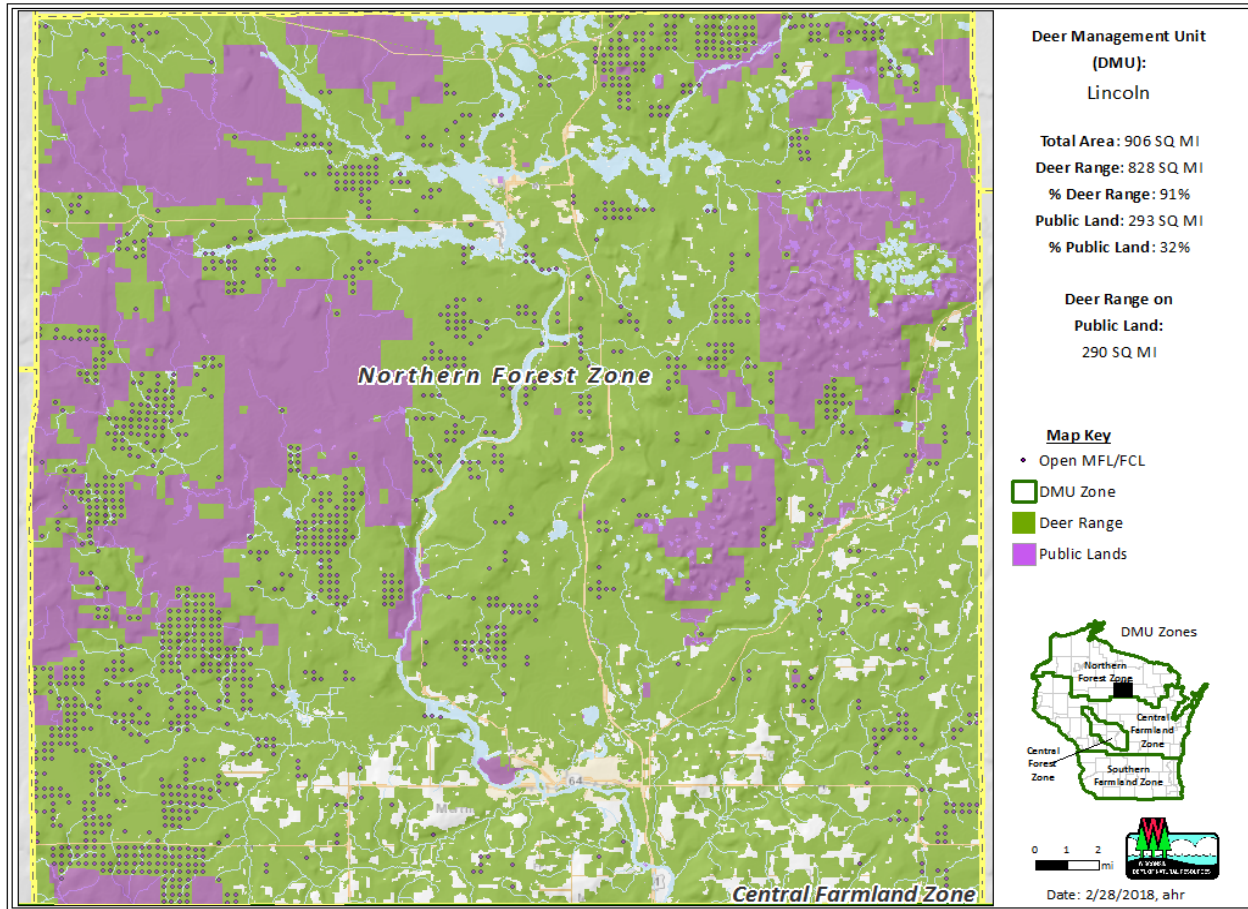


Lincoln County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Lincoln County Deer Management Unit is located in the Northern Forest Zone. Approximately 91 percent of the unit is considered suitable deer range. As a transitional northern forest unit, varied habitat creates uneven deer distribution throughout the unit. The ecological landscape of the southern one-third of the unit is transitional forest type predominantly used for agriculture. The central band, which extends north along the western border of the unit, is considered north-central forest and the far northeastern corner is northern highland. These two ecological landscapes dominant forest types include aspen and upland hardwood, with swamp hardwoods in the more lowland areas. Good winter cover for deer is common and well scattered throughout the unit. However, severe winters with deep snow and cold temperatures can have a significant impact on overwinter population losses and reproduction the following spring. With around 188,000 acres of public land, hunting opportunities are abundant. These properties include Lincoln County Forest, New Wood Wildlife Area, Bill Cross Wildlife Area and Menard Island Wildlife Area, as well as private and industrial forest land open to the public through the open Managed Forest Law and Forest Crop Land programs. The current deer herd management objective is to increase 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.

Northern Forest Management Zone

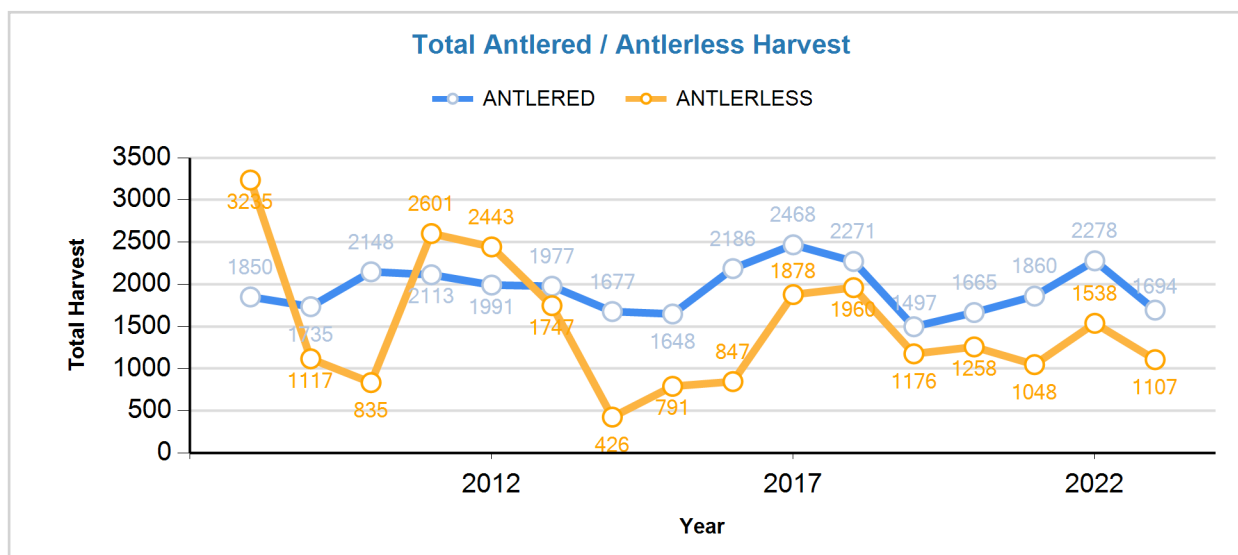
Total Area of Unit (Sq. Miles): 906.20

Deer Range of Unit (Sq. Miles): 827.50

Total Harvest for Lincoln County - Northern Forest Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	1677	1648	2186	2468	2271	1497	1665	1860	2278	1694
Antlerless	427	791	847	1879	1960	1176	1258	1048	1538	1107
Total	2104	2439	3033	4347	4231	2673	2923	2908	3816	2801
Gun										
Antlered	1077	1029	1409	1641	1669	926	903	1109	1475	1112
Antlerless	372	640	631	1327	1524	832	795	700	1037	775
Total	1449	1669	2040	2968	3193	1758	1698	1809	2512	1887
Bow										
Antlered	338	304	334	319	190	181	227	200	230	145
Antlerless	31	75	92	222	153	126	150	95	127	86
Total	369	379	426	541	343	307	377	295	357	231
Crossbow										
Antlered	262	314	443	508	408	390	534	551	570	437
Antlerless	21	75	122	329	278	218	313	253	371	246
Total	283	389	565	837	686	608	847	804	941	683
Tribal*										
Antlered	0	1	0	0	4	0	1	0	3	0
Antlerless	3	1	2	1	5	0	0	0	3	0
Total	3	2	2	1	9	0	1	0	6	0
Youth Antlerless*										
Antlerless	0	0	344	269	259	143	197	165	210	133

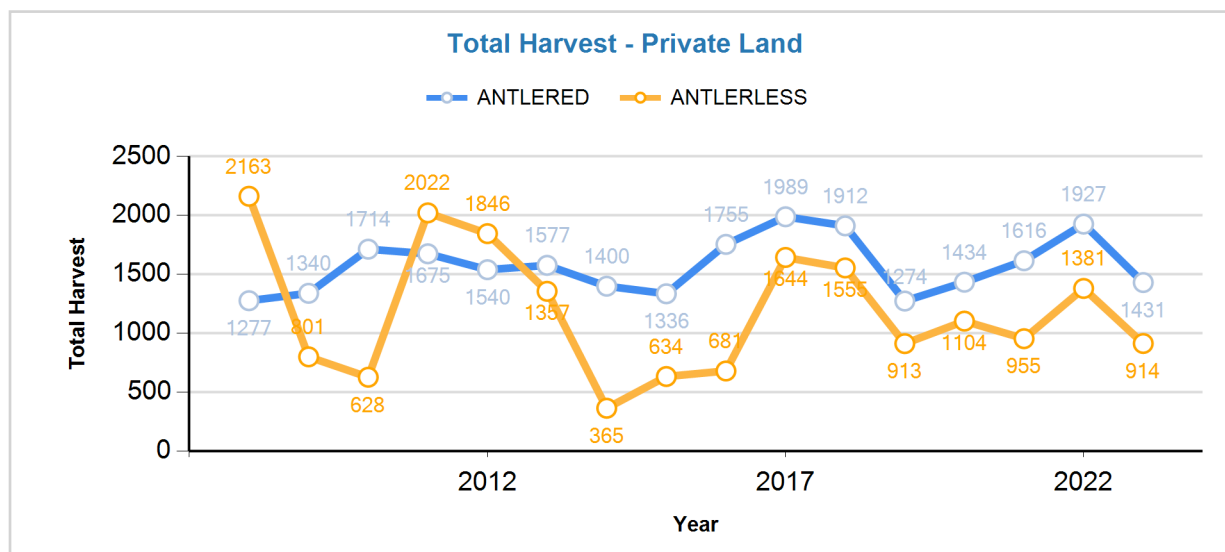
* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	1400	1336	1755	1989	1912	1274	1434	1616	1927	1431
Antlerless	366	634	681	1645	1555	913	1104	955	1381	914
Total	1766	1970	2436	3634	3467	2187	2538	2571	3308	2345
Gun										
Antlered	891	811	1122	1321	1389	782	763	931	1229	917
Antlerless	319	512	501	1150	1204	629	677	631	923	615
Total	1210	1323	1623	2471	2593	1411	1440	1562	2152	1532
Bow										
Antlered	269	244	263	251	155	152	195	175	197	120
Antlerless	28	58	77	200	116	95	135	86	110	72
Total	297	302	340	451	271	247	330	261	307	192
Crossbow										
Antlered	240	281	370	417	368	340	476	510	501	394
Antlerless	19	64	103	295	235	189	292	238	348	227
Total	259	345	473	712	603	529	768	748	849	621
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	271	207	212	117	168	144	175	116

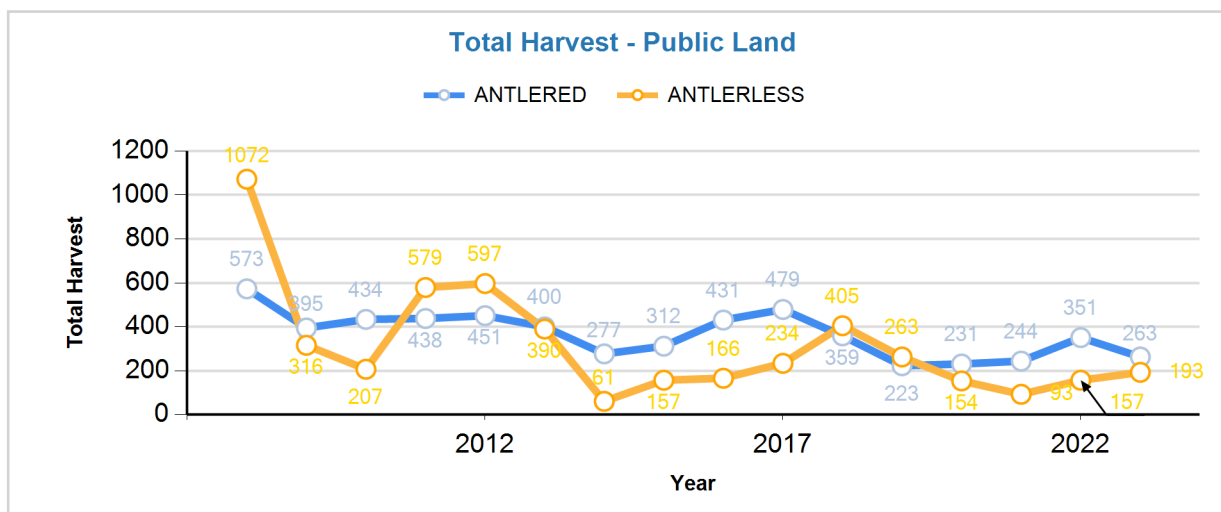
* Tribal and Youth Antlerless data are included in above totals where they apply



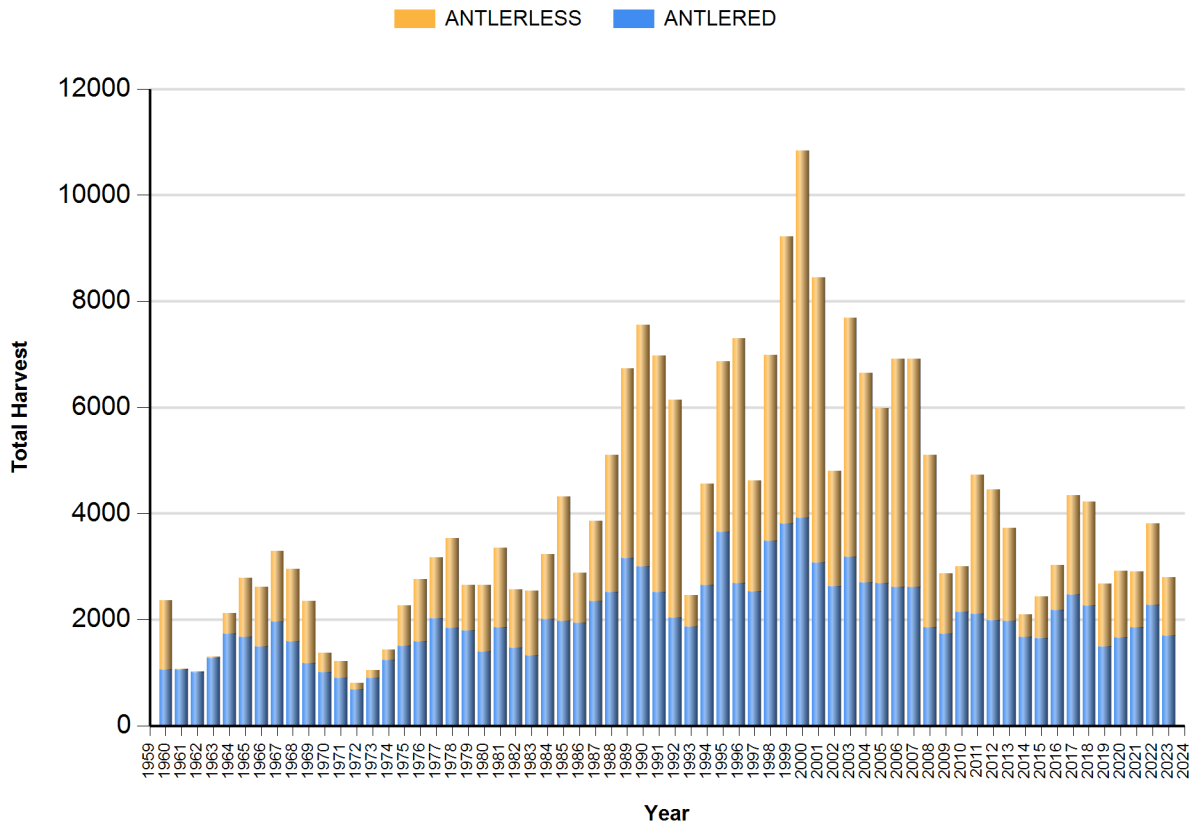
Total Harvest for Lincoln County - Northern Forest Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	277	312	431	479	359	223	231	244	351	263
Antlerless	61	157	166	234	405	263	154	93	157	193
Total	338	469	597	713	764	486	385	337	508	456
Gun										
Antlered	186	218	287	320	280	144	140	178	246	195
Antlerless	53	128	130	177	320	203	118	69	114	160
Total	239	346	417	497	600	347	258	247	360	355
Bow										
Antlered	69	60	71	68	35	29	32	25	33	25
Antlerless	3	17	15	22	37	31	15	9	17	14
Total	72	77	86	90	72	60	47	34	50	39
Crossbow										
Antlered	22	33	73	91	40	50	58	41	69	43
Antlerless	2	11	19	34	43	29	21	15	23	19
Total	24	44	92	125	83	79	79	56	92	62
Tribal*										
Antlered	0	1	0	0	4	0	1	0	3	0
Antlerless	3	1	2	1	5	0	0	0	3	0
Total	3	2	2	1	9	0	1	0	6	0
Youth Antlerless*										
Antlerless	0	0	73	62	47	26	29	21	35	17

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



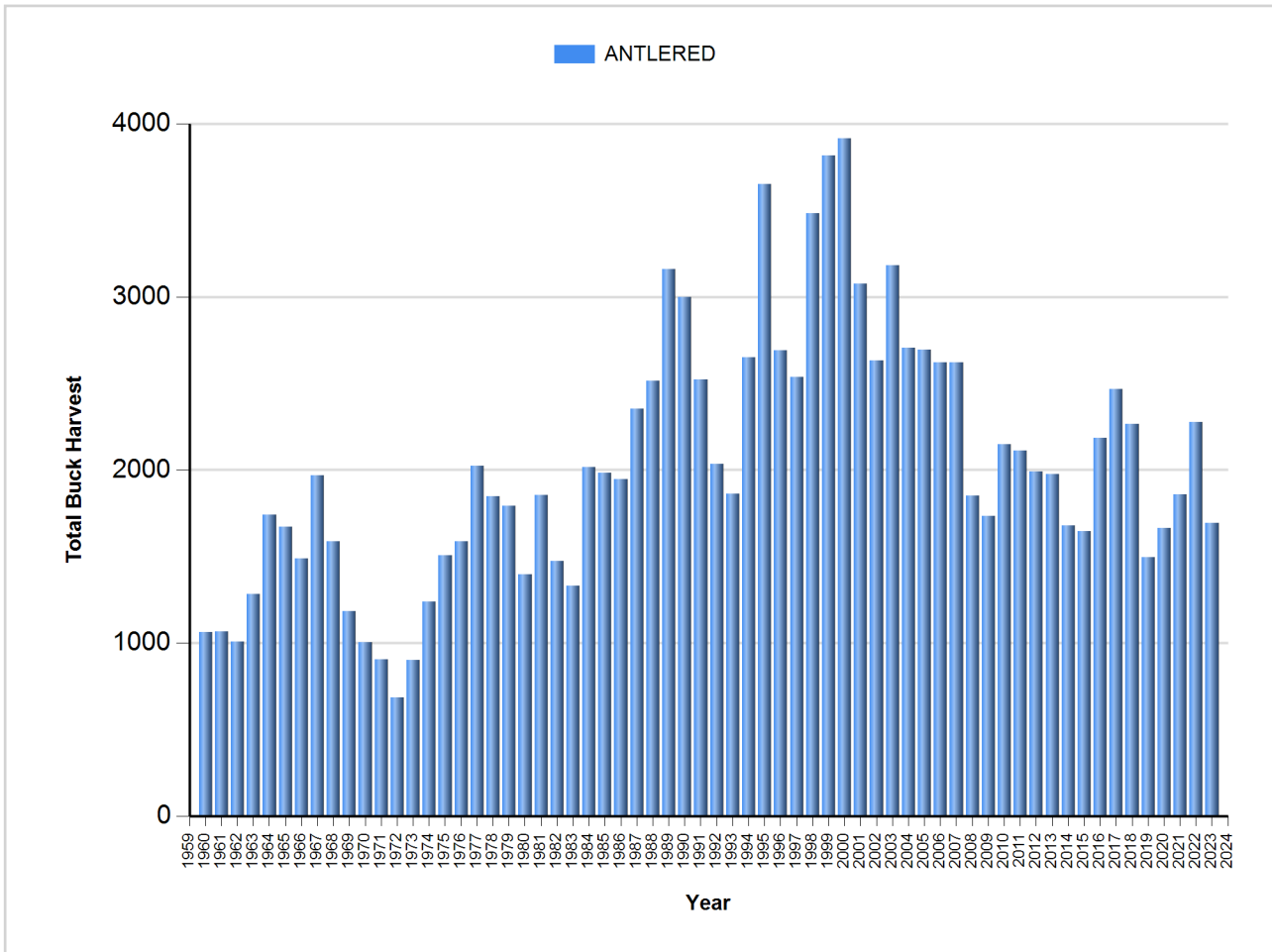
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 2000 - 3,918

Historic Low: 1972 - 684

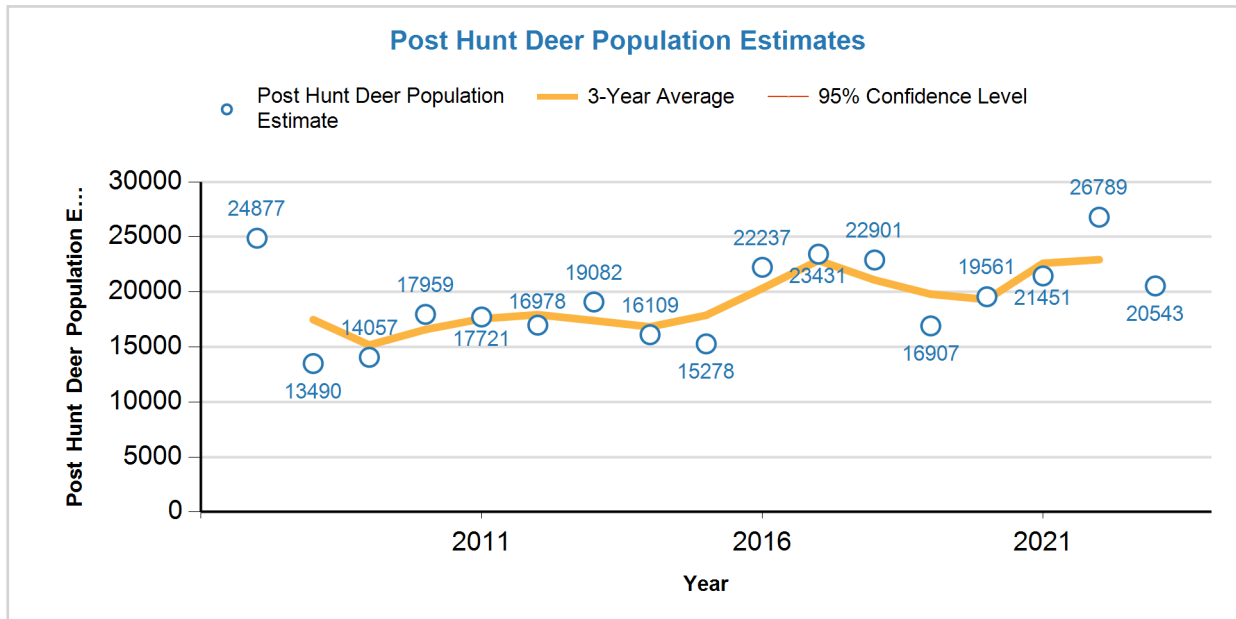


Antlerless Tag Issuance & Success for Lincoln County - Northern Forest

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	750	400	500	1,250
Issued	750	398	500	1,250
Killed	123	69	117	145
Success Rate (%)	16.4	17.3	23.4	11.6
Bonus- Private				
Available	4,000	3,600	4,500	4,750
Issued	4,003	3,601	4,503	4,759
Killed	859	729	1,137	764
Success Rate (%)	21.5	20.2	25.2	16.1
Bonus- Total				
Available	4,750	4,000	5,000	6,000
Issued	4,753	3,999	5,003	6,009
Killed	982	798	1,254	909
Success Rate (%)	20.7	20.0	25.1	15.1

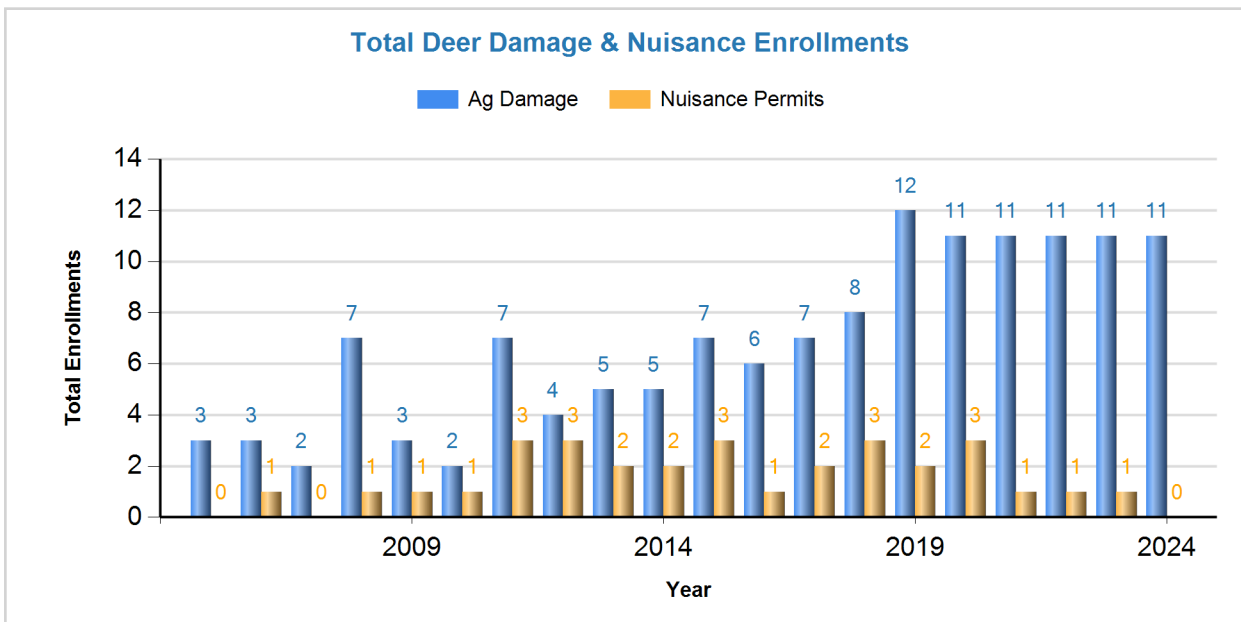
Herd Abundance

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

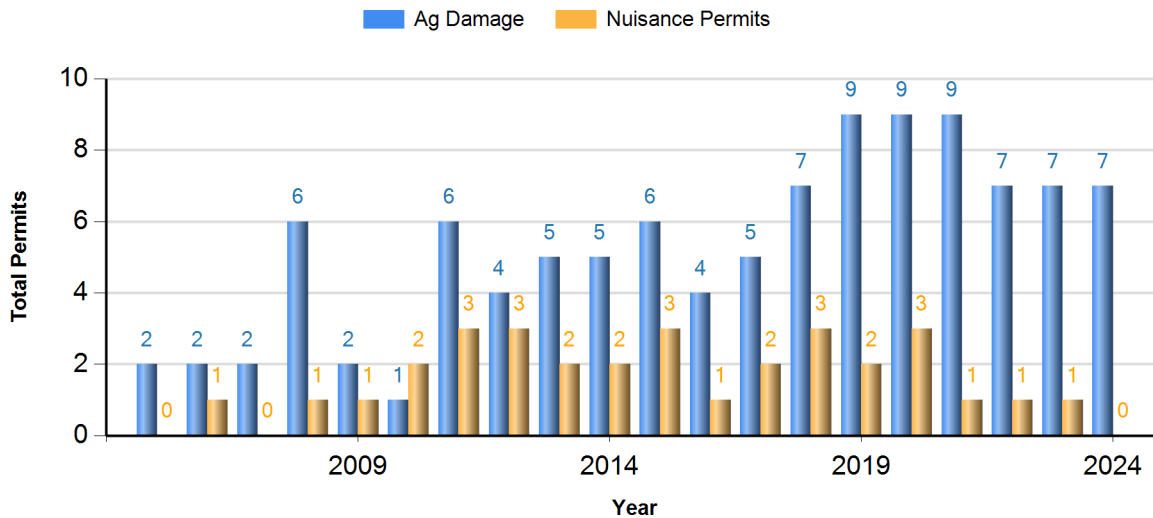


Deer Impacts – Agriculture & Nuisance Impacts

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



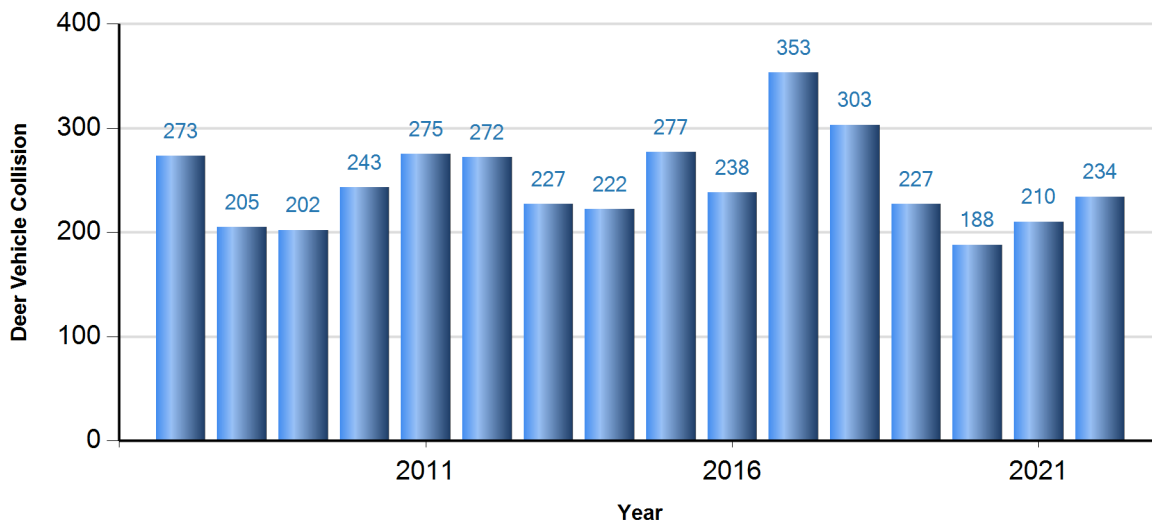
Total Deer Damage & Nuisance Shooting Permits Issued



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

