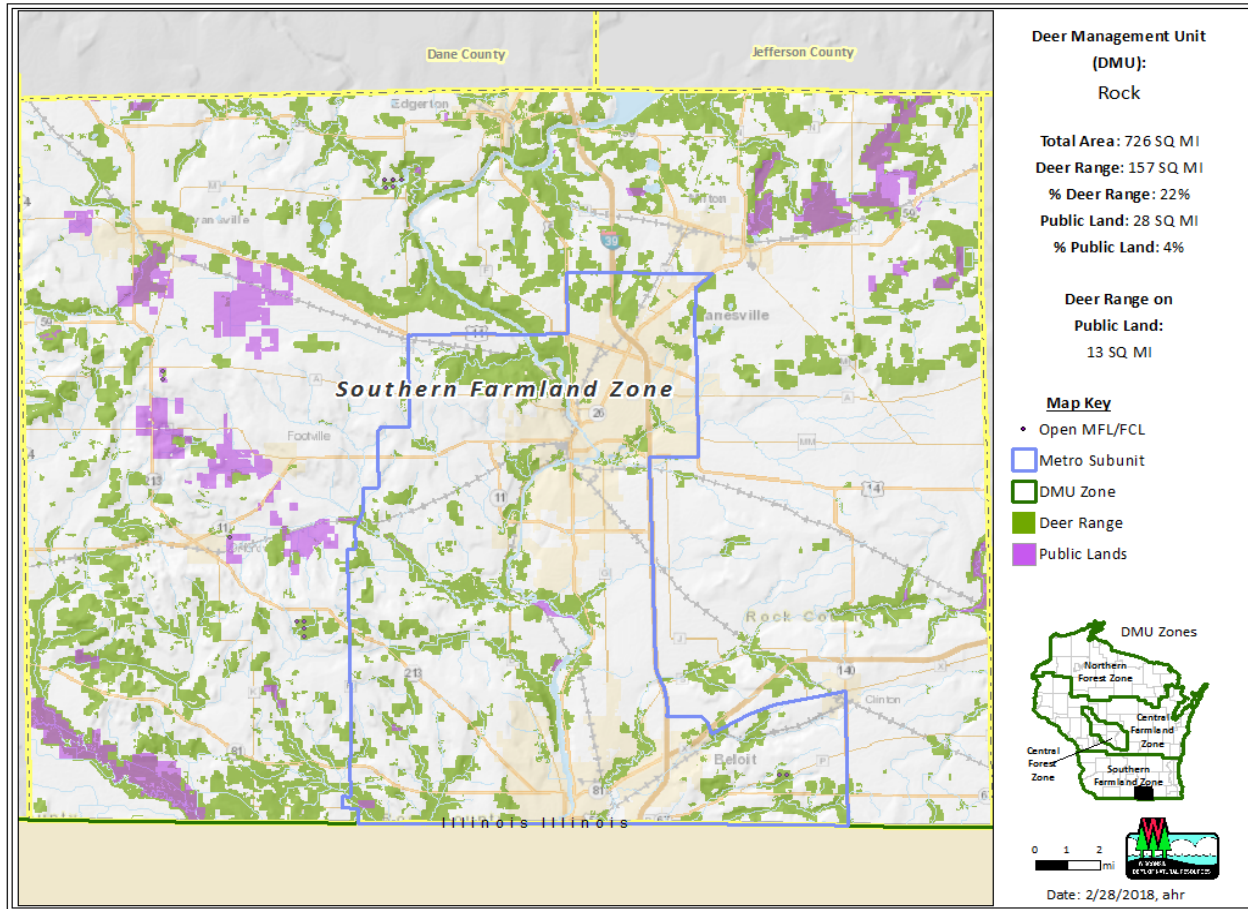


# Rock County Deer Metrics Report

## Spring of 2024

### Management Unit:



### Manager's Note:

The Rock County Deer Management Unit (DMU) is located in the Southern Farmland Zone, encompassing 726 square miles in south-central Wisconsin along the Illinois border. The current deer herd management objective is to MAINTAIN the population. With the Fall 2017 CDAC's recommendation and NRB approval, the county has a Metro Sub-unit located around the cities of Janesville and Beloit which contains approximately 20 percent suitable deer range. Overall, Rock County has approximately 22 percent suitable deer range. The remaining 78 percent is not considered because it is urbanized or represents the core of large agricultural fields. There are approximately 15,000 acres (4% of total land ownership) of public or leased private lands available for public deer hunting, including the Evansville Wildlife Area, Footville Wildlife Area, Lima Marsh-Storrs Lake Wildlife Area, Avon Bottoms Wildlife Area, and various smaller scattered state habitat areas. For the latest information on CWD in this unit, please visit the following 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

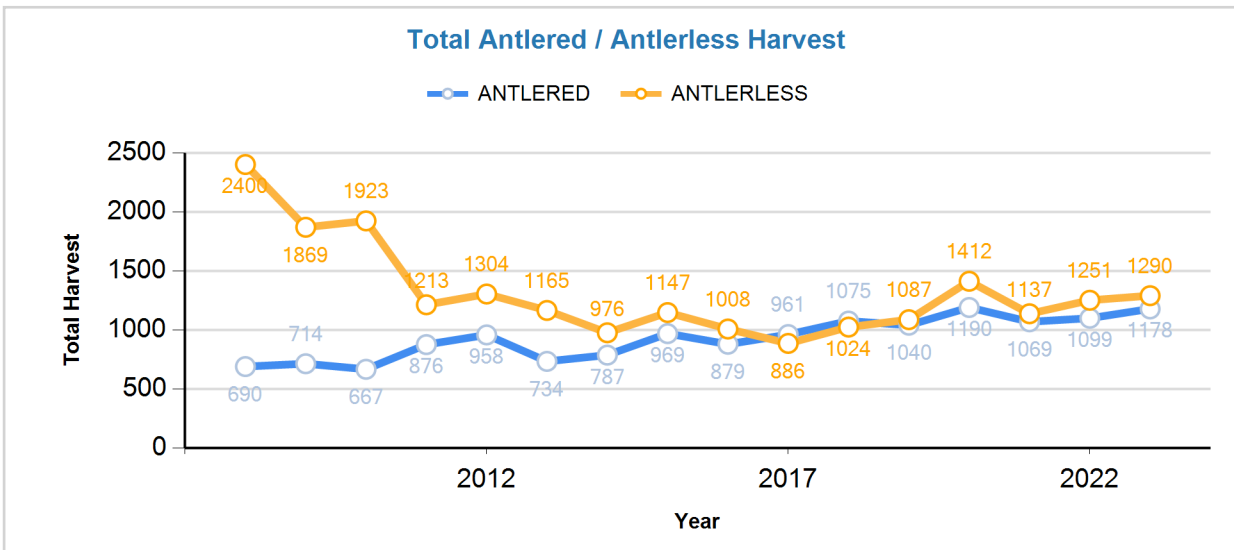
Total Area of Unit (Sq. Miles): 725.80

Deer Range of Unit (Sq. Miles): 156.70

**Total Harvest for Rock County - Southern Farmland Management Zone**

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	787	969	879	961	1075	1040	1190	1069	1099	1178
Antlerless	1000	1147	1008	886	1024	1087	1412	1137	1251	1290
Total	1787	2116	1887	1847	2099	2127	2602	2206	2350	2468
<b>Gun</b>										
Antlered	447	577	492	529	661	527	628	569	611	657
Antlerless	734	812	753	610	747	747	988	804	875	920
Total	1181	1389	1245	1139	1408	1274	1616	1373	1486	1577
<b>Bow</b>										
Antlered	253	270	253	227	207	251	264	197	215	244
Antlerless	206	234	171	157	165	172	193	165	168	167
Total	459	504	424	384	372	423	457	362	383	411
<b>Crossbow</b>										
Antlered	87	122	134	205	207	262	298	303	273	277
Antlerless	60	101	84	119	112	168	231	168	208	203
Total	147	223	218	324	319	430	529	471	481	480
<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	62	46	61	41	56	58	36	34

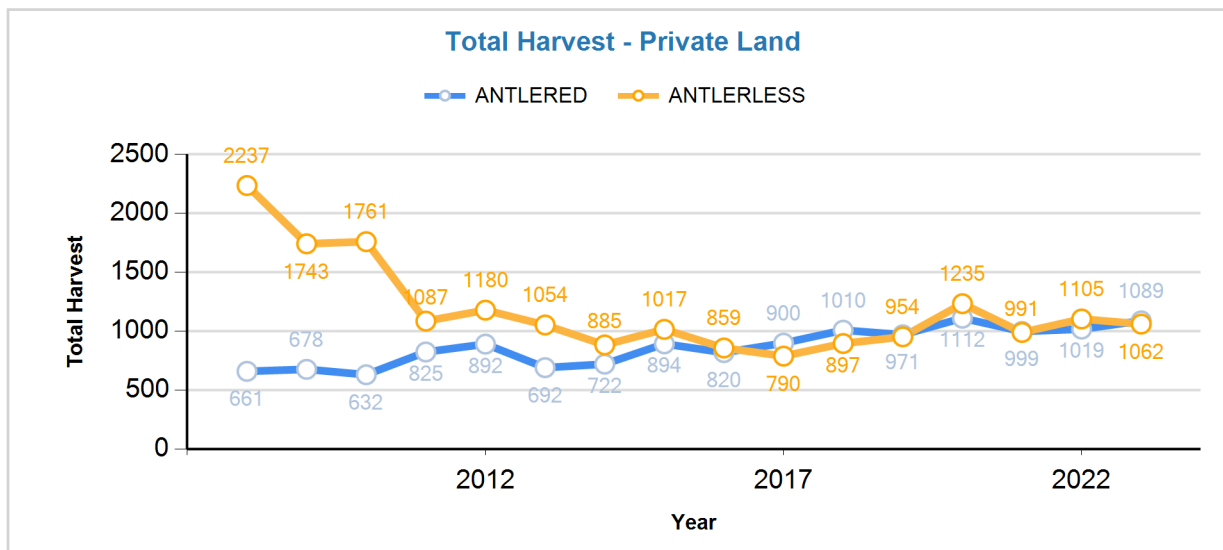
\* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	722	894	820	900	1010	971	1112	999	1019	1089
Antlerless	908	1017	859	790	897	954	1235	991	1105	1062
Total	1630	1911	1679	1690	1907	1925	2347	1990	2124	2151
<b>Gun</b>										
Antlered	416	538	458	498	624	497	585	530	573	607
Antlerless	667	727	653	557	659	663	870	708	789	751
Total	1083	1265	1111	1055	1283	1160	1455	1238	1362	1358
<b>Bow</b>										
Antlered	226	245	234	212	191	232	240	181	194	223
Antlerless	185	208	142	130	138	150	159	129	136	137
Total	411	453	376	342	329	382	399	310	330	360
<b>Crossbow</b>										
Antlered	80	111	128	190	195	242	287	288	252	259
Antlerless	56	82	64	103	100	141	206	154	180	174
Total	136	193	192	293	295	383	493	442	432	433
<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	52	44	58	40	51	54	31	31

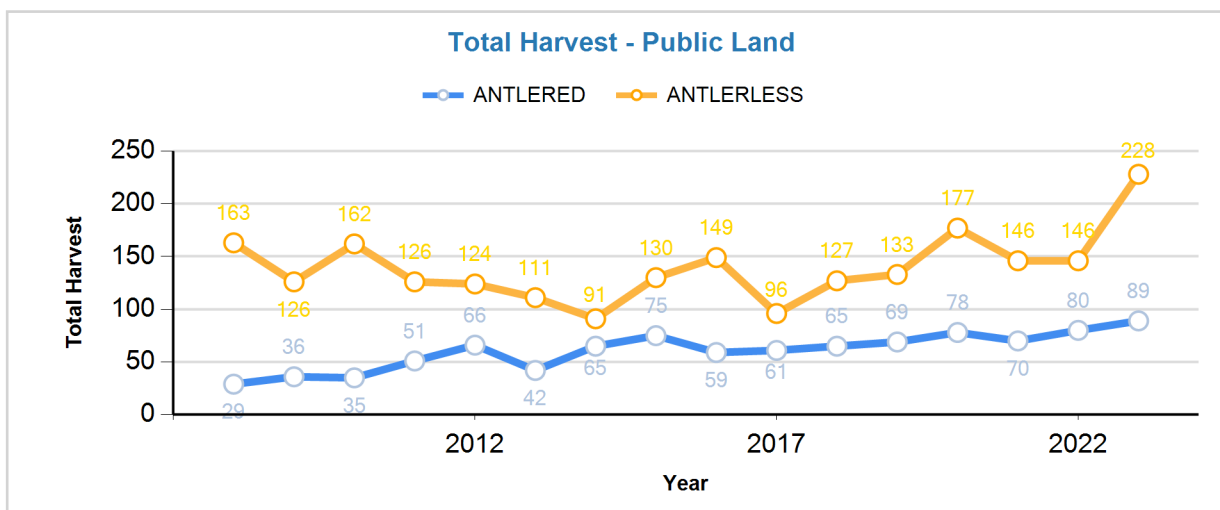
\* Tribal and Youth Antlerless data are included in above totals where they apply



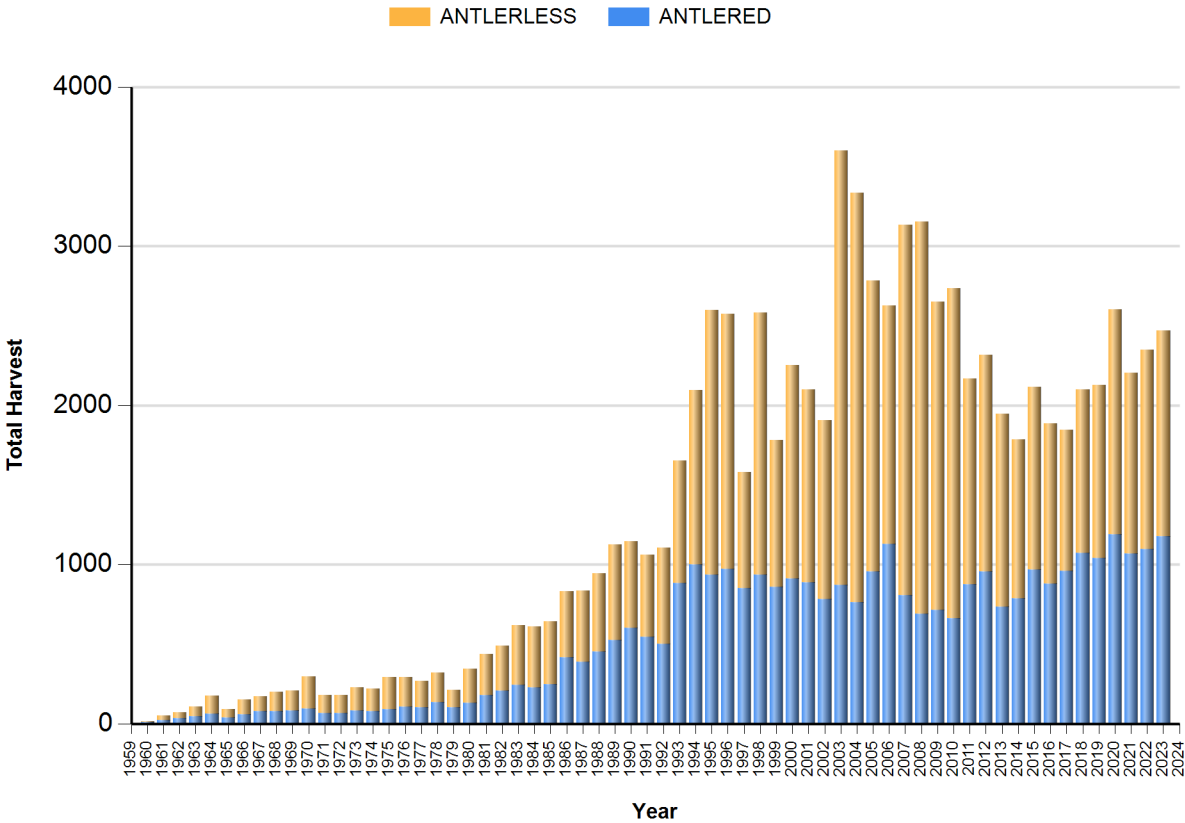
**Total Harvest for Rock County - Southern Farmland Management Zone - Public Land**

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	65	75	59	61	65	69	78	70	80	89
Antlerless	92	130	149	96	127	133	177	146	146	228
Total	157	205	208	157	192	202	255	216	226	317
<b>Gun</b>										
Antlered	31	39	34	31	37	30	43	39	38	50
Antlerless	67	85	100	53	88	84	118	96	86	169
Total	98	124	134	84	125	114	161	135	124	219
<b>Bow</b>										
Antlered	27	25	19	15	16	19	24	16	21	21
Antlerless	21	26	29	27	27	22	34	36	32	30
Total	48	51	48	42	43	41	58	52	53	51
<b>Crossbow</b>										
Antlered	7	11	6	15	12	20	11	15	21	18
Antlerless	4	19	20	16	12	27	25	14	28	29
Total	11	30	26	31	24	47	36	29	49	47
<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	10	2	3	1	5	4	5	3

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



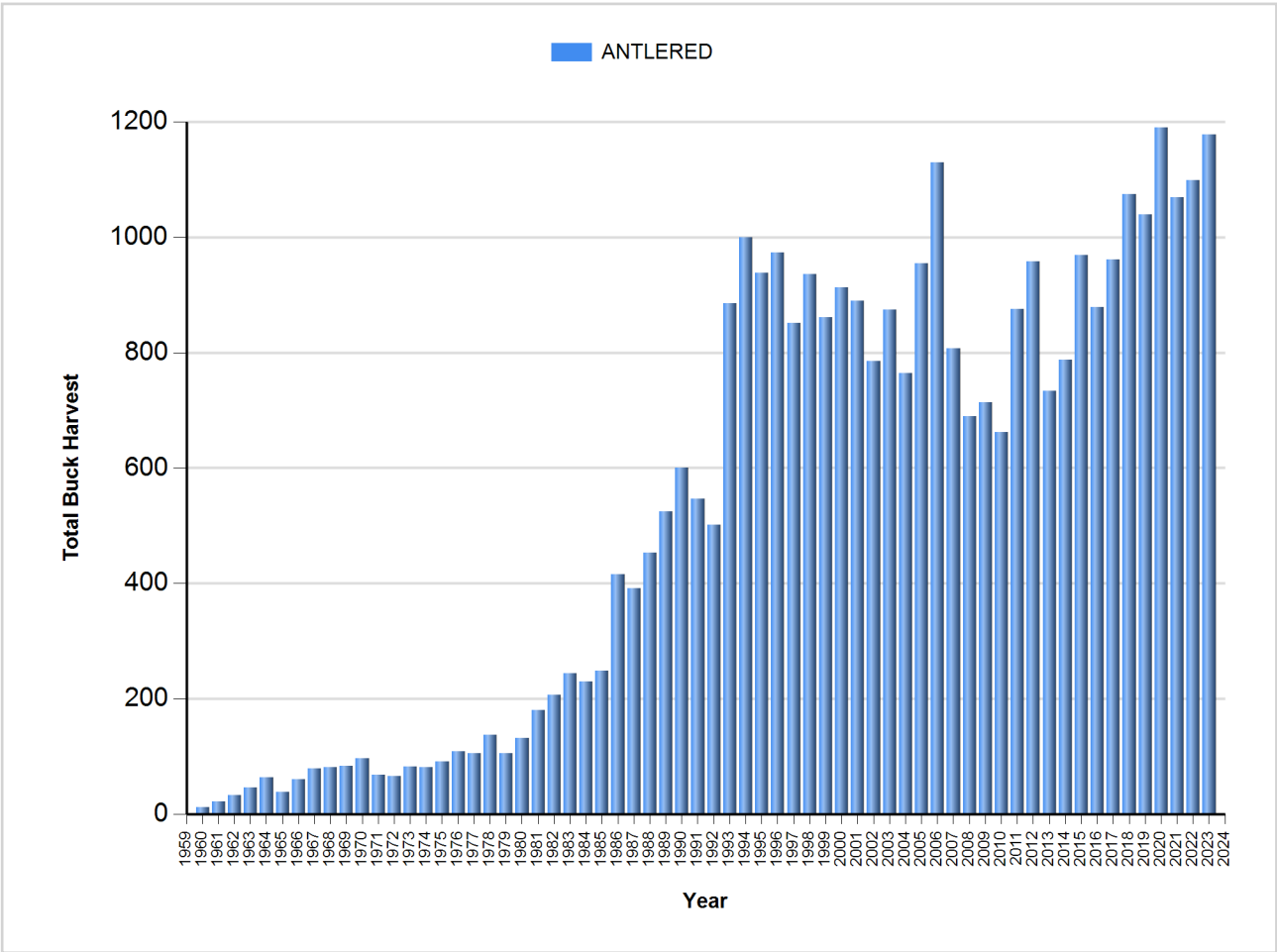
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 2020 - 1,190

Historic Low: 1960 - 12



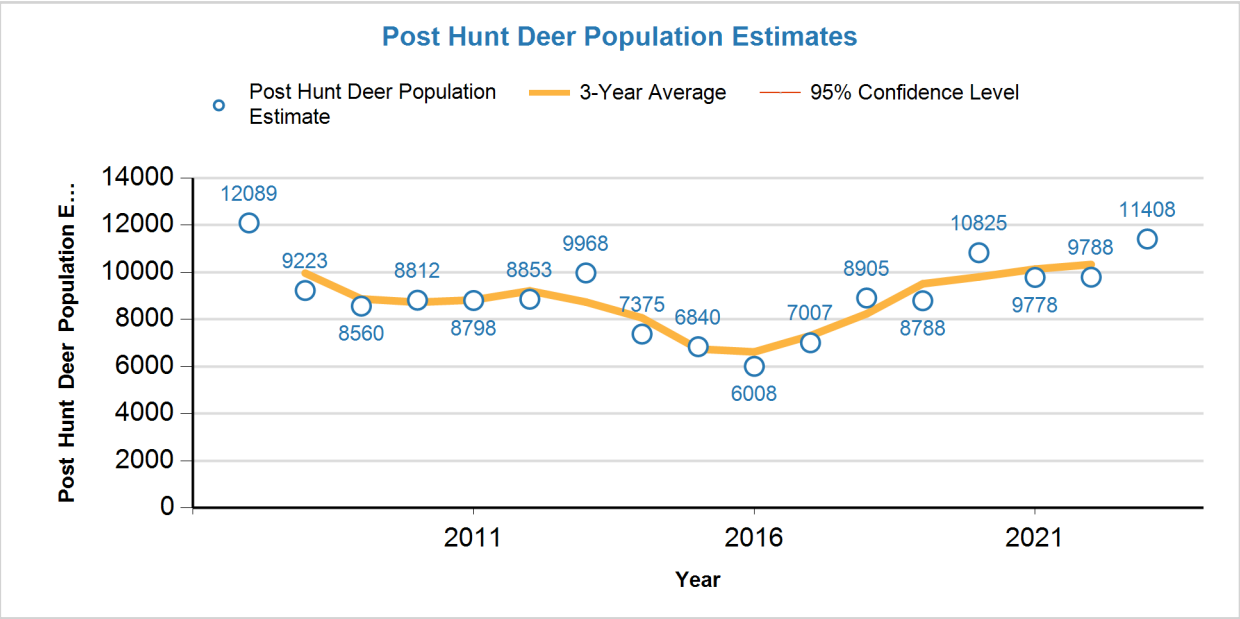
**Antlerless Tag Issuance & Success for Rock County - Southern Farmland**

Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued	4,400	4,097	4,188	4,232
Killed	146	105	102	145
Success Rate (%)	3.3	2.6	2.4	3.4
<b>Farmland - Private</b>				
Issued	11,594	10,931	10,734	10,810
Killed	1,058	756	870	843
Success Rate (%)	9.1	6.9	8.1	7.8
<b>Farmland - Total</b>				
Issued	15,994	15,028	14,922	15,042
Killed	1,204	861	972	988
Success Rate (%)	7.5	5.7	6.5	6.6
<b>Bonus- Public</b>				
Available	600	700	700	700
Issued	433	380	349	398
Killed	25	17	19	23
Success Rate (%)	5.8	4.5	5.4	5.8
<b>Bonus- Private</b>				
Available	1,000	1,100	1,100	1,100
Issued	642	590	534	562
Killed	92	50	69	66
Success Rate (%)	14.3	8.5	12.9	11.7
<b>Bonus- Total</b>				
Available	1,600	1,800	1,800	1,800
Issued	1,075	970	883	960
Killed	117	67	88	89
Success Rate (%)	10.9	6.9	10.0	9.3



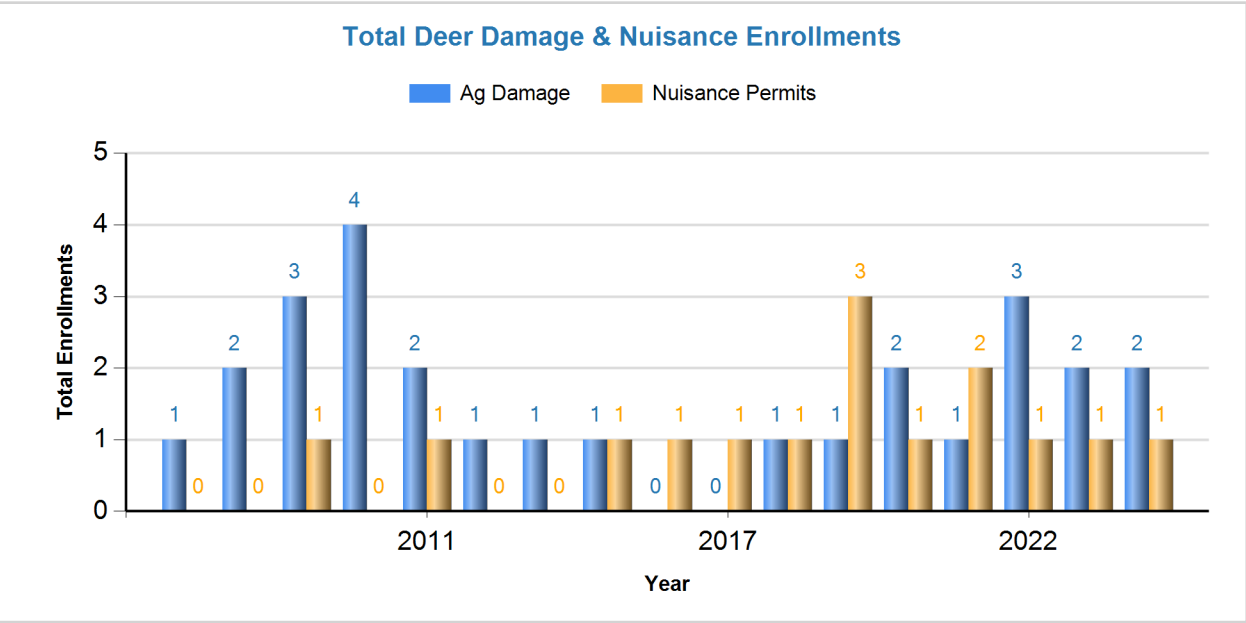
*Herd Abundance*

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

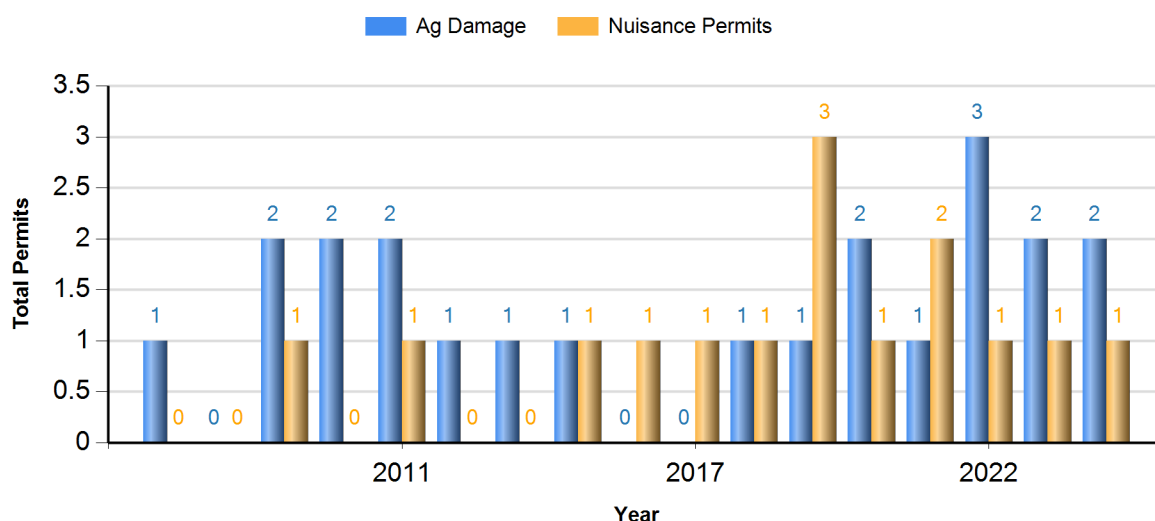


*Deer Impacts – Agriculture & Nuisance Impacts*

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



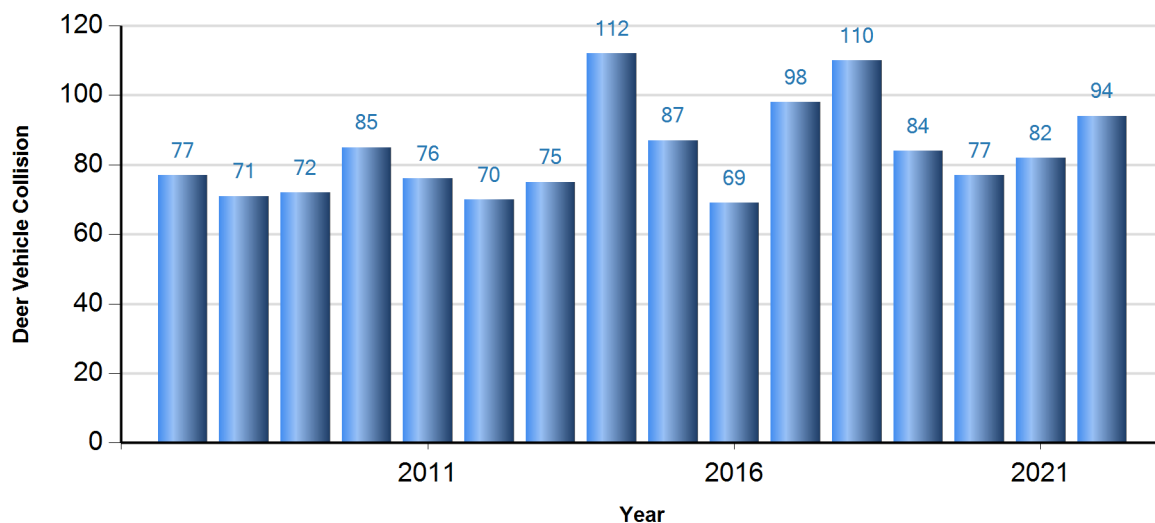
### Total Deer Damage & Nuisance Shooting Permits Issued



### 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.

