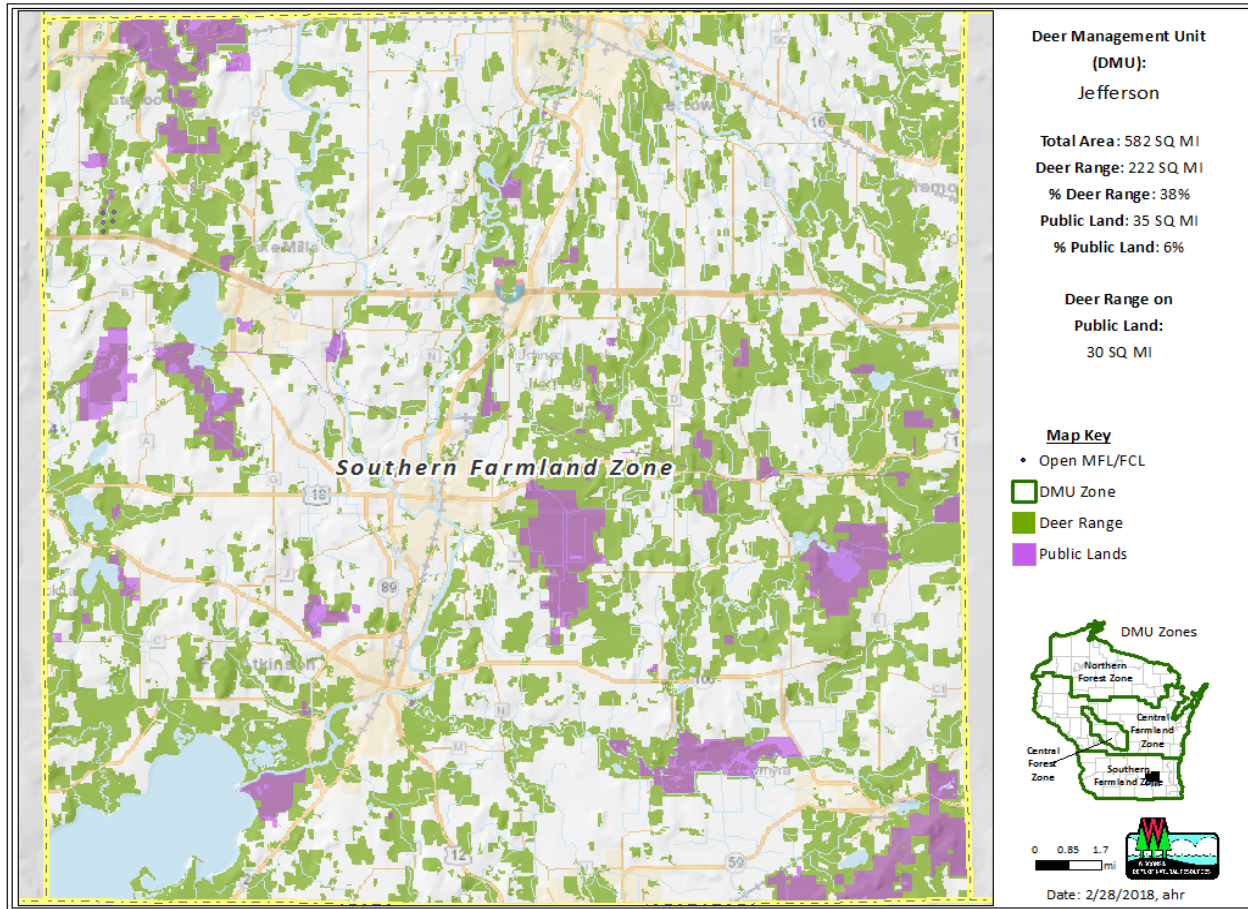


# Jefferson County Deer Metrics Report

## Spring of 2024

### Management Unit:



### Manager's Note:

The Jefferson County Deer Management Unit is located in the Southern Farmland Zone. Approximately 38 percent of the unit is considered suitable deer range. The predominant land use is agriculture with the majority of lands being privately owned. However, public hunting opportunities are abundant with approximately 20,000 acres of state-owned lands open for public use. State-owned properties include Jefferson Marsh Wildlife Area, Koshkonong Wildlife Area, Lake Mills Wildlife Area, Prince's Point Wildlife Area, Rome Pond Wildlife Area and a portion of Waterloo Wildlife Area. These public parcels receive heavy hunting pressure throughout the season. Habitat quality is variable across the unit, creating disparity in deer distribution throughout the unit. The unit is a Chronic Wasting Disease-affected unit. Twelve CWD-positive deer have been confirmed since 2005, with the majority located along the boundary with Rock County. For the latest information on CWD in this unit, please visit the following DNR webpage: <http://dnr.wi.gov/topic/wildlifehabitat/prevalence.html>. The deer population in the unit is slightly rising. 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.

### Southern Farmland Management Zone

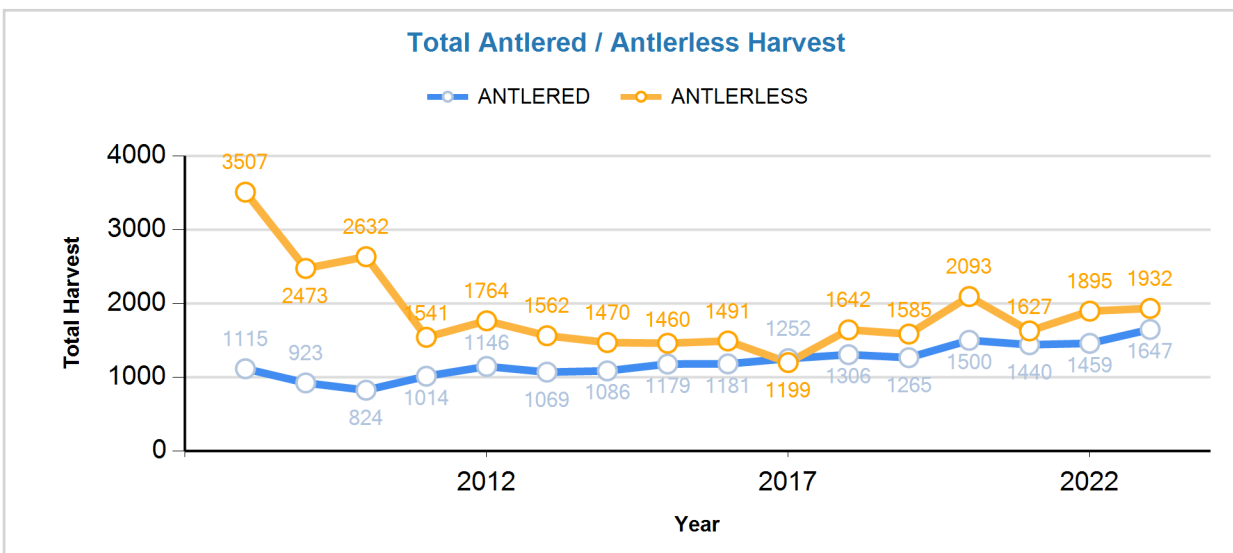
Total Area of Unit (Sq. Miles): 582.40

Deer Range of Unit (Sq. Miles): 222.00

## Total Harvest for Jefferson County - Southern Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	1086	1179	1181	1252	1306	1265	1500	1440	1459	1647
Antlerless	1508	1460	1491	1199	1642	1585	2093	1627	1895	1932
Total	2594	2639	2672	2451	2948	2850	3593	3067	3354	3579
<b>Gun</b>										
Antlered	644	693	719	740	849	645	870	791	881	933
Antlerless	1131	1106	1126	897	1248	1147	1557	1268	1433	1473
Total	1775	1799	1845	1637	2097	1792	2427	2059	2314	2406
<b>Bow</b>										
Antlered	324	314	284	294	247	330	327	336	307	345
Antlerless	281	243	218	170	219	234	281	174	226	223
Total	605	557	502	464	466	564	608	510	533	568
<b>Crossbow</b>										
Antlered	118	172	178	218	210	290	303	313	271	369
Antlerless	96	111	147	132	175	204	255	185	236	236
Total	214	283	325	350	385	494	558	498	507	605
<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	86	82	74	51	68	56	66	77

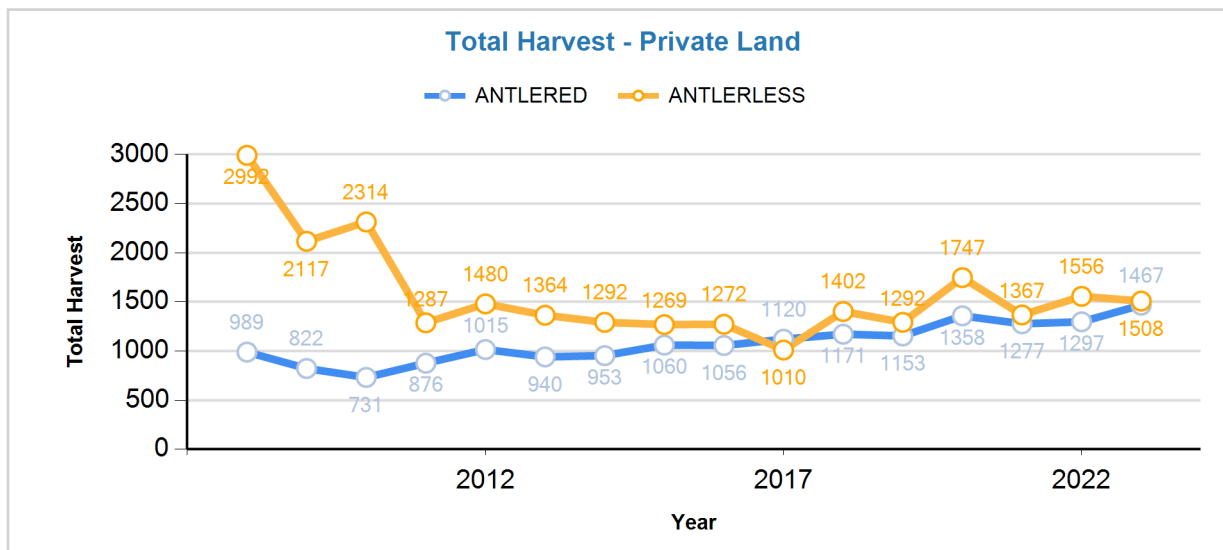
\* Tribal and Youth Antlerless data are included in above totals where they apply



## Total Harvest for Jefferson County - Southern Farmland Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	953	1060	1056	1120	1171	1153	1358	1277	1297	1467
Antlerless	1323	1269	1272	1010	1402	1292	1747	1367	1556	1508
Total	2276	2329	2328	2130	2573	2445	3105	2644	2853	2975
<b>Gun</b>										
Antlered	577	632	636	675	767	590	797	709	789	839
Antlerless	990	964	970	764	1071	964	1320	1084	1197	1160
Total	1567	1596	1606	1439	1838	1554	2117	1793	1986	1999
<b>Bow</b>										
Antlered	271	276	256	249	219	286	286	288	269	291
Antlerless	249	206	181	137	180	173	216	127	170	156
Total	520	482	437	386	399	459	502	415	439	447
<b>Crossbow</b>										
Antlered	105	152	164	196	185	277	275	280	239	337
Antlerless	84	99	121	109	151	155	211	156	189	192
Total	189	251	285	305	336	432	486	436	428	529
<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	71	69	66	46	63	49	64	69

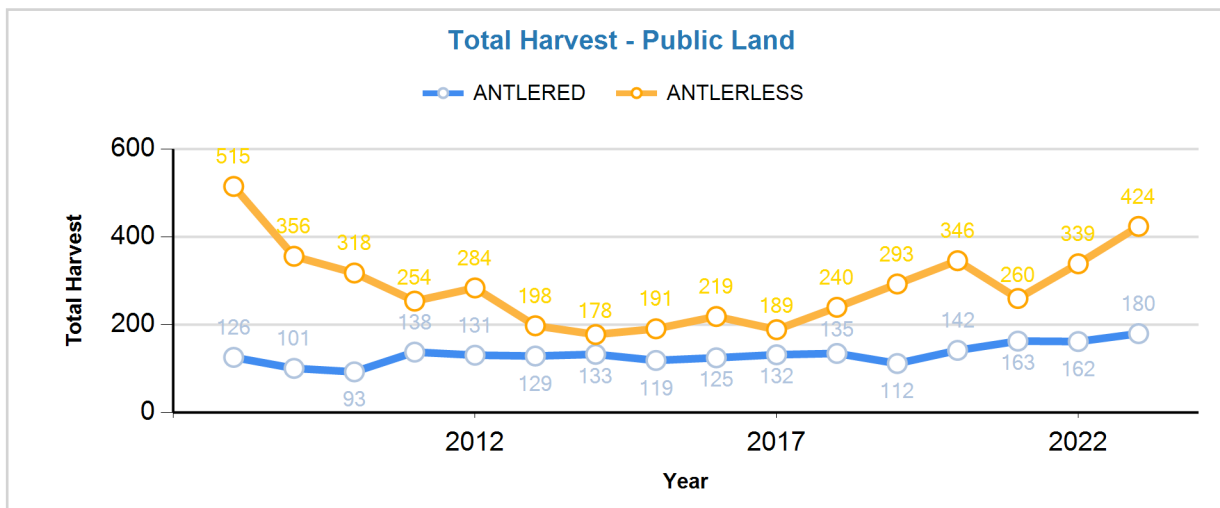
\* Tribal and Youth Antlerless data are included in above totals where they apply



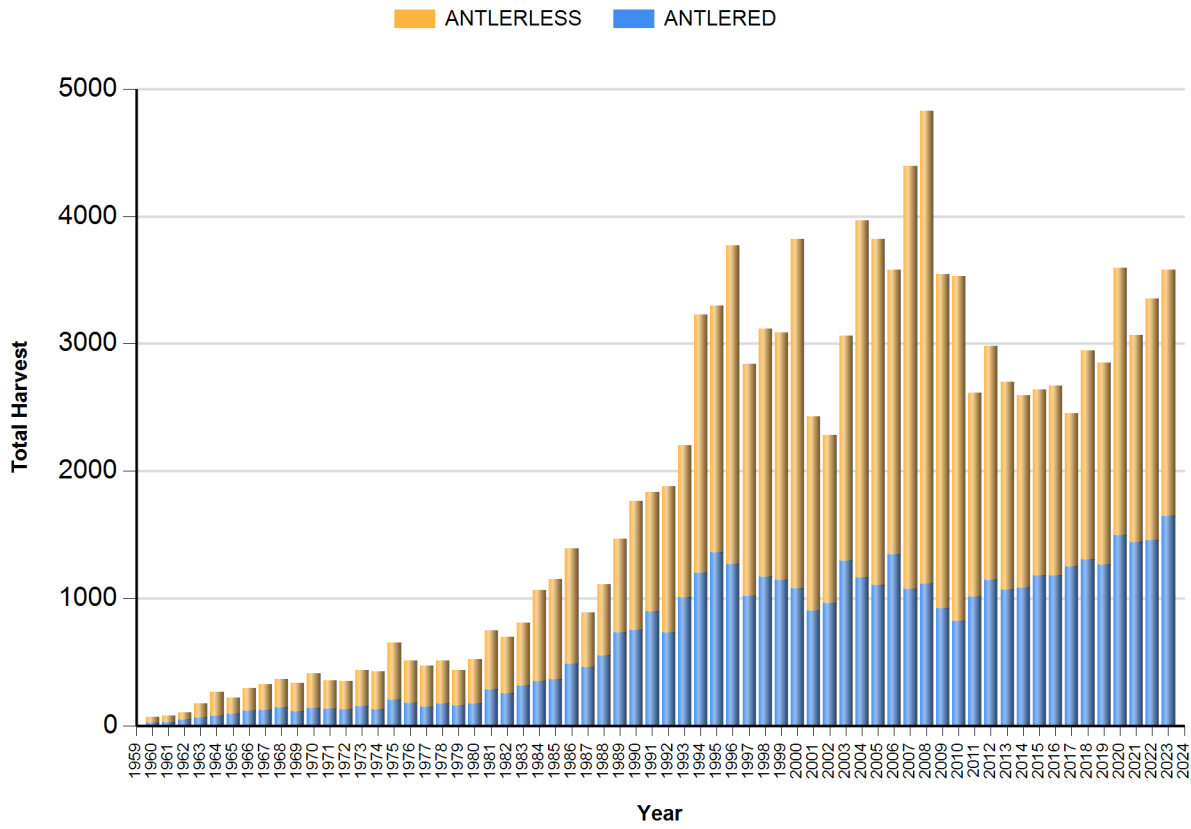
## Total Harvest for Jefferson County - Southern Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	133	119	125	132	135	112	142	163	162	180
Antlerless	185	191	219	189	240	293	346	260	339	424
Total	318	310	344	321	375	405	488	423	501	604
<b>Gun</b>										
Antlered	67	61	83	65	82	55	73	82	92	94
Antlerless	141	142	156	133	177	183	237	184	236	313
Total	208	203	239	198	259	238	310	266	328	407
<b>Bow</b>										
Antlered	53	38	28	45	28	44	41	48	38	54
Antlerless	32	37	37	33	39	61	65	47	56	67
Total	85	75	65	78	67	105	106	95	94	121
<b>Crossbow</b>										
Antlered	13	20	14	22	25	13	28	33	32	32
Antlerless	12	12	26	23	24	49	44	29	47	44
Total	25	32	40	45	49	62	72	62	79	76
<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	15	13	8	5	5	7	2	8

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



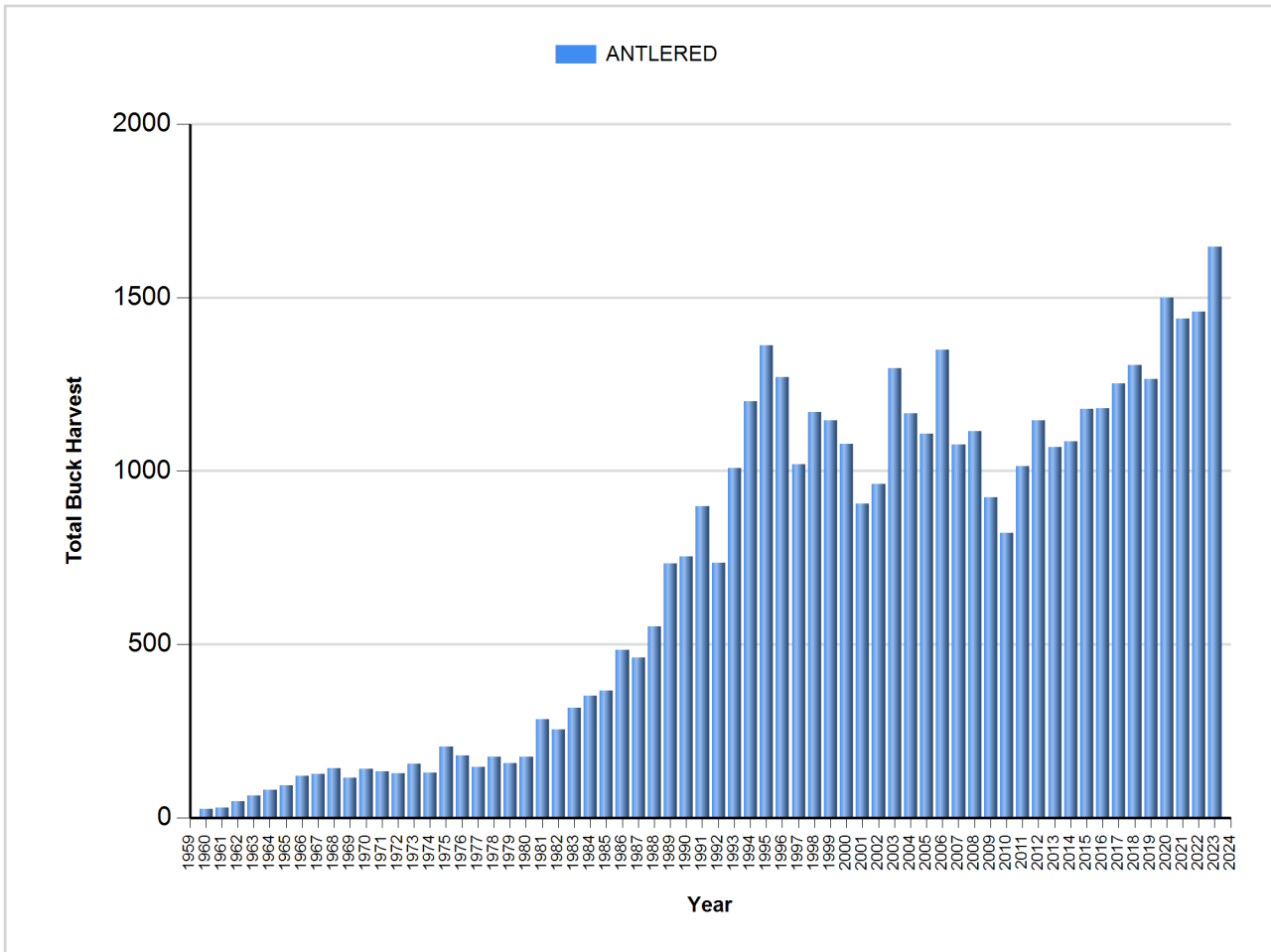
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 2023 - 1,647

Historic Low: 1960 - 25



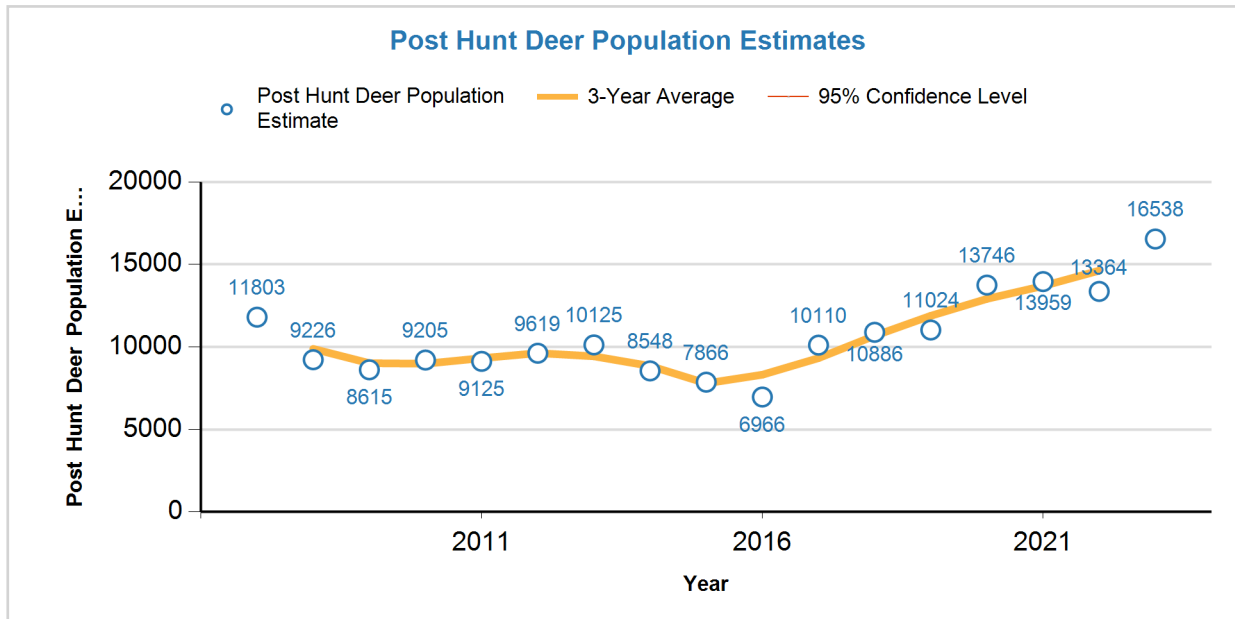
**Antlerless Tag Issuance & Success for Jefferson County - Southern Farmland**

Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued	5,981	5,753	5,796	5,943
Killed	295	214	280	287
Success Rate (%)	4.9	3.7	4.8	4.8
<b>Farmland - Private</b>				
Issued	14,587	14,063	13,772	14,141
Killed	1,482	1,171	1,306	1,322
Success Rate (%)	10.2	8.3	9.5	9.3
<b>Farmland - Total</b>				
Issued	20,568	19,816	19,568	20,084
Killed	1,777	1,385	1,586	1,609
Success Rate (%)	8.6	7.0	8.1	8.0
<b>Bonus- Public</b>				
Available	850	850	850	850
Issued	667	667	661	690
Killed	42	37	53	53
Success Rate (%)	6.3	5.5	8.0	7.7
<b>Bonus- Private</b>				
Available	1,500	1,500	1,500	1,500
Issued	884	789	780	801
Killed	133	95	117	110
Success Rate (%)	15.0	12.0	15.0	13.7
<b>Bonus- Total</b>				
Available	2,350	2,350	2,350	2,350
Issued	1,551	1,456	1,441	1,491
Killed	175	132	170	163
Success Rate (%)	11.3	9.1	11.8	10.9



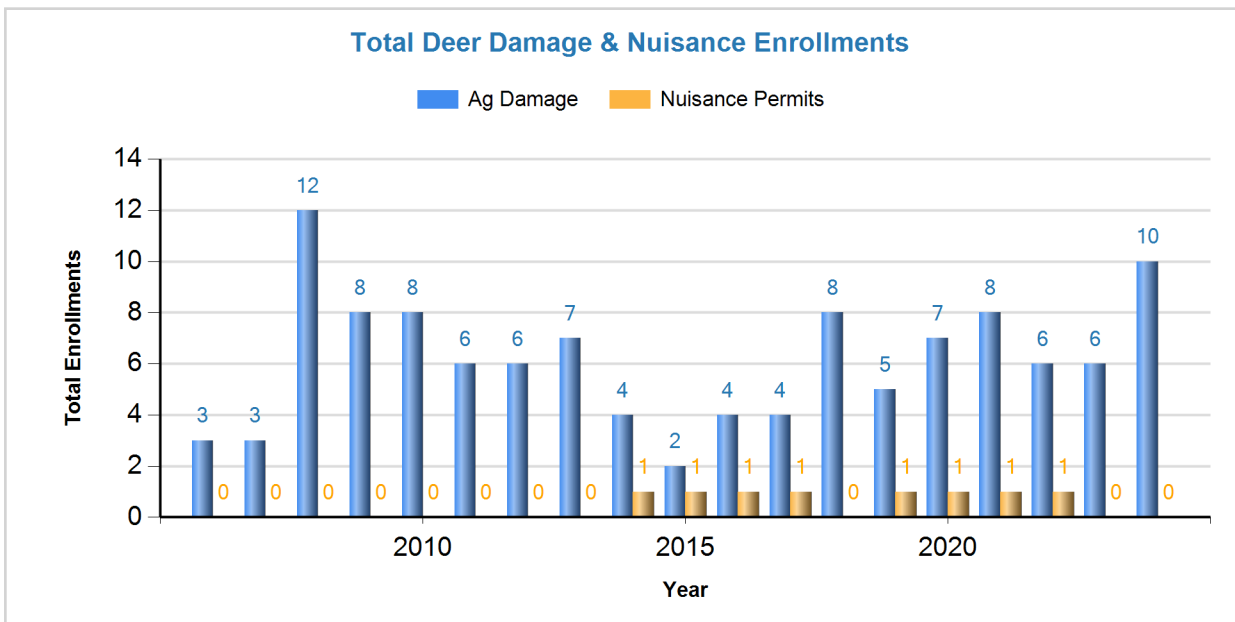
## Herd Abundance

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

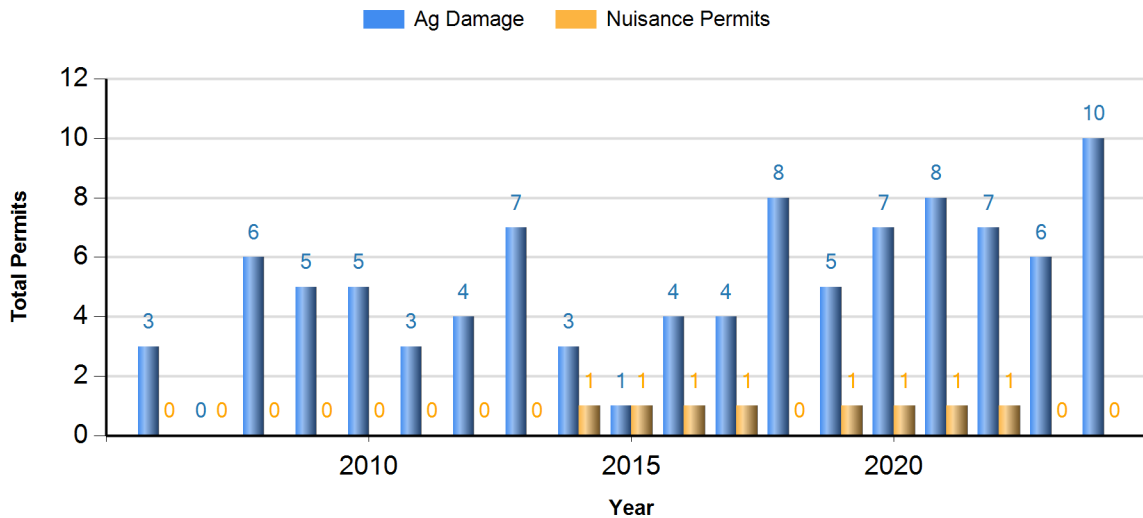


## Deer Impacts – Agriculture & Nuisance Impacts

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



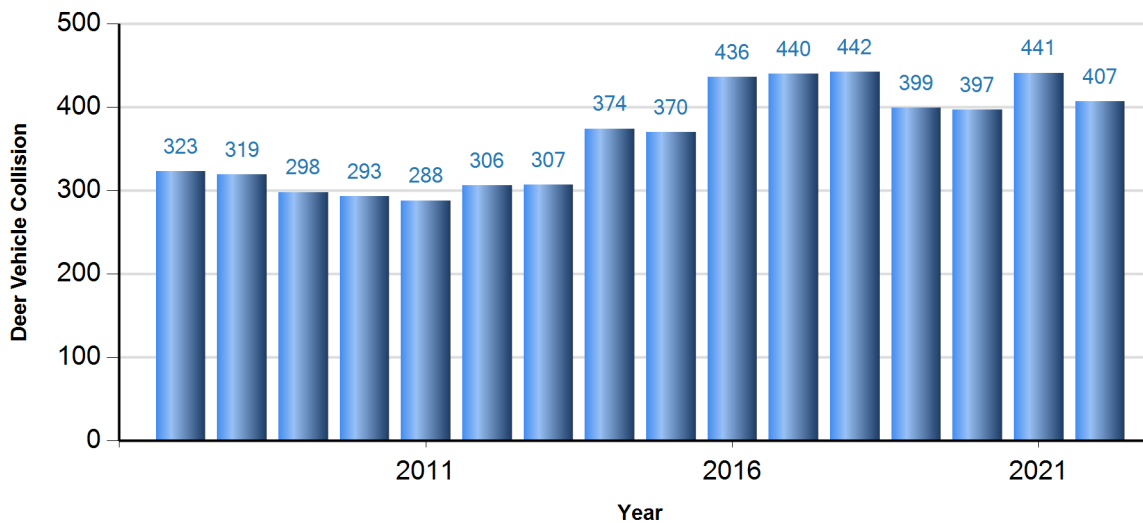
### Total Deer Damage & Nuisance Shooting Permits Issued



### 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

