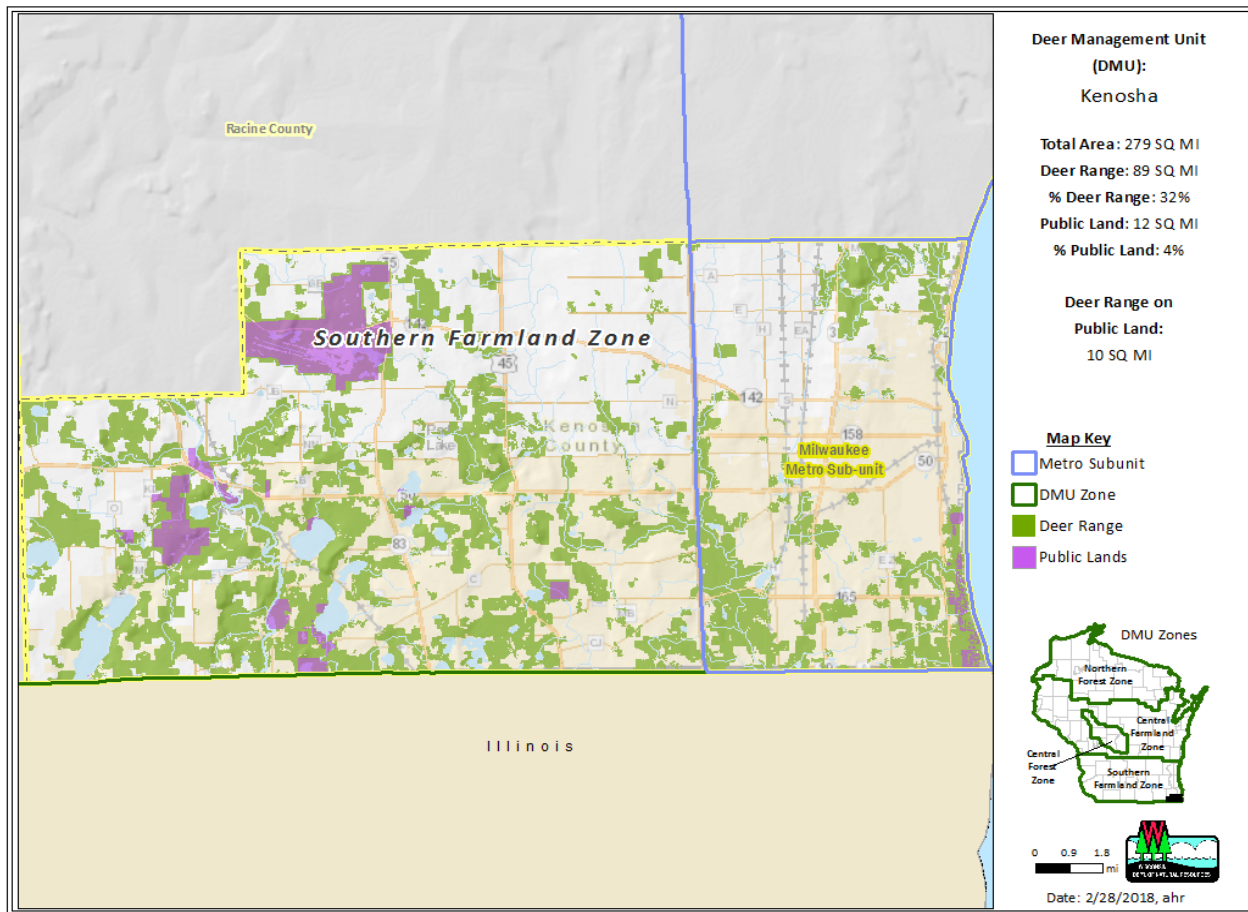


# Kenosha County Deer Metrics Report

## Spring of 2024

### Management Unit:



### Manager's Note:

The Kenosha County Deer Management Unit is in the Southern Farmland Zone. Approximately 32 percent of the unit is considered suitable deer range (79 square miles on private land and 9.9 square miles on public land). The unit is a mix of agricultural lands, isolated woodlands of varying size, wetlands, river ways, lakes, urban centers and dense urban development. The eastern one-third of the unit is bisected by Interstate 94 and the Milwaukee Metro subunit is located east of the interstate. Public hunting opportunities are limited with public land making up about 4 percent of the unit. Access to private lands is tightly controlled by landowners throughout the unit and heavy urban development on the east side limits hunting opportunities (Metro subunit). Public lands with hunting opportunities include New Munster Wildlife Area, Peat Lake West Wildlife Area, Richard Bong State Recreation Area and Peat Lake State Natural Area (only during the 9-day gun deer season). Hunting opportunities in the Metro subunit are mainly found on private lands because of the scarcity of public land in the Metro subunit. The Chiwaukee Prairie State Natural Area, a state property in the subunit adjacent to the Carol Beach Subdivision, provides limited archery hunting opportunities. The 2013 legislative action (ACT 71) will increase archery and crossbow hunting opportunities on private lands only in the Metro subunit and other urban areas, but should not result in a significant increase in the harvest. Management objectives west of the interstate and for the Metro subunit have been to lower herd levels to minimize vehicle-deer collisions, prevent agricultural and/or urban damage and to help with Chronic Wasting Disease management. Past aggressive season frameworks west of the interstate resulted in a slight down turn in the population trend, but recent bonus season framework; consecutive years of poor opening gun deer weekend weather; no bonus antlerless permits available over the last 3 years; and an increasing trend in the buck harvest over the last 11 years suggests a slight increase in the population trend. (The 2015 season saw the highest buck harvest in the last 11 years- 235.) Liberal season frameworks in the Metro subunit are limited by hunting access which has resulted in a slightly increasing population trend. The CWD management zone

formerly found in western portion of the unit no longer exists. Only one CWD positive deer was detected in 2003 which was an adult buck from the central part of the unit. For the latest information on CWD in this unit, please visit the following DNR webpage: <http://dnr.wi.gov/topic/wildlifehabitat/prevalence.html>. The current deer herd management objective is to increase 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**

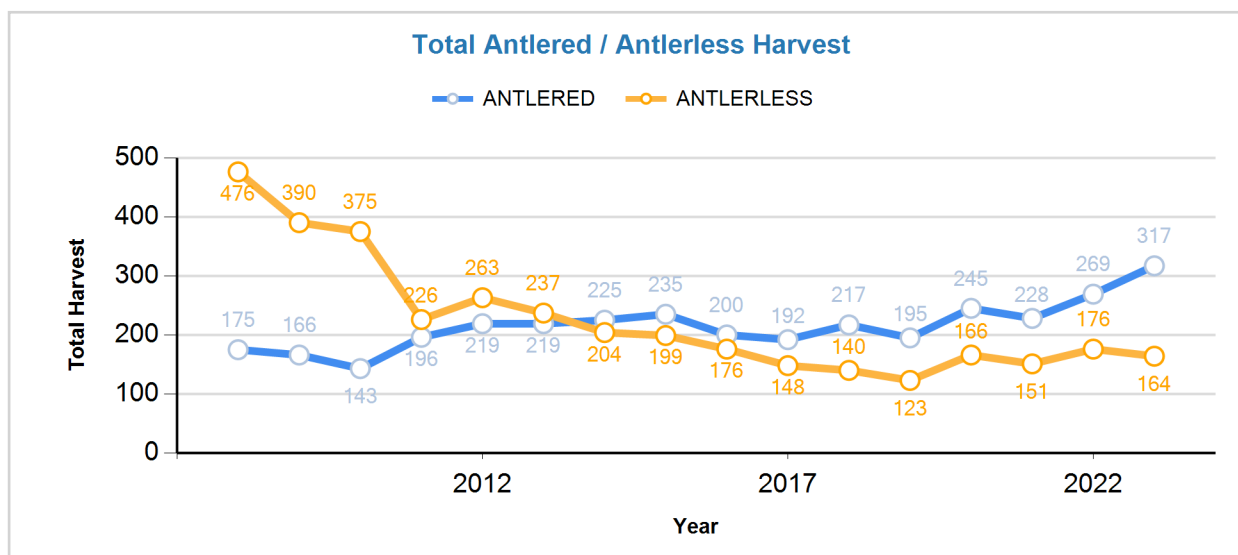
Total Area of Unit (Sq. Miles): 279.20

Deer Range of Unit (Sq. Miles): 89.00

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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	225	235	200	192	217	195	245	228	269	317
Antlerless	217	199	176	148	140	123	166	151	176	164
Total	442	434	376	340	357	318	411	379	445	481
<b>Gun</b>										
Antlered	111	109	102	73	118	77	101	101	119	125
Antlerless	106	100	99	74	65	58	79	89	102	76
Total	217	209	201	147	183	135	180	190	221	201
<b>Bow</b>										
Antlered	84	84	60	59	53	61	61	56	54	95
Antlerless	85	62	49	44	44	29	40	20	32	42
Total	169	146	109	103	97	90	101	76	86	137
<b>Crossbow</b>										
Antlered	30	42	38	60	46	57	83	71	96	97
Antlerless	26	37	28	30	31	36	47	42	42	46
Total	56	79	66	90	77	93	130	113	138	143
<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	9	4	6	5	7	6	8	5

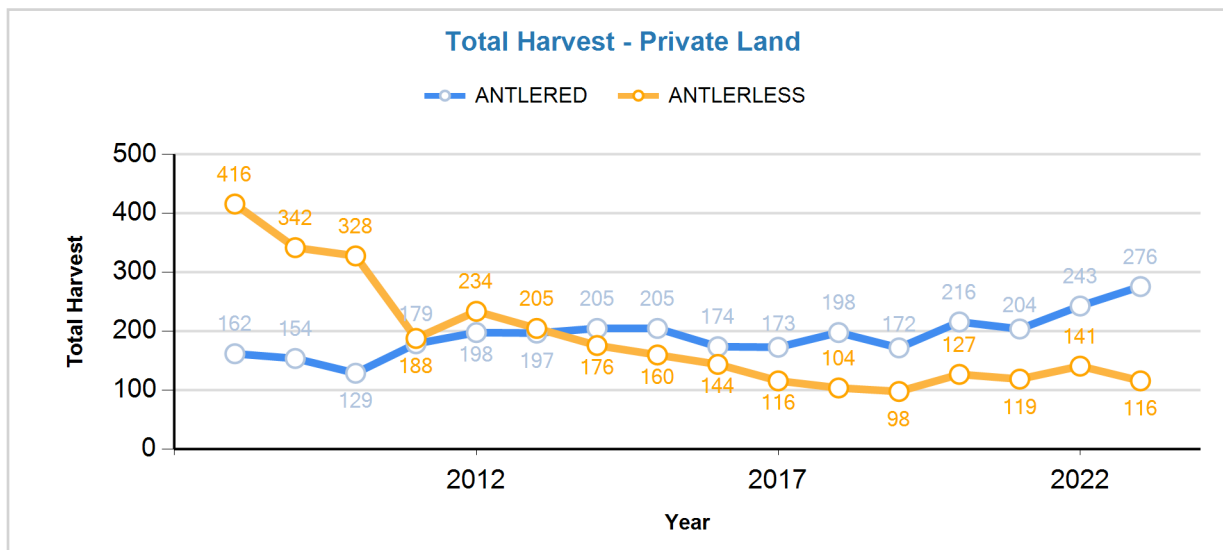
\* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	205	205	174	173	198	172	216	204	243	276
Antlerless	186	160	144	116	104	98	127	119	141	116
Total	391	365	318	289	302	270	343	323	384	392
<b>Gun</b>										
Antlered	98	97	93	67	113	68	91	93	111	117
Antlerless	89	79	85	64	53	52	63	71	90	58
Total	187	176	178	131	166	120	154	164	201	175
<b>Bow</b>										
Antlered	77	70	49	53	44	50	52	48	49	72
Antlerless	75	53	39	33	33	19	28	12	22	27
Total	152	123	88	86	77	69	80	60	71	99
<b>Crossbow</b>										
Antlered	30	38	32	53	41	54	73	63	83	87
Antlerless	22	28	20	19	18	27	36	36	29	31
Total	52	66	52	72	59	81	109	99	112	118
<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	8	4	4	4	2	6	8	3

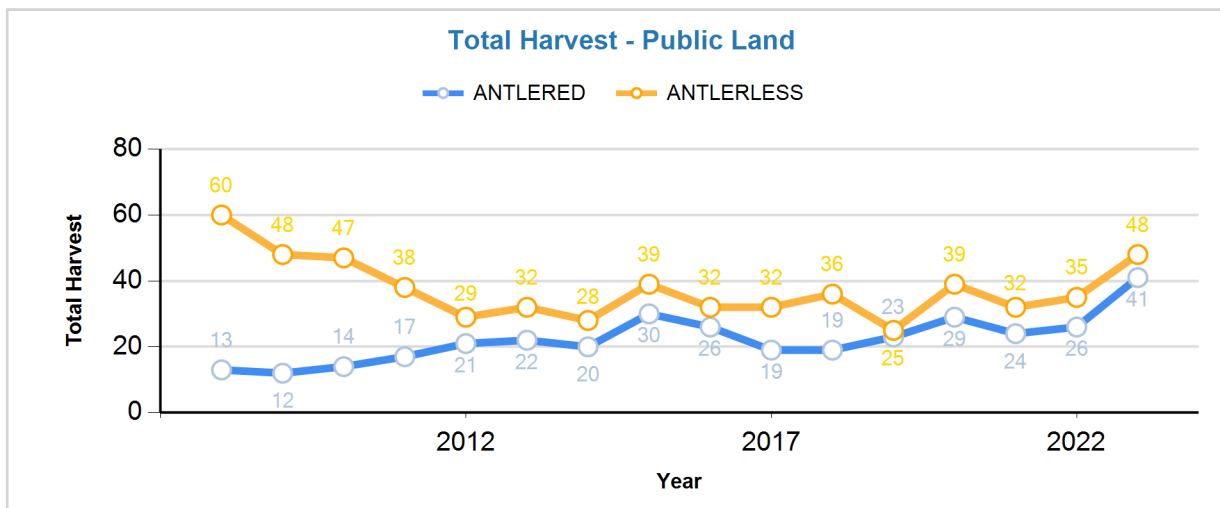
\* Tribal and Youth Antlerless data are included in above totals where they apply



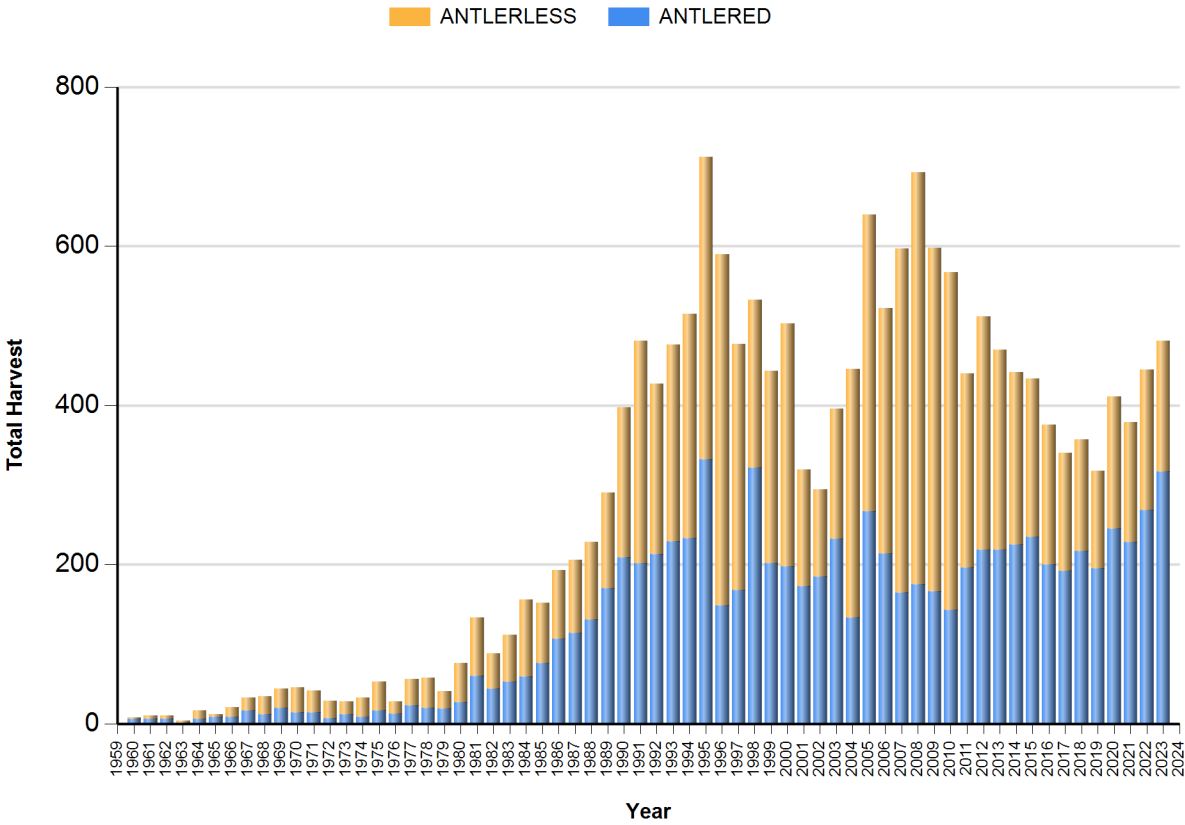
**Total Harvest for Kenosha County - Southern Farmland Management Zone - Public Land**

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	20	30	26	19	19	23	29	24	26	41
Antlerless	31	39	32	32	36	25	39	32	35	48
Total	51	69	58	51	55	48	68	56	61	89
<b>Gun</b>										
Antlered	13	12	9	6	5	9	10	8	8	8
Antlerless	17	21	14	10	12	6	16	18	12	18
Total	30	33	23	16	17	15	26	26	20	26
<b>Bow</b>										
Antlered	7	14	11	6	9	11	9	8	5	23
Antlerless	10	9	10	11	11	10	12	8	10	15
Total	17	23	21	17	20	21	21	16	15	38
<b>Crossbow</b>										
Antlered	0	4	6	7	5	3	10	8	13	10
Antlerless	4	9	8	11	13	9	11	6	13	15
Total	4	13	14	18	18	12	21	14	26	25
<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	1	0	2	1	5	0	0	2

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



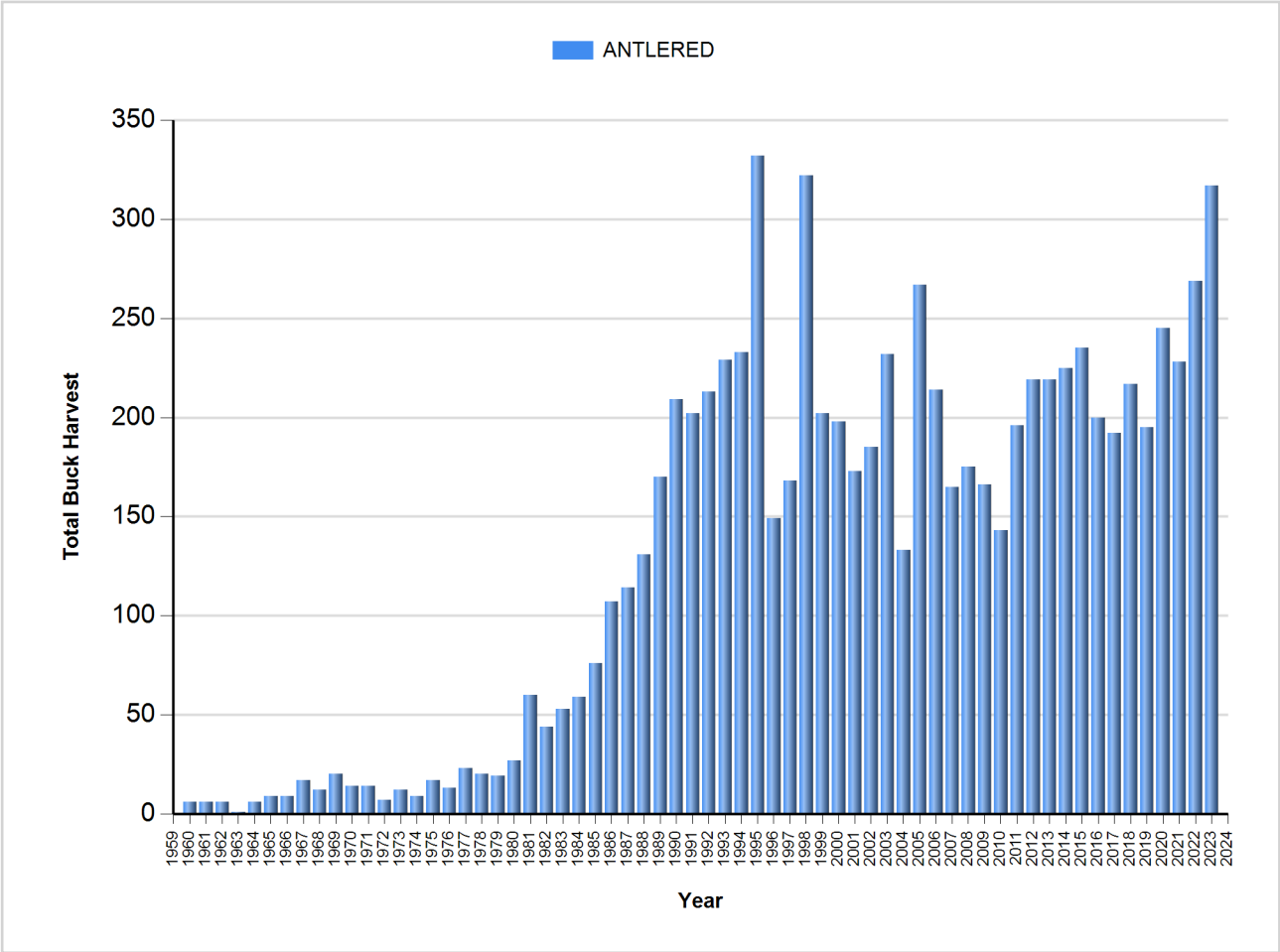
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 1995 - 332

Historic Low: 1963 - 1



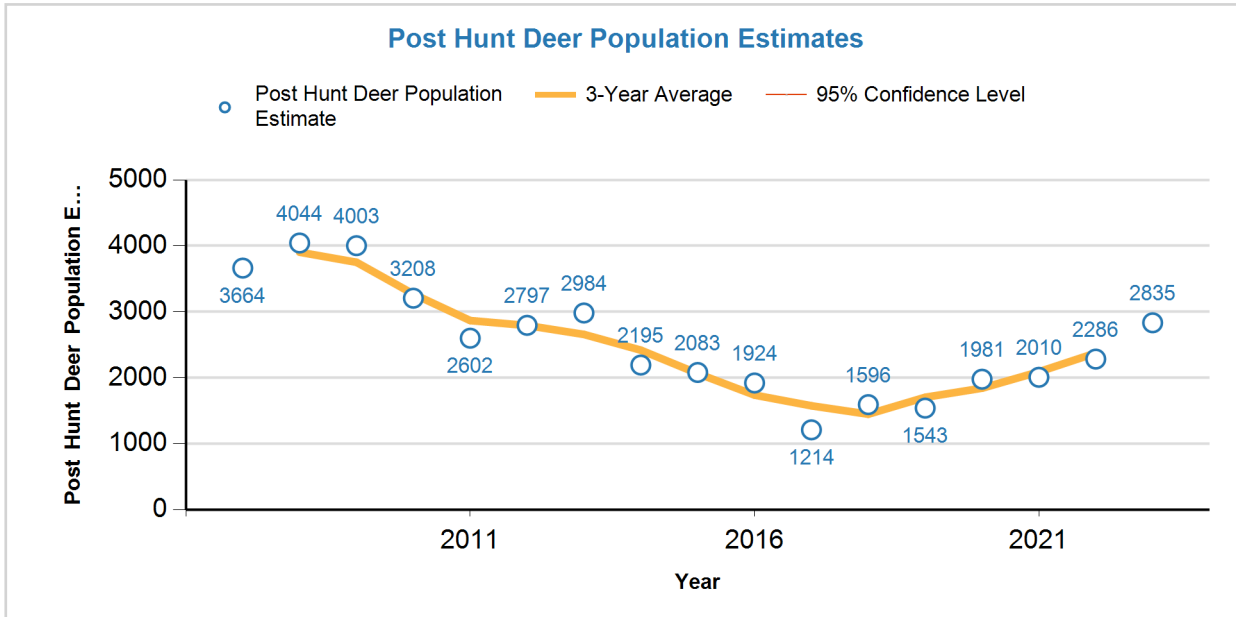
**Antlerless Tag Issuance & Success for Kenosha County - Southern Farmland**

Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued	1,266	1,155	1,177	1,192
Killed	20	22	19	25
Success Rate (%)	1.6	1.9	1.6	2.1
<b>Farmland - Private</b>				
Issued	1,816	1,742	1,662	1,692
Killed	93	66	100	81
Success Rate (%)	5.1	3.8	6.0	4.8
<b>Farmland - Total</b>				
Issued	3,082	2,897	2,839	2,884
Killed	113	88	119	106
Success Rate (%)	3.7	3.0	4.2	3.7
<b>Bonus- Public</b>				
Available		20	20	20
Issued	0	20	20	20
Killed	0	1	1	1
Success Rate (%)		5.0	5.0	5.0
<b>Bonus- Private</b>				
Available		80	130	130
Issued	0	79	129	131
Killed	0	9	6	7
Success Rate (%)		11.4	4.7	5.3
<b>Bonus- Total</b>				
Available		100	150	150
Issued	0	99	149	151
Killed	0	10	7	8
Success Rate (%)		10.1	4.7	5.3



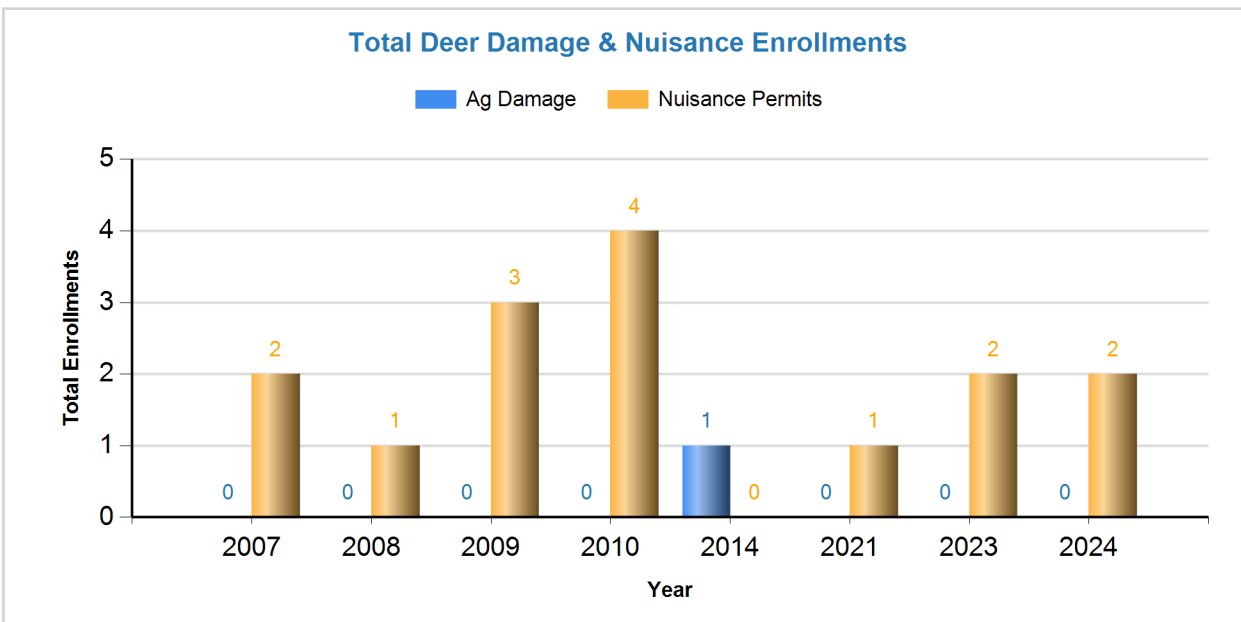
## Herd Abundance

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

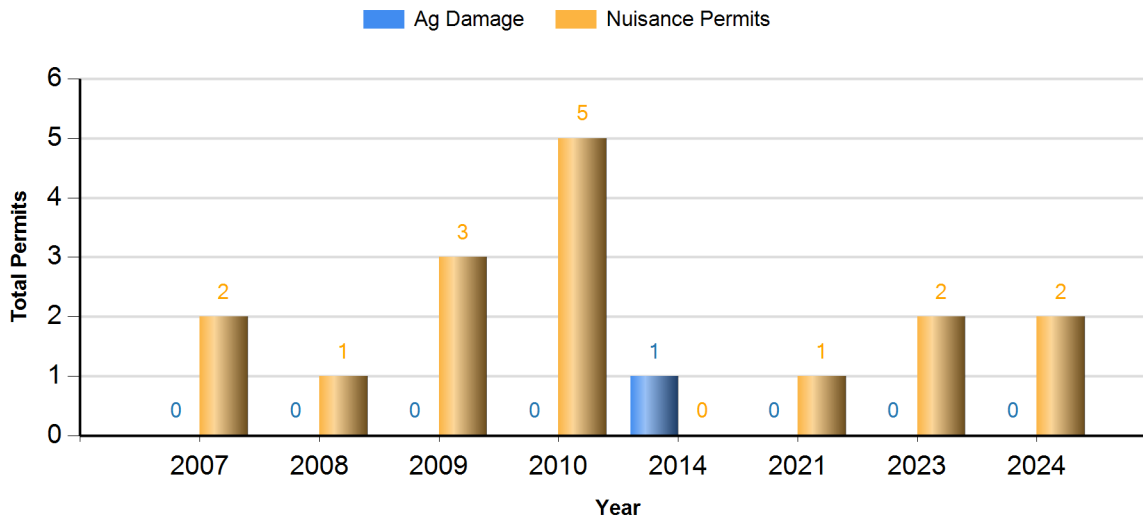


## Deer Impacts – Agriculture & Nuisance Impacts

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



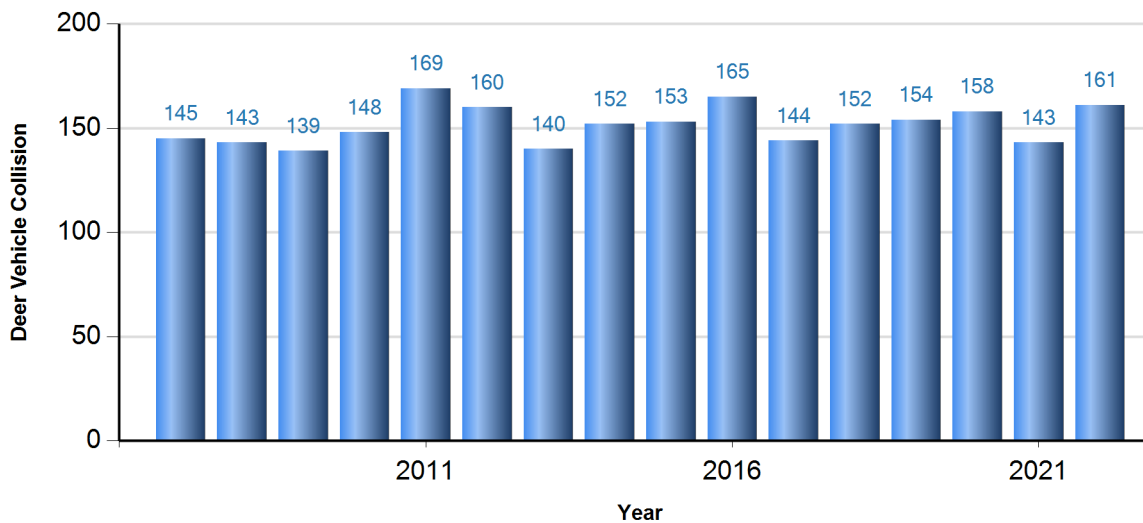
### Total Deer Damage & Nuisance Shooting Permits Issued



### 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.

