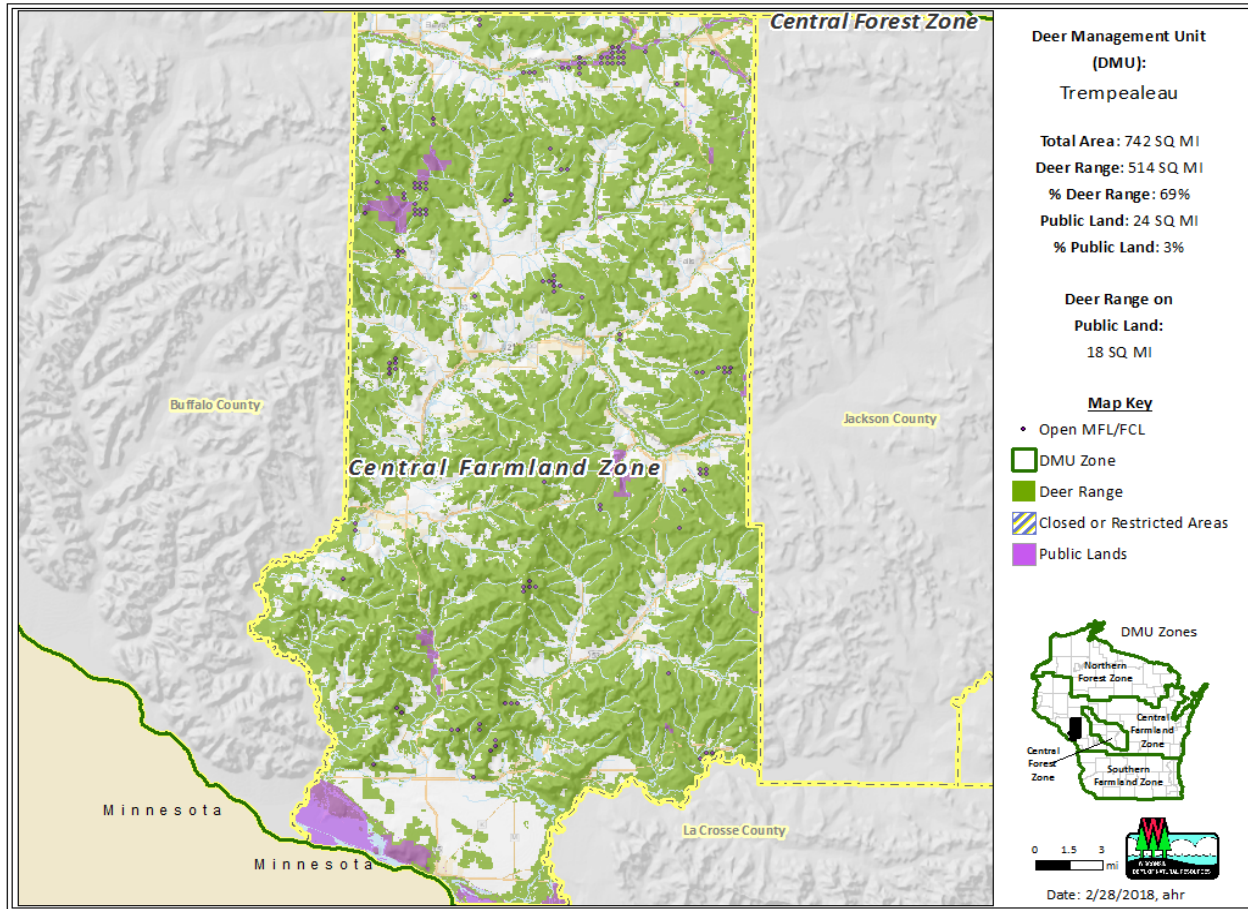


Trempealeau County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Trempealeau County Deer Management Unit is located in the Central Farmland Zone. Approximately 69 percent of the unit is considered deer range. The unit is comprised of approximately 97 percent private land and 3 percent public land. The landscape is typical of the Driftless Area of southwest Wisconsin, with many valleys and ridge tops in agriculture and steep, heavily wooded hillsides which provides ideal deer habitat. Though the county as a whole has excellent deer habitat, deer distribution is not equal across the landscape due to a number of factors, including land use changes, hunting techniques, land ownership changes and hunter selectivity. A steady increase in bow hunting pressure over the last 15 years has occurred and the annual harvest reflects an increasing percentage of bucks being harvested during the bow season. The county has also seen an increasing amount of hunter selectivity towards older bucks and the average yearling buck harvest rates have declined over the last decade. The current deer herd management objective 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

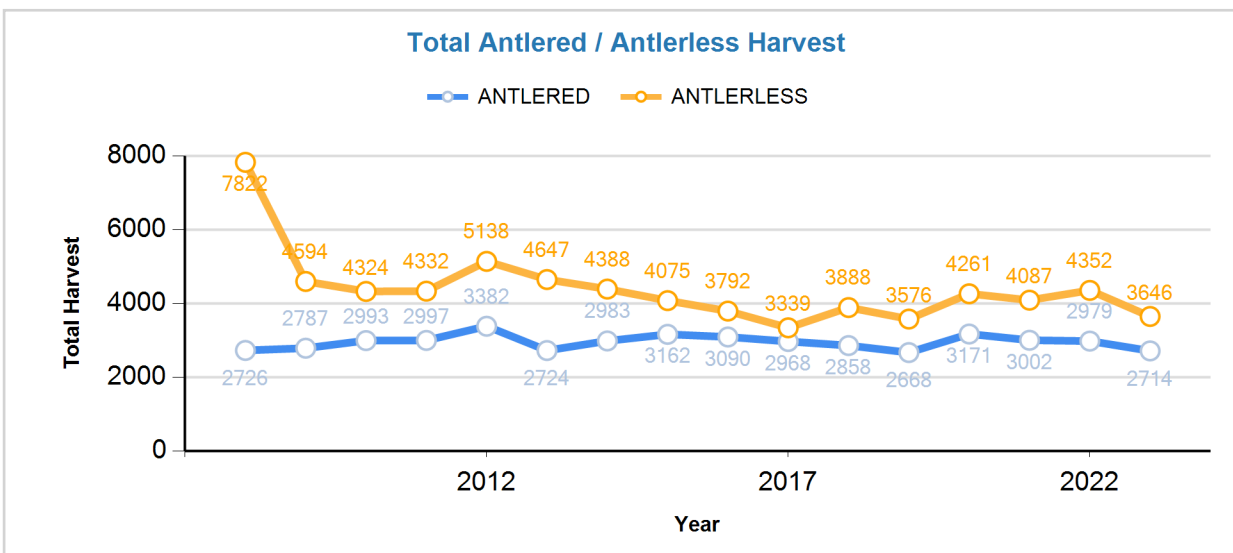
Total Area of Unit (Sq. Miles): 741.60

Deer Range of Unit (Sq. Miles): 514.50

Total Harvest for Trempealeau County - Central Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2983	3162	3090	2968	2858	2668	3171	3002	2979	2714
Antlerless	4416	4075	3792	3339	3888	3576	4261	4087	4352	3646
Total	7399	7237	6882	6307	6746	6244	7432	7089	7331	6360
Gun										
Antlered	2021	2129	1997	1907	1952	1644	1967	1809	1973	1662
Antlerless	3567	3326	3071	2694	3179	2832	3336	3355	3615	2980
Total	5588	5455	5068	4601	5131	4476	5303	5164	5588	4642
Bow										
Antlered	698	706	679	611	522	537	589	600	474	502
Antlerless	640	499	466	370	430	406	494	364	379	331
Total	1338	1205	1145	981	952	943	1083	964	853	833
Crossbow										
Antlered	264	327	414	450	384	487	615	593	532	550
Antlerless	209	250	255	275	279	338	431	368	358	335
Total	473	577	669	725	663	825	1046	961	890	885
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	329	284	311	178	239	166	166	134

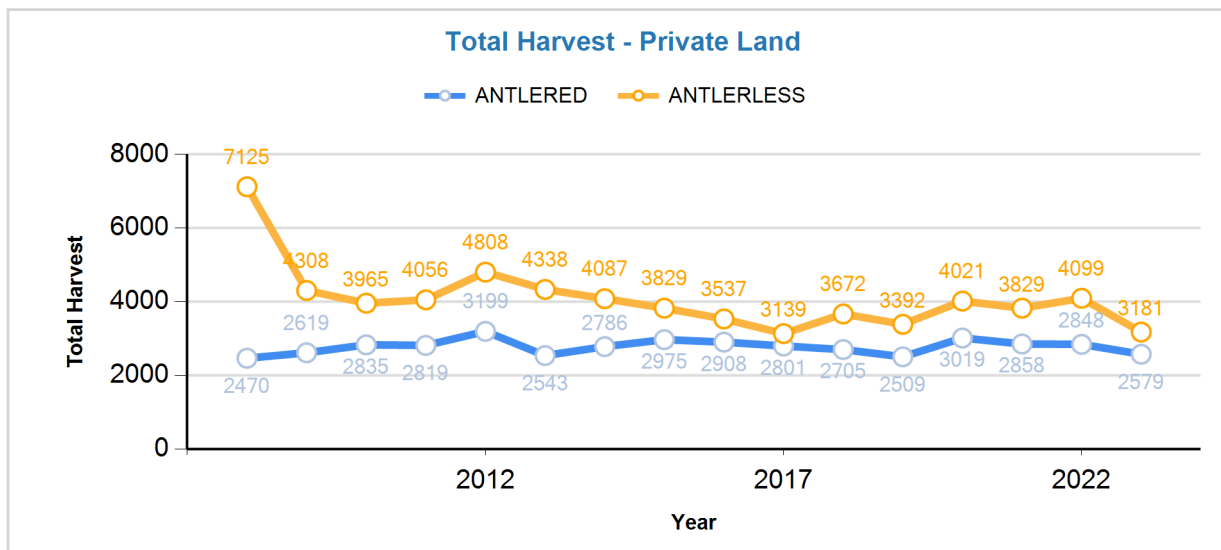
* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2786	2975	2908	2801	2705	2509	3019	2858	2848	2579
Antlerless	4114	3829	3537	3139	3672	3392	4021	3829	4099	3181
Total	6900	6804	6445	5940	6377	5901	7040	6687	6947	5760
Gun										
Antlered	1901	2015	1887	1837	1868	1572	1890	1741	1908	1597
Antlerless	3345	3140	2881	2544	3041	2710	3182	3171	3424	2575
Total	5246	5155	4768	4381	4909	4282	5072	4912	5332	4172
Bow										
Antlered	640	657	639	557	483	482	544	556	433	461
Antlerless	575	462	422	347	387	375	449	331	340	297
Total	1215	1119	1061	904	870	857	993	887	773	758
Crossbow										
Antlered	245	303	382	407	354	455	585	561	507	521
Antlerless	194	227	234	248	244	307	390	327	335	309
Total	439	530	616	655	598	762	975	888	842	830
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	307	262	298	169	227	157	160	130

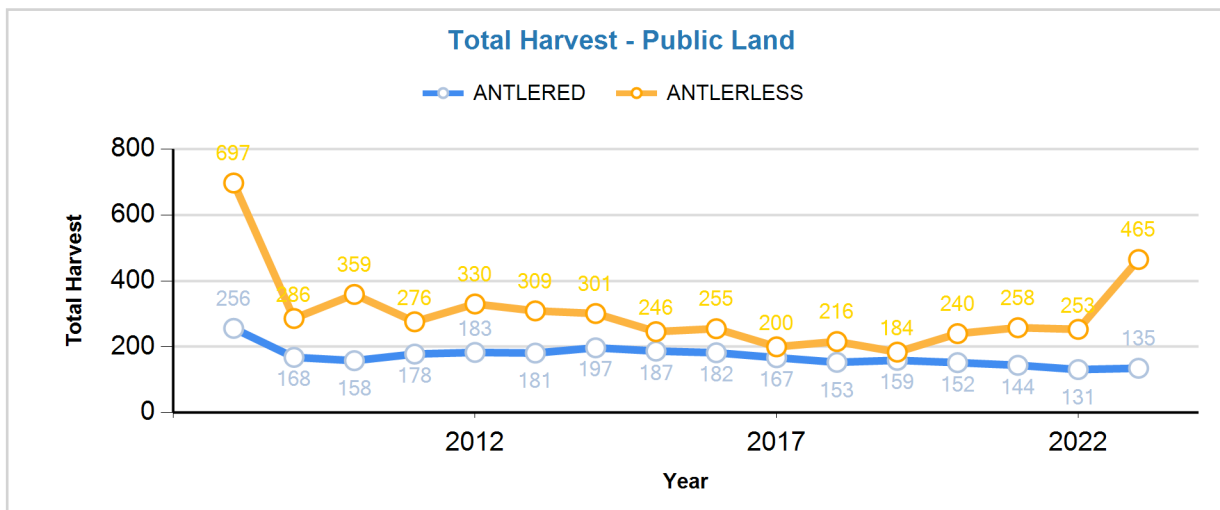
* Tribal and Youth Antlerless data are included in above totals where they apply

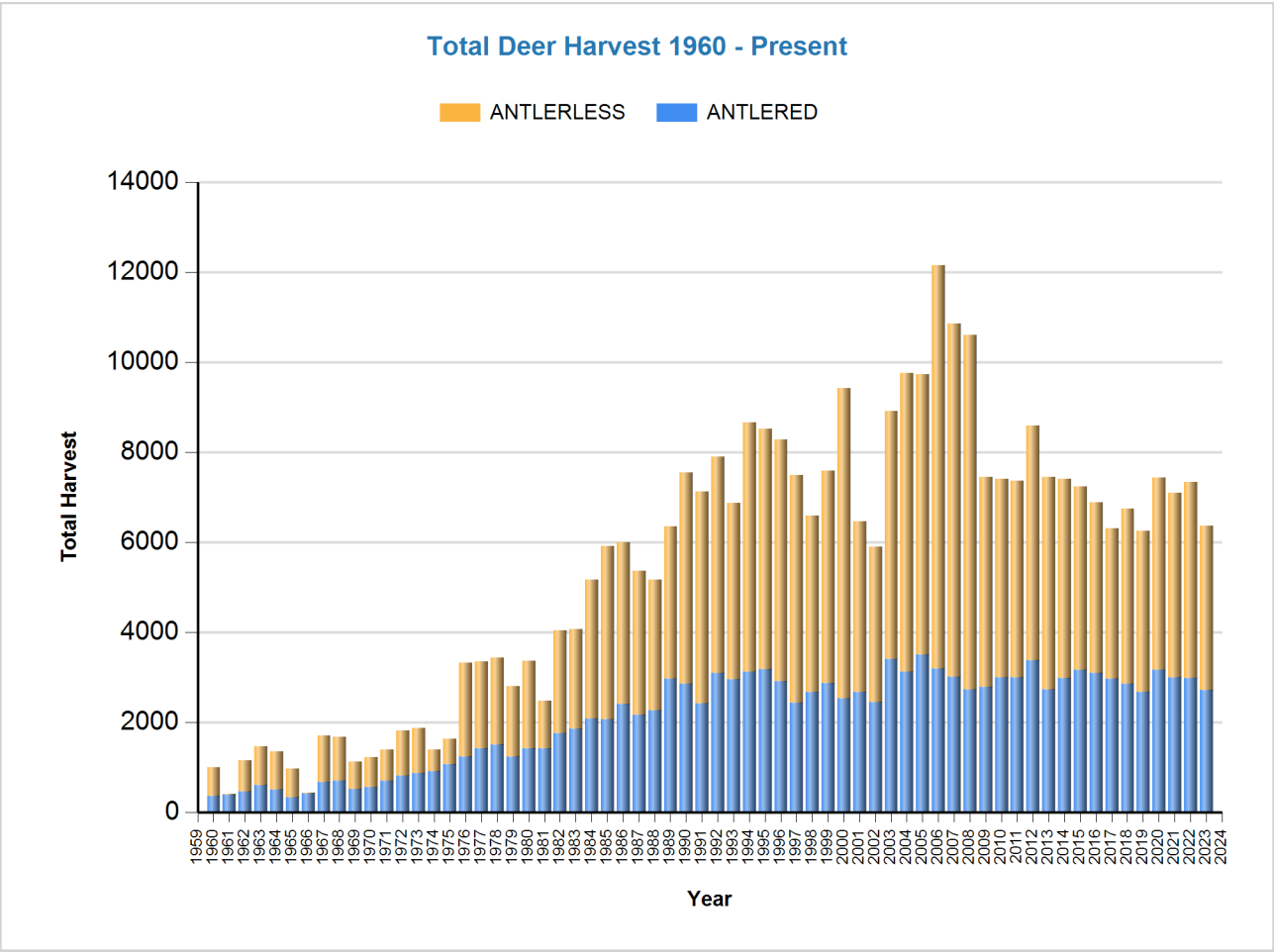


Total Harvest for Trempealeau County - Central Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	197	187	182	167	153	159	152	144	131	135
Antlerless	302	246	255	200	216	184	240	258	253	465
Total	499	433	437	367	369	343	392	402	384	600
Gun										
Antlered	120	114	110	70	84	72	77	68	65	65
Antlerless	222	186	190	150	138	122	154	184	191	405
Total	342	300	300	220	222	194	231	252	256	470
Bow										
Antlered	58	49	40	54	39	55	45	44	41	41
Antlerless	65	37	44	23	43	31	45	33	39	34
Total	123	86	84	77	82	86	90	77	80	75
Crossbow										
Antlered	19	24	32	43	30	32	30	32	25	29
Antlerless	15	23	21	27	35	31	41	41	23	26
Total	34	47	53	70	65	63	71	73	48	55
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	22	22	13	9	12	9	6	4

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

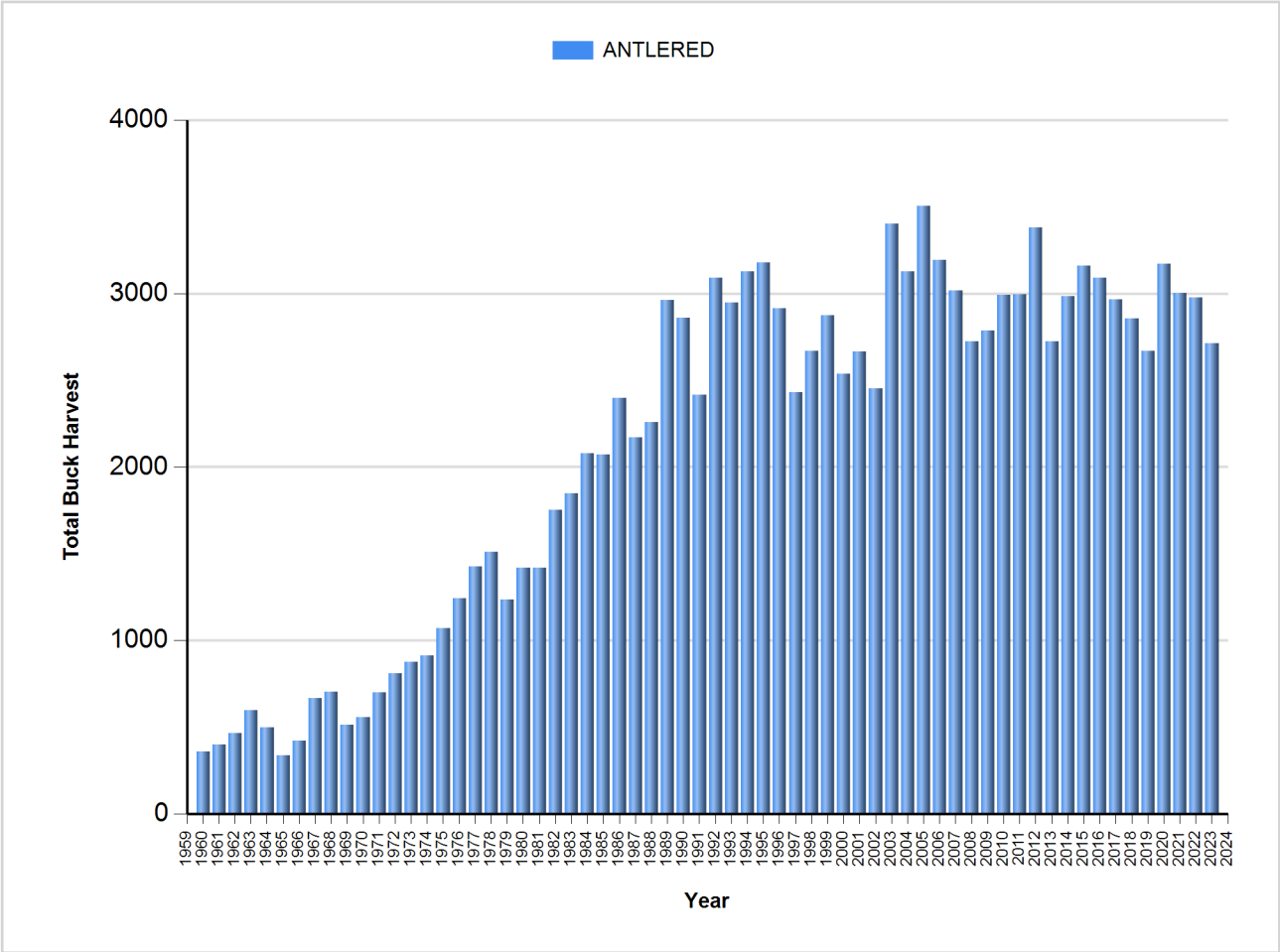




Total Buck Harvest 1960 - Present

Historic High: 2005 - 3,504

Historic Low: 1965 - 336

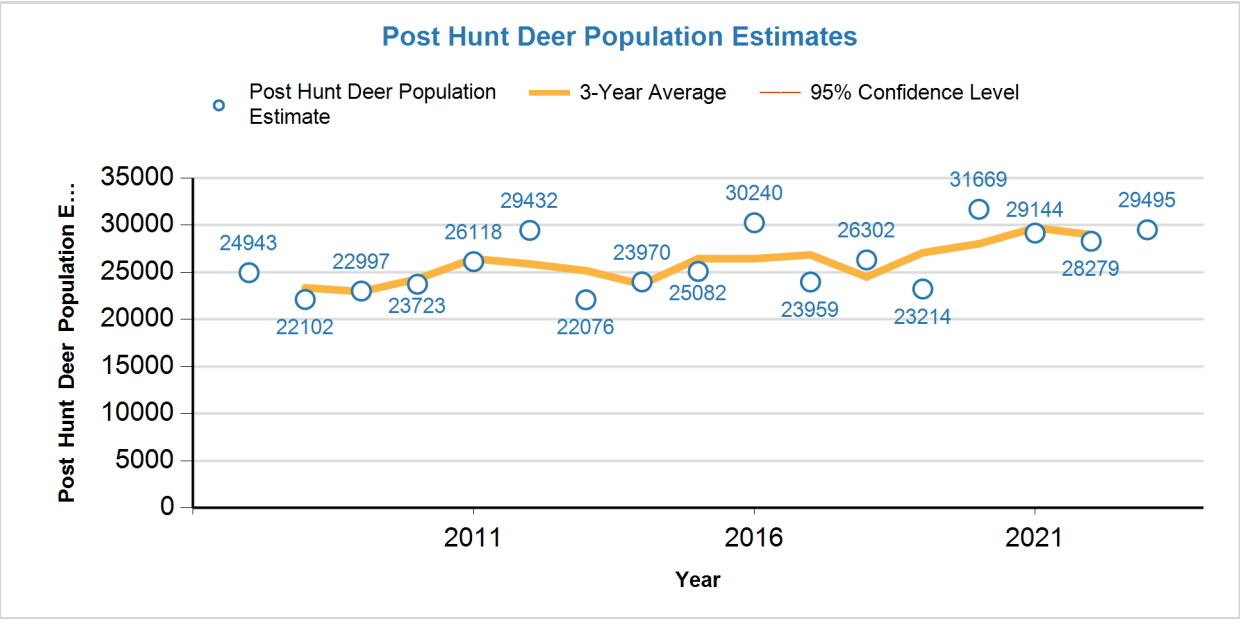


Antlerless Tag Issuance & Success for Trempealeau County - Central Farmland

Year	2020	2021	2022	2023
Farmland - Public				
Issued	3,078	4,794	4,819	4,634
Killed	212	223	228	195
Success Rate (%)	6.9	4.7	4.7	4.2
Farmland - Private				
Issued	24,810	36,471	35,810	35,218
Killed	3,328	3,406	3,680	3,068
Success Rate (%)	13.4	9.3	10.3	8.7
Farmland - Total				
Issued	27,888	41,265	40,629	39,852
Killed	3,540	3,629	3,908	3,263
Success Rate (%)	12.7	8.8	9.6	8.2
Bonus- Public				
Available	100	300	300	225
Issued	100	252	209	216
Killed	16	20	18	21
Success Rate (%)	16.0	7.9	8.6	9.7
Bonus- Private				
Available	1,900	1,500	1,500	1,000
Issued	1,085	763	638	593
Killed	251	142	111	85
Success Rate (%)	23.1	18.6	17.4	14.3
Bonus- Total				
Available	2,000	1,800	1,800	1,225
Issued	1,185	1,015	847	809
Killed	267	162	129	106
Success Rate (%)	22.5	16.0	15.2	13.1

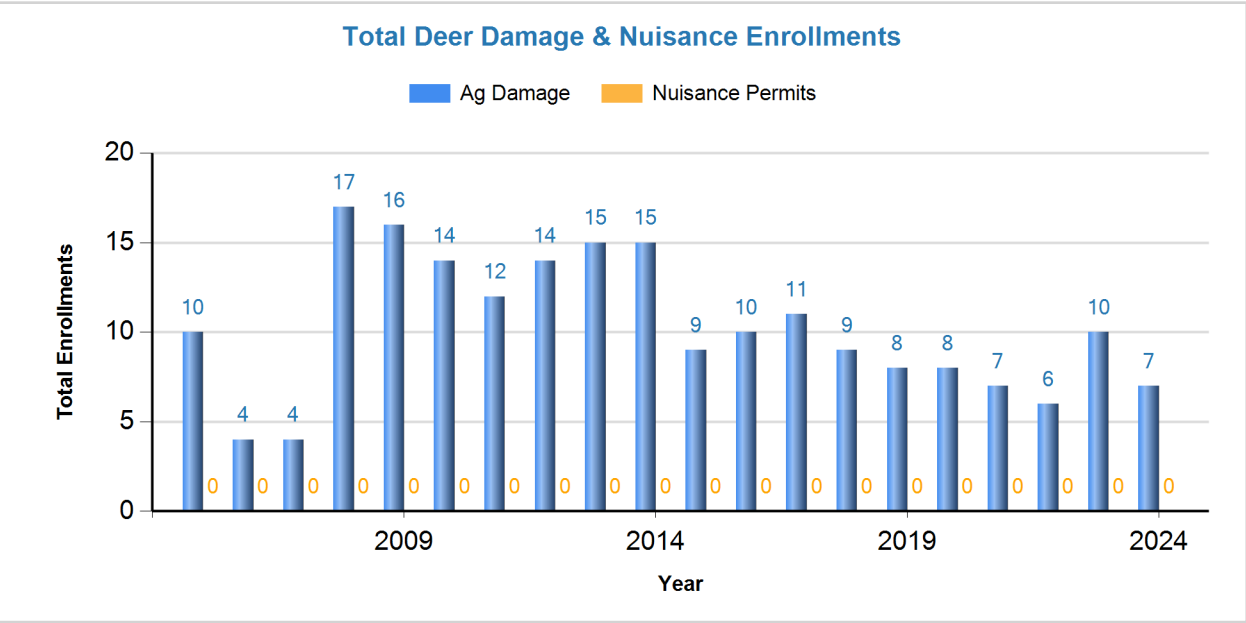
Herd Abundance

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

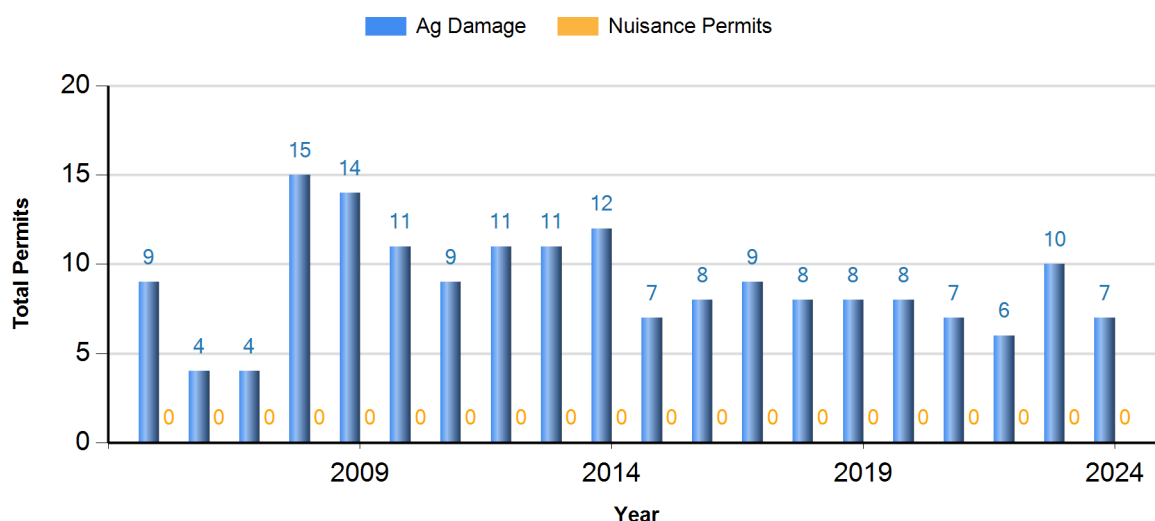


Deer Impacts – Agriculture & Nuisance Impacts

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



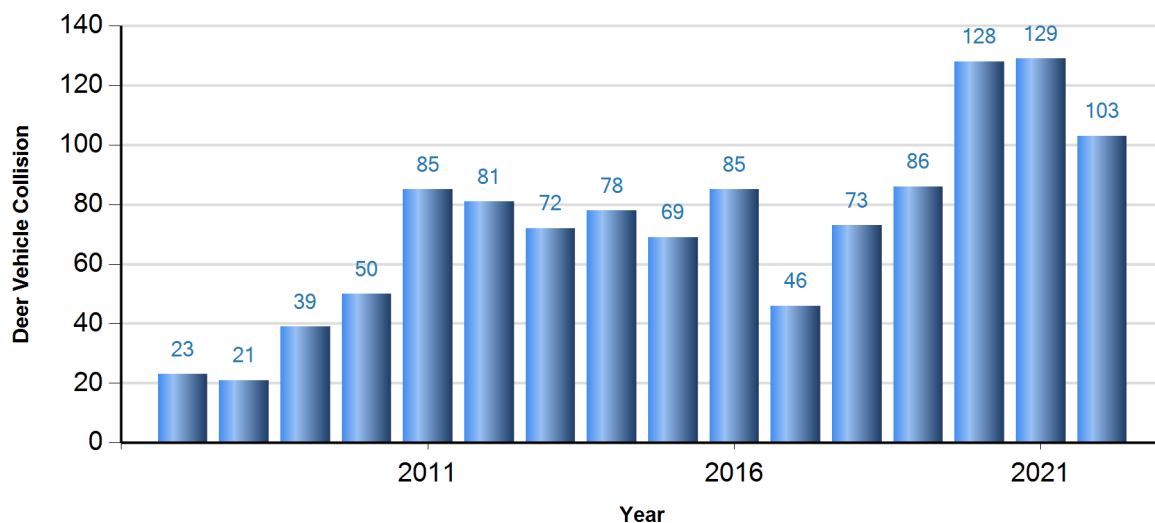
Total Deer Damage & Nuisance Shooting Permits Issued



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.

