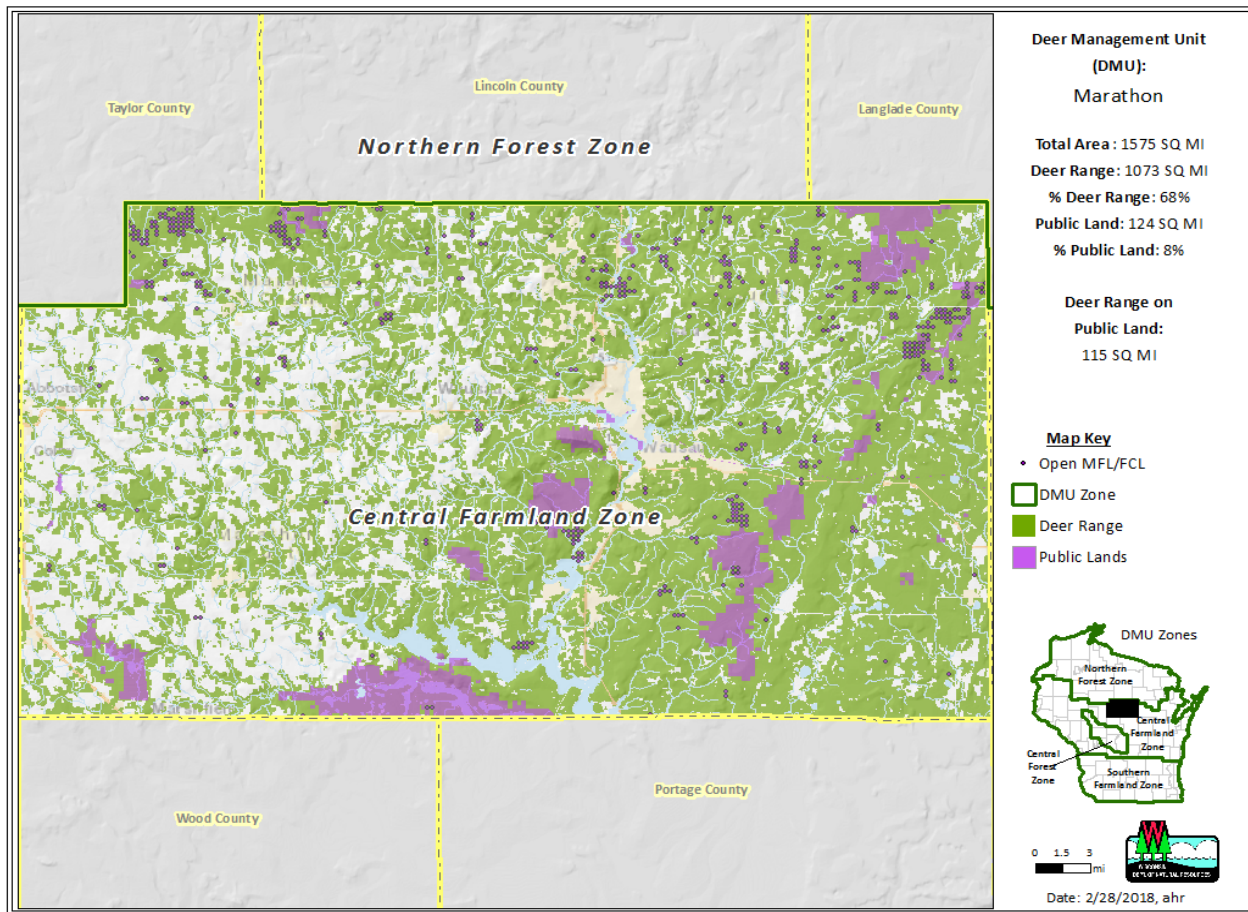


# Marathon County Deer Metrics Report

## Spring of 2024

### Management Unit:



### Manager's Note:

The Marathon County Deer Management Unit is located in the Central Farmland Zone. Approximately 68 percent of the unit is considered suitable deer range. Habitat quality varies across the unit creating somewhat of a disparity in deer distribution. The land use is heavily agricultural with areas of wooded habitat (primarily hardwood forest) present throughout. Public hunting opportunities are abundant with about 50,000 acres of open access land. These properties include Mead Wildlife Area, McMillan Wildlife Area, Bern County Forest Unit, Burma County Forest Unit, Nine Mile County Forest Unit, Ringle County Forest Unit, Kronenwetter County Forest Unit, Leathercamp County Forest Unit and Harrison-Hewitt County Forest Unit. Public hunting is also permitted on portions of Rib Mountain State Park and a few properties enrolled in the Voluntary Public Access program. Hunters in the unit typically harvest between 10,000 and 15,000 deer each year. 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

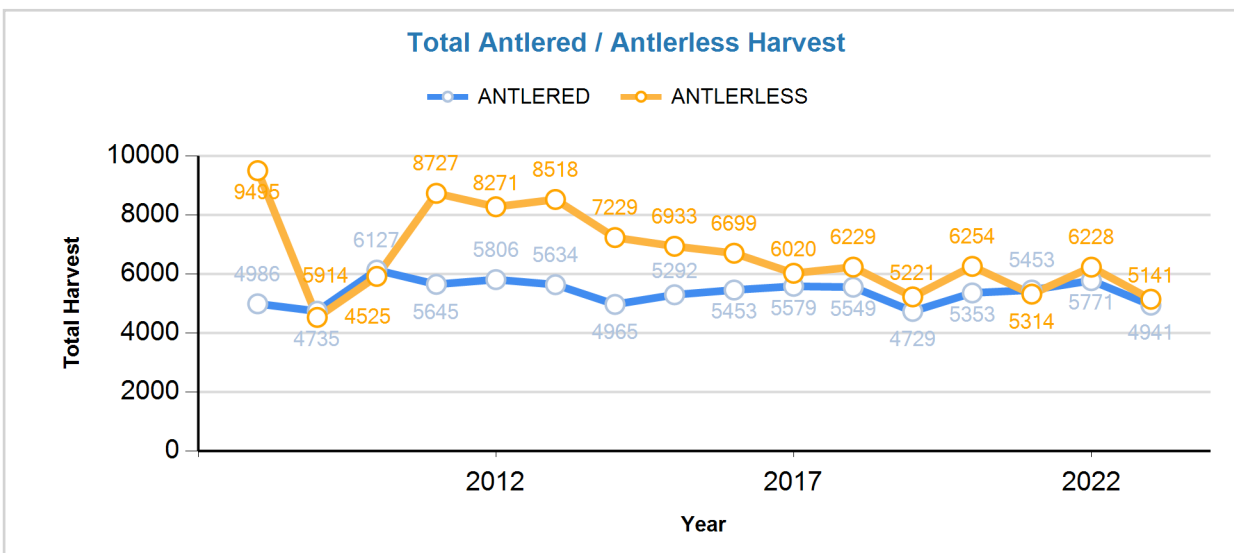
Total Area of Unit (Sq. Miles): 1,575.00

Deer Range of Unit (Sq. Miles): 1,072.80

## Total Harvest for Marathon County - Central Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	4965	5292	5453	5579	5549	4729	5353	5453	5771	4941
Antlerless	7307	6933	6699	6020	6229	5221	6254	5314	6228	5141
Total	12272	12225	12152	11599	11778	9950	11607	10767	11999	10082
<b>Gun</b>										
Antlered	3389	3402	3614	3796	3929	2927	3226	3341	3852	3191
Antlerless	5592	5388	5113	4538	4830	3848	4488	3900	4670	3900
Total	8981	8790	8727	8334	8759	6775	7714	7241	8522	7091
<b>Bow</b>										
Antlered	996	1101	895	796	672	737	809	769	673	617
Antlerless	1059	844	765	656	589	547	686	505	555	443
Total	2055	1945	1660	1452	1261	1284	1495	1274	1228	1060
<b>Crossbow</b>										
Antlered	579	788	944	987	948	1065	1318	1343	1246	1133
Antlerless	654	701	821	826	810	826	1080	909	1003	798
Total	1233	1489	1765	1813	1758	1891	2398	2252	2249	1931
<b>Tribal*</b>										
Antlered	1	1	0	0	0	0	0	0	0	0
Antlerless	2	0	0	0	0	0	0	0	0	0
Total	3	1	0	0	0	0	0	0	0	0
<b>Youth Antlerless*</b>										
Antlerless	0	0	490	439	437	316	388	329	405	318

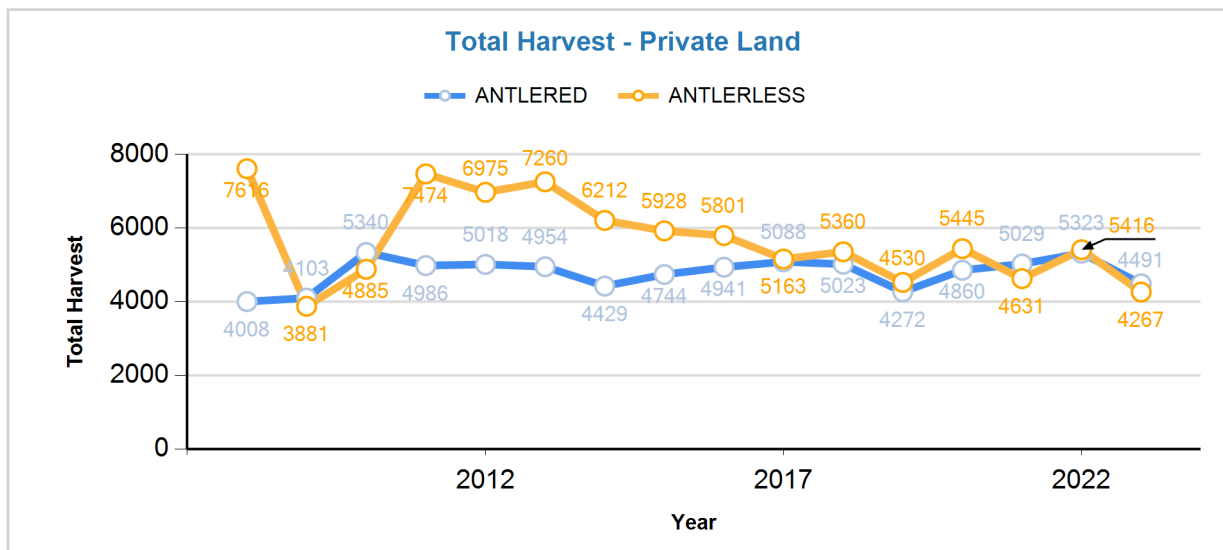
\* Tribal and Youth Antlerless data are included in above totals where they apply



## Total Harvest for Marathon County - Central Farmland Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	4429	4744	4941	5088	5023	4272	4860	5029	5323	4491
Antlerless	6283	5928	5801	5163	5360	4530	5445	4631	5416	4267
Total	10712	10672	10742	10251	10383	8802	10305	9660	10739	8758
<b>Gun</b>										
Antlered	3060	3068	3285	3474	3561	2641	2959	3104	3571	2913
Antlerless	4852	4678	4465	3946	4178	3373	3961	3418	4103	3259
Total	7912	7746	7750	7420	7739	6014	6920	6522	7674	6172
<b>Bow</b>										
Antlered	860	967	802	706	588	648	697	679	606	535
Antlerless	869	677	637	518	482	455	556	419	459	346
Total	1729	1644	1439	1224	1070	1103	1253	1098	1065	881
<b>Crossbow</b>										
Antlered	509	709	854	908	874	983	1204	1246	1146	1043
Antlerless	562	573	699	699	700	702	928	794	854	662
Total	1071	1282	1553	1607	1574	1685	2132	2040	2000	1705
<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	450	402	407	293	360	308	375	299

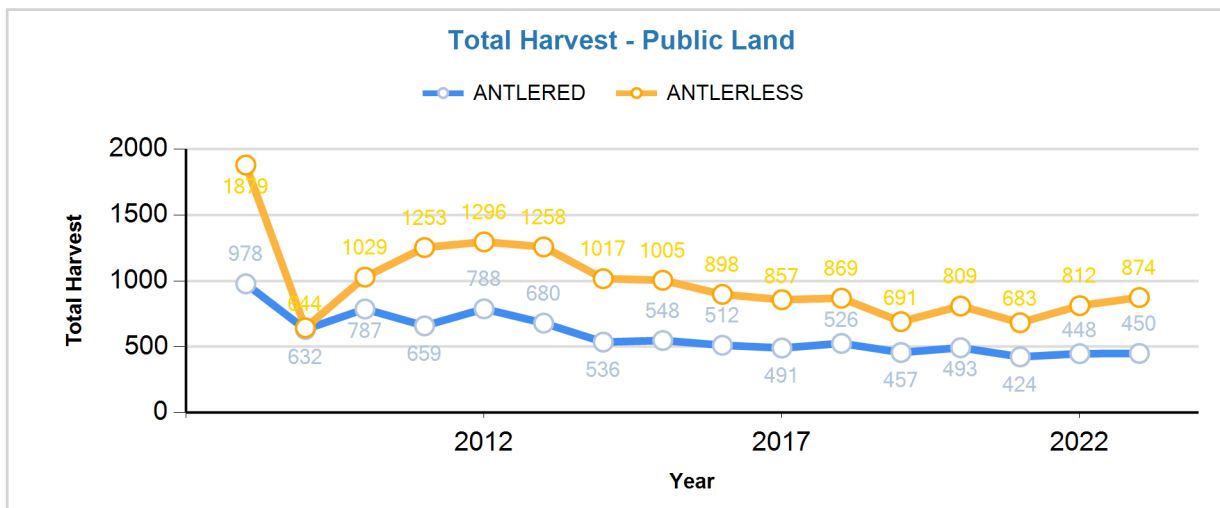
\* Tribal and Youth Antlerless data are included in above totals where they apply

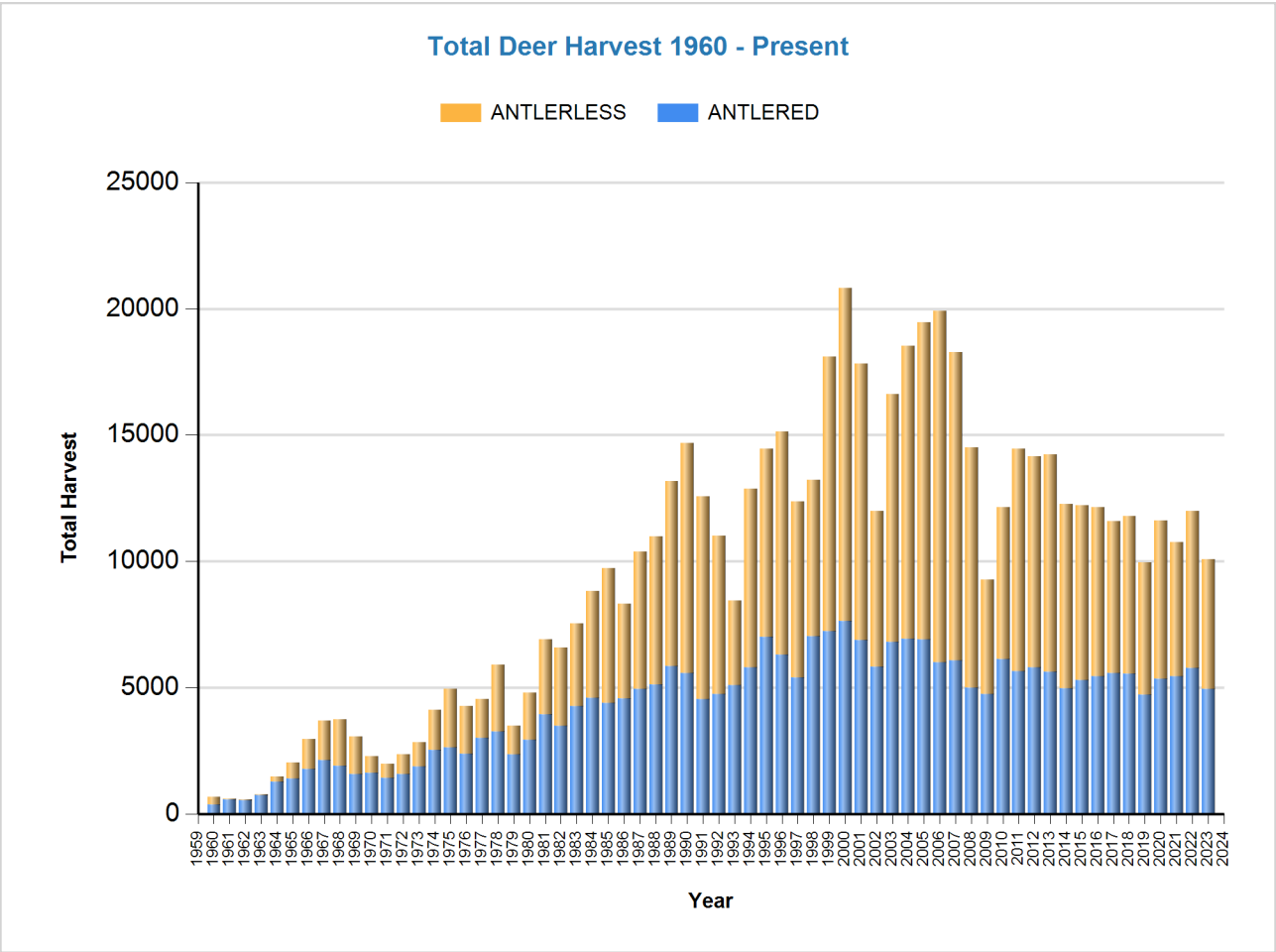


## Total Harvest for Marathon County - Central Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total Harvest</b>										
Antlered	536	548	512	491	526	457	493	424	448	450
Antlerless	1024	1005	898	857	869	691	809	683	812	874
Total	1560	1553	1410	1348	1395	1148	1302	1107	1260	1324
<b>Gun</b>										
Antlered	329	334	329	322	368	286	267	237	281	278
Antlerless	740	710	648	592	652	475	527	482	567	641
Total	1069	1044	977	914	1020	761	794	719	848	919
<b>Bow</b>										
Antlered	136	134	93	90	84	89	112	90	67	82
Antlerless	190	167	128	138	107	92	130	86	96	97
Total	326	301	221	228	191	181	242	176	163	179
<b>Crossbow</b>										
Antlered	70	79	90	79	74	82	114	97	100	90
Antlerless	92	128	122	127	110	124	152	115	149	136
Total	162	207	212	206	184	206	266	212	249	226
<b>Tribal*</b>										
Antlered	1	1	0	0	0	0	0	0	0	0
Antlerless	2	0	0	0	0	0	0	0	0	0
Total	3	1	0	0	0	0	0	0	0	0
<b>Youth Antlerless*</b>										
Antlerless	0	0	40	37	30	23	28	21	30	19

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

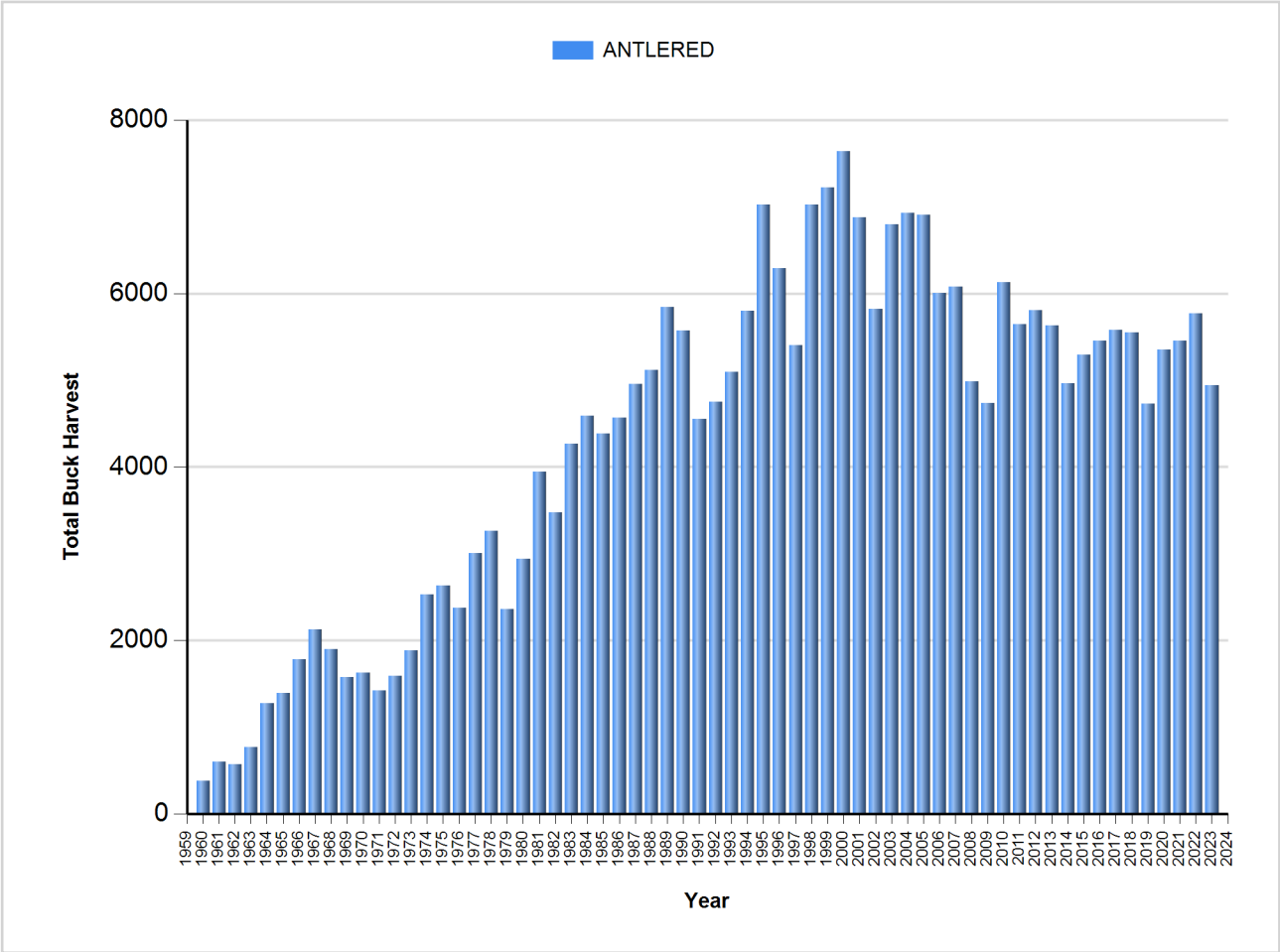




Total Buck Harvest 1960 - Present

Historic High: 2000 - 7,644

Historic Low: 1960 - 379



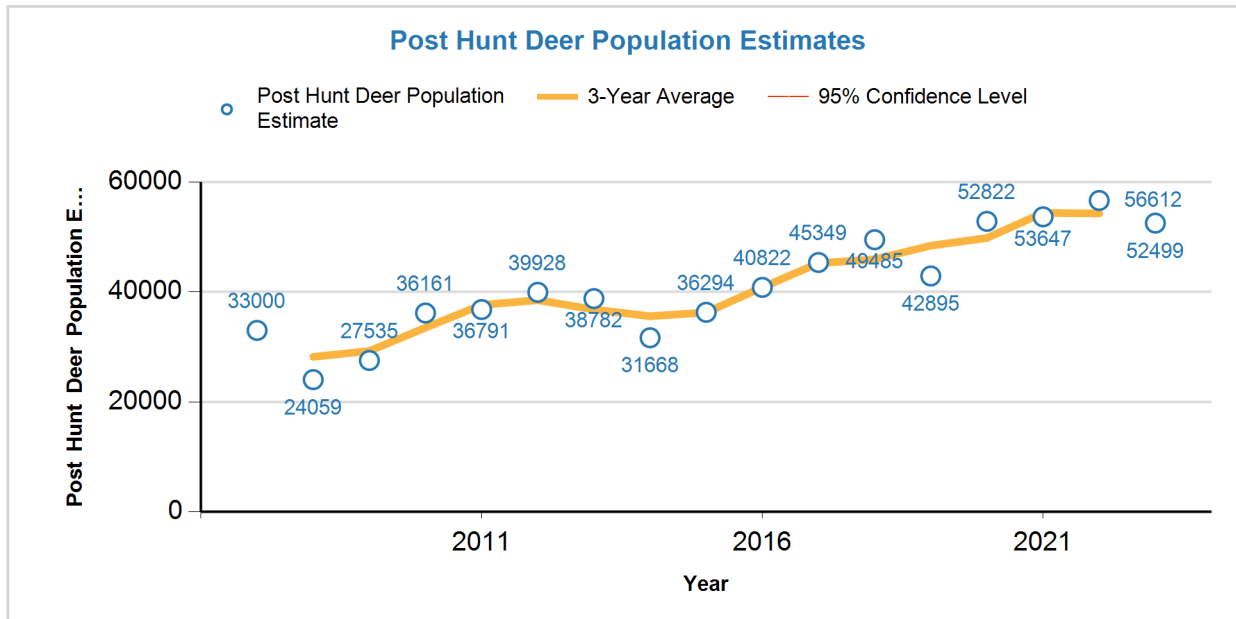
**Antlerless Tag Issuance & Success for Marathon County - Central Farmland**

Year	2020	2021	2022	2023
<b>Farmland - Public</b>				
Issued	8,518	8,268	8,246	7,978
Killed	756	653	717	573
Success Rate (%)	8.9	7.9	8.7	7.2
<b>Farmland - Private</b>				
Issued	28,294	27,450	27,196	26,914
Killed	4,263	3,643	4,216	3,474
Success Rate (%)	15.1	13.3	15.5	12.9
<b>Farmland - Total</b>				
Issued	36,812	35,718	35,442	34,892
Killed	5,019	4,296	4,933	4,047
Success Rate (%)	13.6	12.0	13.9	11.6
<b>Bonus- Public</b>				
Available		0	200	500
Issued	0	0	200	499
Killed	1	1	50	65
Success Rate (%)			25.0	13.0
<b>Bonus- Private</b>				
Available	2,000	2,000	2,000	2,000
Issued	2,000	2,000	1,999	2,000
Killed	478	385	491	429
Success Rate (%)	23.9	19.3	24.6	21.5
<b>Bonus- Total</b>				
Available	2,000	2,000	2,200	2,500
Issued	2,000	2,000	2,199	2,499
Killed	479	386	541	494
Success Rate (%)	23.9	19.3	24.6	19.8



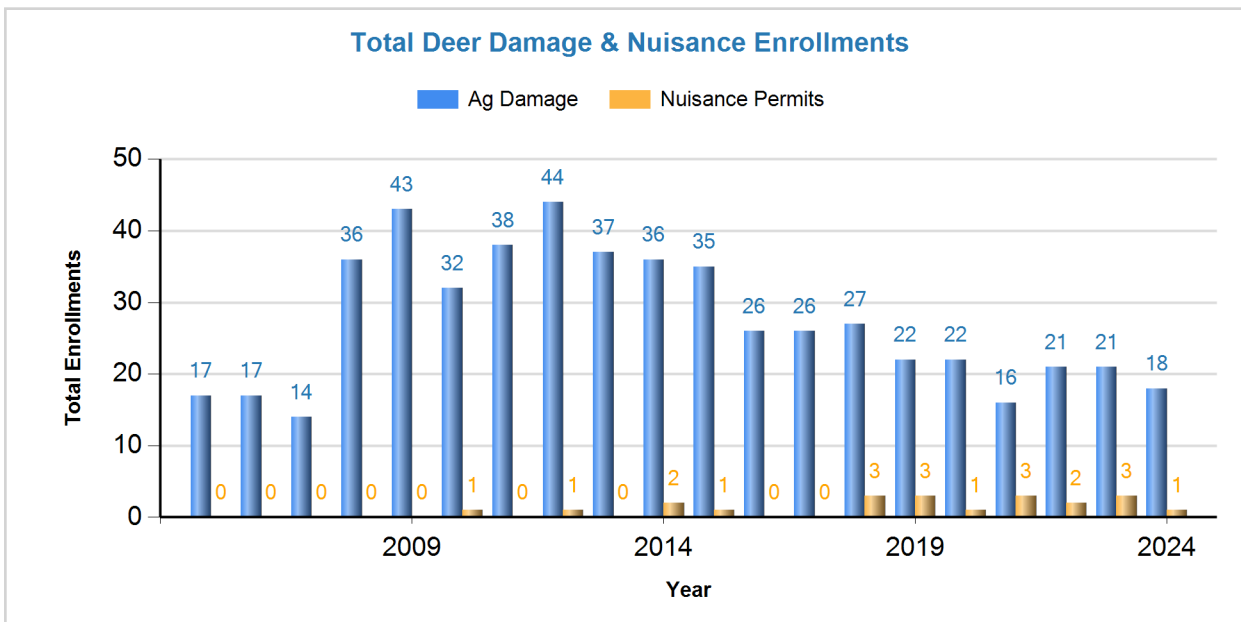
## Herd Abundance

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

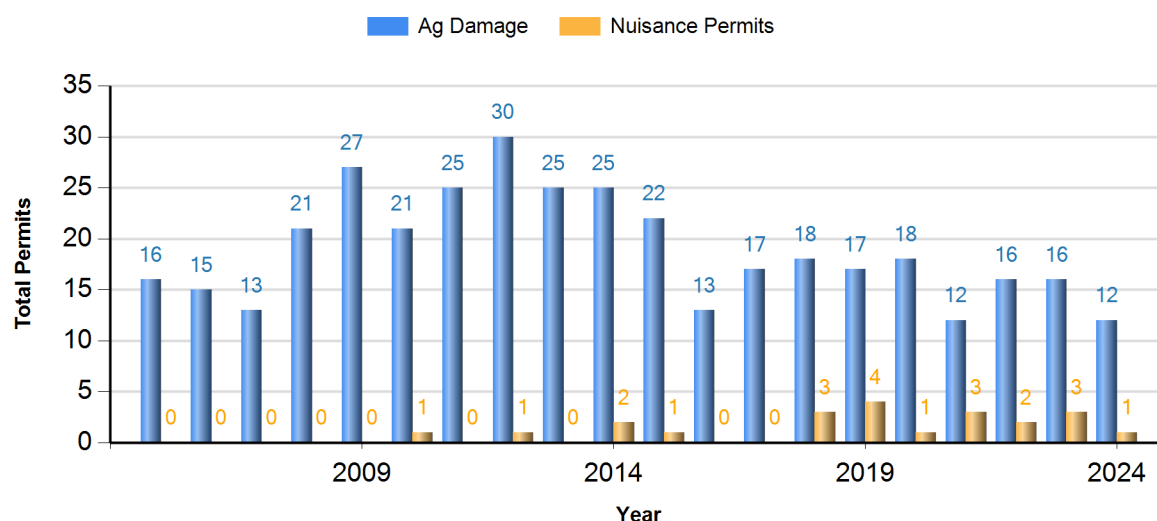


## Deer Impacts – Agriculture & Nuisance Impacts

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



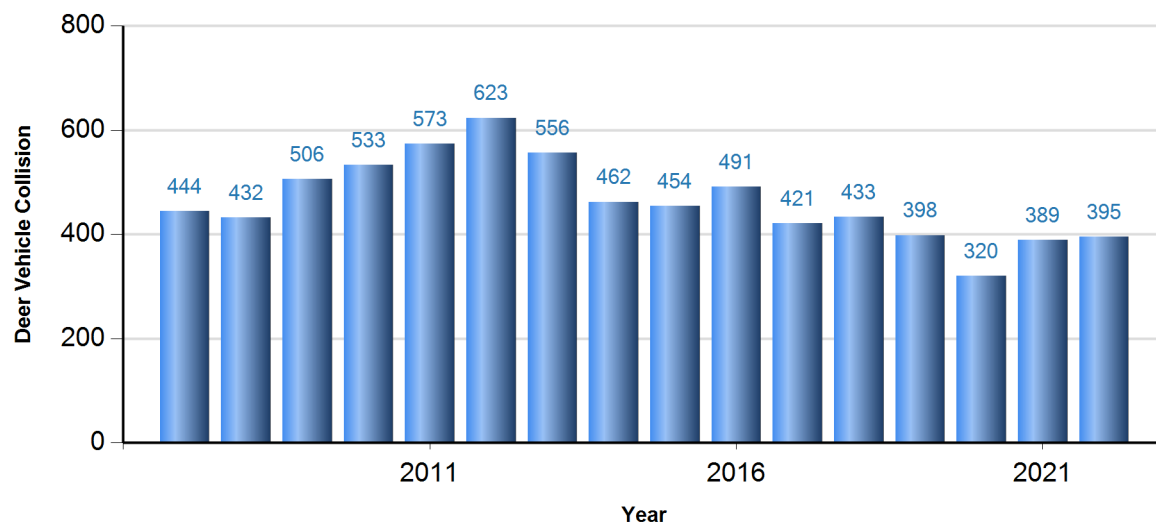
### Total Deer Damage & Nuisance Shooting Permits Issued



### 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

