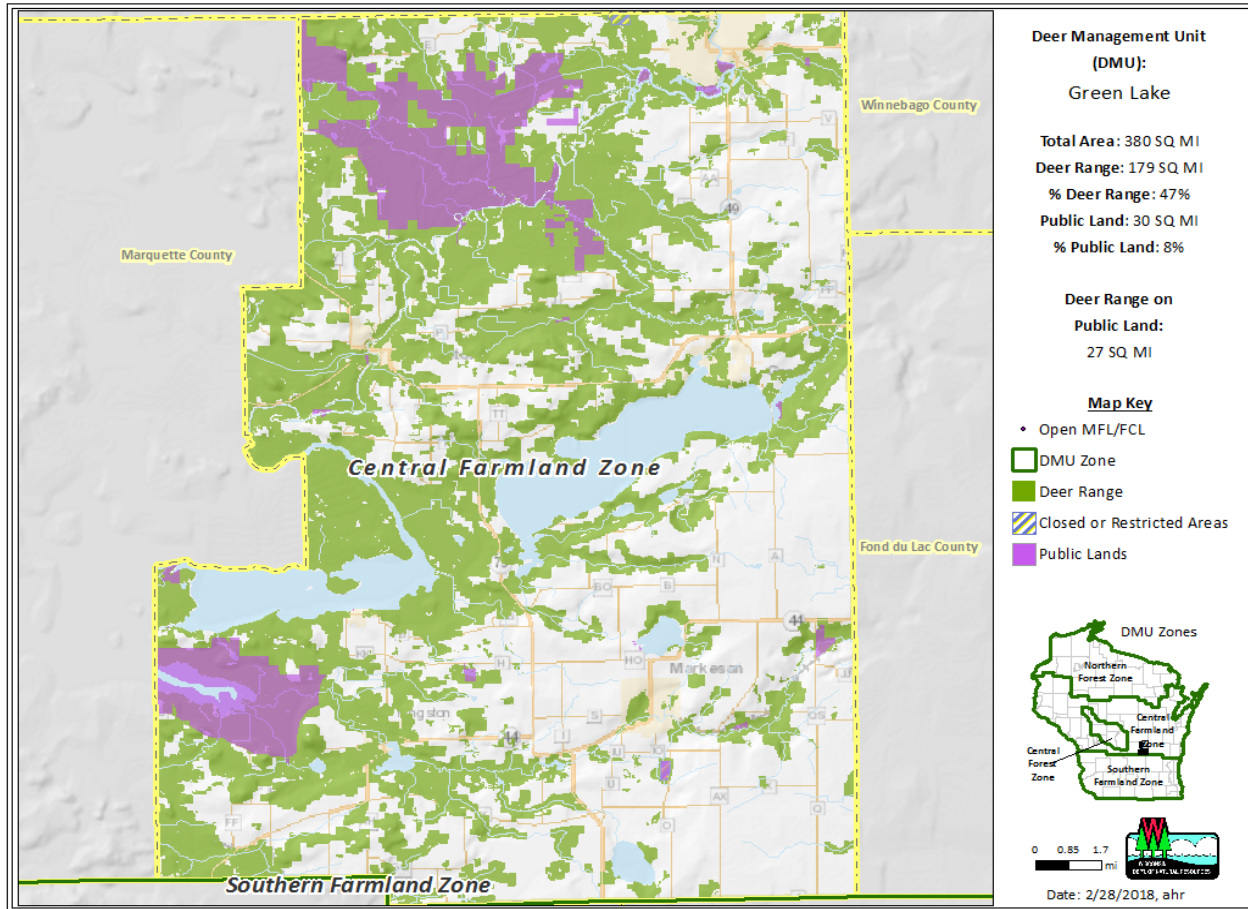


# Green Lake County Deer Metrics Report

## Spring of 2024

### Management Unit:



### Manager's Note:

The Green Lake Deer Management Unit is located in the Central Farmland Zone. Approximately 47 percent of the unit is considered suitable deer range (179 square miles). The habitat type and quality across the unit varies significantly. The southeast portion consists of highly productive farmland with large open fields and transitions to more lowland and wetland habitats interspersed with smaller farm fields in the northwest. The Grand River Marsh Wildlife Area, Utley Wildlife Area, White River Marsh Wildlife Area and Puchyan Prairie State Natural Area are the only larger public hunting areas found within the unit. Landownership in the unit is predominately private. High hunter densities on opening day of the 9-day gun deer season average about 25-30 hunters per square mile of deer range. The unit has one of the highest buck harvests per square mile of deer range in Wisconsin and often ranks in the top 10 compared with all other units. The deer herd has the potential to be very productive, although deer are unevenly distributed throughout the unit. Winter weather typically has little impact on survival and recruitment which in part has led to high levels of agricultural deer damage and liberal hunting season frameworks in the unit. 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.

**Central Farmland Management Zone**

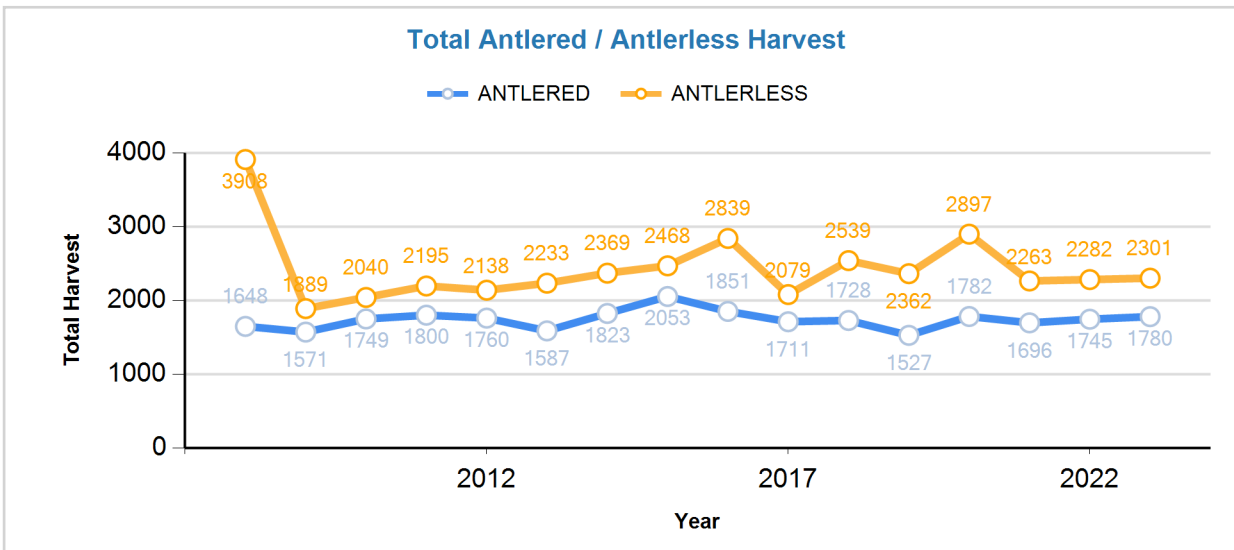
Total Area of Unit (Sq. Miles): 380.20

Deer Range of Unit (Sq. Miles): 178.60

## Total Harvest for Green Lake County - Central Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	1823	2053	1851	1711	1728	1527	1782	1696	1745	1780
Antlerless	2385	2468	2839	2079	2539	2362	2897	2263	2282	2301
Total	4208	4521	4690	3790	4267	3889	4679	3959	4027	4081
<b>Gun</b>										
Antlered	1255	1371	1226	1110	1185	911	1116	1034	1103	1105
Antlerless	1896	1898	2337	1615	1978	1821	2242	1810	1788	1806
Total	3151	3269	3563	2725	3163	2732	3358	2844	2891	2911
<b>Bow</b>										
Antlered	352	430	365	307	269	324	310	320	289	316
Antlerless	342	352	284	252	294	266	279	202	223	233
Total	694	782	649	559	563	590	589	522	512	549
<b>Crossbow</b>										
Antlered	216	252	260	294	274	292	356	342	353	359
Antlerless	147	218	218	212	267	275	376	251	271	262
Total	363	470	478	506	541	567	732	593	624	621
<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	138	120	108	105	84	82	51	61

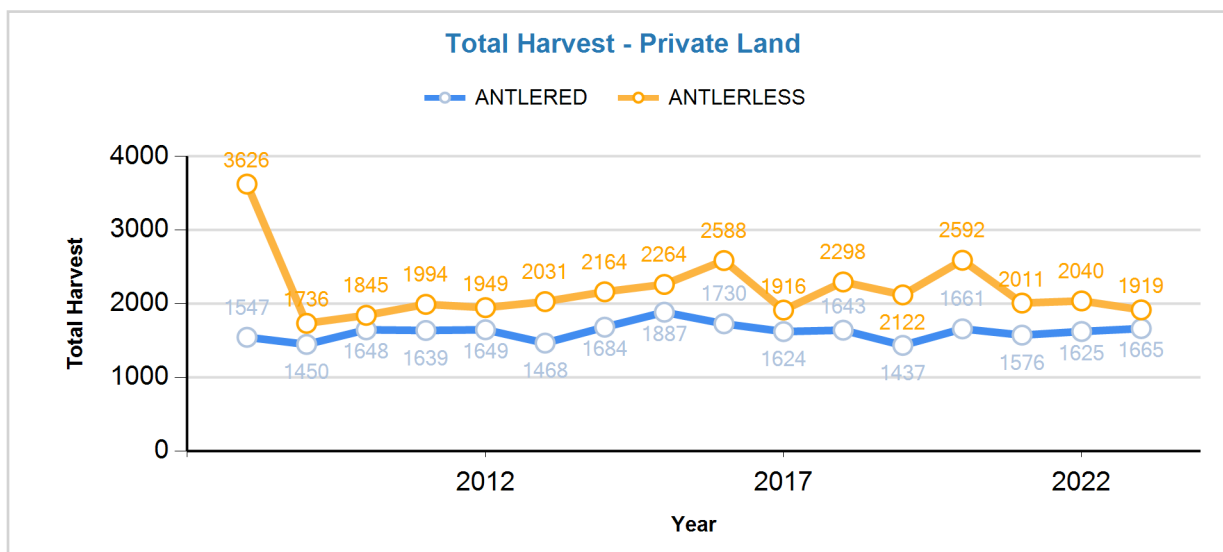
\* Tribal and Youth Antlerless data are included in above totals where they apply



**Total Harvest for Green Lake County - Central Farmland Management Zone - Private Land**

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	1684	1887	1730	1624	1643	1437	1661	1576	1625	1665
Antlerless	2176	2264	2588	1916	2298	2122	2592	2011	2040	1919
Total	3860	4151	4318	3540	3941	3559	4253	3587	3665	3584
<b>Gun</b>										
Antlered	1158	1267	1153	1059	1125	866	1053	969	1033	1038
Antlerless	1743	1768	2146	1514	1818	1670	2049	1642	1635	1500
Total	2901	3035	3299	2573	2943	2536	3102	2611	2668	2538
<b>Bow</b>										
Antlered	322	386	338	289	253	298	286	288	261	286
Antlerless	302	307	252	218	253	222	237	162	181	192
Total	624	693	590	507	506	520	523	450	442	478
<b>Crossbow</b>										
Antlered	204	234	239	276	265	273	322	319	331	341
Antlerless	131	189	190	184	227	230	306	207	224	227
Total	335	423	429	460	492	503	628	526	555	568
<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	129	118	104	100	83	77	50	60

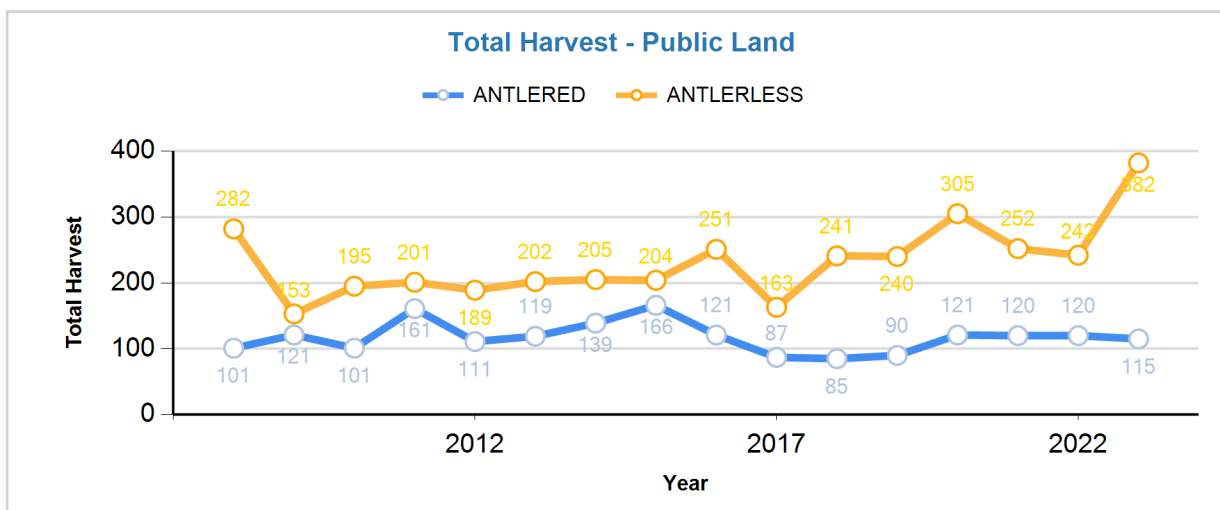
\* Tribal and Youth Antlerless data are included in above totals where they apply



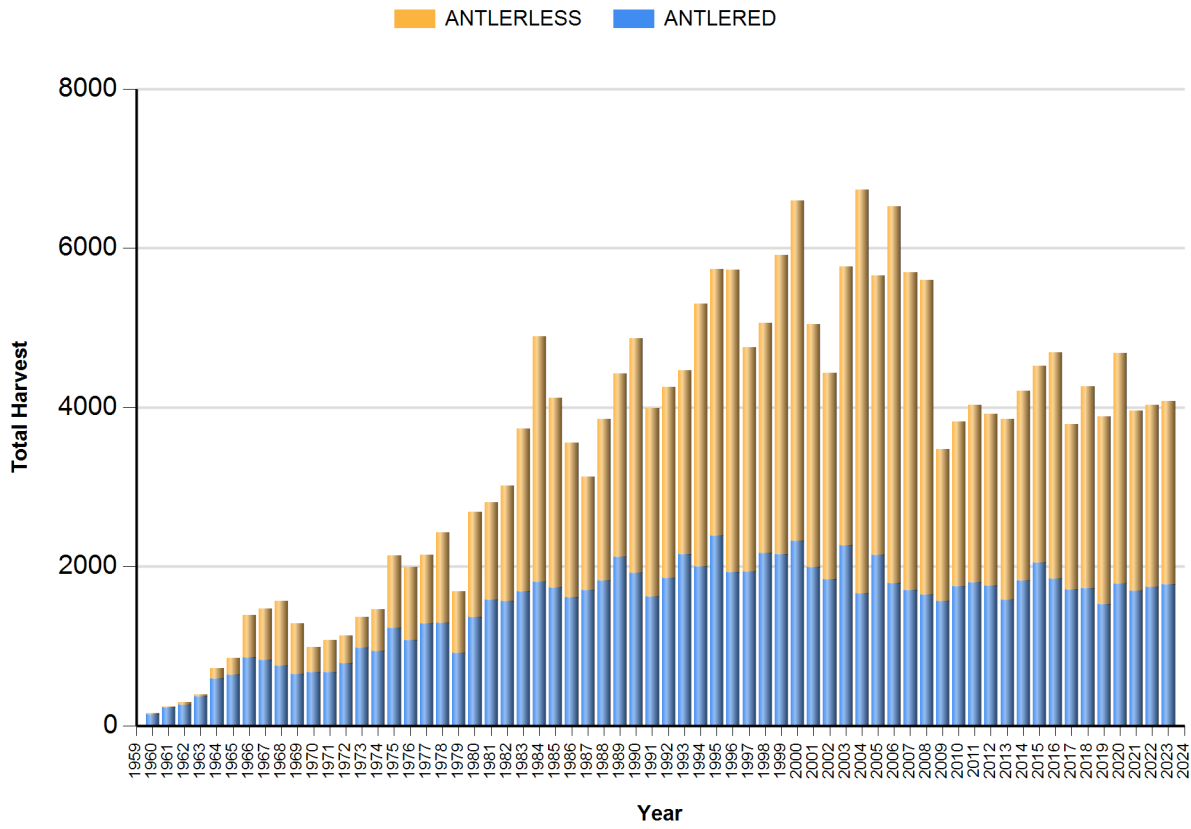
## Total Harvest for Green Lake County - Central Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	139	166	121	87	85	90	121	120	120	115
Antlerless	209	204	251	163	241	240	305	252	242	382
Total	348	370	372	250	326	330	426	372	362	497
<b>Gun</b>										
Antlered	97	104	73	51	60	45	63	65	70	67
Antlerless	153	130	191	101	160	151	193	168	153	306
Total	250	234	264	152	220	196	256	233	223	373
<b>Bow</b>										
Antlered	30	44	27	18	16	26	24	32	28	30
Antlerless	40	45	32	34	41	44	42	40	42	41
Total	70	89	59	52	57	70	66	72	70	71
<b>Crossbow</b>										
Antlered	12	18	21	18	9	19	34	23	22	18
Antlerless	16	29	28	28	40	45	70	44	47	35
Total	28	47	49	46	49	64	104	67	69	53
<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	2	4	5	1	5	1	1

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



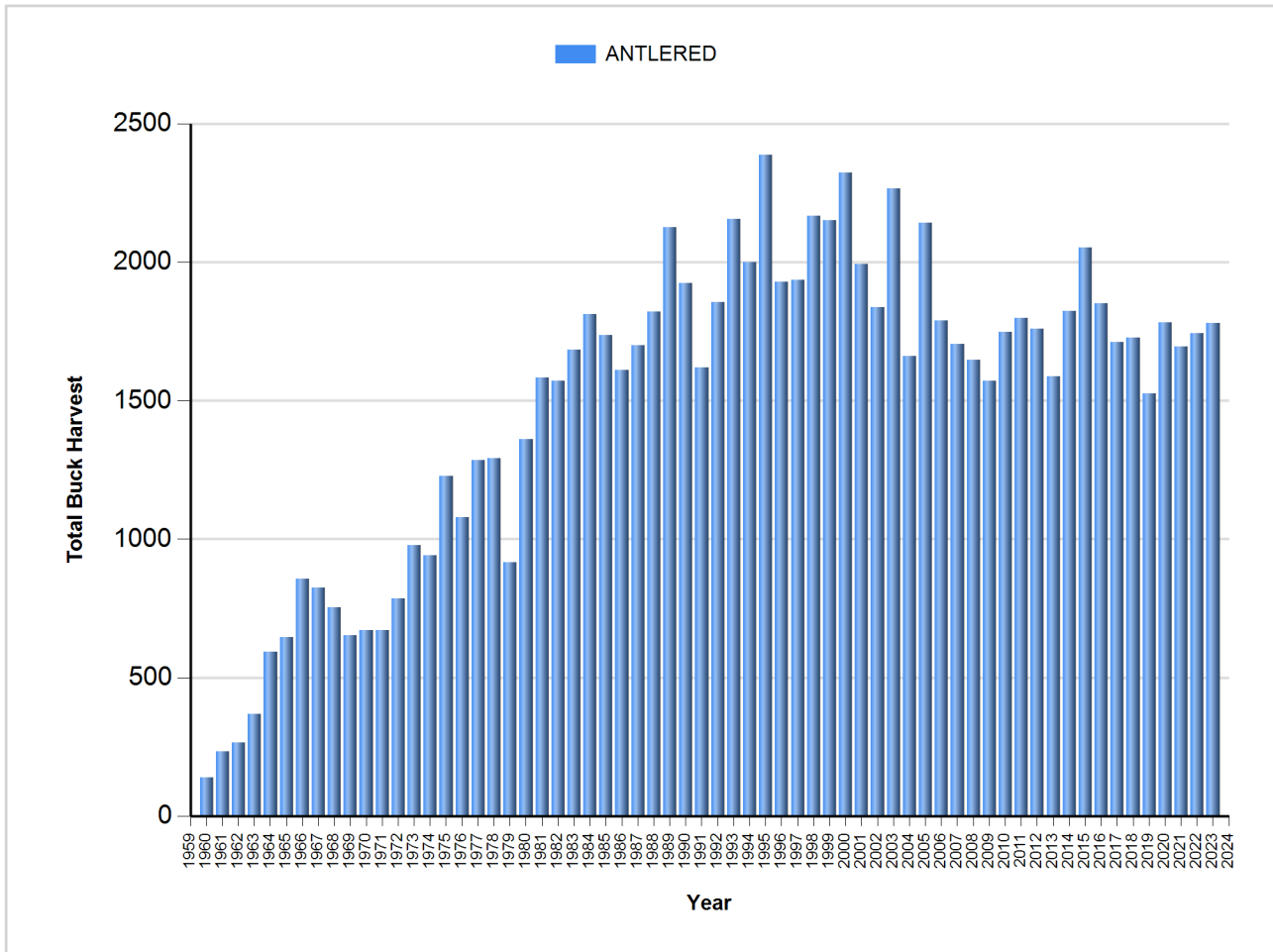
## Total Deer Harvest 1960 - Present



## Total Buck Harvest 1960 - Present

Historic High: 1995 - 2,387

Historic Low: 1960 - 140



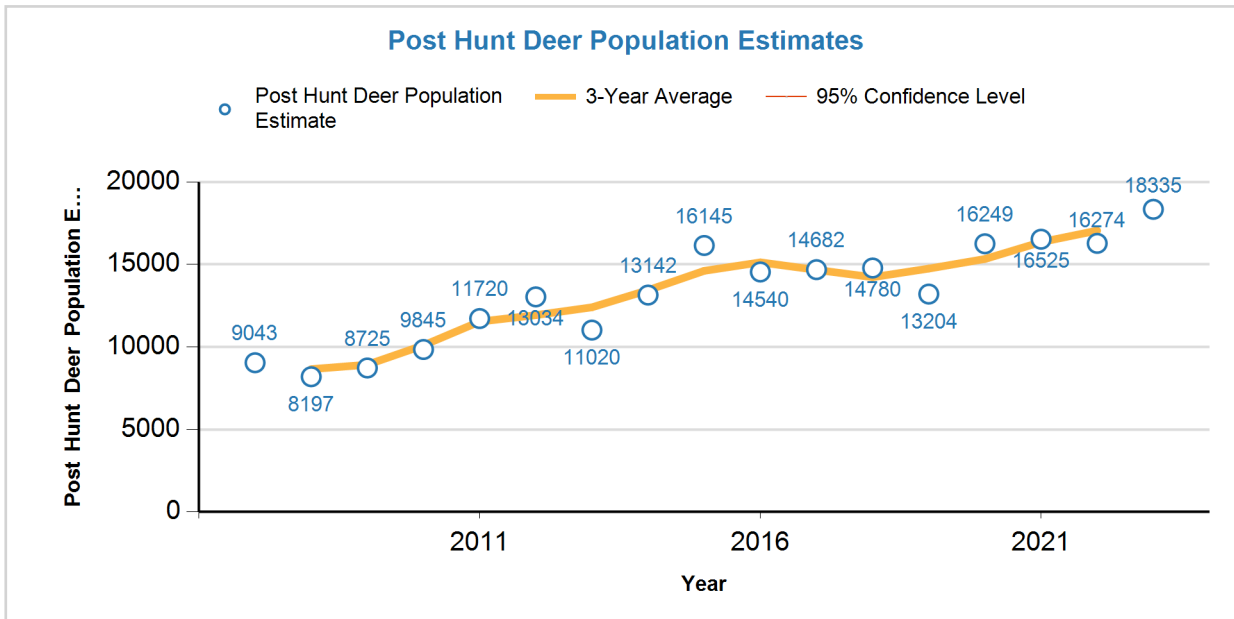
**Antlerless Tag Issuance & Success for Green Lake County - Central Farmland**

Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued	4,901	4,637	4,582	4,866
Killed	271	236	223	175
Success Rate (%)	5.5	5.1	4.9	3.6
<b>Farmland - Private</b>				
Issued	19,375	19,054	18,767	18,951
Killed	2,238	1,718	1,750	1,810
Success Rate (%)	11.6	9.0	9.3	9.6
<b>Farmland - Total</b>				
Issued	24,276	23,691	23,349	23,817
Killed	2,509	1,954	1,973	1,985
Success Rate (%)	10.3	8.2	8.5	8.3
<b>Bonus- Public</b>				
Available	500	100	200	250
Issued	298	100	200	249
Killed	30	9	15	20
Success Rate (%)	10.1	9.0	7.5	8.0
<b>Bonus- Private</b>				
Available	1,000	1,000	750	750
Issued	320	344	281	359
Killed	67	52	44	63
Success Rate (%)	20.9	15.1	15.7	17.5
<b>Bonus- Total</b>				
Available	1,500	1,100	950	1,000
Issued	618	444	481	608
Killed	97	61	59	83
Success Rate (%)	15.7	13.7	12.3	13.7



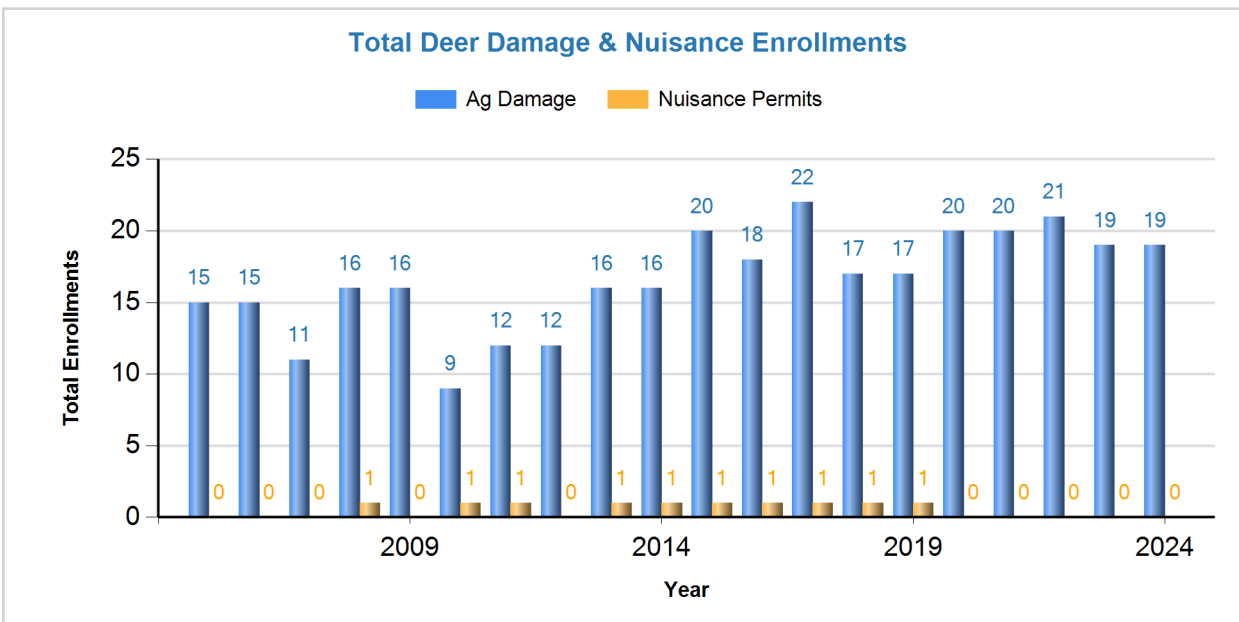
## Herd Abundance

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

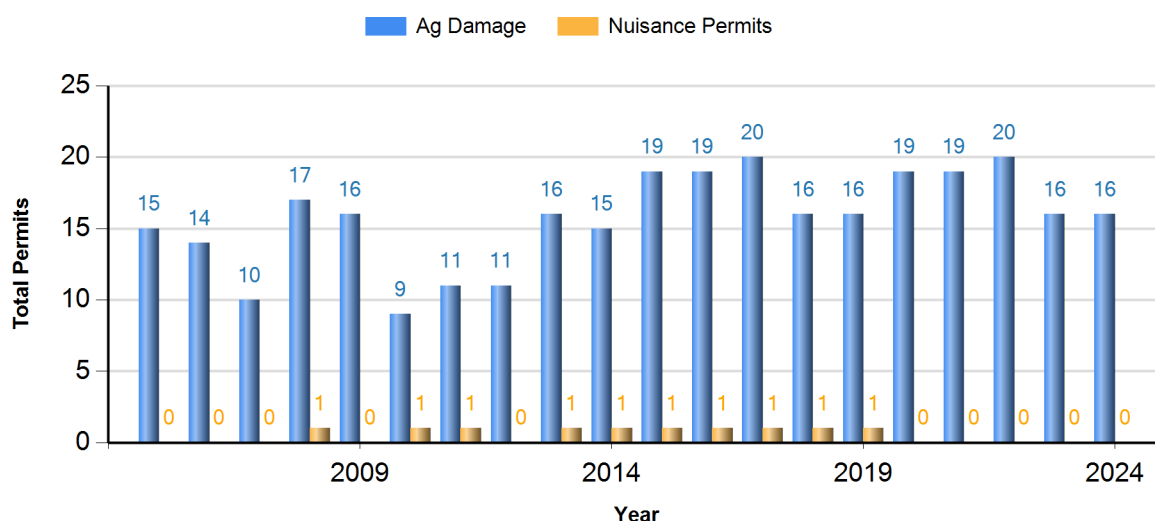


## Deer Impacts – Agriculture & Nuisance Impacts

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



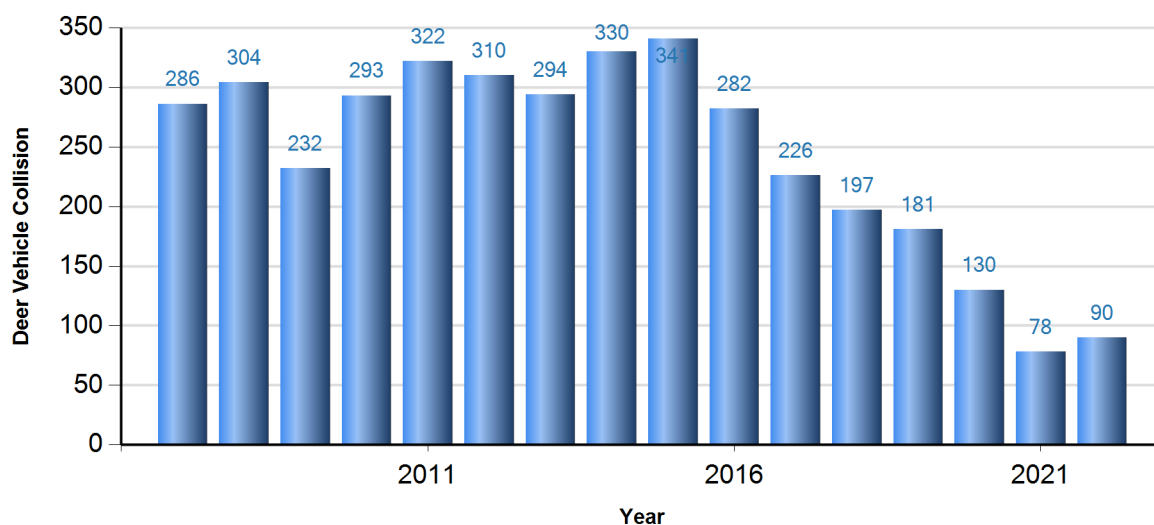
### Total Deer Damage & Nuisance Shooting Permits Issued



### 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

