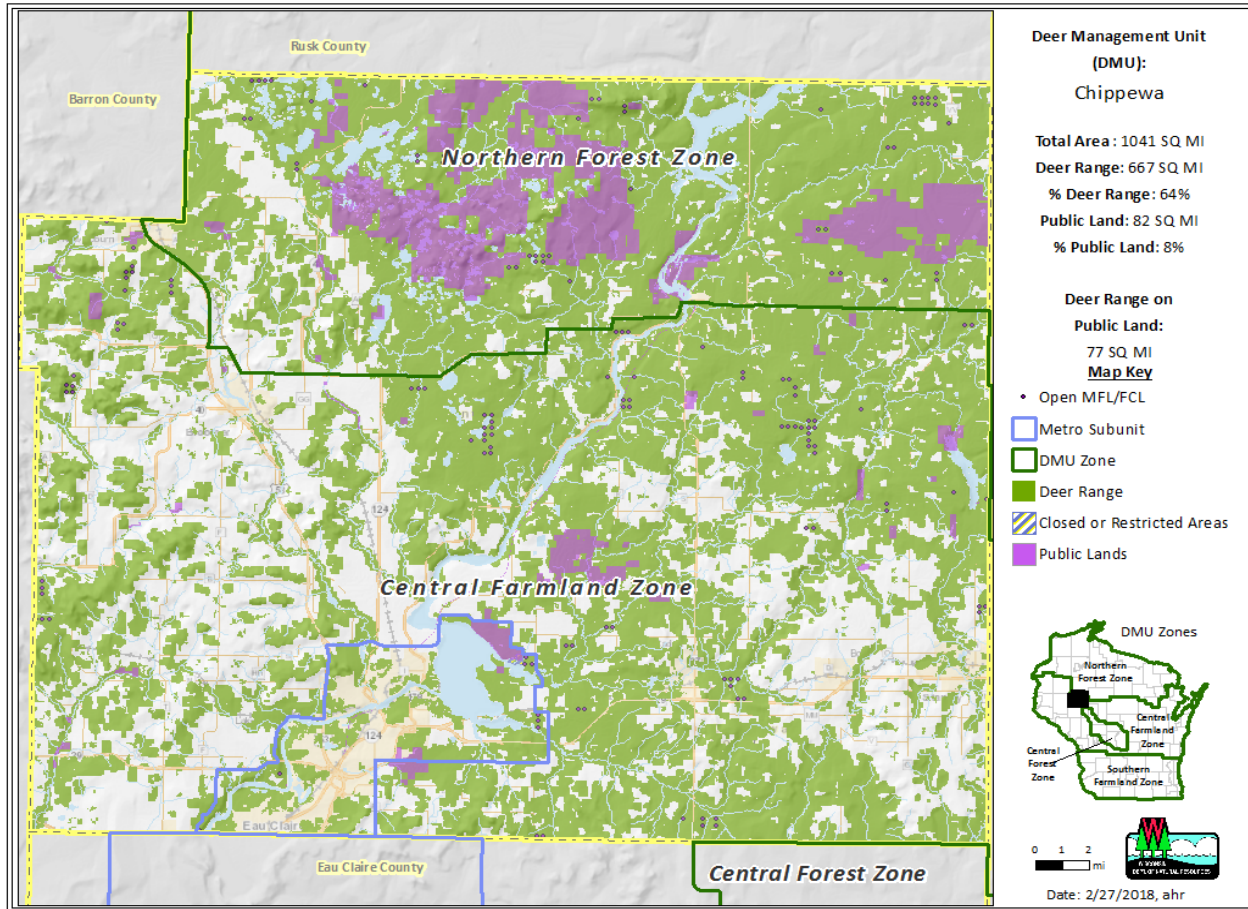


Chippewa County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The southern two-thirds of Chippewa County is located in the Central Farmland Zone and the northern one-third of Chippewa County is located in the Northern Forest Zone, with Highway 64 and Highway 53 serving as the zone boundary. Approximately 63 percent of the unit is considered suitable deer range (665.9 square miles). The unit is an ecologically diverse landscape with Driftless coulee features in the southwest, extensive farmlands stretching from the northwest to the southeast and a mix of farmland and northern forests in the northeast. Forest types range from mature mixed-oak sawtimber to early-successional regenerating aspen, as well as scattered stands of sugar maple-dominated northern hardwoods. The northern portion of the unit contains a large block of public forest land comprised primarily of Chippewa County Forest, as well as the Chippewa Moraine State Recreation Area and the Brunet Island State Park. The central portion of the unit contains scattered public lands open to hunting including the Tom Lawin Wildlife Area and Lake Wissota State Park. There are small Fisheries Management Areas scattered throughout the county. The Chippewa River runs through the midsection flowing from the northeast to the southwest, through glacial moraine and outwash topography. Antlered buck harvest averages of 2-3 bucks per square mile of deer range and the average yearling buck percentage is 52%. The current deer herd management objective in both the Forest and Farmland Zones 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): 735.70
- Deer Range of Unit (Sq. Miles): 419.10

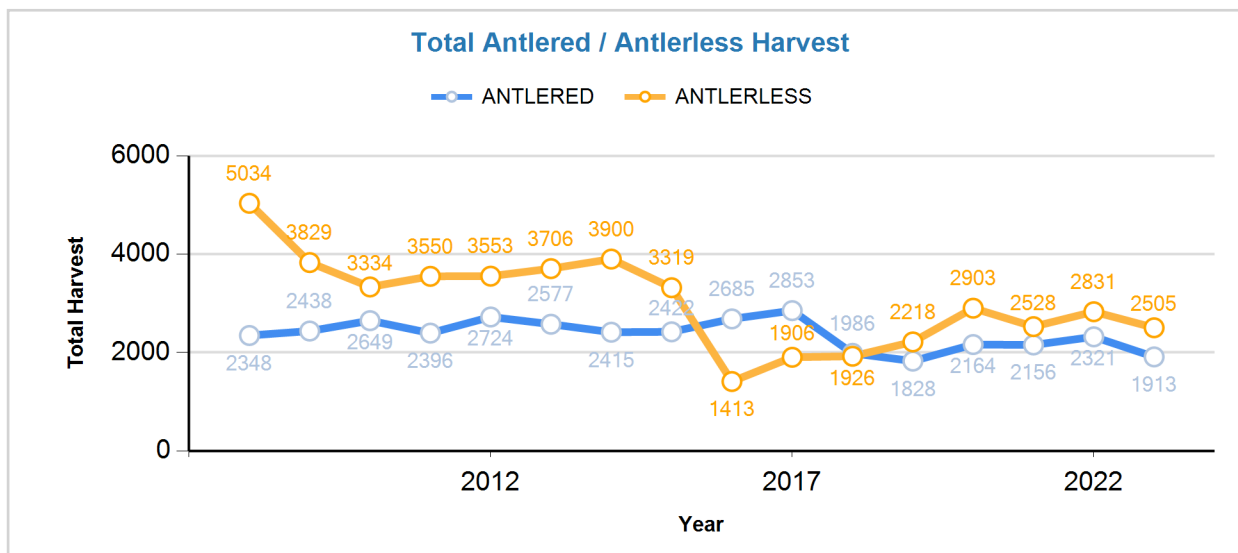
Northern Forest Management Zone

- Total Area of Unit (Sq. Miles): 304.70
- Deer Range of Unit (Sq. Miles): 247.90

Total Harvest for Chippewa County - Central Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2415	2422	2685	2853	1986	1828	2164	2156	2321	1913
Antlerless	3958	3319	1413	1906	1926	2218	2903	2528	2831	2505
Total	6373	5741	4098	4759	3912	4046	5067	4684	5152	4418
Gun										
Antlered	1568	1516	1661	1784	1392	1098	1227	1255	1492	1166
Antlerless	2954	2546	1034	1359	1531	1619	2005	1892	2167	1862
Total	4522	4062	2695	3143	2923	2717	3232	3147	3659	3028
Bow										
Antlered	538	527	545	490	242	306	353	312	265	270
Antlerless	642	452	199	250	160	250	329	227	251	210
Total	1180	979	744	740	402	556	682	539	516	480
Crossbow										
Antlered	307	376	477	575	351	424	584	589	564	477
Antlerless	362	318	179	295	234	349	569	409	413	433
Total	669	694	656	870	585	773	1153	998	977	910
Tribal*										
Antlered	2	3	2	4	1	0	0	0	0	0
Antlerless	0	3	1	2	1	0	0	0	0	0
Total	2	6	3	6	2	0	0	0	0	0
Youth Antlerless*										
Antlerless	0	0	460	429	293	145	194	177	201	111

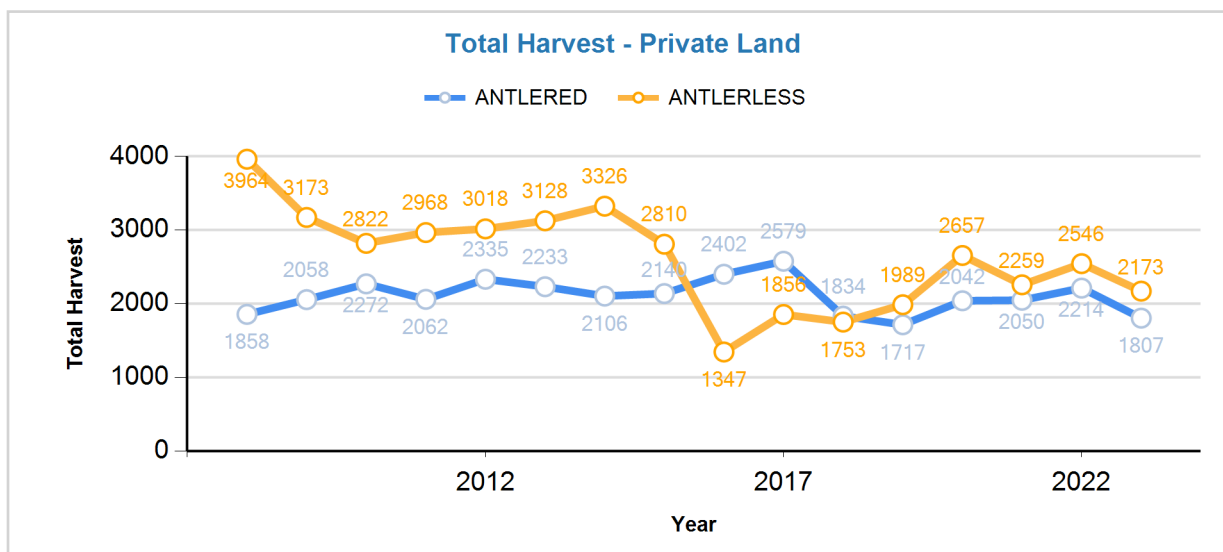
* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2106	2140	2402	2579	1834	1717	2042	2050	2214	1807
Antlerless	3377	2810	1347	1856	1753	1989	2657	2259	2546	2173
Total	5483	4950	3749	4435	3587	3706	4699	4309	4760	3980
Gun										
Antlered	1361	1328	1476	1601	1283	1033	1167	1194	1430	1109
Antlerless	2534	2148	977	1323	1396	1463	1831	1703	1960	1621
Total	3895	3476	2453	2924	2679	2496	2998	2897	3390	2730
Bow										
Antlered	460	469	483	444	222	282	328	287	246	250
Antlerless	530	381	193	240	142	212	295	186	213	175
Total	990	850	676	684	364	494	623	473	459	425
Crossbow										
Antlered	285	343	443	534	329	402	547	569	538	448
Antlerless	313	281	177	293	215	314	531	370	373	377
Total	598	624	620	827	544	716	1078	939	911	825
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	404	385	260	140	182	168	190	104

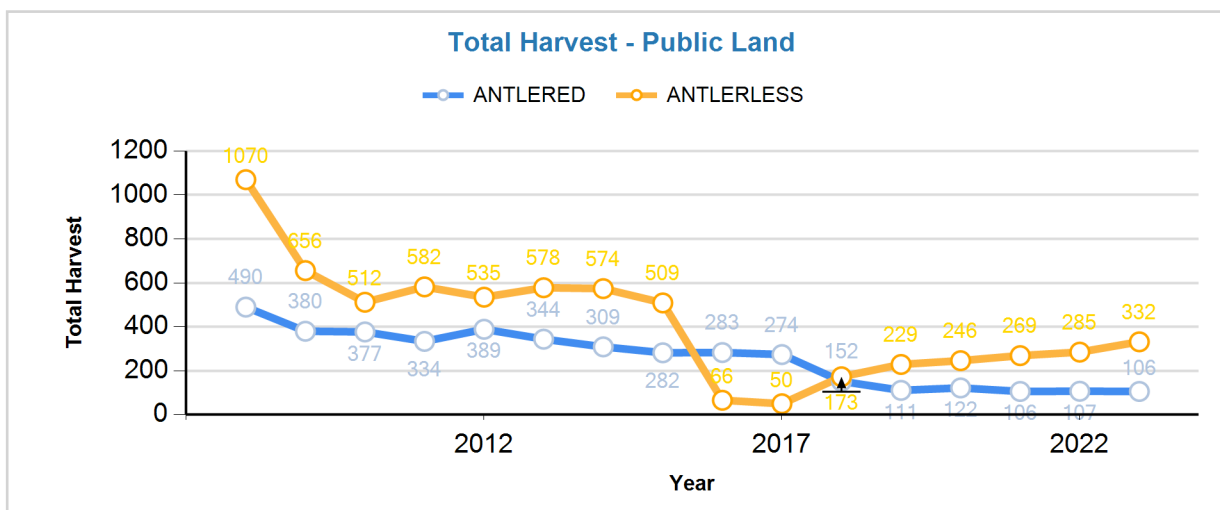
* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	309	282	283	274	152	111	122	106	107	106
Antlerless	581	509	66	50	173	229	246	269	285	332
Total	890	791	349	324	325	340	368	375	392	438
Gun										
Antlered	207	188	185	183	109	65	60	61	62	57
Antlerless	420	398	57	36	135	156	174	189	207	241
Total	627	586	242	219	244	221	234	250	269	298
Bow										
Antlered	78	58	62	46	20	24	25	25	19	20
Antlerless	112	71	6	10	18	38	34	41	38	35
Total	190	129	68	56	38	62	59	66	57	55
Crossbow										
Antlered	22	33	34	41	22	22	37	20	26	29
Antlerless	49	37	2	2	19	35	38	39	40	56
Total	71	70	36	43	41	57	75	59	66	85
Tribal*										
Antlered	2	3	2	4	1	0	0	0	0	0
Antlerless	0	3	1	2	1	0	0	0	0	0
Total	2	6	3	6	2	0	0	0	0	0
Youth Antlerless*										
Antlerless	0	0	56	44	33	5	12	9	11	7

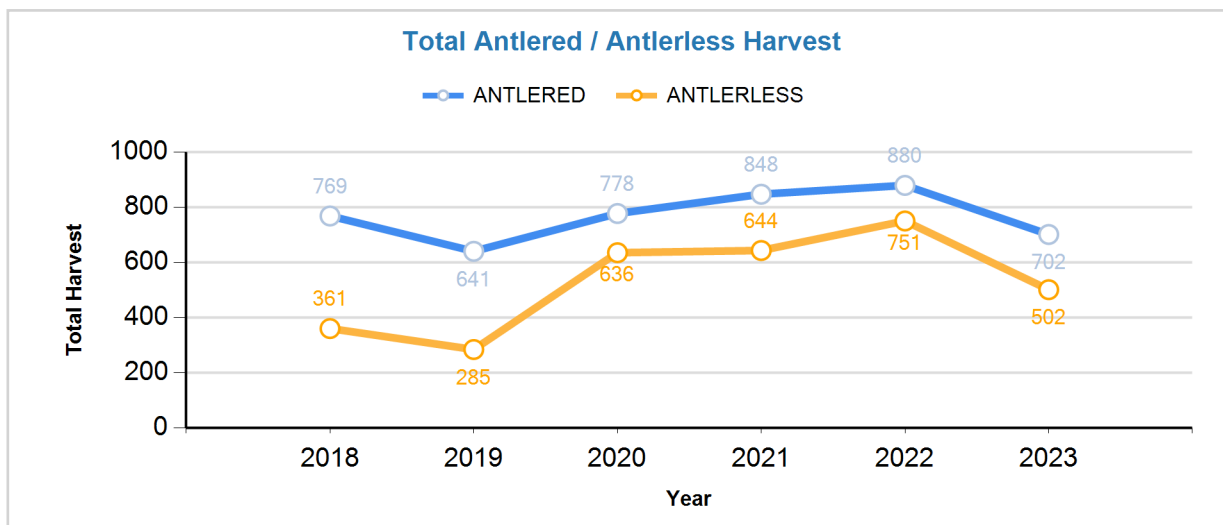
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Chippewa County - Northern Forest Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered					769	641	778	848	880	702
Antlerless					361	285	636	644	751	502
Total					1130	926	1414	1492	1631	1204
Gun										
Antlered					577	392	464	529	593	435
Antlerless					293	215	480	496	598	397
Total					870	607	944	1025	1191	832
Bow										
Antlered					80	119	130	120	102	97
Antlerless					26	27	67	56	50	45
Total					106	146	197	176	152	142
Crossbow										
Antlered					112	128	182	195	185	167
Antlerless					42	43	83	91	101	60
Total					154	171	265	286	286	227
Tribal*										
Antlered					0	2	2	4	0	3
Antlerless					0	0	6	1	2	0
Total					0	2	8	5	2	3
Youth Antlerless*										
Antlerless					135	88	85	83	105	66

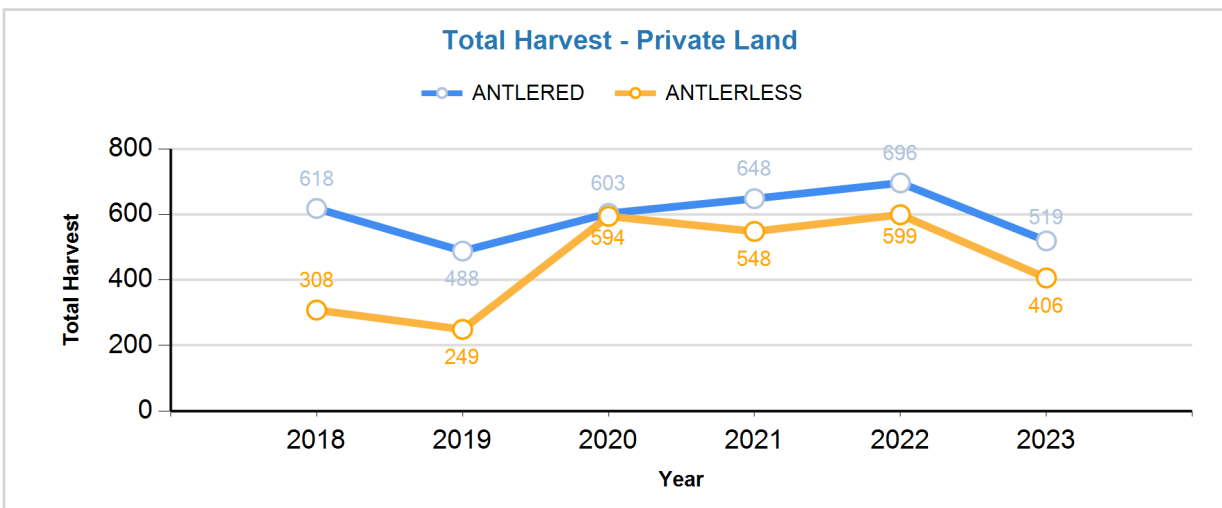
* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered					618	488	603	648	696	519
Antlerless					308	249	594	548	599	406
Total					926	737	1197	1196	1295	925
Gun										
Antlered					449	294	352	398	460	308
Antlerless					249	186	452	415	466	320
Total					698	480	804	813	926	628
Bow										
Antlered					69	93	96	88	79	70
Antlerless					18	22	63	44	38	33
Total					87	115	159	132	117	103
Crossbow										
Antlered					100	101	155	162	157	141
Antlerless					41	41	79	89	95	53
Total					141	142	234	251	252	194
Tribal*										
Antlered					0	0	0	0	0	0
Antlerless					0	0	0	0	0	0
Total					0	0	0	0	0	0
Youth Antlerless*										
Antlerless					104	67	75	66	78	54

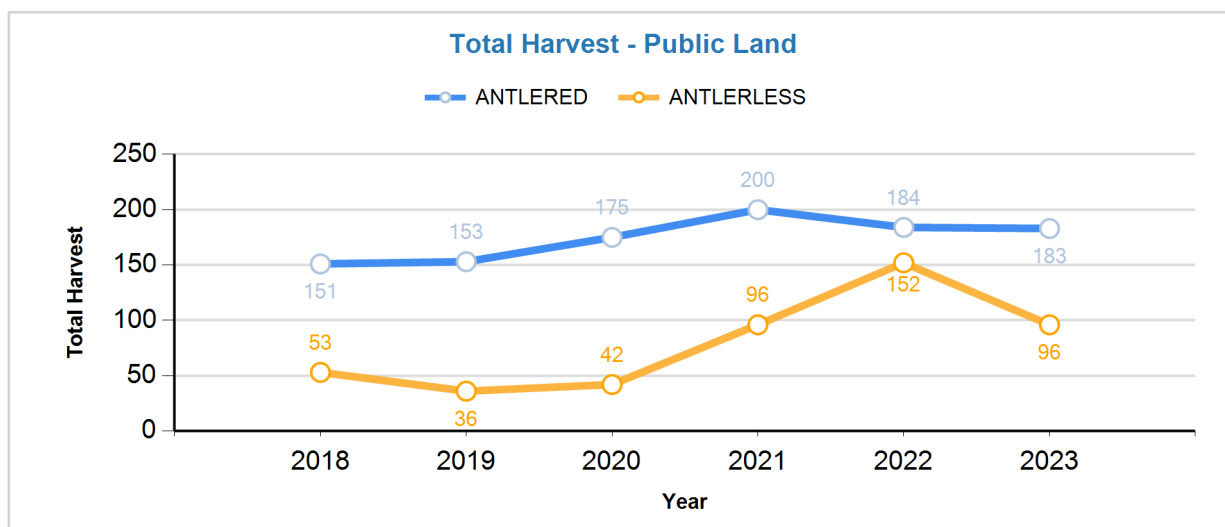
* Tribal and Youth Antlerless data are included in above totals where they apply

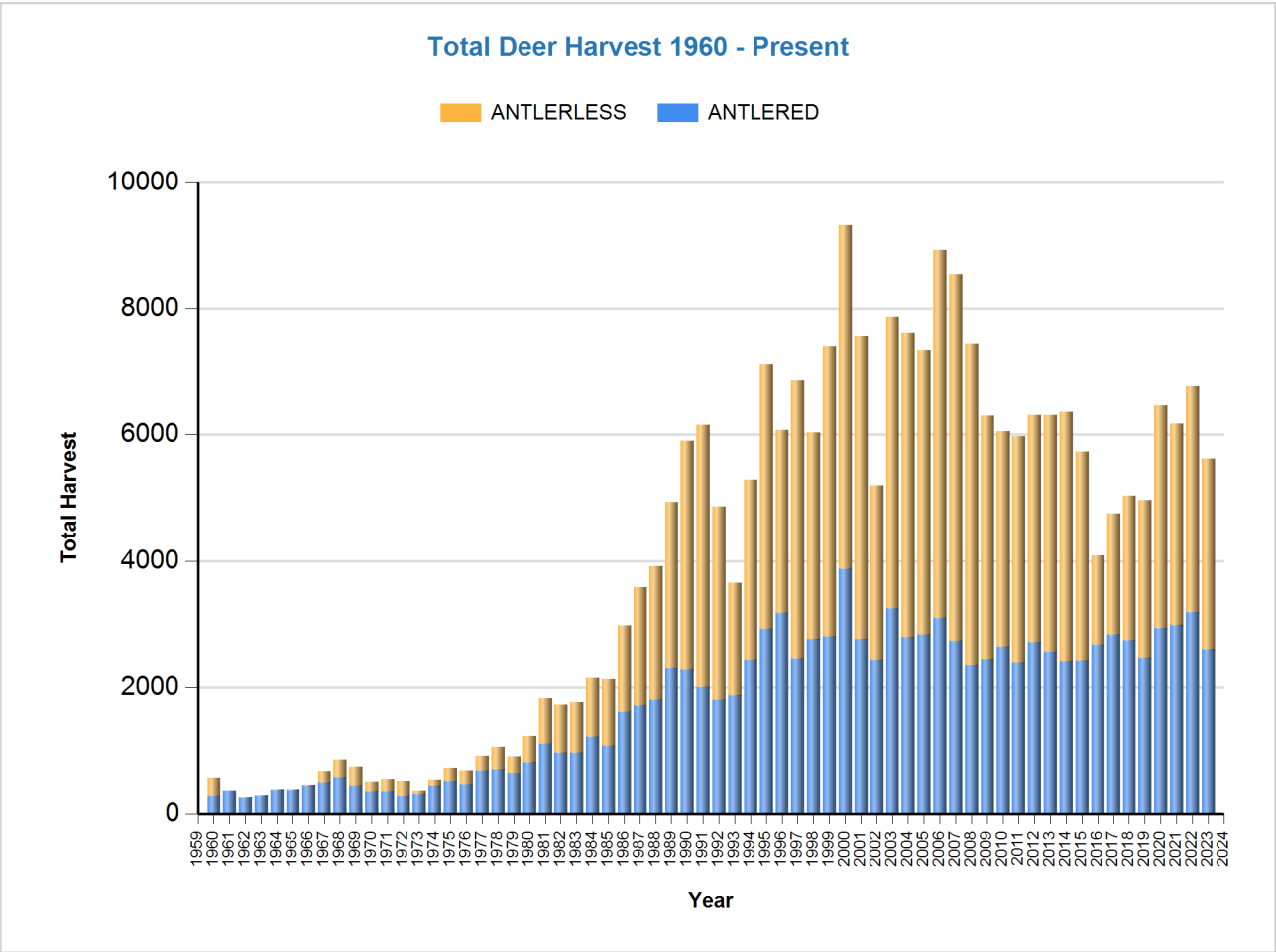


Total Harvest for Chippewa County - Northern Forest Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered					151	153	175	200	184	183
Antlerless					53	36	42	96	152	96
Total					204	189	217	296	336	279
Gun										
Antlered					128	98	112	131	133	127
Antlerless					44	29	28	81	132	77
Total					172	127	140	212	265	204
Bow										
Antlered					11	26	34	32	23	27
Antlerless					8	5	4	12	12	12
Total					19	31	38	44	35	39
Crossbow										
Antlered					12	27	27	33	28	26
Antlerless					1	2	4	2	6	7
Total					13	29	31	35	34	33
Tribal*										
Antlered					0	2	2	4	0	3
Antlerless					0	0	6	1	2	0
Total					0	2	8	5	2	3
Youth Antlerless*										
Antlerless					31	21	10	17	27	12

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

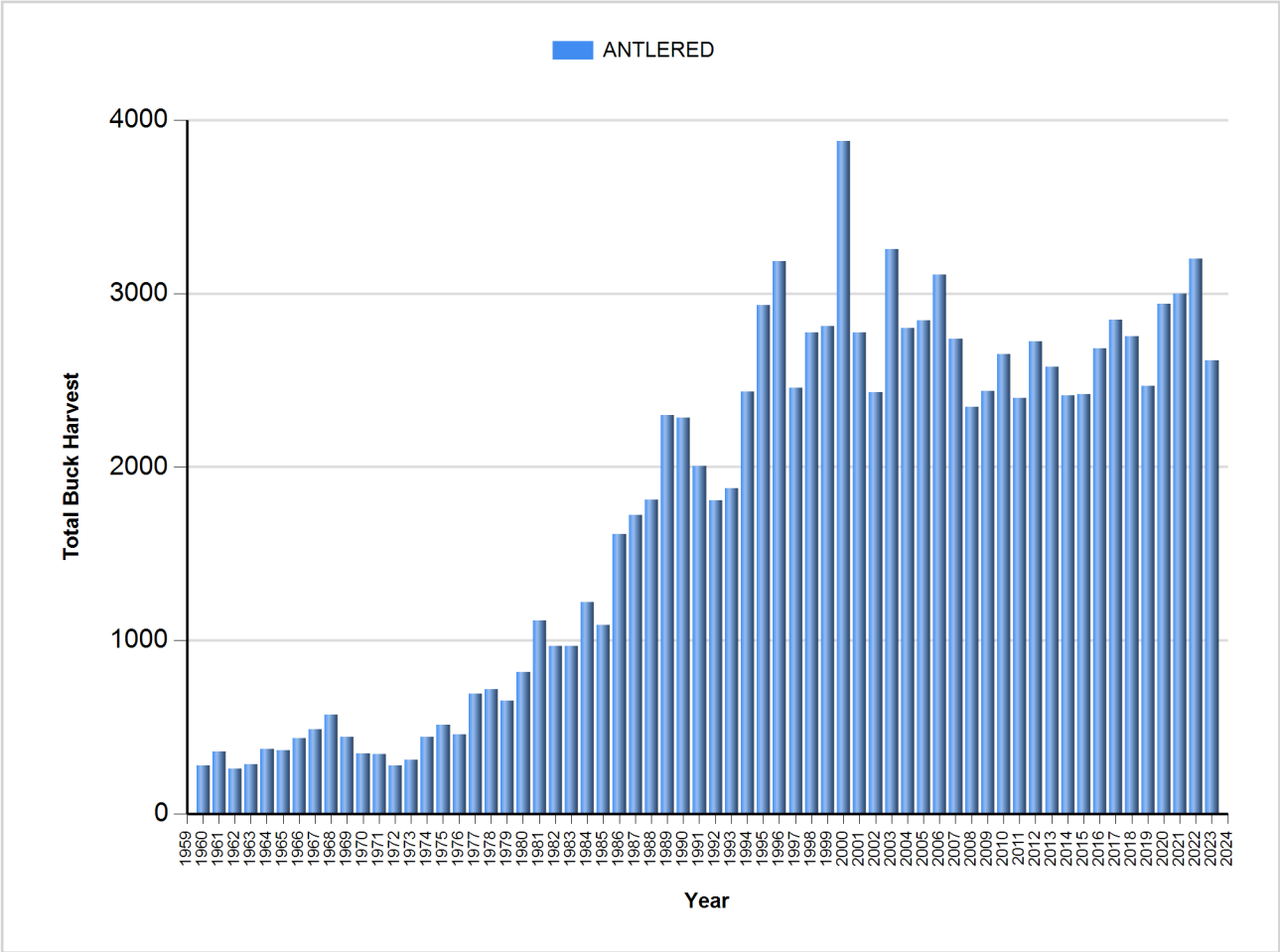




Total Buck Harvest 1960 - Present

Historic High: 2000 - 3,880

Historic Low: 1962 - 261



Antlerless Tag Issuance & Success for Chippewa County - Central Farmland

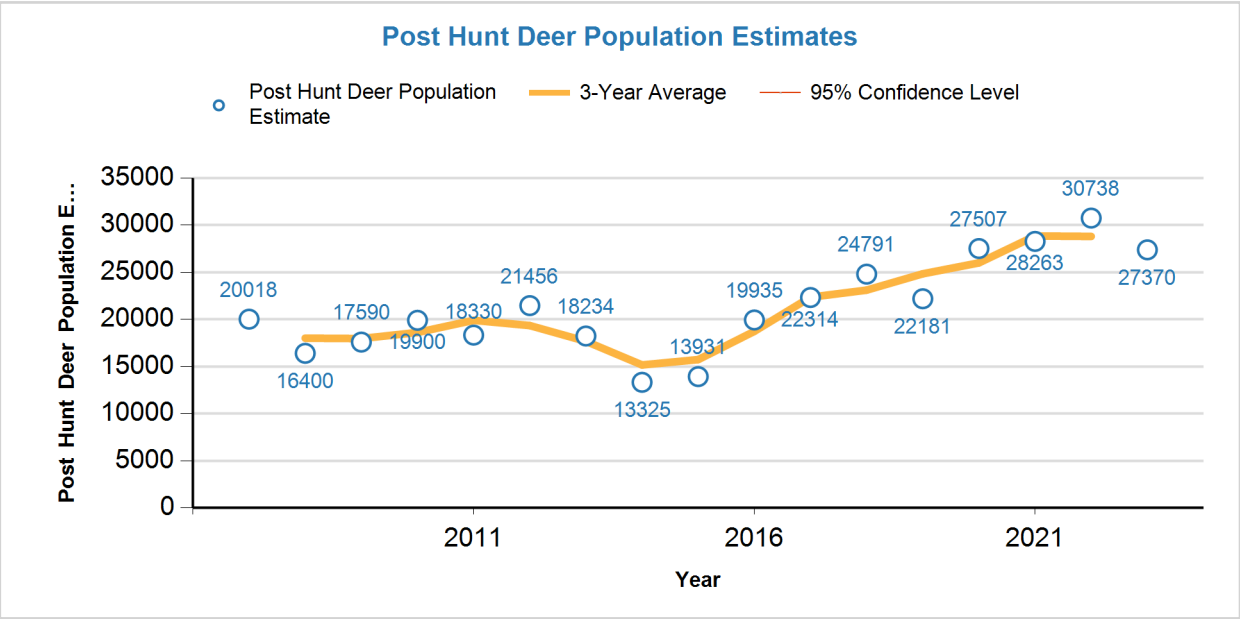
Year	2020	2021	2022	2023
Farmland - Public				
Issued	2,776	2,733	2,826	6,322
Killed	182	156	173	204
Success Rate (%)	6.6	5.7	6.1	3.2
Farmland - Private				
Issued	12,257	12,306	12,256	23,772
Killed	1,800	1,549	1,748	1,792
Success Rate (%)	14.7	12.6	14.3	7.5
Farmland - Total				
Issued	15,033	15,039	15,082	30,094
Killed	1,982	1,705	1,921	1,996
Success Rate (%)	13.2	11.3	12.7	6.6
Bonus- Public				
Available	100	300	600	600
Issued	100	300	346	235
Killed	9	38	35	20
Success Rate (%)	9.0	12.7	10.1	8.5
Bonus- Private				
Available	2,250	3,500	3,200	3,200
Issued	1,918	1,570	1,470	932
Killed	426	326	326	120
Success Rate (%)	22.2	20.8	22.2	12.9
Bonus- Total				
Available	2,350	3,800	3,800	3,800
Issued	2,018	1,870	1,816	1,167
Killed	435	364	361	140
Success Rate (%)	21.6	19.5	19.9	12.0

Antlerless Tag Issuance & Success for Chippewa 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	100	375	500	600
Issued	99	376	500	600
Killed	26	76	120	82
Success Rate (%)	26.3	20.2	24.0	13.7
Bonus- Private				
Available	2,100	3,625	3,900	4,100
Issued	1,989	1,856	1,803	1,663
Killed	508	472	496	334
Success Rate (%)	25.5	25.4	27.5	20.1
Bonus- Total				
Available	2,200	4,000	4,400	4,700
Issued	2,088	2,232	2,303	2,263
Killed	534	548	616	416
Success Rate (%)	25.6	24.6	26.7	18.4

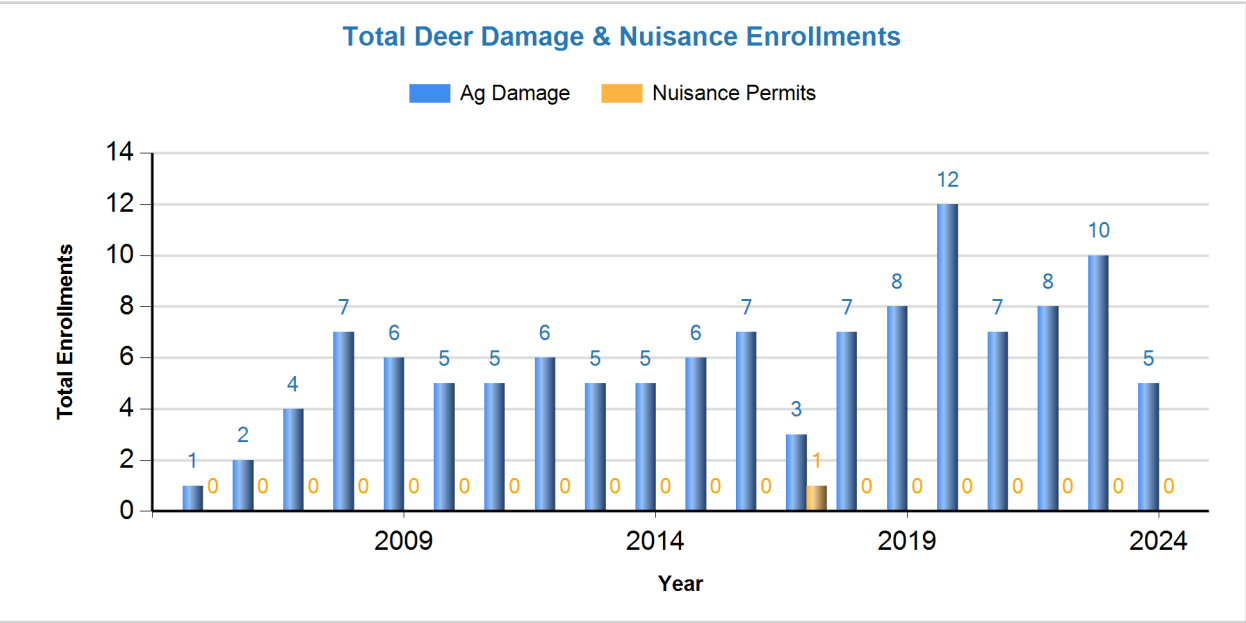
Herd Abundance

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

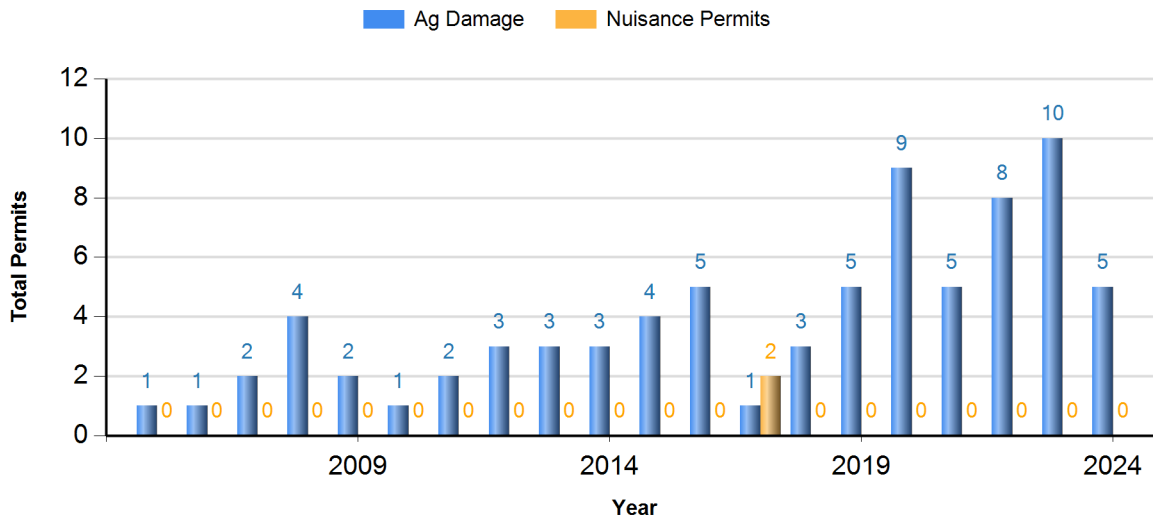


Deer Impacts – Agriculture & Nuisance Impacts

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



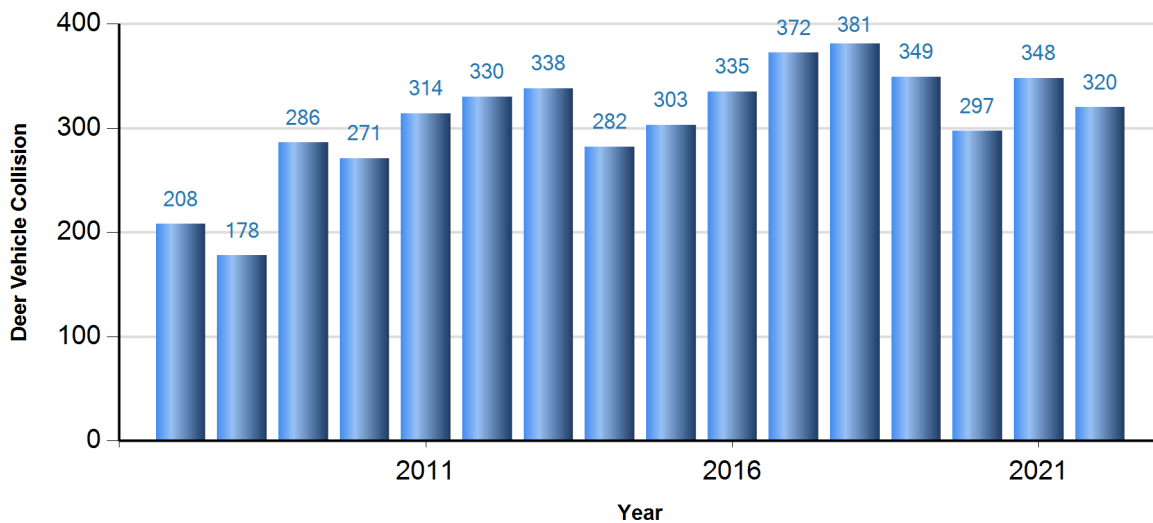
Total Deer Damage & Nuisance Shooting Permits Issued



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.

