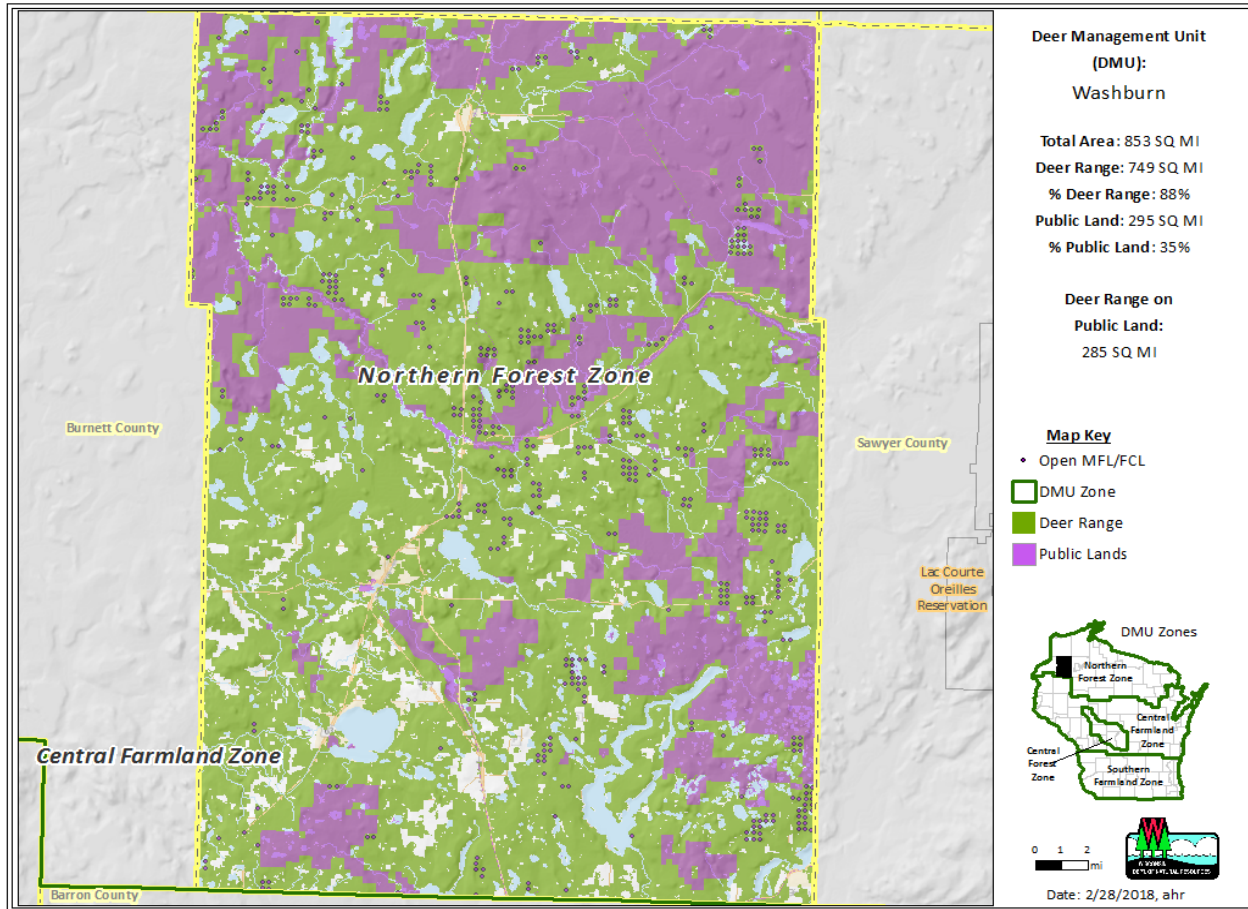


Washburn County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Washburn County Deer Management Unit is located in the Northern Forest Zone. Approximately 87 percent of the unit is considered suitable deer range. Land-cover varies greatly from north to south. The northwestern portion is a mix of jack pine, scrub oak and pine-oak barrens dotted with small seepage lakes and ponds. The soil is sand to loamy sand. The northeast portion is a mix of aspen, hardwoods with expanses of swamps and bogs. The southeast corner of the unit is comprised of rolling hills of oaks and pothole lakes. Farming is common in much of the southern portion and rare in the northern half. Public lands open to hunting comprise 35 percent of the unit. This includes almost 148,000 acres of Washburn County Forest, about 9,000 acres of Department of Natural Resources Wildlife and Fishery Areas, and almost 30,000 acres of industrial forest land open to the public through the open Managed Forest Land and Forest Crop Land programs. The current deer herd management objective is to increase the deer 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

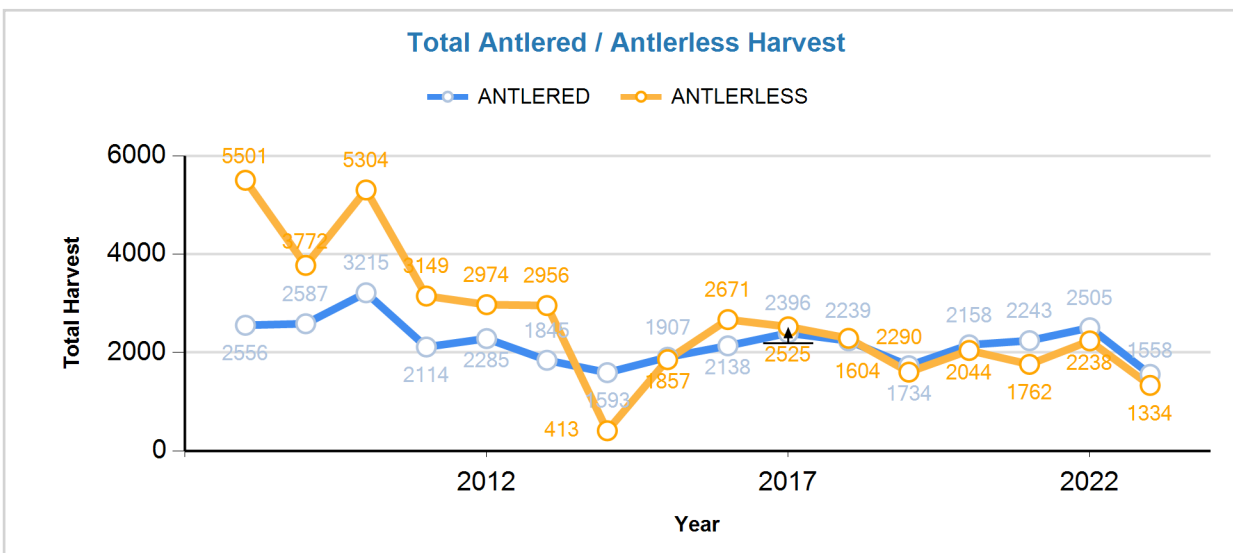
Total Area of Unit (Sq. Miles): 852.80

Deer Range of Unit (Sq. Miles): 748.80

Total Harvest for Washburn County - Northern Forest Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	1593	1907	2138	2396	2239	1734	2158	2243	2505	1558
Antlerless	425	1857	2671	2526	2290	1604	2044	1762	2238	1334
Total	2018	3764	4809	4922	4529	3338	4202	4005	4743	2892
Gun										
Antlered	1218	1339	1593	1665	1624	1180	1313	1476	1755	1073
Antlerless	362	1452	2171	1903	1794	1210	1480	1324	1706	1038
Total	1580	2791	3764	3568	3418	2390	2793	2800	3461	2111
Bow										
Antlered	198	305	251	252	194	197	298	243	205	142
Antlerless	23	183	218	242	171	144	214	156	180	89
Total	221	488	469	494	365	341	512	399	385	231
Crossbow										
Antlered	152	240	267	423	388	331	518	503	520	330
Antlerless	14	191	263	340	308	235	327	267	341	196
Total	166	431	530	763	696	566	845	770	861	526
Tribal*										
Antlered	25	23	27	56	33	26	29	21	25	13
Antlerless	26	31	19	41	17	15	23	15	11	11
Total	51	54	46	97	50	41	52	36	36	24
Youth Antlerless*										
Antlerless	0	0	308	253	230	147	209	151	215	106

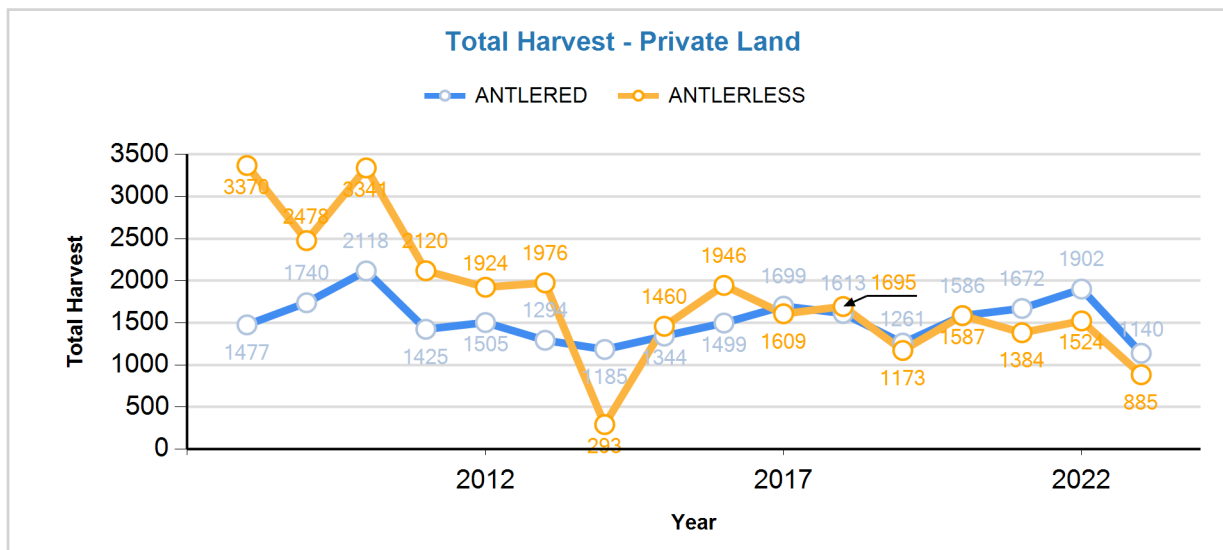
* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	1185	1344	1499	1699	1613	1261	1586	1672	1902	1140
Antlerless	303	1460	1946	1610	1695	1173	1587	1384	1524	885
Total	1488	2804	3445	3309	3308	2434	3173	3056	3426	2025
Gun										
Antlered	911	932	1117	1176	1174	862	958	1080	1308	781
Antlerless	276	1152	1595	1221	1357	915	1176	1045	1146	691
Total	1187	2084	2712	2397	2531	1777	2134	2125	2454	1472
Bow										
Antlered	148	220	180	180	132	127	218	179	158	101
Antlerless	16	142	150	154	113	90	156	115	122	64
Total	164	362	330	334	245	217	374	294	280	165
Crossbow										
Antlered	126	192	202	343	307	272	410	413	436	258
Antlerless	11	166	201	235	225	168	255	224	256	130
Total	137	358	403	578	532	440	665	637	692	388
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	230	185	182	116	159	117	177	89

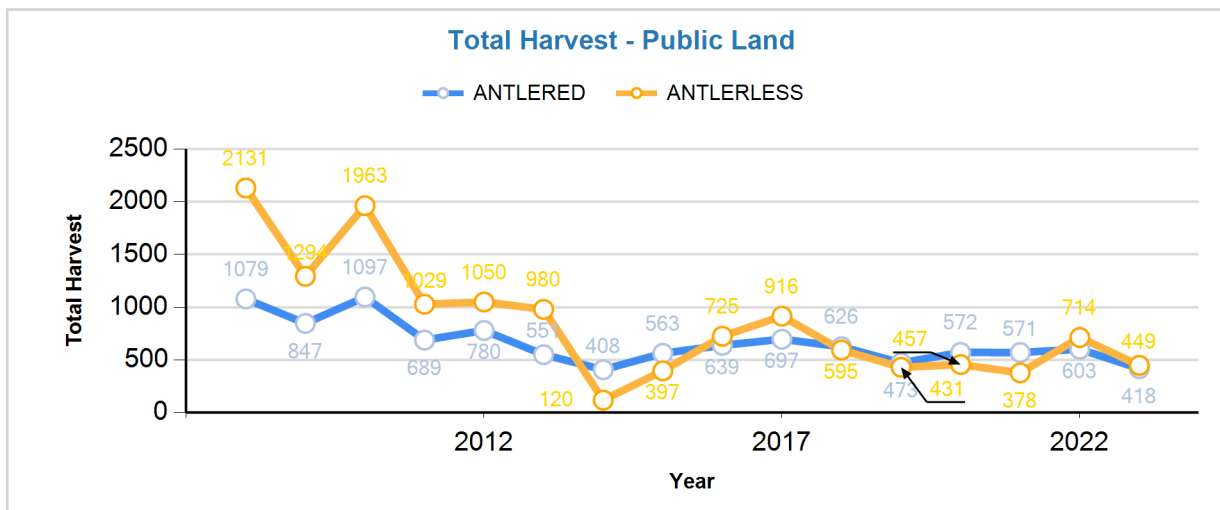
* Tribal and Youth Antlerless data are included in above totals where they apply



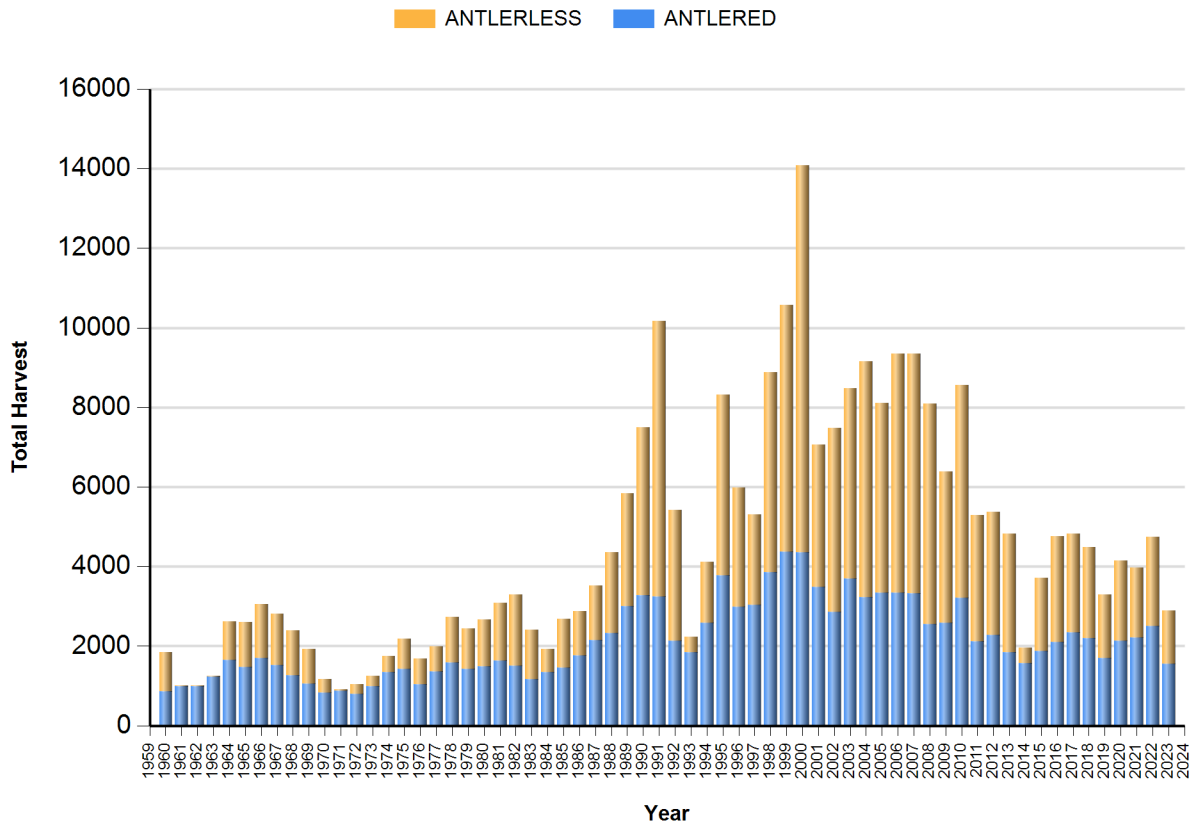
Total Harvest for Washburn County - Northern Forest Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	408	563	639	697	626	473	572	571	603	418
Antlerless	122	397	725	916	595	431	457	378	714	449
Total	530	960	1364	1613	1221	904	1029	949	1317	867
Gun										
Antlered	307	407	476	489	450	318	355	396	447	292
Antlerless	86	300	576	682	437	295	304	279	560	347
Total	393	707	1052	1171	887	613	659	675	1007	639
Bow										
Antlered	50	85	71	72	62	70	80	64	47	41
Antlerless	7	41	68	88	58	54	58	41	58	25
Total	57	126	139	160	120	124	138	105	105	66
Crossbow										
Antlered	26	48	65	80	81	59	108	90	84	72
Antlerless	3	25	62	105	83	67	72	43	85	66
Total	29	73	127	185	164	126	180	133	169	138
Tribal*										
Antlered	25	23	27	56	33	26	29	21	25	13
Antlerless	26	31	19	41	17	15	23	15	11	11
Total	51	54	46	97	50	41	52	36	36	24
Youth Antlerless*										
Antlerless	0	0	78	68	48	31	50	34	38	17

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



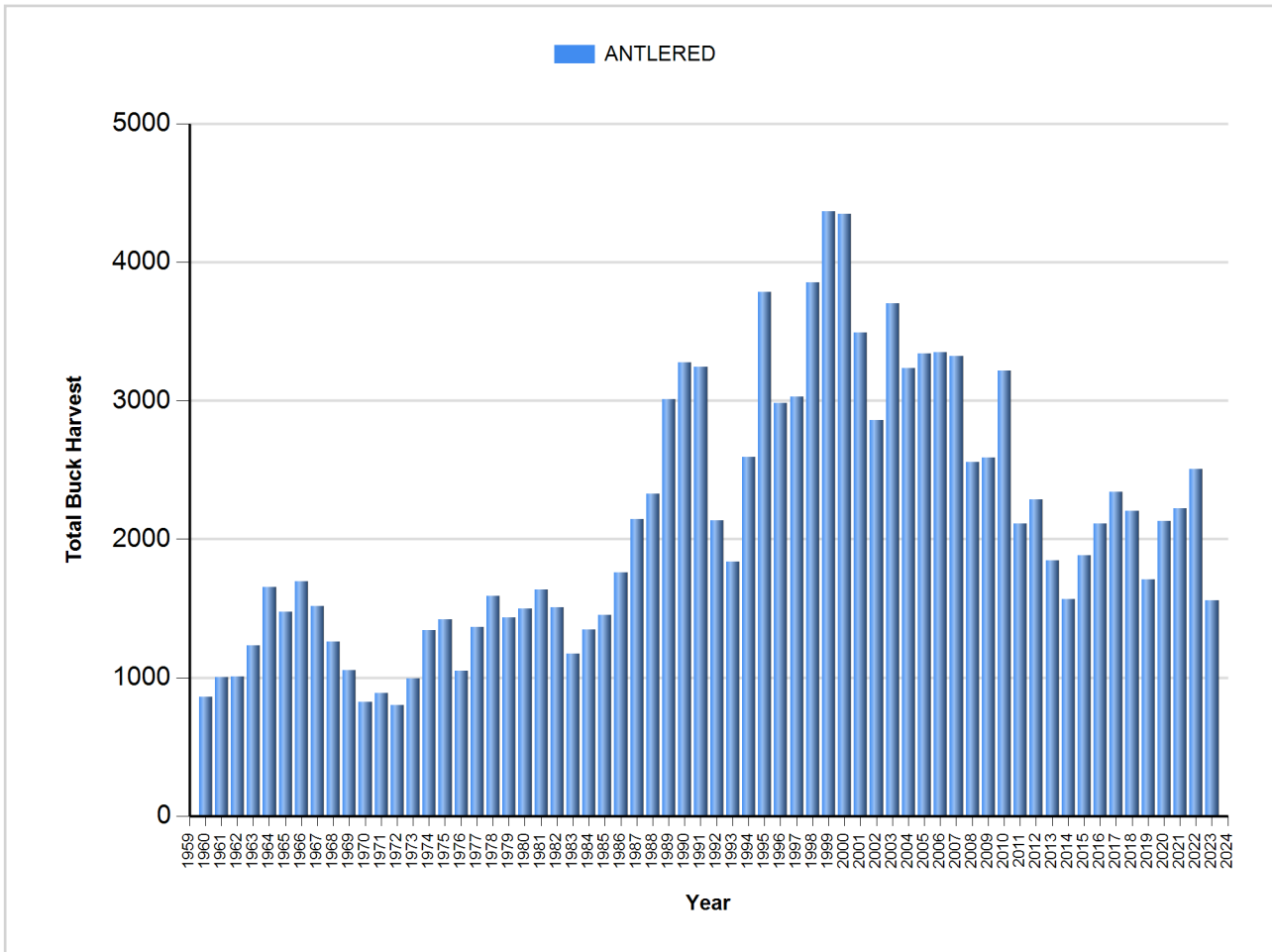
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 1999 - 4,368

Historic Low: 1972 - 801

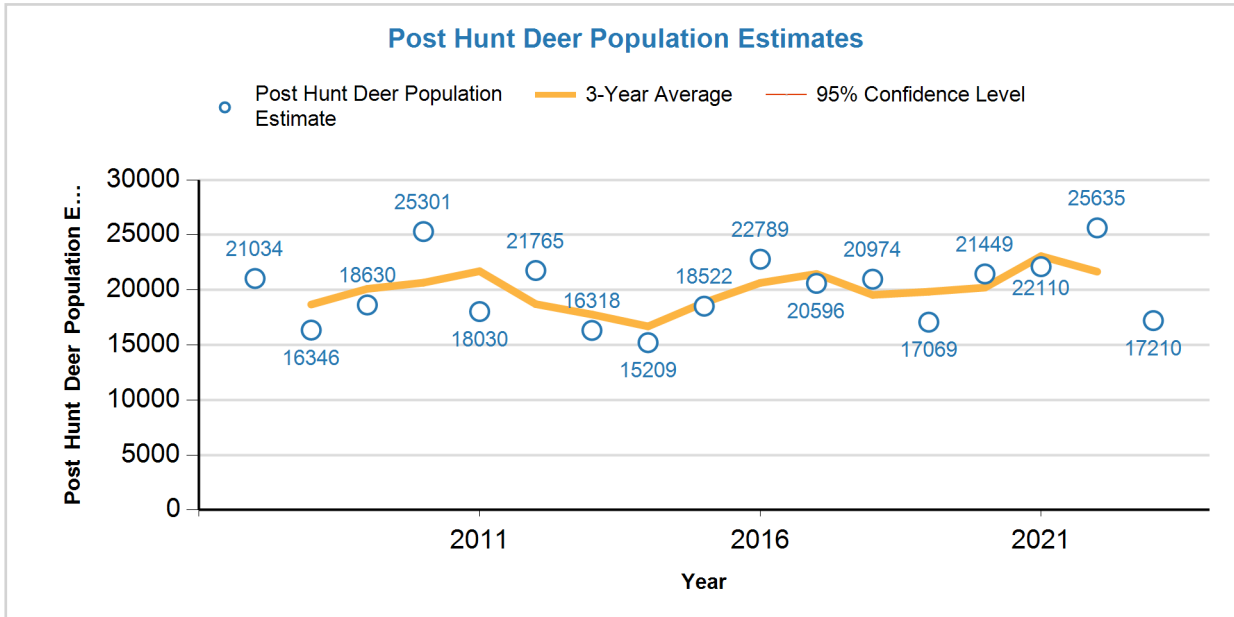


Antlerless Tag Issuance & Success for Washburn County - Northern Forest

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	1,800	1,500	3,100	3,100
Issued	1,798	1,501	3,101	3,100
Killed	378	326	661	397
Success Rate (%)	21.0	21.7	21.3	12.8
Bonus- Private				
Available	6,000	6,000	6,000	6,000
Issued	5,309	5,346	4,758	4,151
Killed	1,354	1,211	1,283	774
Success Rate (%)	25.5	22.7	27.0	18.6
Bonus- Total				
Available	7,800	7,500	9,100	9,100
Issued	7,107	6,847	7,859	7,251
Killed	1,732	1,537	1,944	1,171
Success Rate (%)	24.4	22.4	24.7	16.1

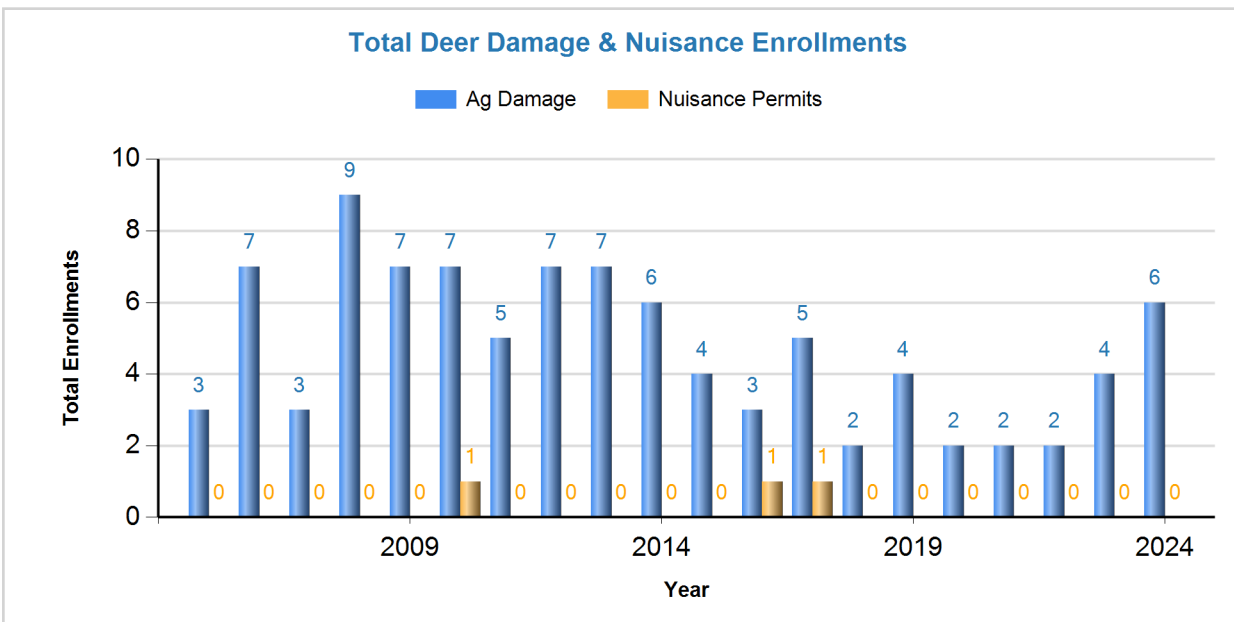
Herd Abundance

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

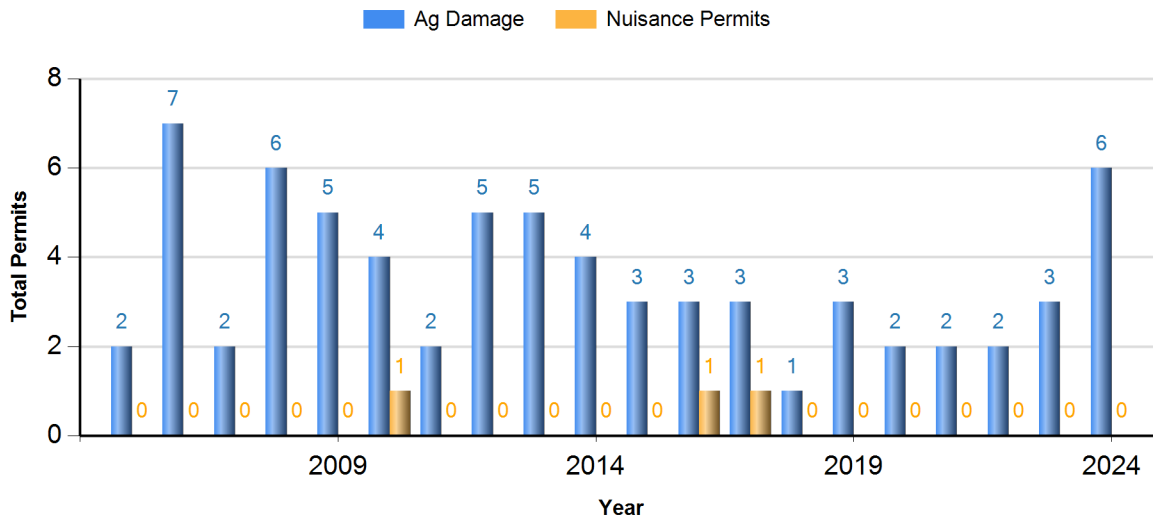


Deer Impacts – Agriculture & Nuisance Impacts

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



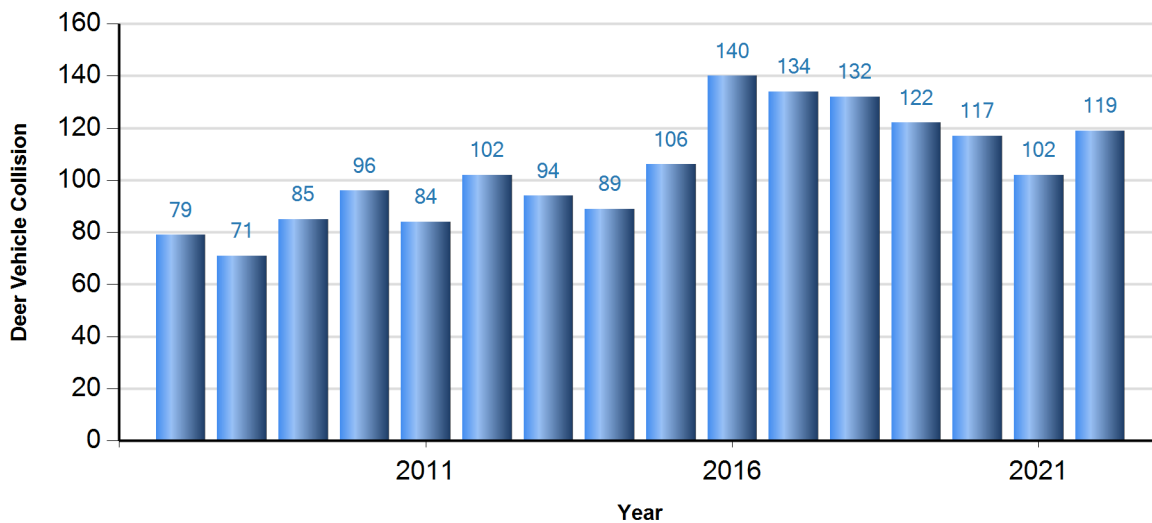
Total Deer Damage & Nuisance Shooting Permits Issued



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

