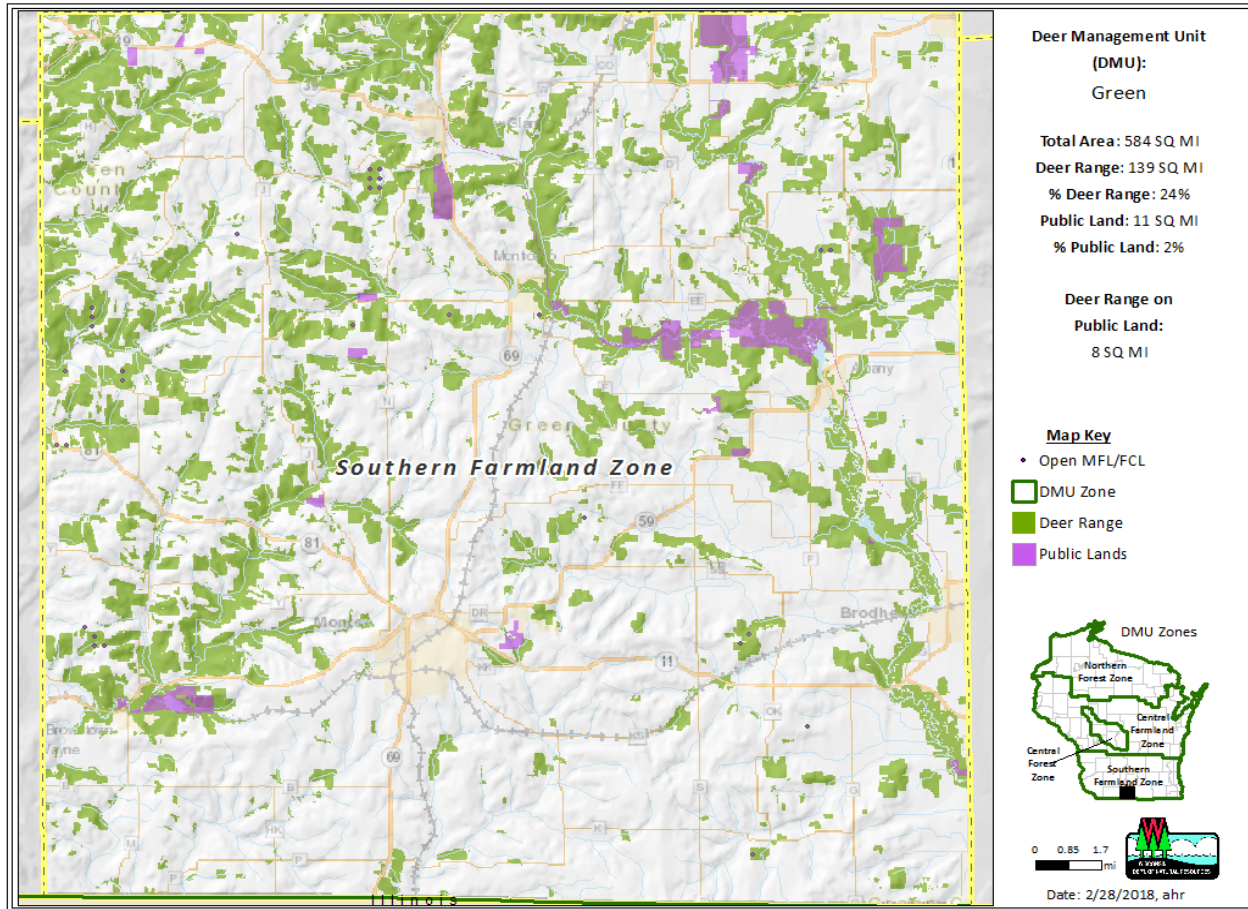


# Green County Deer Metrics Report

## Spring of 2024

### Management Unit:



### Manager's Note:

The Green County Deer Management Unit (DMU) is located in the Southern Farmland Zone, encompassing 584 square miles in south-central Wisconsin along the Illinois border. The current deer herd management objective is to MAINTAIN the population. Approximately 24 percent of the unit is considered suitable deer range (139 square miles), including shrubby grasslands, woodland and field edges. Green County is intensively farmed with cropland, scattered woodlots and wooded ridges framed between bottomlands of the Sugar and Pecatonica River basins. Historically, it was a very open landscape dominated by prairie and savanna vegetation. As a transition zone between the glaciated outwash plains and the unglaciated Driftless Area, the terrain becomes hillier and wooded as you travel northwest through the unit. Public land available for deer hunting is at a premium with Brooklyn Wildlife Area, Albany Wildlife Area, Liberty Creek Wildlife Area and Browntown-Cadiz Springs Recreation Area comprising the majority of approximately 7,000 acres (2% of total land ownership). For the latest information on CWD in this unit, please visit the DNR webpage: <https://dnr.wisconsin.gov/topic/wildlifehabitat/cwd.html>

### 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**

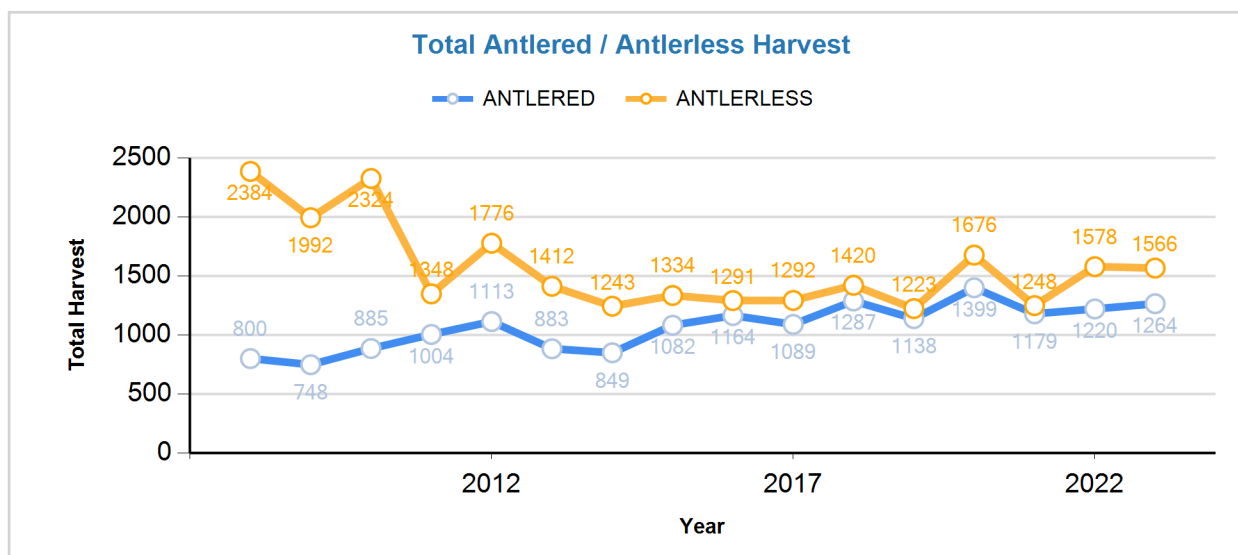
Total Area of Unit (Sq. Miles): 584.00

Deer Range of Unit (Sq. Miles): 138.60

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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	849	1082	1164	1089	1287	1138	1399	1179	1220	1264
Antlerless	1272	1334	1291	1292	1420	1223	1676	1248	1578	1566
Total	2121	2416	2455	2381	2707	2361	3075	2427	2798	2830
<b>Gun</b>										
Antlered	572	719	810	729	920	691	902	727	808	816
Antlerless	1046	1060	1074	1050	1163	946	1313	968	1253	1291
Total	1618	1779	1884	1779	2083	1637	2215	1695	2061	2107
<b>Bow</b>										
Antlered	216	248	239	215	205	239	264	222	192	204
Antlerless	176	187	139	150	161	150	199	139	173	118
Total	392	435	378	365	366	389	463	361	365	322
<b>Crossbow</b>										
Antlered	61	115	115	145	162	208	233	230	220	244
Antlerless	50	87	78	92	96	127	164	141	152	157
Total	111	202	193	237	258	335	397	371	372	401
<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	72	93	70	56	77	71	70	42

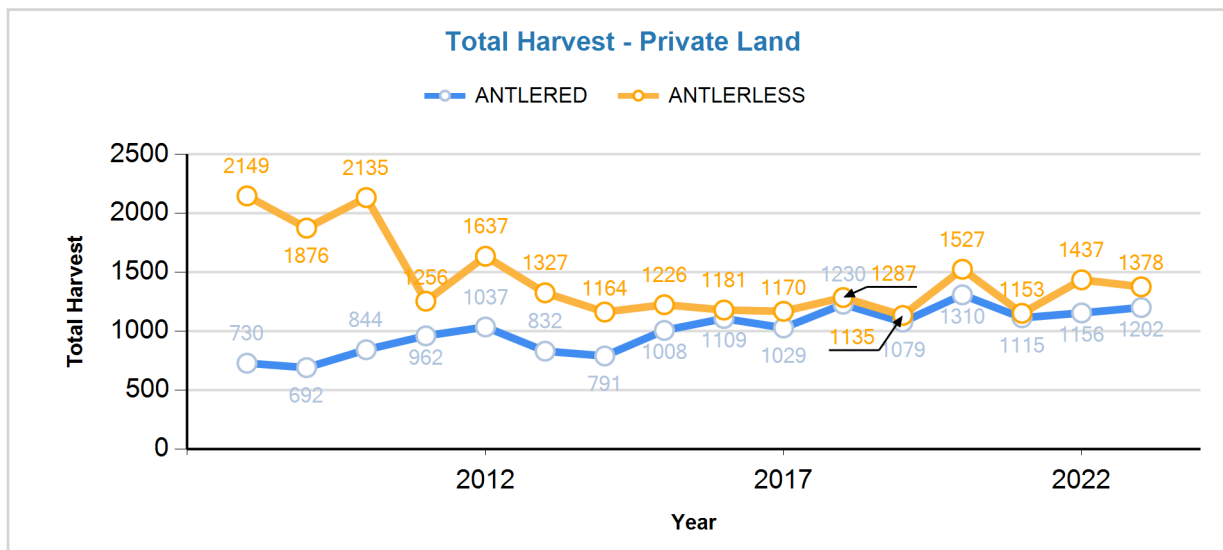
\* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	791	1008	1109	1029	1230	1079	1310	1115	1156	1202
Antlerless	1190	1226	1181	1170	1287	1135	1527	1153	1437	1378
Total	1981	2234	2290	2199	2517	2214	2837	2268	2593	2580
<b>Gun</b>										
Antlered	534	673	779	687	892	662	851	696	769	780
Antlerless	978	978	993	960	1060	891	1216	910	1161	1138
Total	1512	1651	1772	1647	1952	1553	2067	1606	1930	1918
<b>Bow</b>										
Antlered	197	231	221	205	187	221	241	203	178	189
Antlerless	163	172	120	129	140	130	169	117	144	100
Total	360	403	341	334	327	351	410	320	322	289
<b>Crossbow</b>										
Antlered	60	104	109	137	151	196	218	216	209	233
Antlerless	49	76	68	81	87	114	142	126	132	140
Total	109	180	177	218	238	310	360	342	341	373
<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	69	89	67	55	75	69	68	40

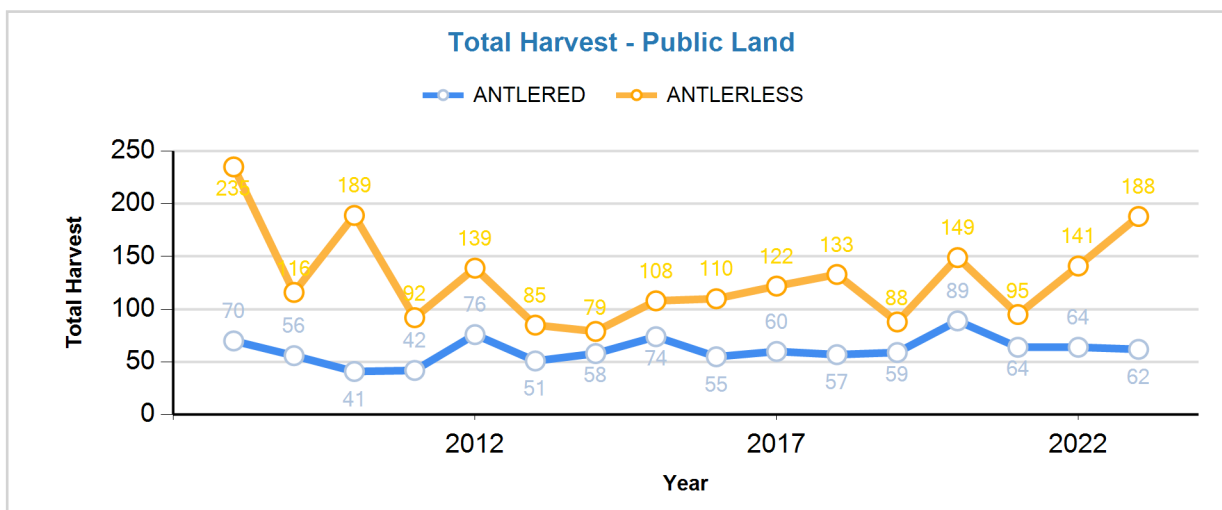
\* Tribal and Youth Antlerless data are included in above totals where they apply



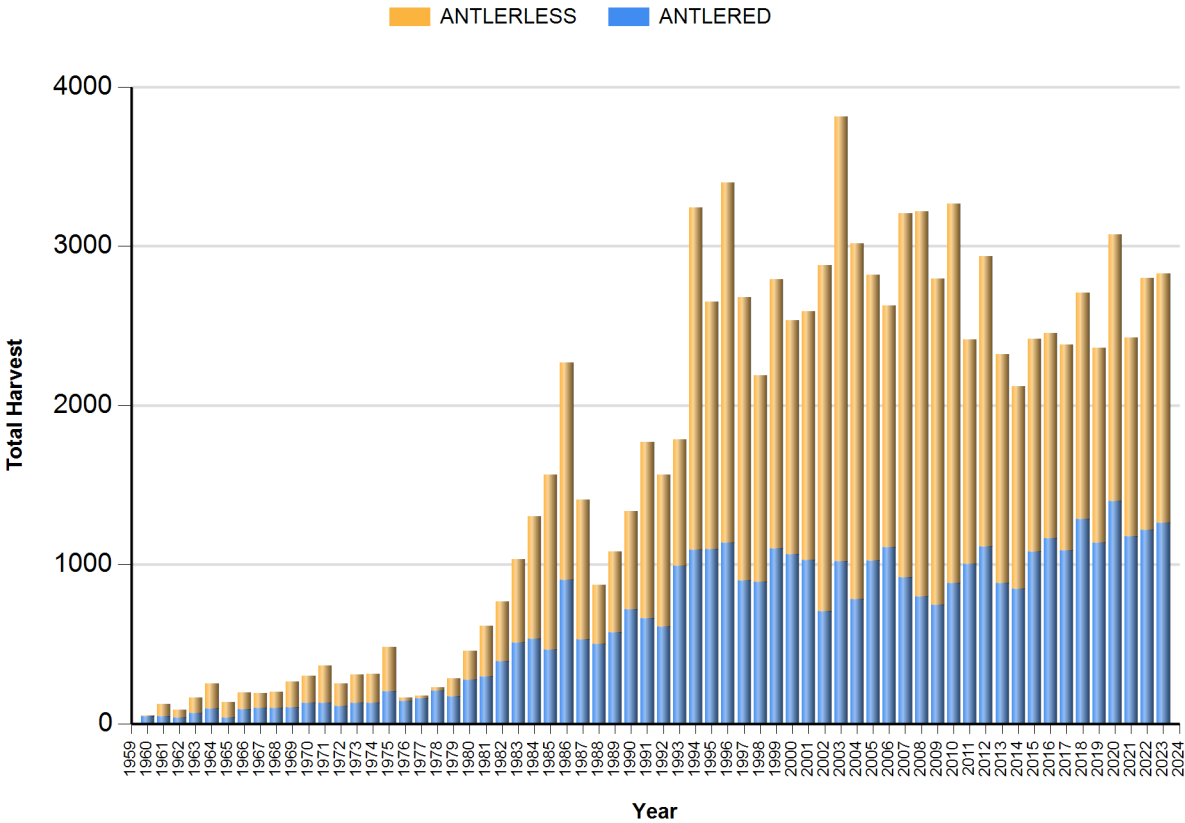
## Total Harvest for Green County - Southern Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	58	74	55	60	57	59	89	64	64	62
Antlerless	82	108	110	122	133	88	149	95	141	188
Total	140	182	165	182	190	147	238	159	205	250
<b>Gun</b>										
Antlered	38	46	31	42	28	29	51	31	39	36
Antlerless	68	82	81	90	103	55	97	58	92	153
Total	106	128	112	132	131	84	148	89	131	189
<b>Bow</b>										
Antlered	19	17	18	10	18	18	23	19	14	15
Antlerless	13	15	19	21	21	20	30	22	29	18
Total	32	32	37	31	39	38	53	41	43	33
<b>Crossbow</b>										
Antlered	1	11	6	8	11	12	15	14	11	11
Antlerless	1	11	10	11	9	13	22	15	20	17
Total	2	22	16	19	20	25	37	29	31	28
<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	3	4	3	1	2	2	2	2

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



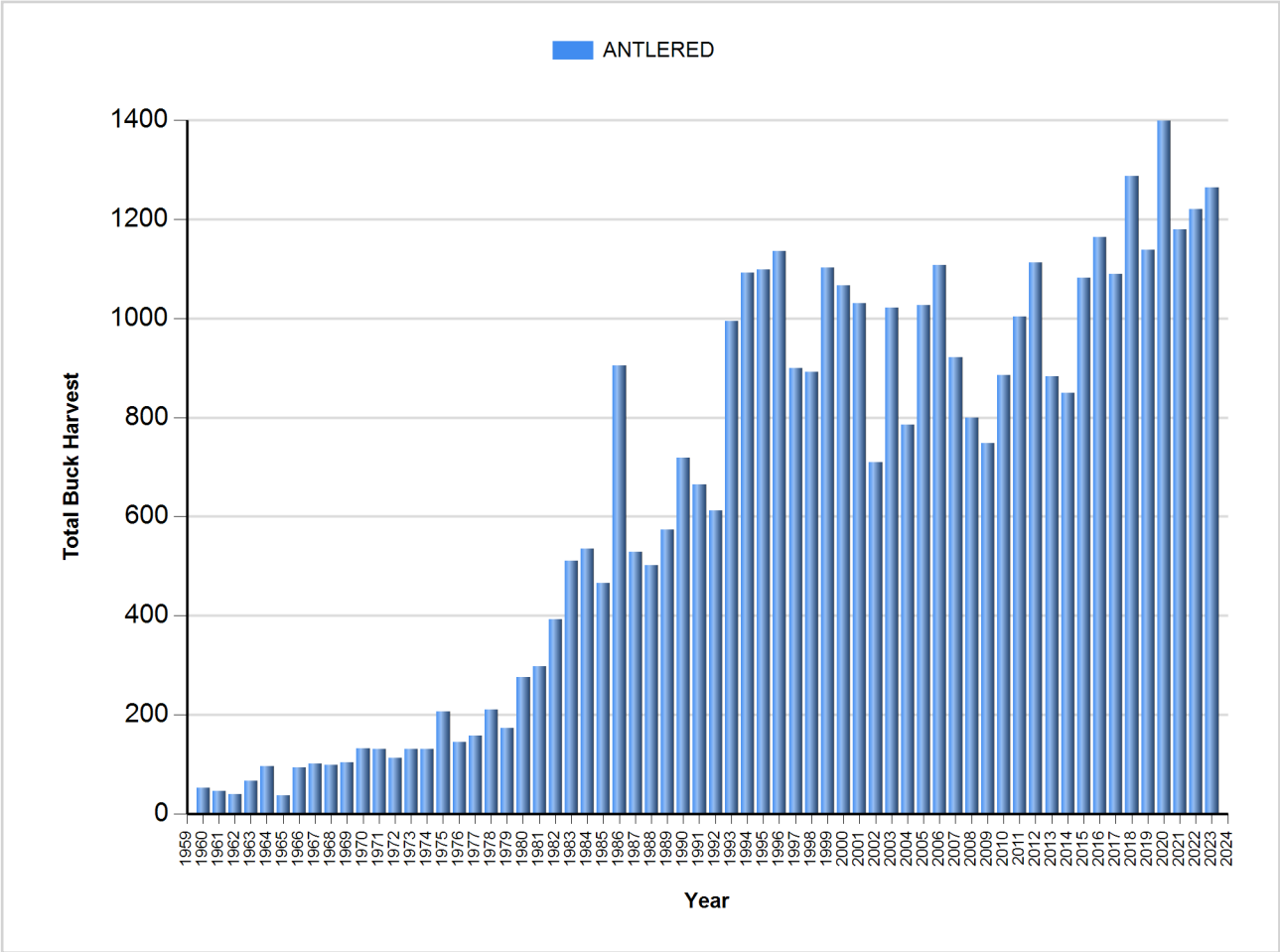
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 2020 - 1,399

Historic Low: 1965 - 37



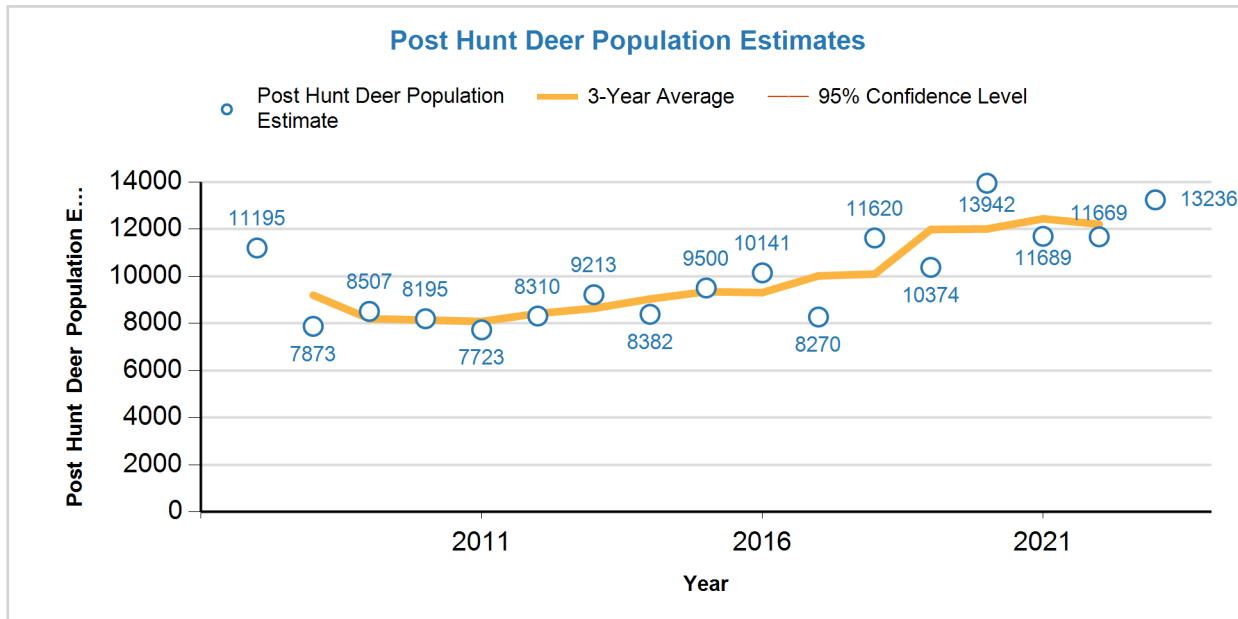
**Antlerless Tag Issuance & Success for Green County - Southern Farmland**

Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued	1,905	1,769	2,883	2,912
Killed	121	72	127	116
Success Rate (%)	6.4	4.1	4.4	4.0
<b>Farmland - Private</b>				
Issued	11,149	10,617	15,390	15,679
Killed	1,313	983	1,251	1,265
Success Rate (%)	11.8	9.3	8.1	8.1
<b>Farmland - Total</b>				
Issued	13,054	12,386	18,273	18,591
Killed	1,434	1,055	1,378	1,381
Success Rate (%)	11.0	8.5	7.5	7.4
<b>Bonus- Public</b>				
Available	300	400	400	400
Issued	211	169	180	156
Killed	26	19	11	11
Success Rate (%)	12.3	11.2	6.1	7.1
<b>Bonus- Private</b>				
Available	1,750	1,950	1,950	1,950
Issued	577	533	426	438
Killed	92	65	52	62
Success Rate (%)	15.9	12.2	12.2	14.2
<b>Bonus- Total</b>				
Available	2,050	2,350	2,350	2,350
Issued	788	702	606	594
Killed	118	84	63	73
Success Rate (%)	15.0	12.0	10.4	12.3



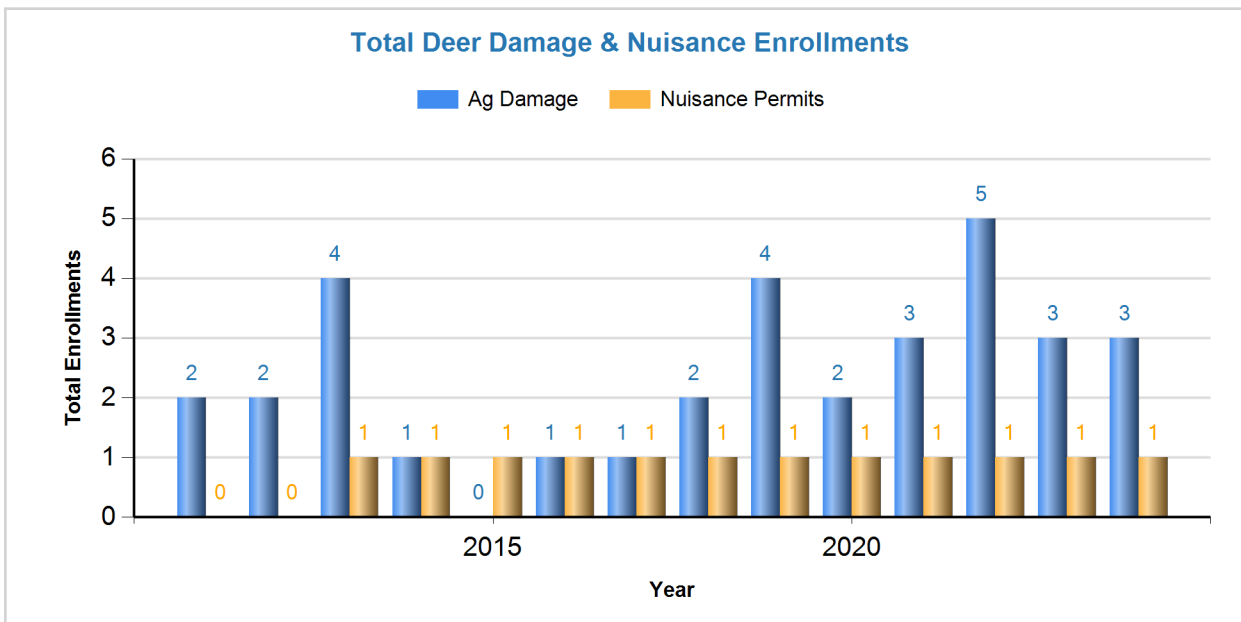
## Herd Abundance

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

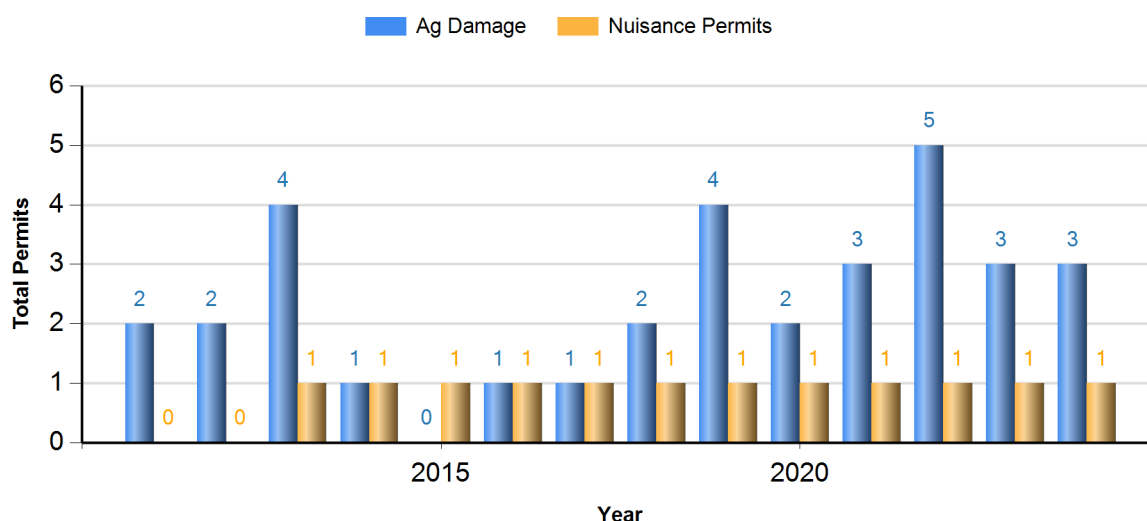


## Deer Impacts – Agriculture & Nuisance Impacts

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



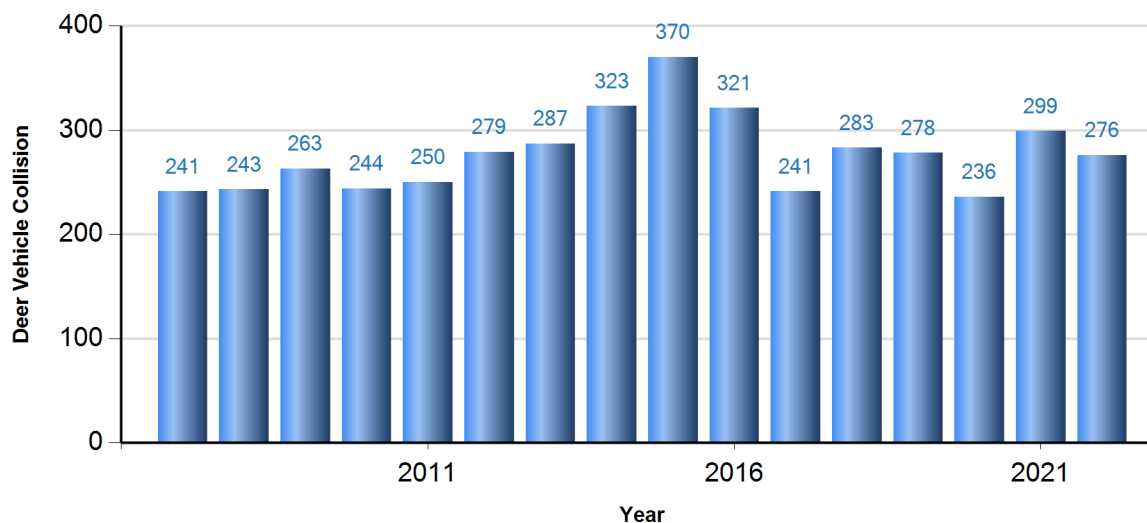
### Total Deer Damage & Nuisance Shooting Permits Issued



### 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

