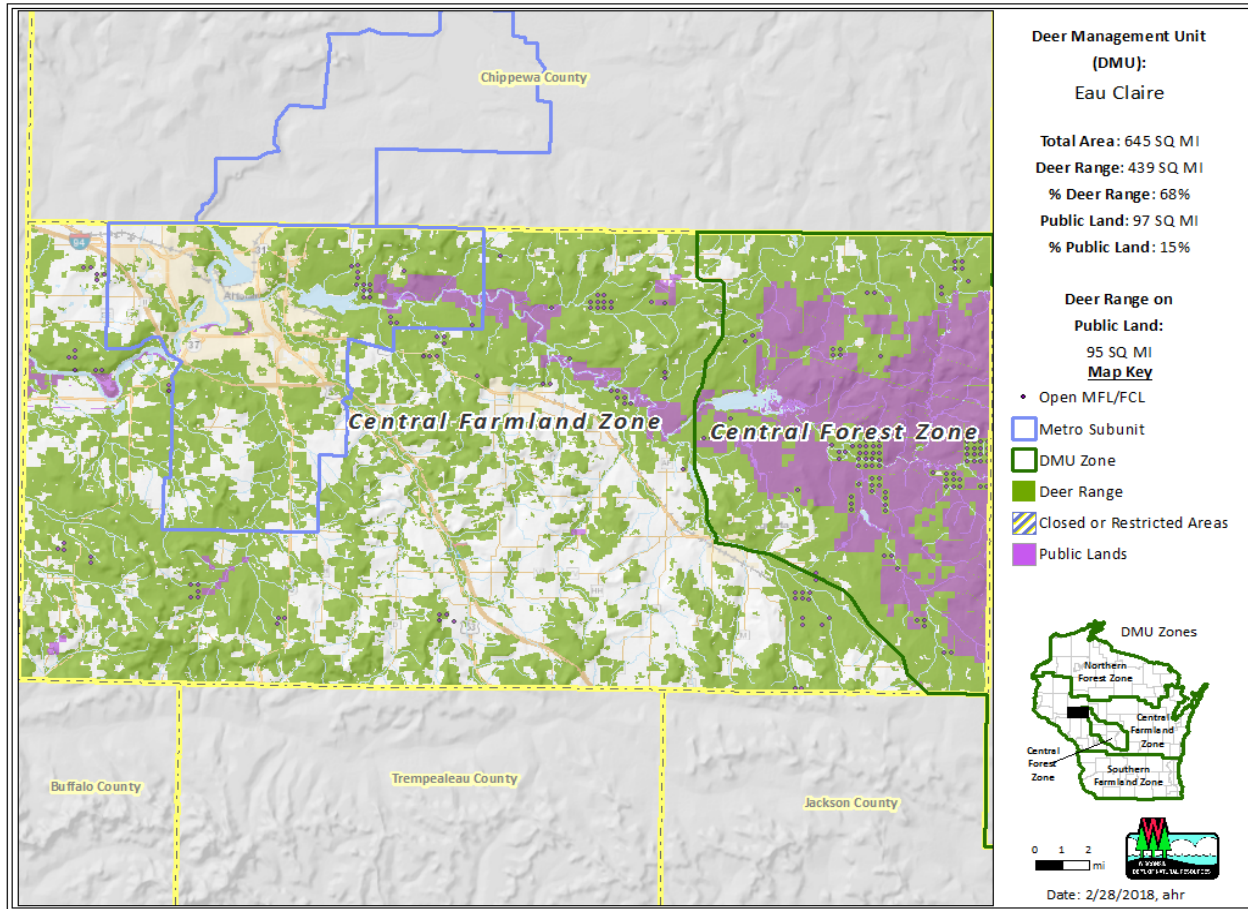


# Eau Claire County Deer Metrics Report

## Spring of 2024

### Management Unit:



### Manager's Note:

The Eau Claire Deer Management Unit is located in the Central Farmland Zone. Approximately 71 percent of the unit is considered suitable deer range (461 square miles). The unit is a highly diverse landscape with significant variations in deer habitat. Southern and western portions of the unit contain a mosaic of driftless ridges, rolling farmland and large river floodplains. The western portion of the unit is almost exclusively private landownership although there are small Fisheries Management Areas scattered throughout. The eastern portion of the unit contains blocks of public forest along the Eau Claire River corridor.

### 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 Forest Management Zone

Total Area of Unit (Sq. Miles): 157.70

Deer Range of Unit (Sq. Miles): 147.20

#### Central Farmland Management Zone

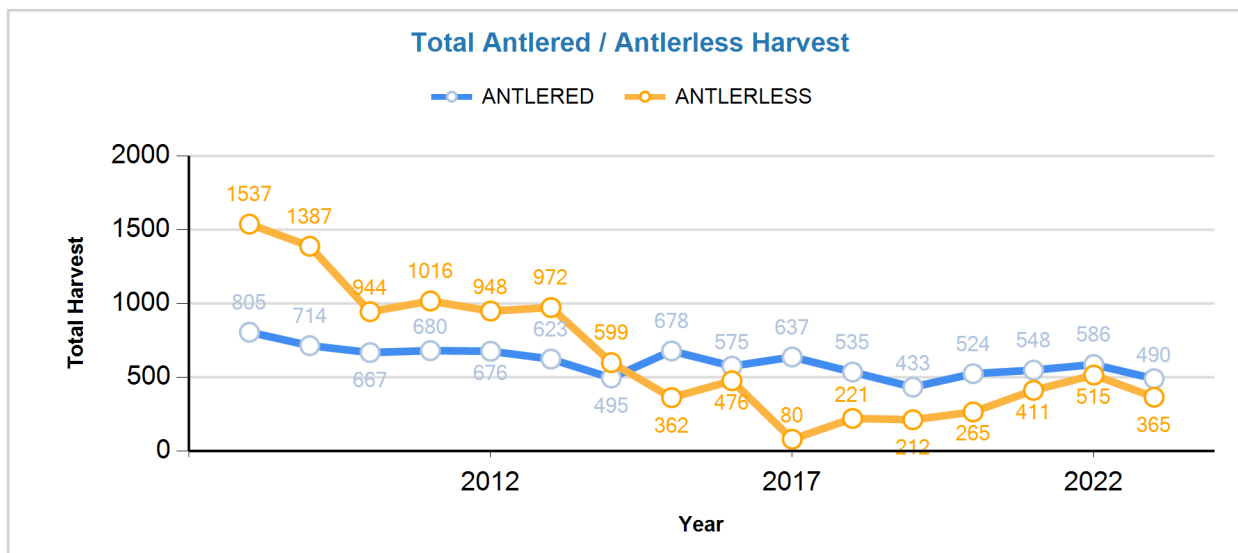
Total Area of Unit (Sq. Miles): 487.30

Deer Range of Unit (Sq. Miles): 291.80

**Total Harvest for Eau Claire County - Central Forest Management Zone**

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	495	678	575	637	535	433	524	548	586	490
Antlerless	616	362	476	80	221	212	265	411	515	365
Total	1111	1040	1051	717	756	645	789	959	1101	855
<b>Gun</b>										
Antlered	313	422	377	412	355	256	300	310	426	333
Antlerless	458	280	382	66	180	161	198	312	424	286
Total	771	702	759	478	535	417	498	622	850	619
<b>Bow</b>										
Antlered	107	135	91	100	81	73	72	87	50	48
Antlerless	99	47	49	4	19	17	27	32	29	27
Total	206	182	140	104	100	90	99	119	79	75
<b>Crossbow</b>										
Antlered	75	120	106	124	99	104	151	151	110	108
Antlerless	59	35	45	9	22	34	40	66	61	50
Total	134	155	151	133	121	138	191	217	171	158
<b>Tribal*</b>										
Antlered	0	1	1	1	0	0	1	0	0	1
Antlerless	0	0	0	1	0	0	0	1	1	2
Total	0	1	1	2	0	0	1	1	1	3
<b>Youth Antlerless*</b>										
Antlerless	0	0	75	70	62	46	75	63	72	31

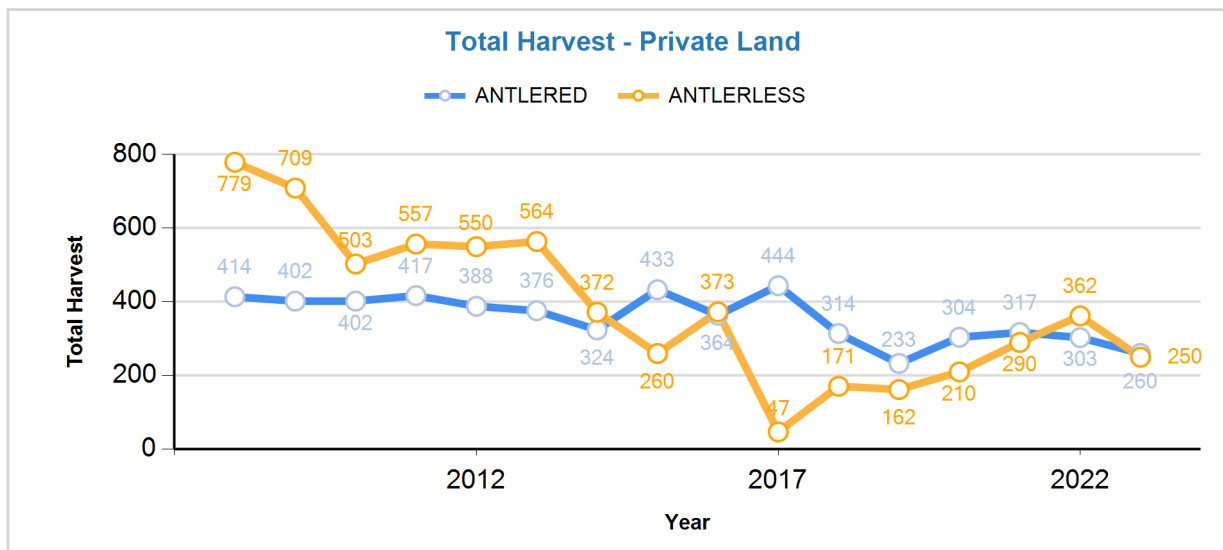
\* Tribal and Youth Antlerless data are included in above totals where they apply



## Total Harvest for Eau Claire County - Central Forest Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	324	433	364	444	314	233	304	317	303	260
Antlerless	383	260	373	47	171	162	210	290	362	250
Total	707	693	737	491	485	395	514	607	665	510
<b>Gun</b>										
Antlered	201	264	226	277	205	131	162	169	212	174
Antlerless	288	194	288	40	134	118	148	218	288	189
Total	489	458	514	317	339	249	310	387	500	363
<b>Bow</b>										
Antlered	68	84	55	67	41	36	37	41	23	17
Antlerless	57	37	43	2	18	15	26	19	21	17
Total	125	121	98	69	59	51	63	60	44	34
<b>Crossbow</b>										
Antlered	55	85	83	100	68	66	105	107	68	69
Antlerless	38	29	42	5	19	29	36	53	53	44
Total	93	114	125	105	87	95	141	160	121	113
<b>Tribal*</b>										
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
<b>Youth Antlerless*</b>										
Antlerless	0	0	47	44	38	27	47	39	38	19

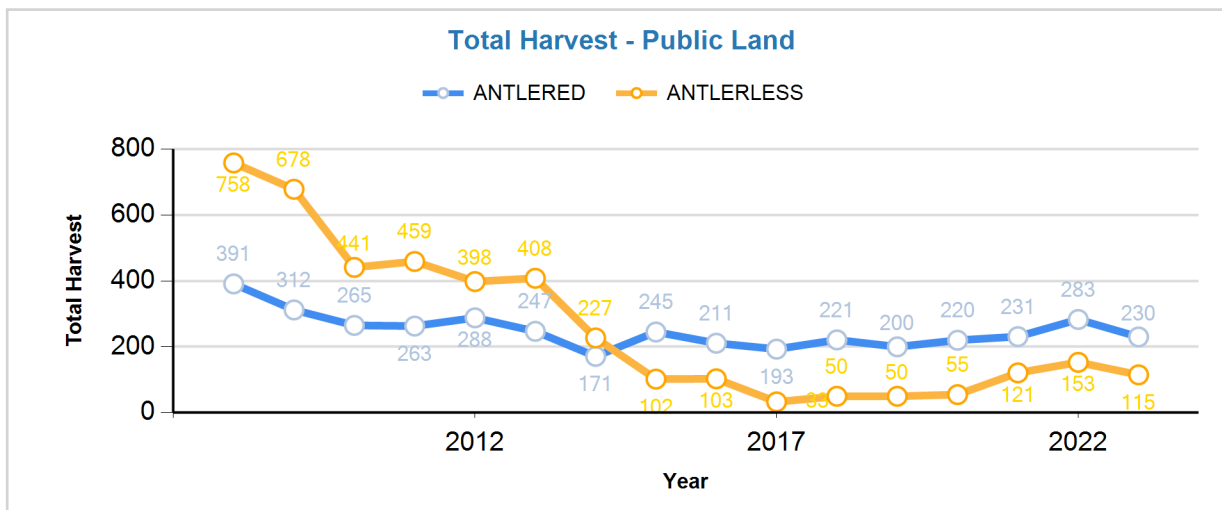
\* Tribal and Youth Antlerless data are included in above totals where they apply



**Total Harvest for Eau Claire County - Central Forest Management Zone - Public Land**

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	171	245	211	193	221	200	220	231	283	230
Antlerless	233	102	103	33	50	50	55	121	153	115
Total	404	347	314	226	271	250	275	352	436	345
<b>Gun</b>										
Antlered	112	158	151	135	150	125	138	141	214	159
Antlerless	170	86	94	26	46	43	50	94	136	97
Total	282	244	245	161	196	168	188	235	350	256
<b>Bow</b>										
Antlered	39	51	36	33	40	37	35	46	27	31
Antlerless	42	10	6	2	1	2	1	13	8	10
Total	81	61	42	35	41	39	36	59	35	41
<b>Crossbow</b>										
Antlered	20	35	23	24	31	38	46	44	42	39
Antlerless	21	6	3	4	3	5	4	13	8	6
Total	41	41	26	28	34	43	50	57	50	45
<b>Tribal*</b>										
Antlered	0	1	1	1	0	0	1	0	0	1
Antlerless	0	0	0	1	0	0	0	1	1	2
Total	0	1	1	2	0	0	1	1	1	3
<b>Youth Antlerless*</b>										
Antlerless	0	0	28	26	24	19	28	24	34	12

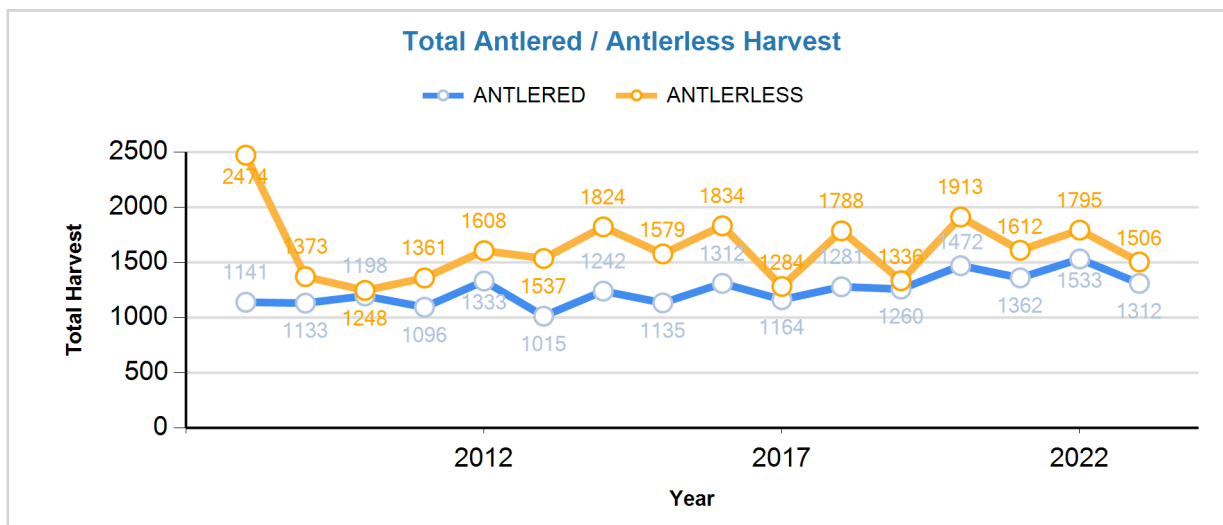
\* Tribal and Youth Antlerless data are included in above totals where they apply



## Total Harvest for Eau Claire County - Central Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	1242	1135	1312	1164	1281	1260	1472	1362	1533	1312
Antlerless	1838	1579	1834	1284	1788	1336	1913	1612	1795	1506
Total	3080	2714	3146	2448	3069	2596	3385	2974	3328	2818
<b>Gun</b>										
Antlered	761	734	838	712	844	700	821	772	914	768
Antlerless	1292	1135	1293	911	1241	900	1323	1127	1269	1108
Total	2053	1869	2131	1623	2085	1600	2144	1899	2183	1876
<b>Bow</b>										
Antlered	306	235	250	221	202	238	254	240	229	213
Antlerless	363	271	284	184	248	187	219	206	190	164
Total	669	506	534	405	450	425	473	446	419	377
<b>Crossbow</b>										
Antlered	175	166	224	231	235	322	397	350	390	331
Antlerless	183	173	257	189	299	249	371	279	336	234
Total	358	339	481	420	534	571	768	629	726	565
<b>Tribal*</b>										
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
<b>Youth Antlerless*</b>										
Antlerless	0	0	108	90	86	64	80	55	49	46

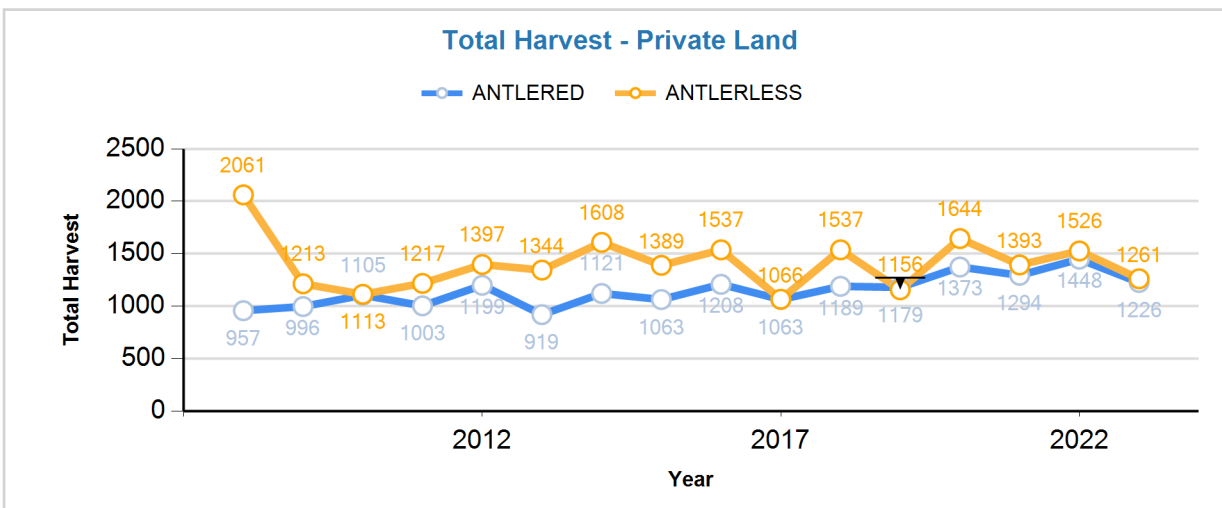
\* Tribal and Youth Antlerless data are included in above totals where they apply



## Total Harvest for Eau Claire County - Central Farmland Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	1121	1063	1208	1063	1189	1179	1373	1294	1448	1226
Antlerless	1620	1389	1537	1066	1537	1156	1644	1393	1526	1261
Total	2741	2452	2745	2129	2726	2335	3017	2687	2974	2487
<b>Gun</b>										
Antlered	687	684	769	646	789	660	770	739	862	716
Antlerless	1147	1001	1074	758	1070	789	1130	999	1085	922
Total	1834	1685	1843	1404	1859	1449	1900	1738	1947	1638
<b>Bow</b>										
Antlered	271	219	228	203	182	217	229	222	215	196
Antlerless	309	236	243	149	212	156	188	161	151	142
Total	580	455	471	352	394	373	417	383	366	338
<b>Crossbow</b>										
Antlered	163	160	211	214	218	302	374	333	371	314
Antlerless	164	152	220	159	255	211	326	233	290	197
Total	327	312	431	373	473	513	700	566	661	511
<b>Tribal*</b>										
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
<b>Youth Antlerless*</b>										
Antlerless	0	0	101	79	79	60	78	49	47	36

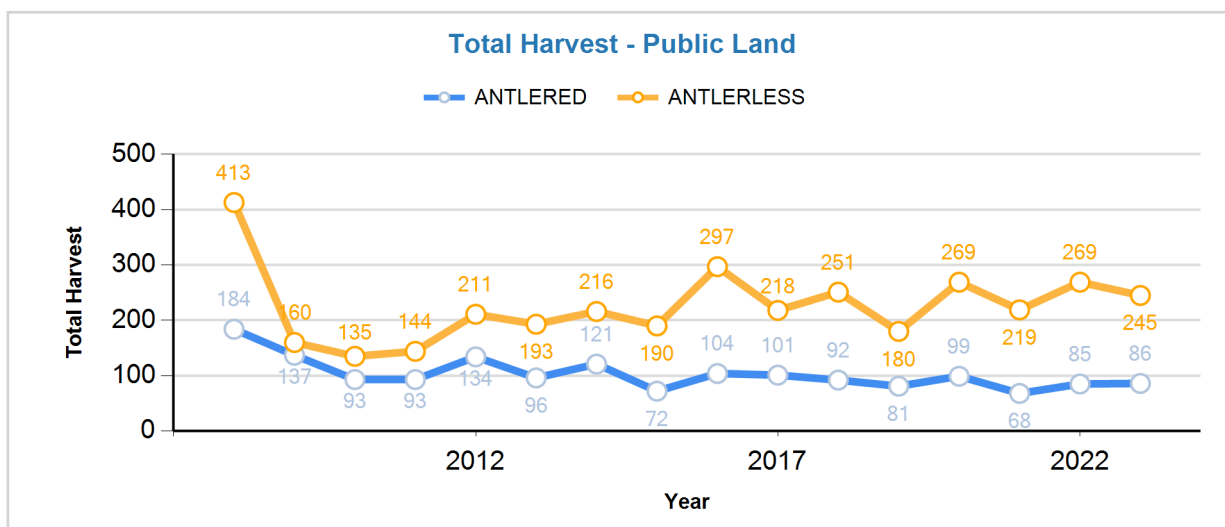
\* Tribal and Youth Antlerless data are included in above totals where they apply



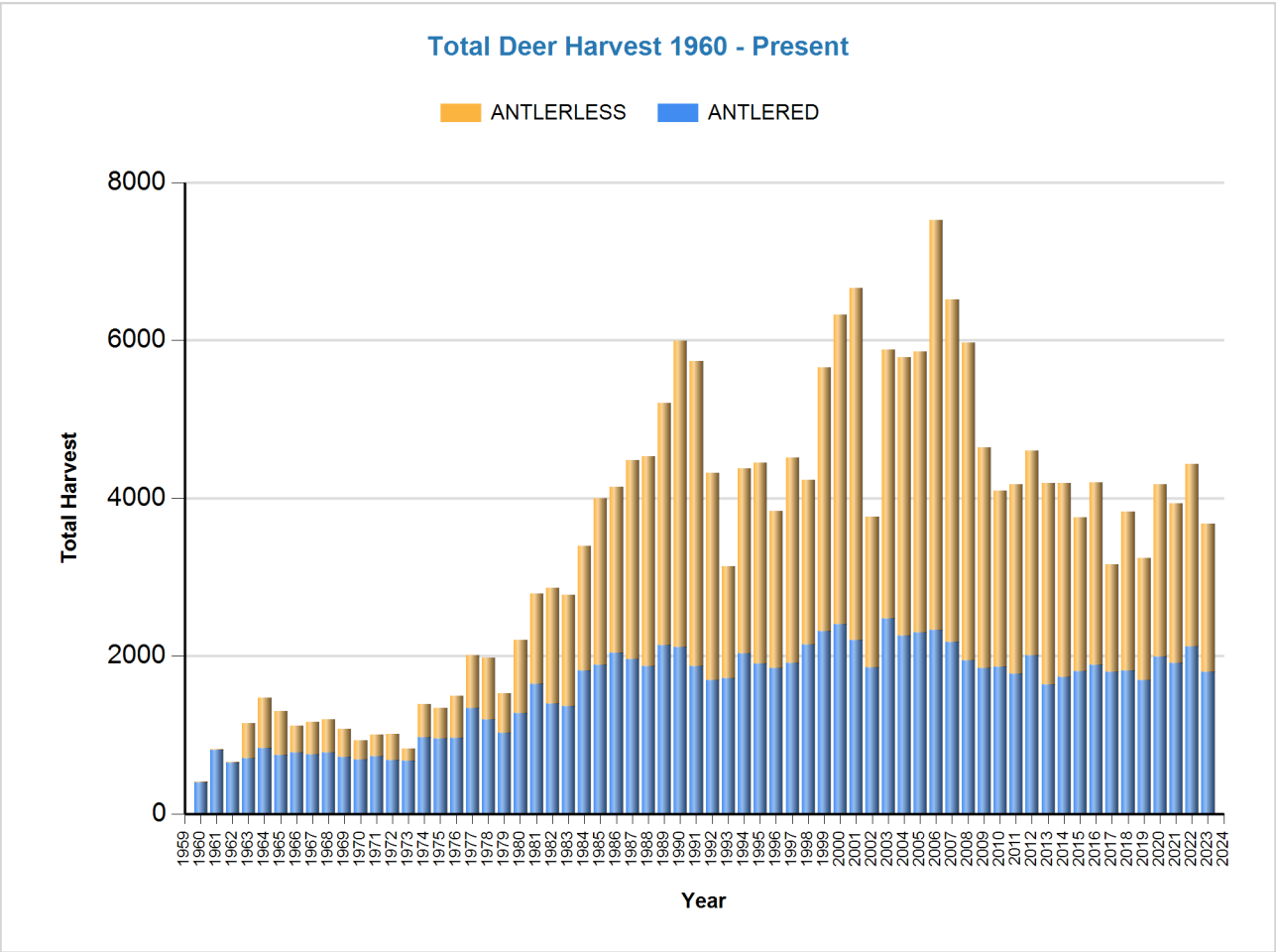
## Total Harvest for Eau Claire County - Central Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	121	72	104	101	92	81	99	68	85	86
Antlerless	218	190	297	218	251	180	269	219	269	245
Total	339	262	401	319	343	261	368	287	354	331
<b>Gun</b>										
Antlered	74	50	69	66	55	40	51	33	52	52
Antlerless	145	134	219	153	171	111	193	128	184	186
Total	219	184	288	219	226	151	244	161	236	238
<b>Bow</b>										
Antlered	35	16	22	18	20	21	25	18	14	17
Antlerless	54	35	41	35	36	31	31	45	39	22
Total	89	51	63	53	56	52	56	63	53	39
<b>Crossbow</b>										
Antlered	12	6	13	17	17	20	23	17	19	17
Antlerless	19	21	37	30	44	38	45	46	46	37
Total	31	27	50	47	61	58	68	63	65	54
<b>Tribal*</b>										
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
<b>Youth Antlerless*</b>										
Antlerless	0	0	7	11	7	4	2	6	2	10

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



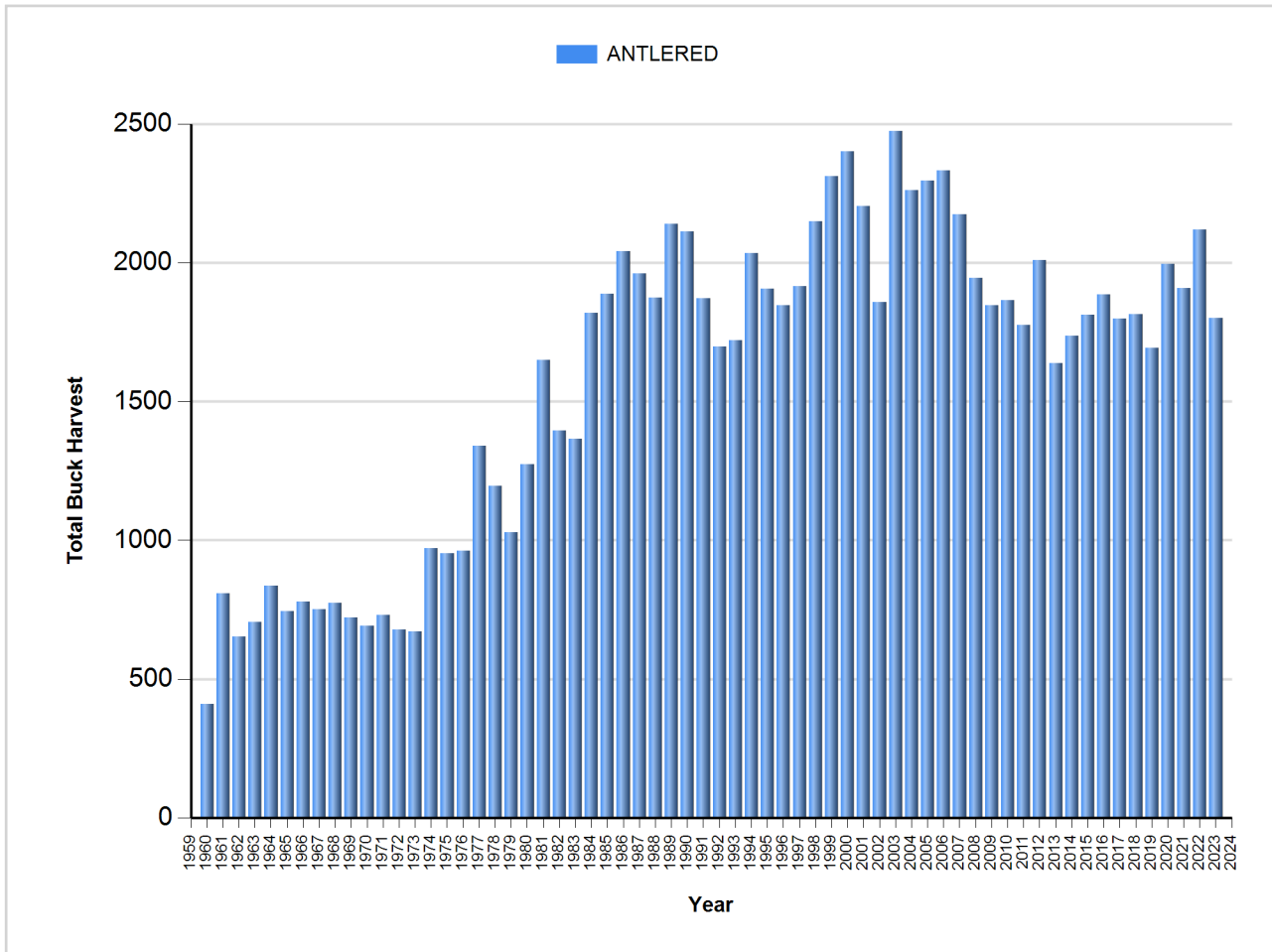




Total Buck Harvest 1960 - Present

Historic High: 2003 - 2,475

Historic Low: 1960 - 409



**Antlerless Tag Issuance & Success for Eau Claire County - Central Forest**

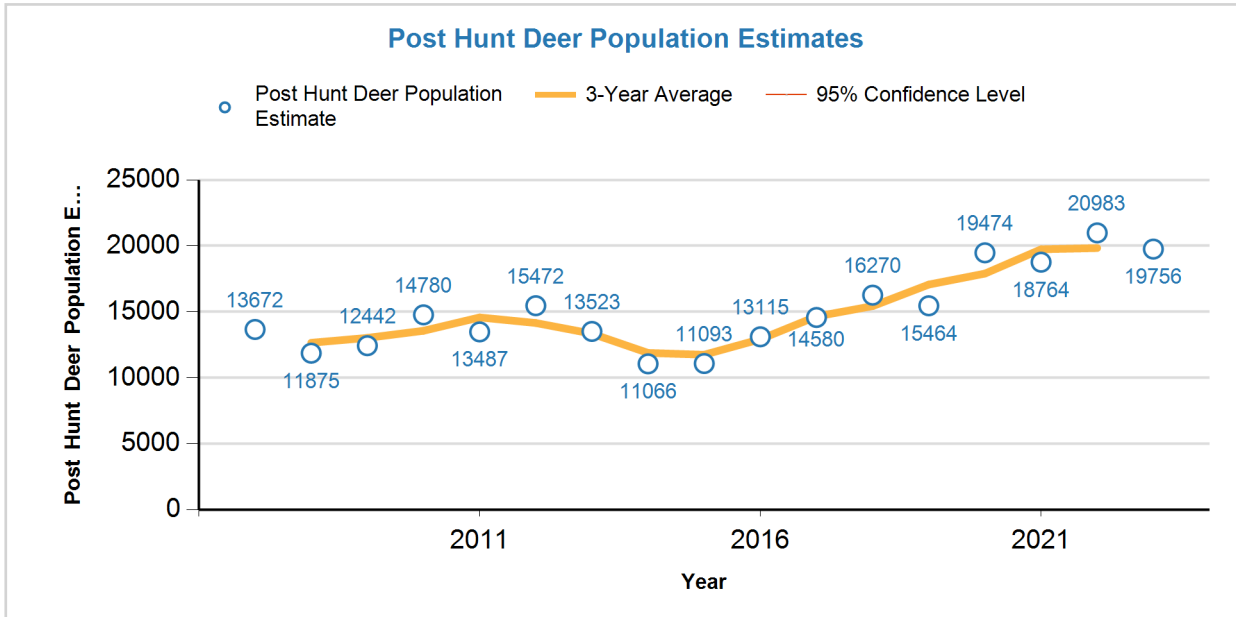
Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued				
Killed				
Success Rate (%)				
<b>Farmland - Private</b>				
Issued				
Killed				
Success Rate (%)				
<b>Farmland - Total</b>				
Issued				
Killed				
Success Rate (%)				
<b>Bonus- Public</b>				
Available	125	450	500	700
Issued	124	450	501	701
Killed	26	95	112	100
Success Rate (%)	21.0	21.1	22.4	14.3
<b>Bonus- Private</b>				
Available	600	1,600	1,900	1,700
Issued	600	1,098	1,168	1,107
Killed	159	246	319	222
Success Rate (%)	26.5	22.4	27.3	20.1
<b>Bonus- Total</b>				
Available	725	2,050	2,400	2,400
Issued	724	1,548	1,669	1,808
Killed	185	341	431	322
Success Rate (%)	25.6	22.0	25.8	17.8

**Antlerless Tag Issuance & Success for Eau Claire County - Central Farmland**

Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued	5,432	5,210	5,132	5,193
Killed	251	171	212	158
Success Rate (%)	4.6	3.3	4.1	3.0
<b>Farmland - Private</b>				
Issued	14,874	14,322	14,568	14,081
Killed	1,403	1,114	1,206	1,020
Success Rate (%)	9.4	7.8	8.3	7.2
<b>Farmland - Total</b>				
Issued	20,306	19,532	19,700	19,274
Killed	1,654	1,285	1,418	1,178
Success Rate (%)	8.1	6.6	7.2	6.1
<b>Bonus- Public</b>				
Available	100	200	200	300
Issued	100	200	200	210
Killed	12	16	22	21
Success Rate (%)	12.0	8.0	11.0	10.0
<b>Bonus- Private</b>				
Available	500	1,000	1,000	1,000
Issued	501	497	457	407
Killed	115	74	76	51
Success Rate (%)	23.0	14.9	16.6	12.5
<b>Bonus- Total</b>				
Available	600	1,200	1,200	1,300
Issued	601	697	657	617
Killed	127	90	98	72
Success Rate (%)	21.1	12.9	14.9	11.7

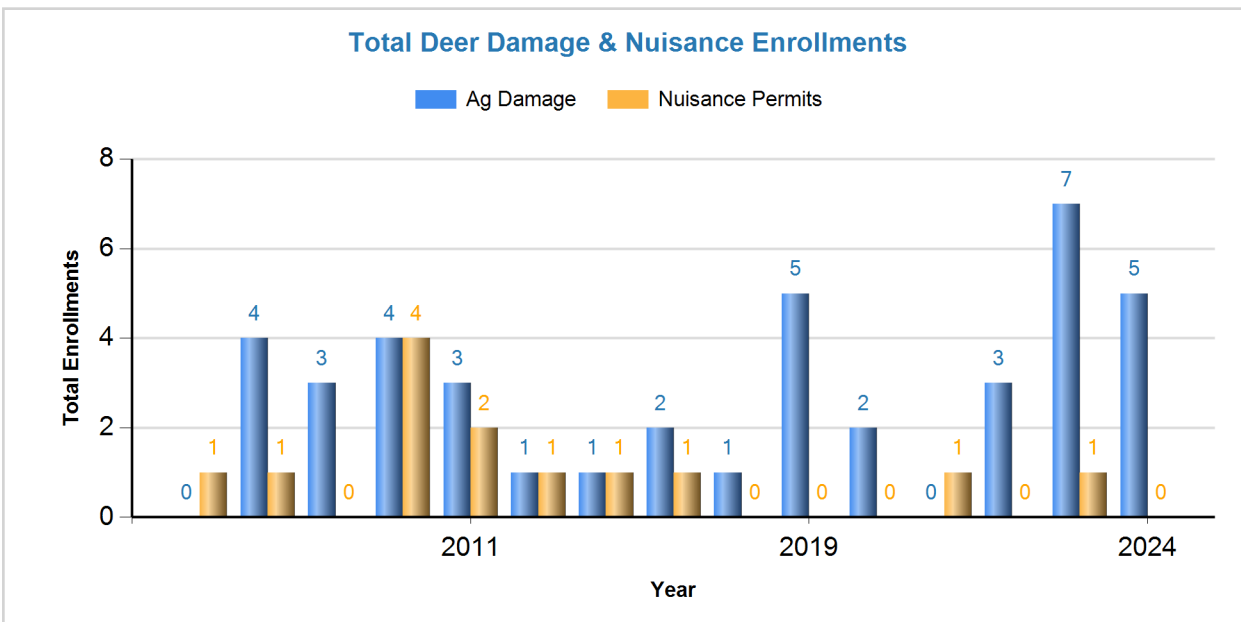
## Herd Abundance

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

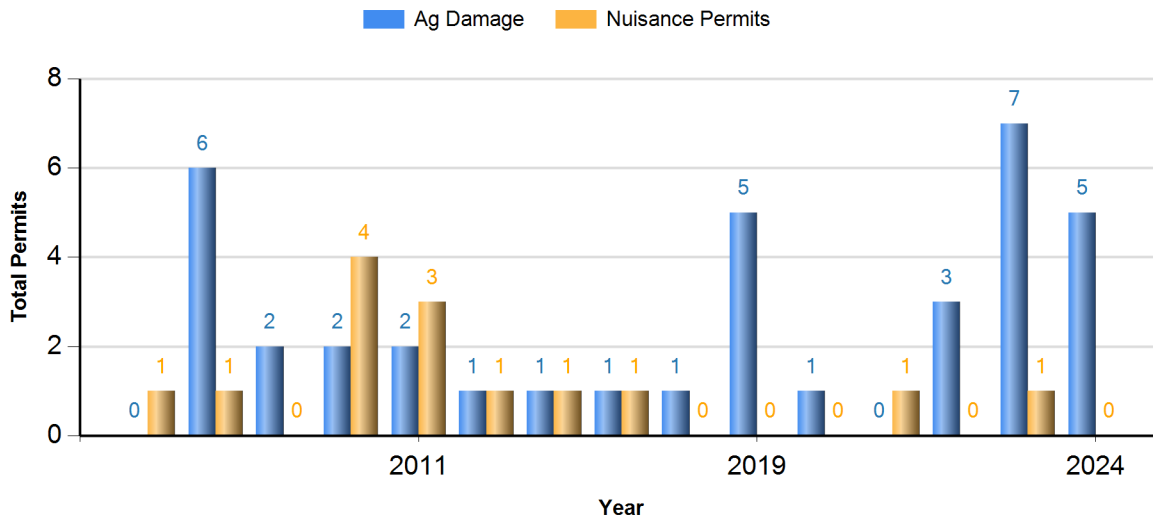


## Deer Impacts – Agriculture & Nuisance Impacts

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



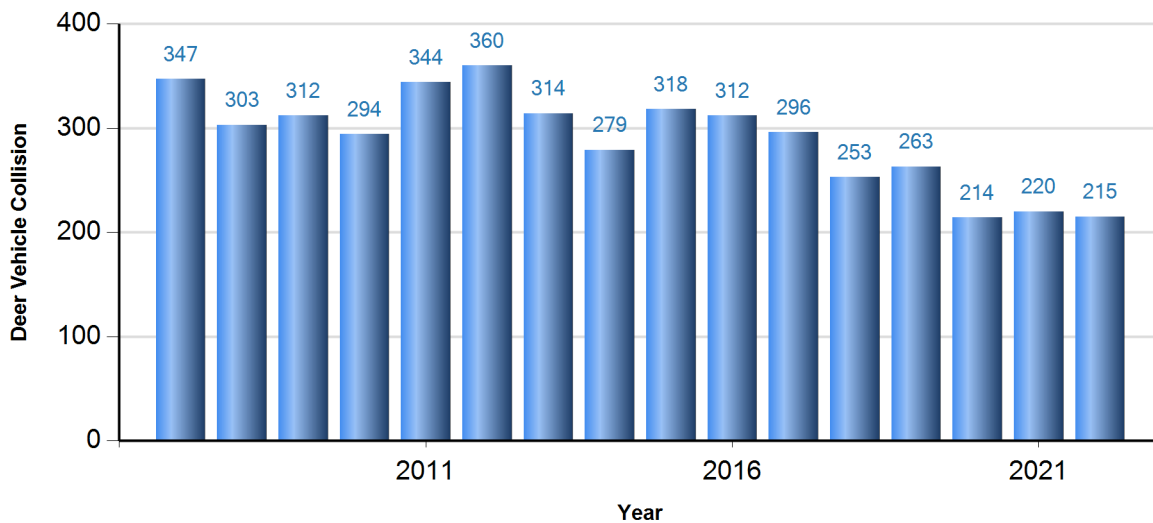
### Total Deer Damage & Nuisance Shooting Permits Issued



### 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

