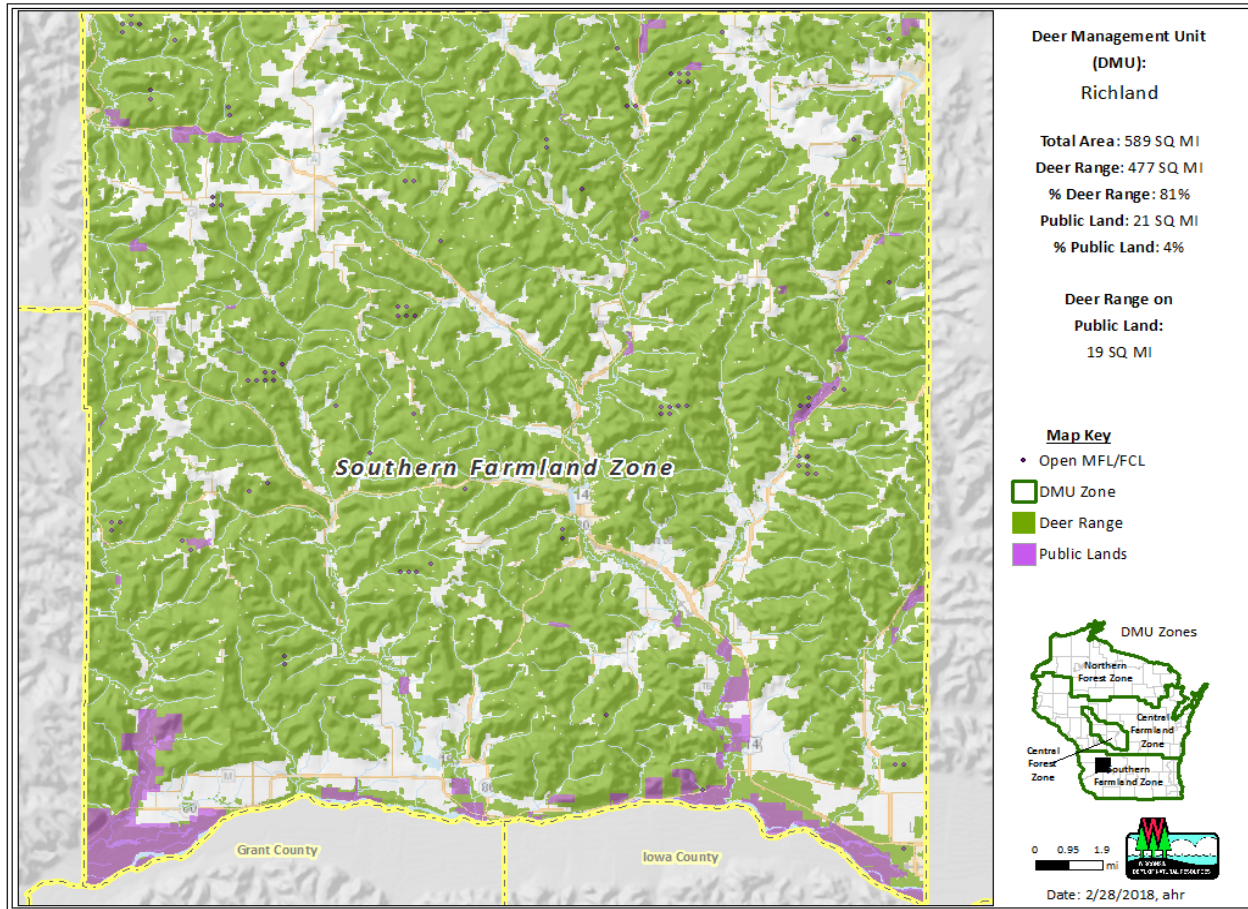


Richland County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

Richland County is located in the Southern Farmland Zone. The total land area is 589 square miles, with 477 square miles (81 percent) considered suitable deer range. Richland County is a mosaic of forest and farmland in hilly terrain, making it ideal for supporting high densities of deer. There are many absentee landowners and a high portion of the deer hunters live in other parts of the state. The southern edge of the county contains large tracts of public land in the Lower Wisconsin State Riverway, which receives moderate to high hunting pressure. Deer damage to agricultural crops is consistently high. During the 2017 hunting season, the harvest averaged 12 deer per square mile of deer range. Chronic Wasting Disease is spreading rapidly after first being detected in 2002 in the southeastern part of the unit. There were 87 new cases of CWD detected in 2017, bringing the total to 256. For the latest information on CWD, please visit the following DNR webpage: <http://dnr.wi.gov/topic/wildlifehabitat/prevalence.html>. The current deer herd management objective is decrease.

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.

Southern Farmland Management Zone

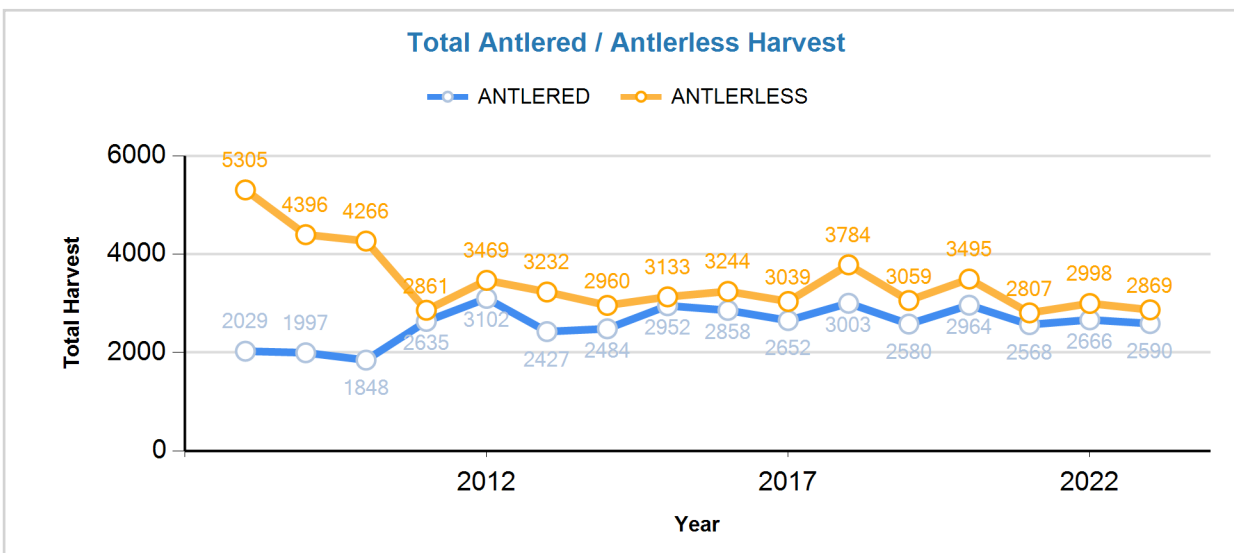
Total Area of Unit (Sq. Miles): 589.00

Deer Range of Unit (Sq. Miles): 477.00

Total Harvest for Richland County - Southern Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2484	2952	2858	2652	3003	2580	2964	2568	2666	2590
Antlerless	2992	3133	3244	3039	3784	3059	3495	2807	2998	2869
Total	5476	6085	6102	5691	6787	5639	6459	5375	5664	5459
Gun										
Antlered	1786	2183	2009	1834	2198	1631	1863	1624	1810	1714
Antlerless	2418	2623	2711	2532	3123	2495	2811	2338	2527	2342
Total	4204	4806	4720	4366	5321	4126	4674	3962	4337	4056
Bow										
Antlered	548	541	545	498	448	528	590	487	457	443
Antlerless	451	354	345	306	368	335	360	255	253	288
Total	999	895	890	804	816	863	950	742	710	731
Crossbow										
Antlered	150	228	304	320	357	421	511	457	399	433
Antlerless	123	156	188	201	293	229	324	214	218	239
Total	273	384	492	521	650	650	835	671	617	672
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	152	117	145	110	106	76	87	99

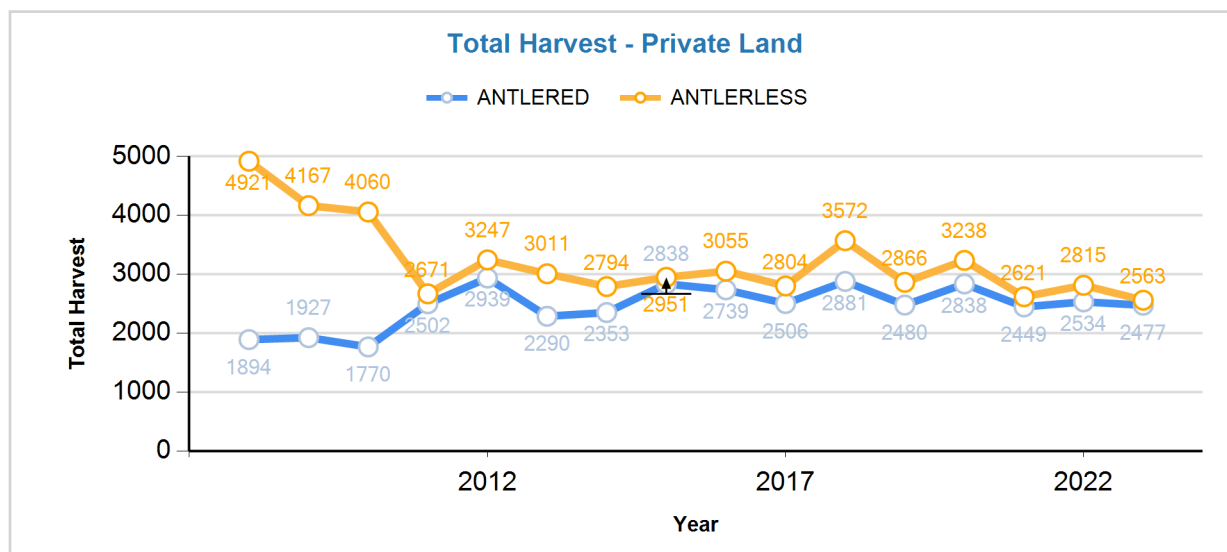
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Richland County - Southern Farmland Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2353	2838	2739	2506	2881	2480	2838	2449	2534	2477
Antlerless	2826	2951	3055	2804	3572	2866	3238	2621	2815	2563
Total	5179	5789	5794	5310	6453	5346	6076	5070	5349	5040
Gun										
Antlered	1702	2102	1931	1744	2124	1588	1814	1563	1752	1659
Antlerless	2288	2476	2562	2354	2976	2363	2636	2204	2397	2107
Total	3990	4578	4493	4098	5100	3951	4450	3767	4149	3766
Bow										
Antlered	511	512	516	459	415	494	536	452	409	403
Antlerless	420	330	313	273	341	296	313	222	227	239
Total	931	842	829	732	756	790	849	674	636	642
Crossbow										
Antlered	140	224	292	303	342	398	488	434	373	415
Antlerless	118	145	180	177	255	207	289	195	191	217
Total	258	369	472	480	597	605	777	629	564	632
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	145	110	144	104	102	76	84	98

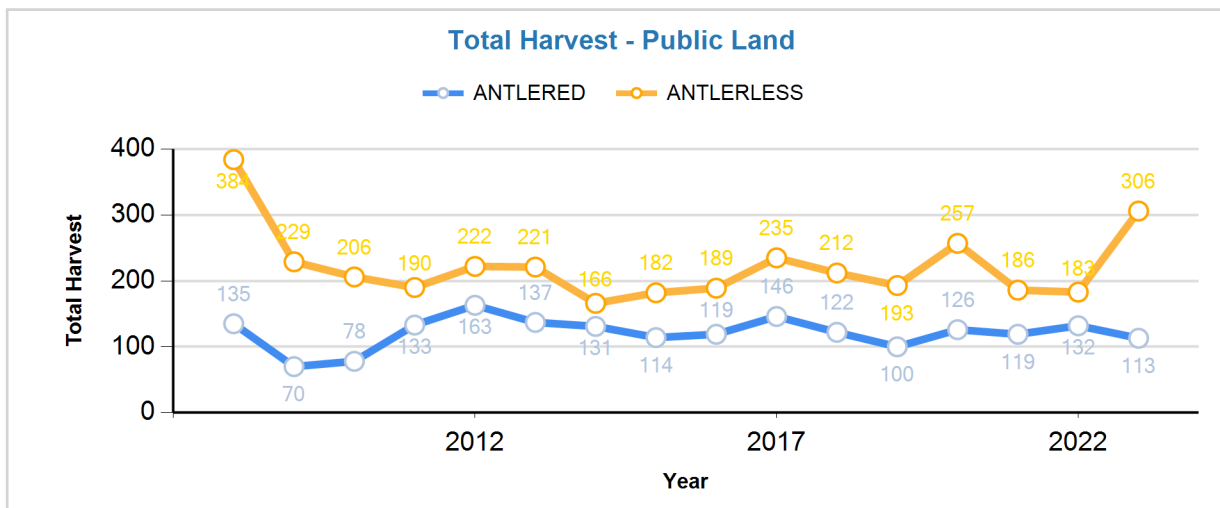
* Tribal and Youth Antlerless data are included in above totals where they apply



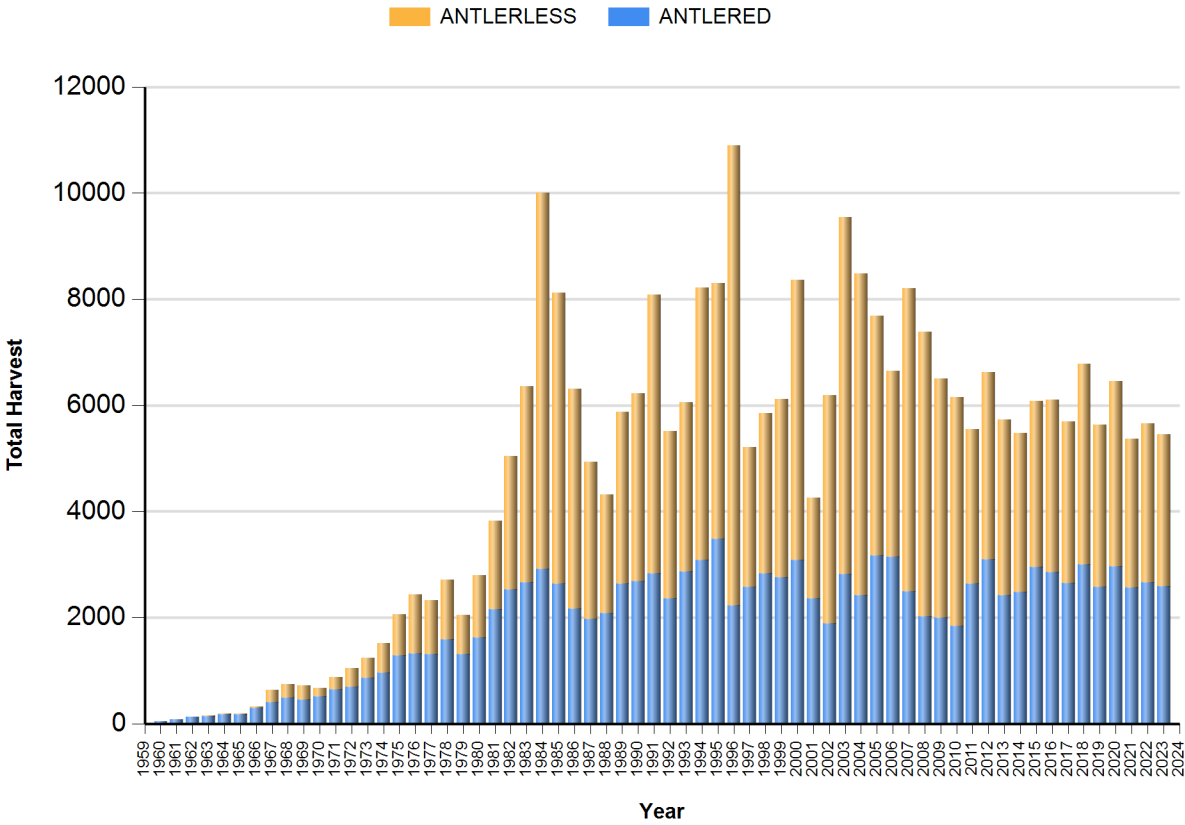
Total Harvest for Richland County - Southern Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	131	114	119	146	122	100	126	119	132	113
Antlerless	166	182	189	235	212	193	257	186	183	306
Total	297	296	308	381	334	293	383	305	315	419
Gun										
Antlered	84	81	78	90	74	43	49	61	58	55
Antlerless	130	147	149	178	147	132	175	134	130	235
Total	214	228	227	268	221	175	224	195	188	290
Bow										
Antlered	37	29	29	39	33	34	54	35	48	40
Antlerless	31	24	32	33	27	39	47	33	26	49
Total	68	53	61	72	60	73	101	68	74	89
Crossbow										
Antlered	10	4	12	17	15	23	23	23	26	18
Antlerless	5	11	8	24	38	22	35	19	27	22
Total	15	15	20	41	53	45	58	42	53	40
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	7	7	1	6	4	0	3	1

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



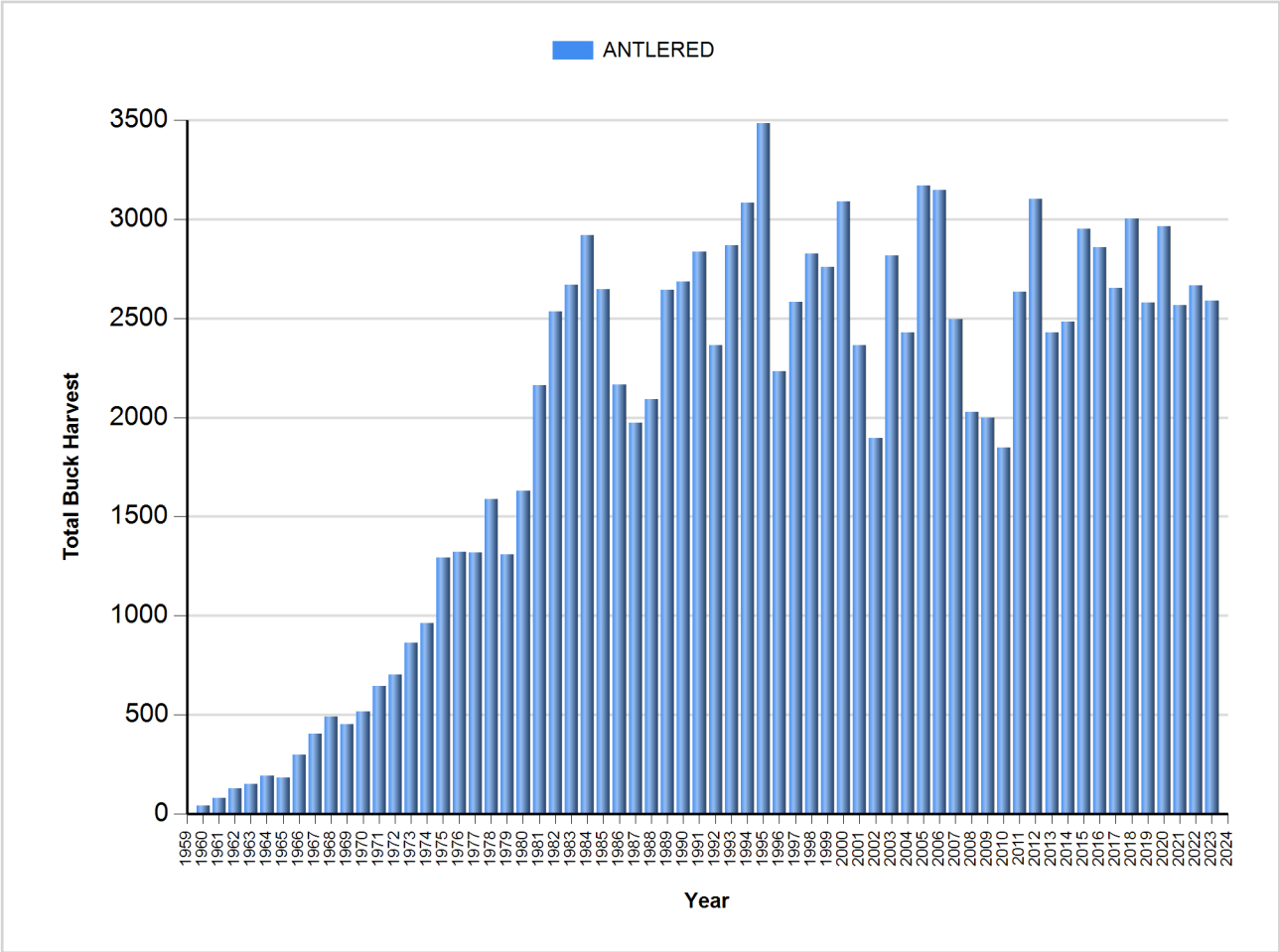
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 1995 - 3,484

Historic Low: 1960 - 41

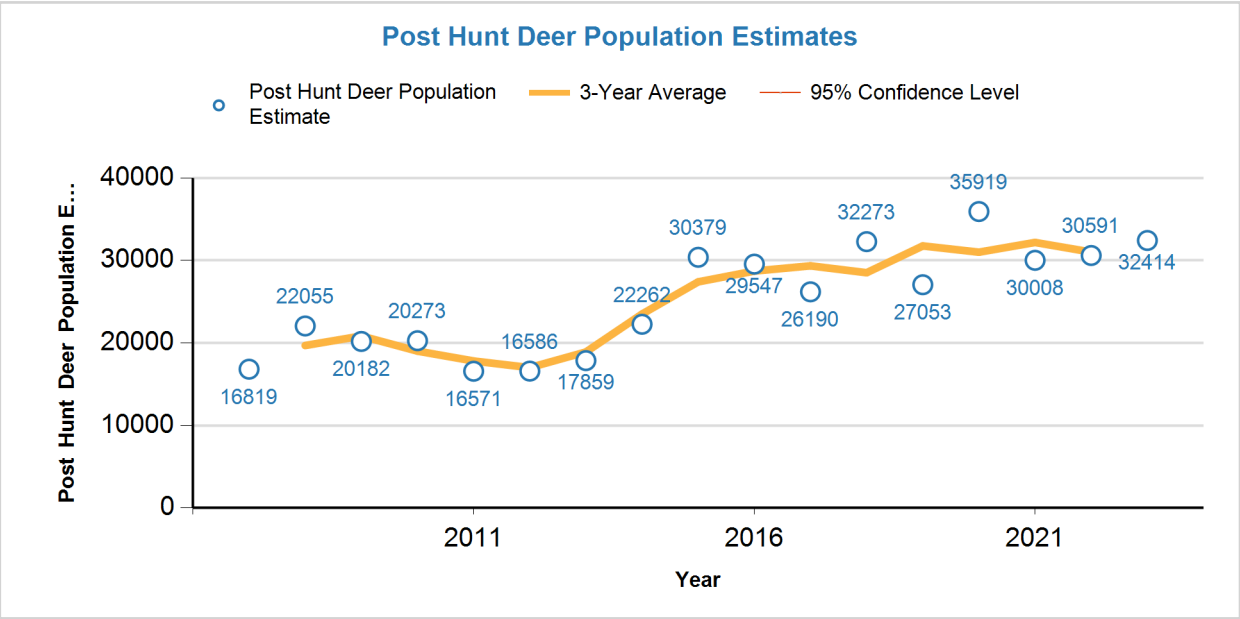


Antlerless Tag Issuance & Success for Richland County - Southern Farmland

Year	2020	2021	2022	2023
Farmland - Public				
Issued	5,434	5,498	5,398	5,355
Killed	231	171	159	167
Success Rate (%)	4.3	3.1	2.9	3.1
Farmland - Private				
Issued	41,042	39,750	38,414	38,602
Killed	2,917	2,358	2,512	2,389
Success Rate (%)	7.1	5.9	6.5	6.2
Farmland - Total				
Issued	46,476	45,248	43,812	43,957
Killed	3,148	2,529	2,671	2,556
Success Rate (%)	6.8	5.6	6.1	5.8
Bonus- Public				
Available	500	500	500	500
Issued	182	146	185	161
Killed	20	9	20	13
Success Rate (%)	11.0	6.2	10.8	8.1
Bonus- Private				
Available	2,000	2,000	2,000	2,000
Issued	517	548	506	563
Killed	74	65	81	81
Success Rate (%)	14.3	11.9	16.0	14.4
Bonus- Total				
Available	2,500	2,500	2,500	2,500
Issued	699	694	691	724
Killed	94	74	101	94
Success Rate (%)	13.4	10.7	14.6	13.0

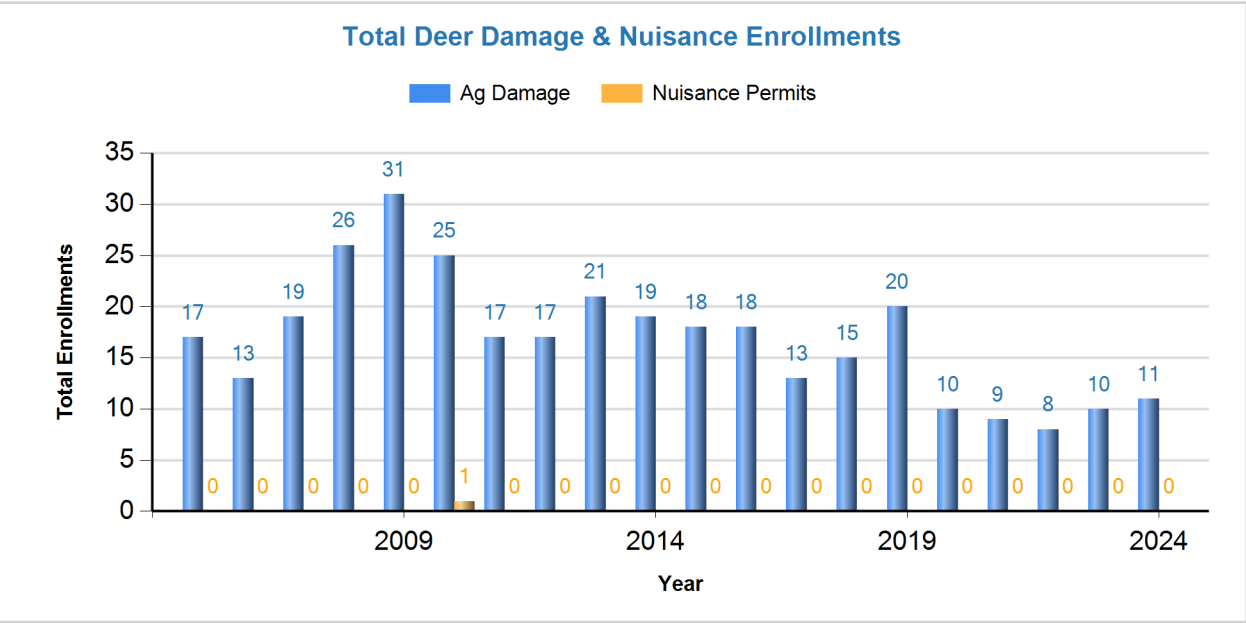
Herd Abundance

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

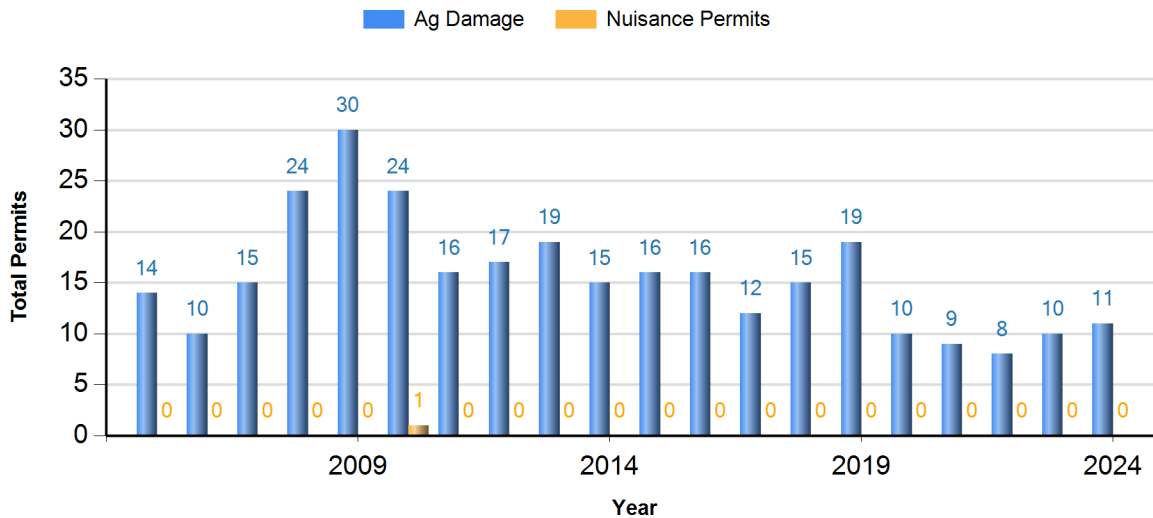


Deer Impacts – Agriculture & Nuisance Impacts

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



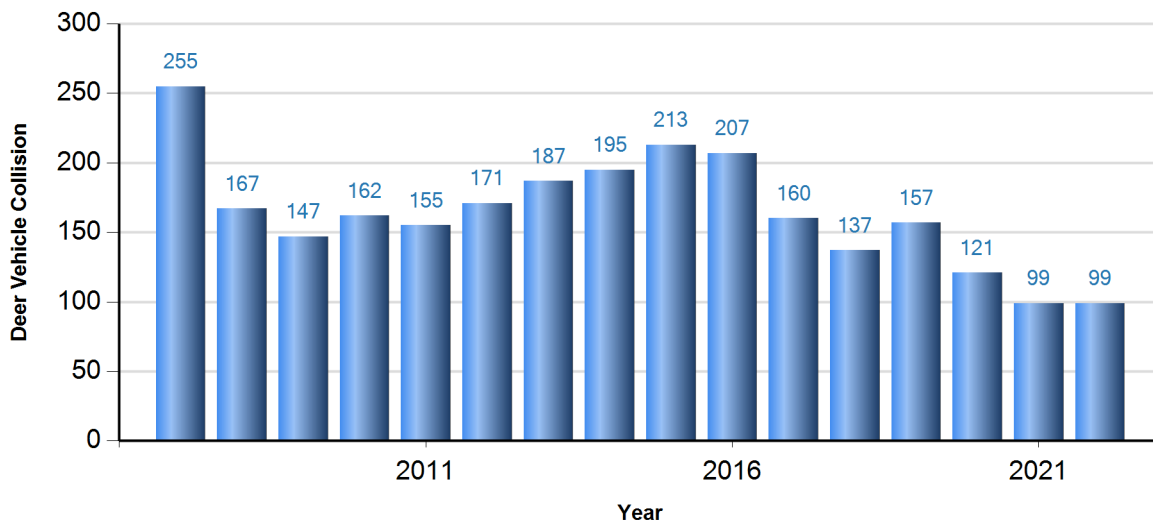
Total Deer Damage & Nuisance Shooting Permits Issued



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.

