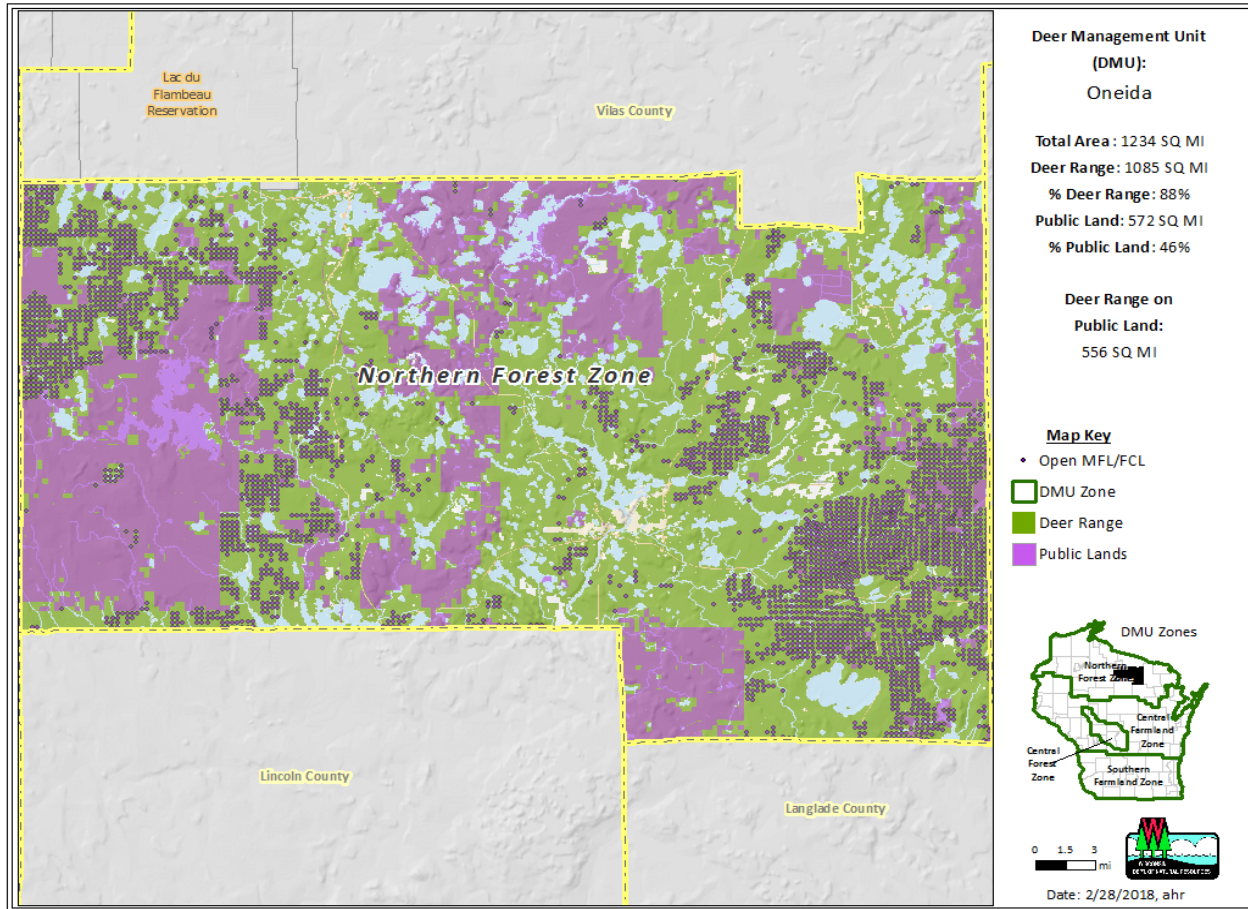


Oneida County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Oneida County Deer Management Unit is located in the Northern Forest Zone. Approximately 86 percent of the unit is considered suitable deer range. There are a variety of forest cover-types within the unit. The far western portion is comprised of mostly aspen stands and forested wetlands with only a small amount of hardwoods in the southwest. Much of the central one-third is comprised of large areas of young aspen with many inclusions of pine and red oak. Eastern portions of the unit have large areas of northern hardwoods in the south, large industrial pine plantations centrally and large conifer swamps throughout. Over 50 percent of the land base is open to public hunting including the Oneida County Forest, Willow Flowage, Woodboro Lakes Wildlife Area, Thunder Marsh Wildlife Area, Chequamegon-Nicolet National Forest, the American Legion State Forest and a number of State Natural Areas, as well as thousands of acres of industrial forest land and properties open to the public through the open Managed Forest Land and Forest Crop Land programs. Hunter densities on opening day of the 9-day gun deer season average 12-14 hunters per square mile of deer range. Harvest rates average about 2 antlered bucks per square mile of deer range.

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.

Northern Forest Management Zone

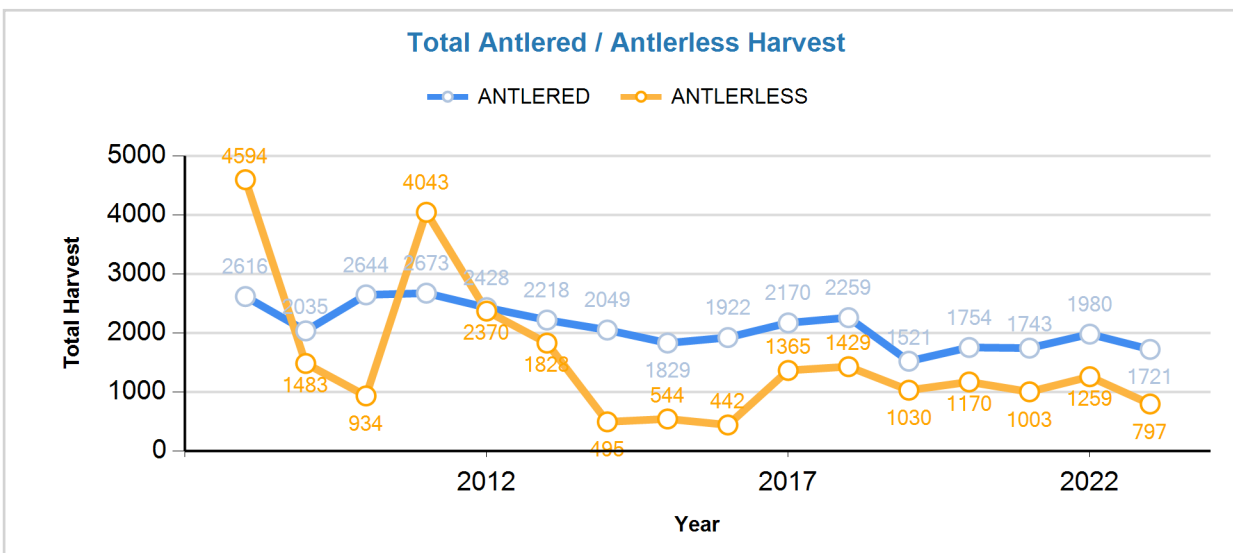
Total Area of Unit (Sq. Miles): 1,234.00

Deer Range of Unit (Sq. Miles): 1,085.00

Total Harvest for Oneida County - Northern Forest Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2049	1829	1922	2170	2259	1521	1754	1743	1980	1721
Antlerless	501	544	442	1365	1429	1030	1170	1003	1259	797
Total	2550	2373	2364	3535	3688	2551	2924	2746	3239	2518
Gun										
Antlered	1249	1092	1413	1499	1638	916	933	1082	1278	1112
Antlerless	387	414	338	964	1060	718	779	711	895	565
Total	1636	1506	1751	2463	2698	1634	1712	1793	2173	1677
Bow										
Antlered	377	313	187	214	190	177	234	173	178	150
Antlerless	42	26	21	121	100	95	109	76	96	60
Total	419	339	208	335	290	272	343	249	274	210
Crossbow										
Antlered	403	403	301	423	411	414	576	479	510	453
Antlerless	45	54	29	227	253	206	267	210	256	165
Total	448	457	330	650	664	620	843	689	766	618
Tribal*										
Antlered	20	21	21	34	20	14	11	9	14	6
Antlerless	27	50	54	53	16	11	15	6	12	7
Total	47	71	75	87	36	25	26	15	26	13
Youth Antlerless*										
Antlerless	0	0	339	360	321	200	273	204	209	130

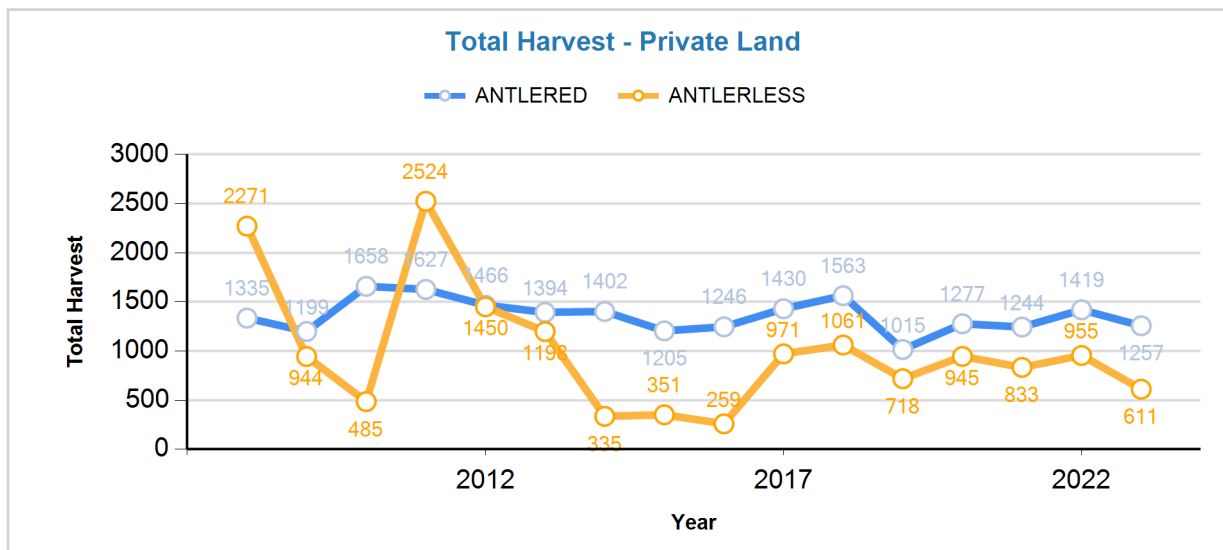
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Oneida County - Northern Forest Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	1402	1205	1246	1430	1563	1015	1277	1244	1419	1257
Antlerless	339	351	259	971	1061	718	945	833	955	611
Total	1741	1556	1505	2401	2624	1733	2222	2077	2374	1868
Gun										
Antlered	830	708	897	960	1089	614	658	743	911	799
Antlerless	272	294	225	690	775	492	626	581	657	427
Total	1102	1002	1122	1650	1864	1106	1284	1324	1568	1226
Bow										
Antlered	270	213	124	142	142	109	164	123	111	97
Antlerless	30	14	11	91	80	59	87	65	83	46
Total	300	227	135	233	222	168	251	188	194	143
Crossbow										
Antlered	302	284	225	328	332	292	455	378	397	361
Antlerless	37	43	23	190	206	167	232	187	215	138
Total	339	327	248	518	538	459	687	565	612	499
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	224	233	214	149	192	148	147	90

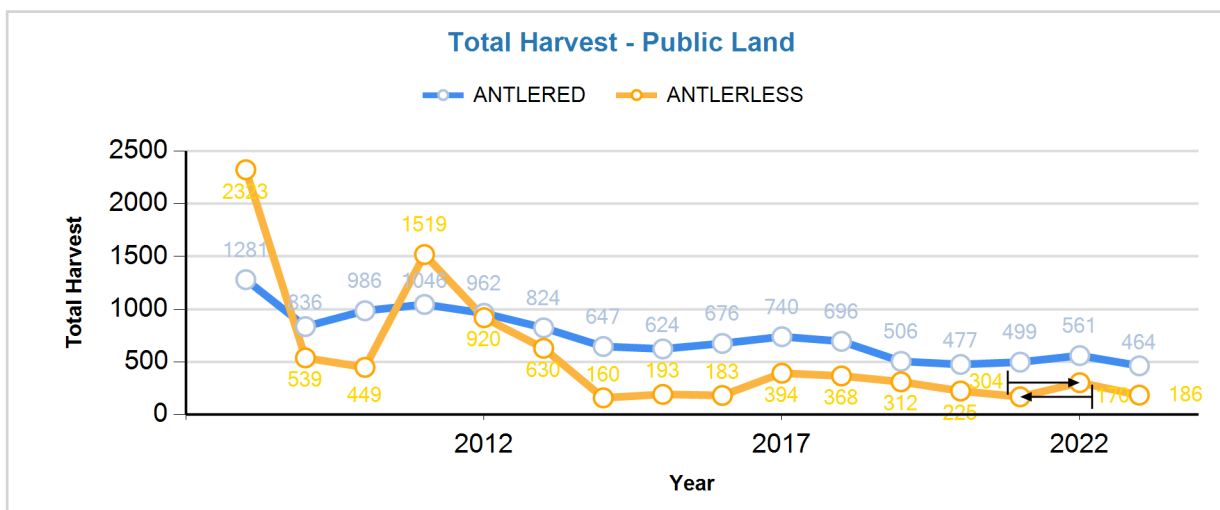
* Tribal and Youth Antlerless data are included in above totals where they apply

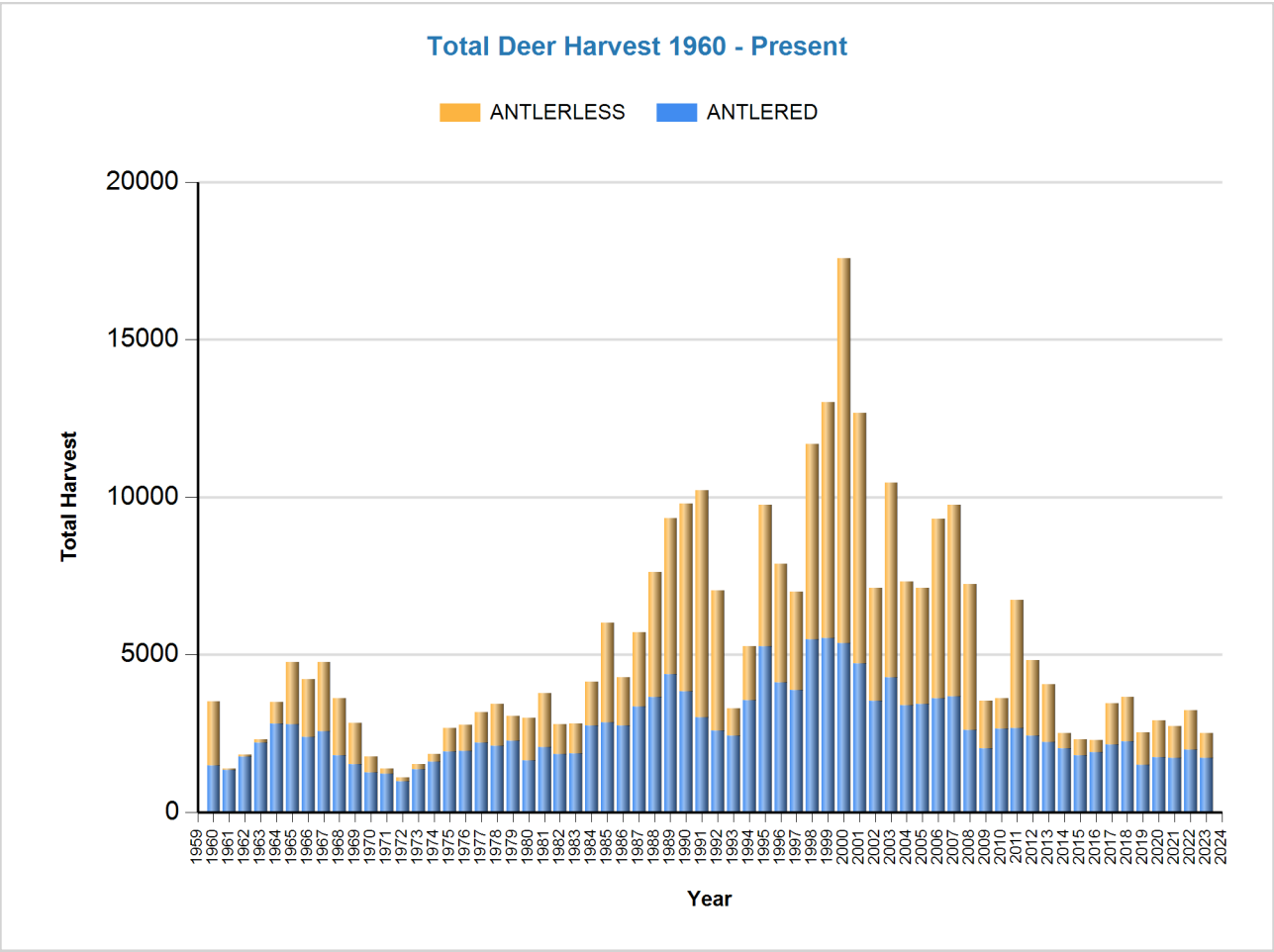


Total Harvest for Oneida County - Northern Forest Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	647	624	676	740	696	506	477	499	561	464
Antlerless	162	193	183	394	368	312	225	170	304	186
Total	809	817	859	1134	1064	818	702	669	865	650
Gun										
Antlered	419	384	516	539	549	302	275	339	367	313
Antlerless	115	120	113	274	285	226	153	130	238	138
Total	534	504	629	813	834	528	428	469	605	451
Bow										
Antlered	107	100	63	72	48	68	70	50	67	53
Antlerless	12	12	10	30	20	36	22	11	13	14
Total	119	112	73	102	68	104	92	61	80	67
Crossbow										
Antlered	101	119	76	95	79	122	121	101	113	92
Antlerless	8	11	6	37	47	39	35	23	41	27
Total	109	130	82	132	126	161	156	124	154	119
Tribal*										
Antlered	20	21	21	34	20	14	11	9	14	6
Antlerless	27	50	54	53	16	11	15	6	12	7
Total	47	71	75	87	36	25	26	15	26	13
Youth Antlerless*										
Antlerless	0	0	115	127	107	51	81	56	62	40

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

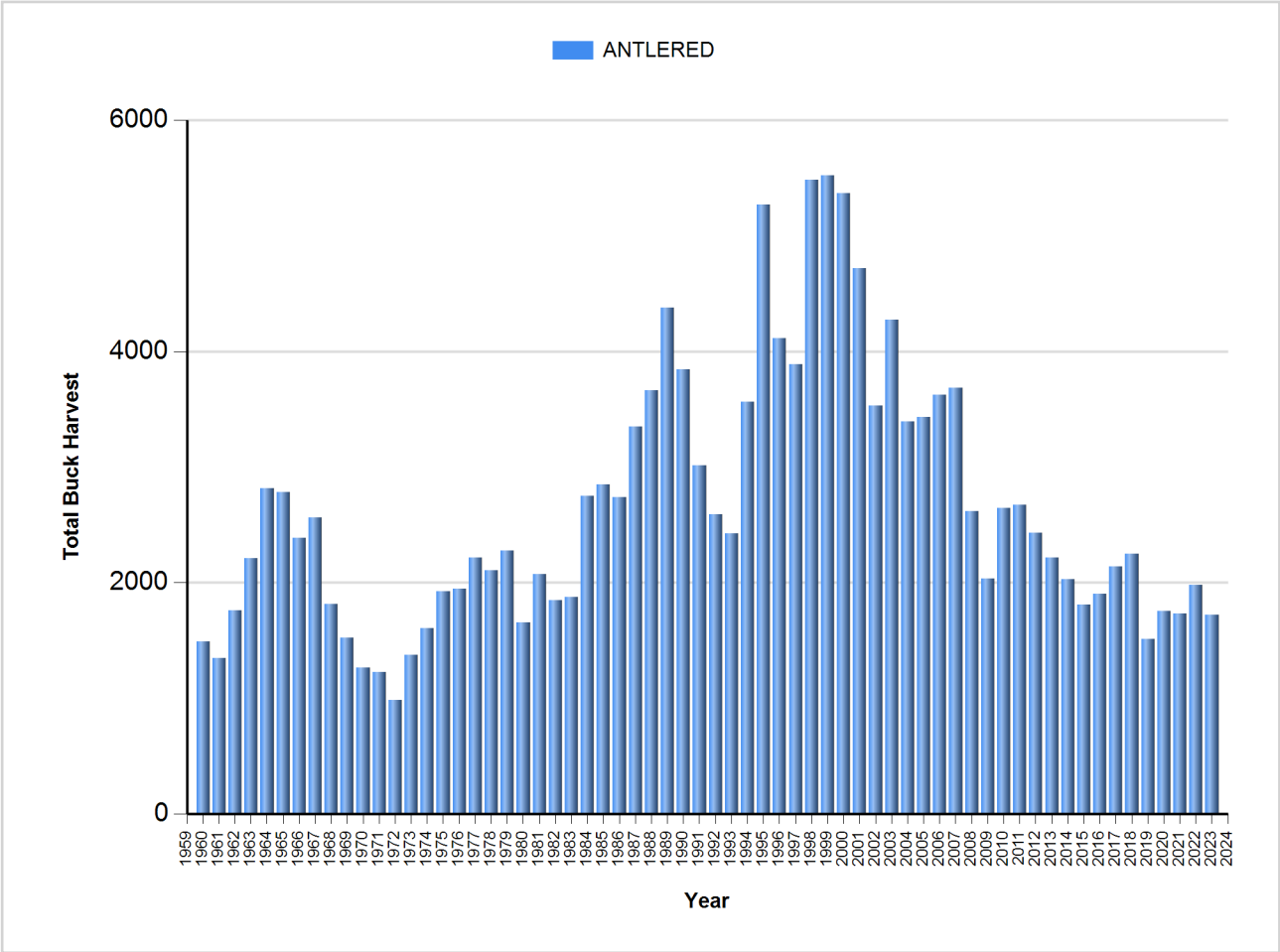




Total Buck Harvest 1960 - Present

Historic High: 1999 - 5,520

Historic Low: 1972 - 982

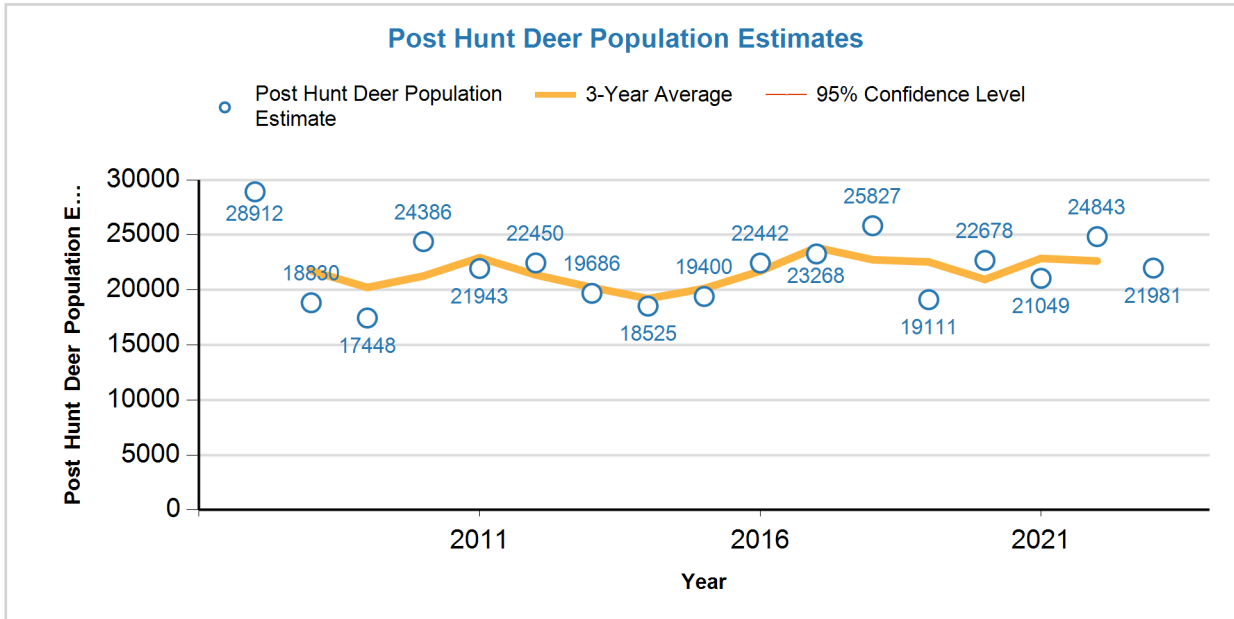


Antlerless Tag Issuance & Success for Oneida County - Northern Forest

Year	2020	2021	2022	2023
Farmland - Public				
Issued				
Killed				
Success Rate (%)				
Farmland - Private				
Issued				
Killed				
Success Rate (%)				
Farmland - Total				
Issued				
Killed				
Success Rate (%)				
Bonus- Public				
Available	500	500	1,000	500
Issued	500	500	1,001	500
Killed	123	103	216	110
Success Rate (%)	24.6	20.6	21.6	22.0
Bonus- Private				
Available	2,000	2,000	2,500	2,160
Issued	2,001	1,999	2,502	2,160
Killed	600	559	692	434
Success Rate (%)	30.0	28.0	27.7	20.1
Bonus- Total				
Available	2,500	2,500	3,500	2,660
Issued	2,501	2,499	3,503	2,660
Killed	723	662	908	544
Success Rate (%)	28.9	26.5	25.9	20.5

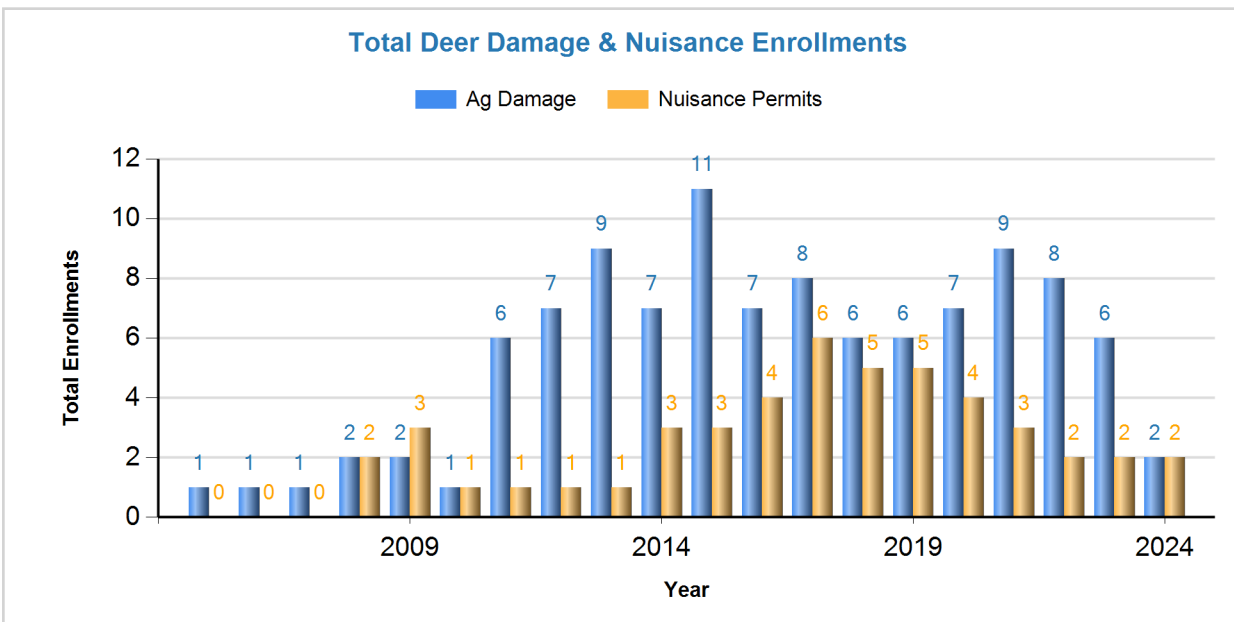
Herd Abundance

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

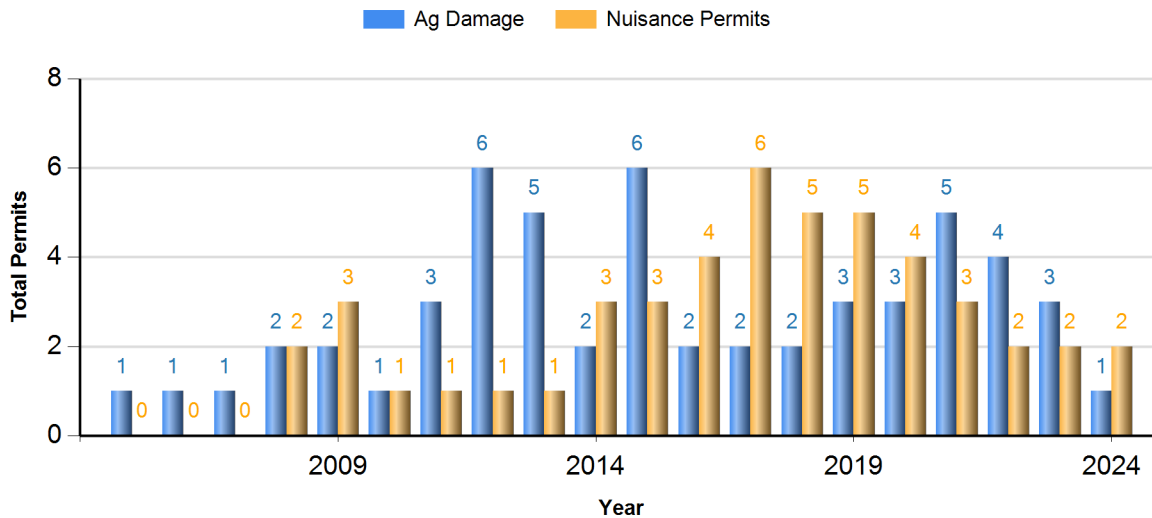


Deer Impacts – Agriculture & Nuisance Impacts

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



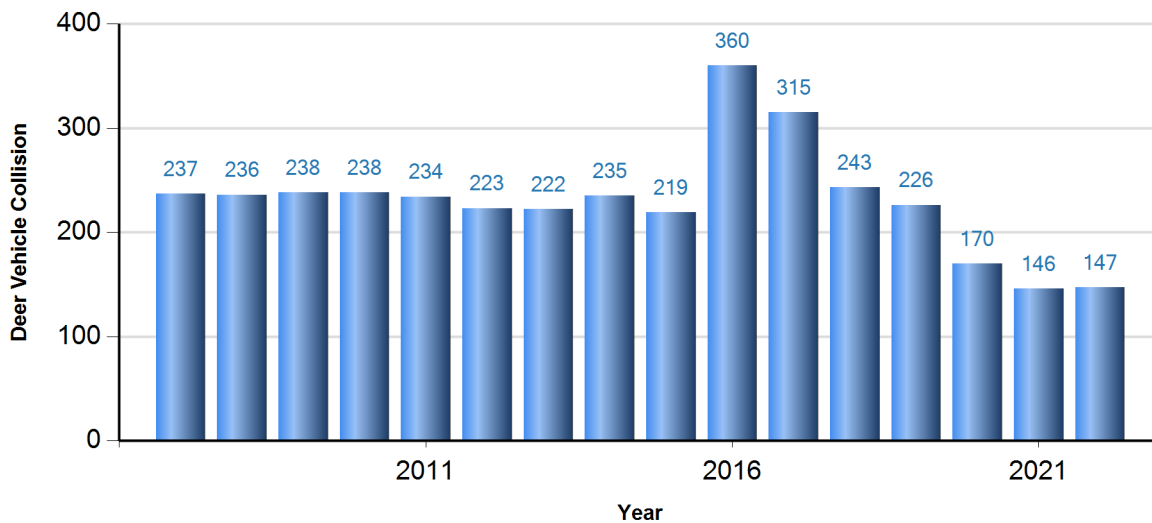
Total Deer Damage & Nuisance Shooting Permits Issued



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

