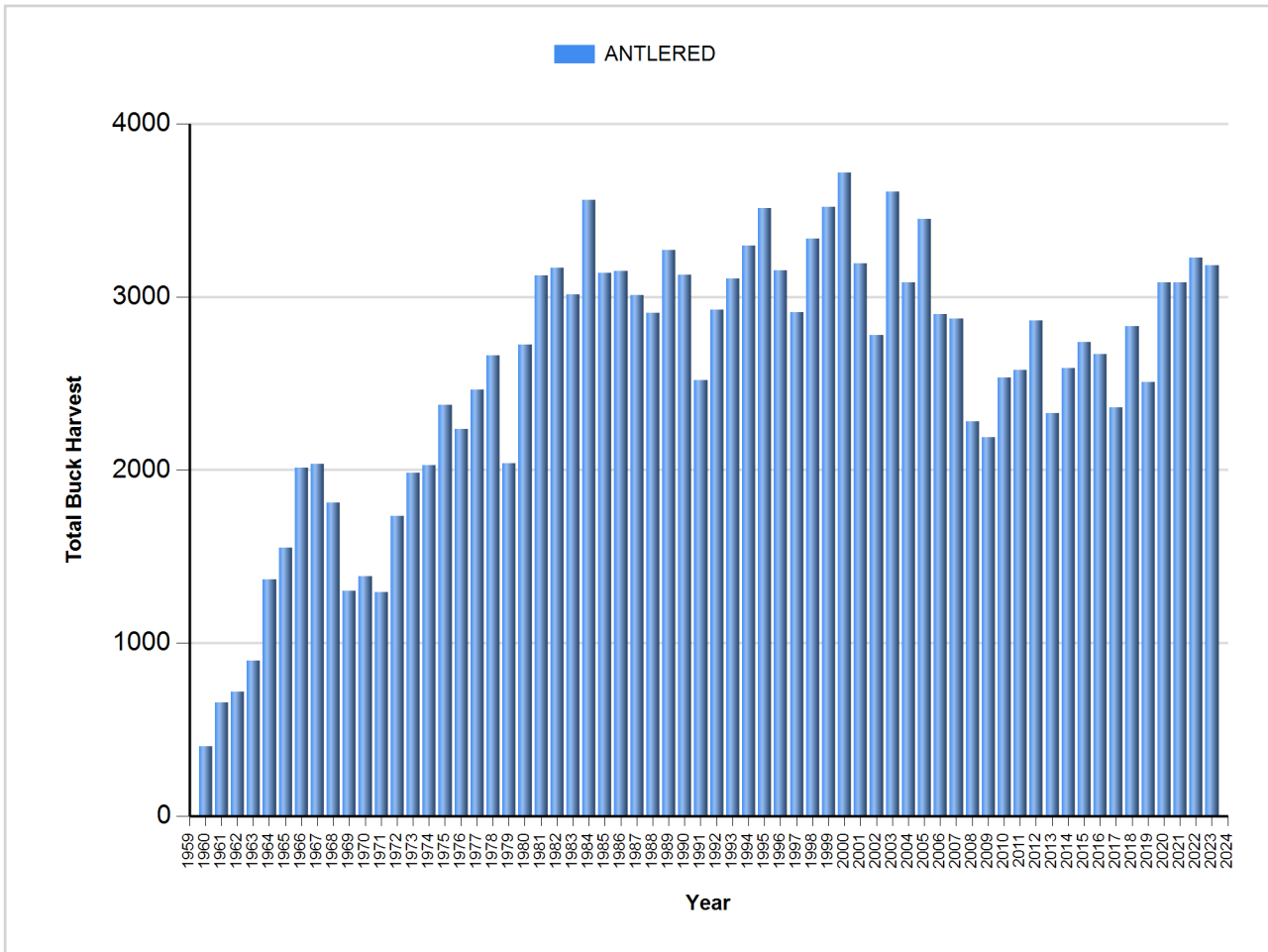
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 2000 - 3,718

Historic Low: 1960 - 403

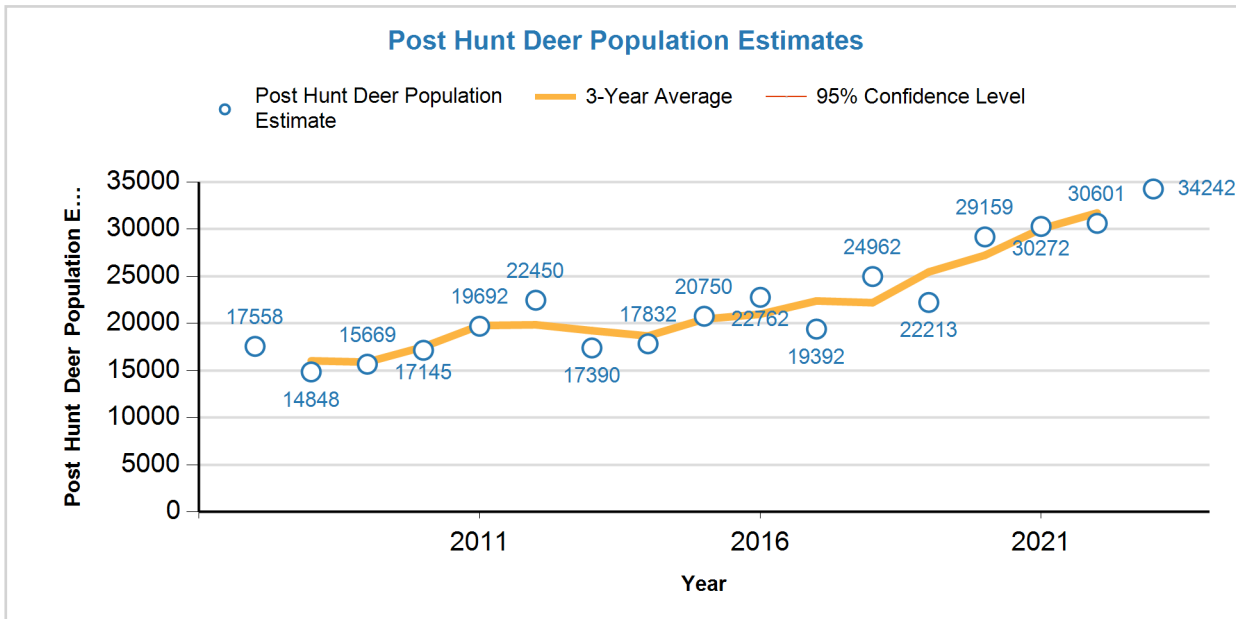


Antlerless Tag Issuance & Success for Waushara County - Central Farmland

Year	2020	2021	2022	2023
Farmland - Public				
Issued	11,878	7,722	7,868	7,842
Killed	531	410	506	399
Success Rate (%)	4.5	5.3	6.4	5.1
Farmland - Private				
Issued	41,372	27,398	27,112	27,350
Killed	3,084	2,511	2,881	2,331
Success Rate (%)	7.5	9.2	10.6	8.5
Farmland - Total				
Issued	53,250	35,120	34,980	35,192
Killed	3,615	2,921	3,387	2,730
Success Rate (%)	6.8	8.3	9.7	7.8
Bonus- Public				
Available	600	700	700	700
Issued	559	600	624	525
Killed	43	40	41	33
Success Rate (%)	7.7	6.7	6.6	6.3
Bonus- Private				
Available	1,200	1,200	1,200	1,200
Issued	758	818	921	873
Killed	106	130	169	142
Success Rate (%)	14.0	15.9	18.3	16.3
Bonus- Total				
Available	1,800	1,900	1,900	1,900
Issued	1,317	1,418	1,545	1,398
Killed	149	170	210	175
Success Rate (%)	11.3	12.0	13.6	12.5

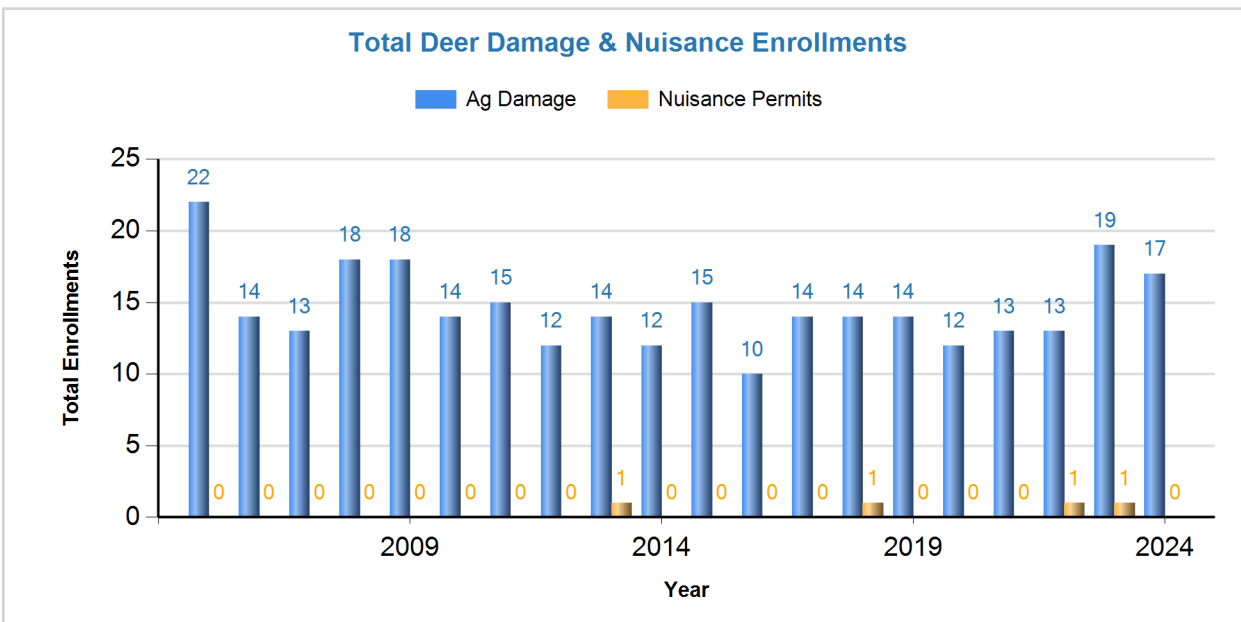
Herd Abundance

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

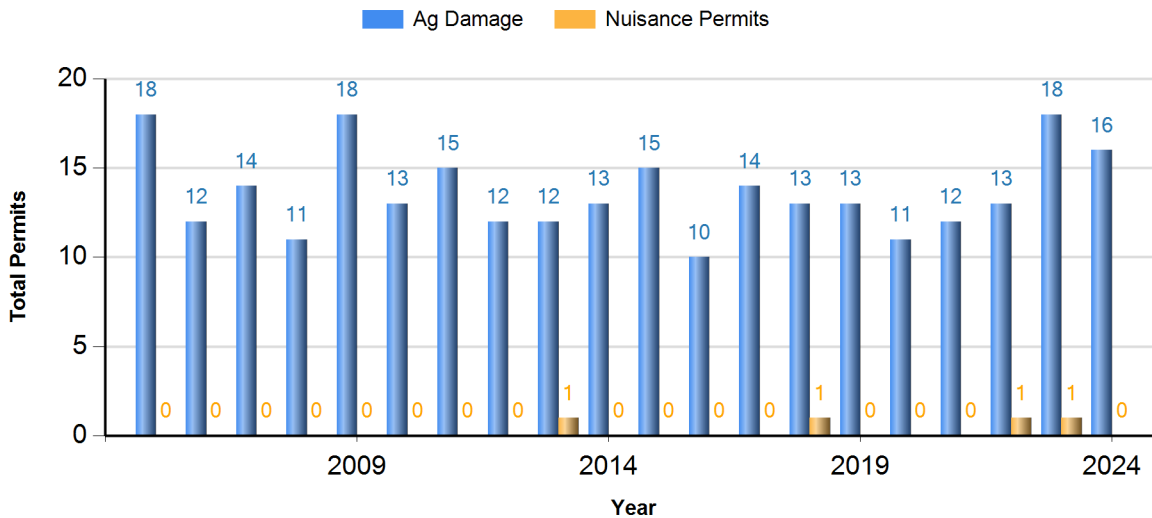


Deer Impacts – Agriculture & Nuisance Impacts

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



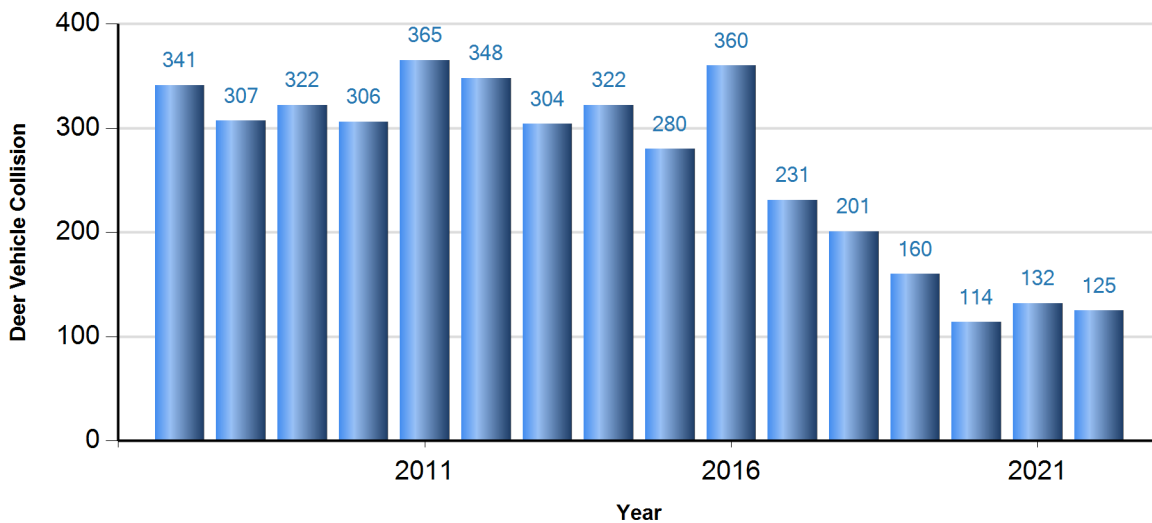
Total Deer Damage & Nuisance Shooting Permits Issued



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

