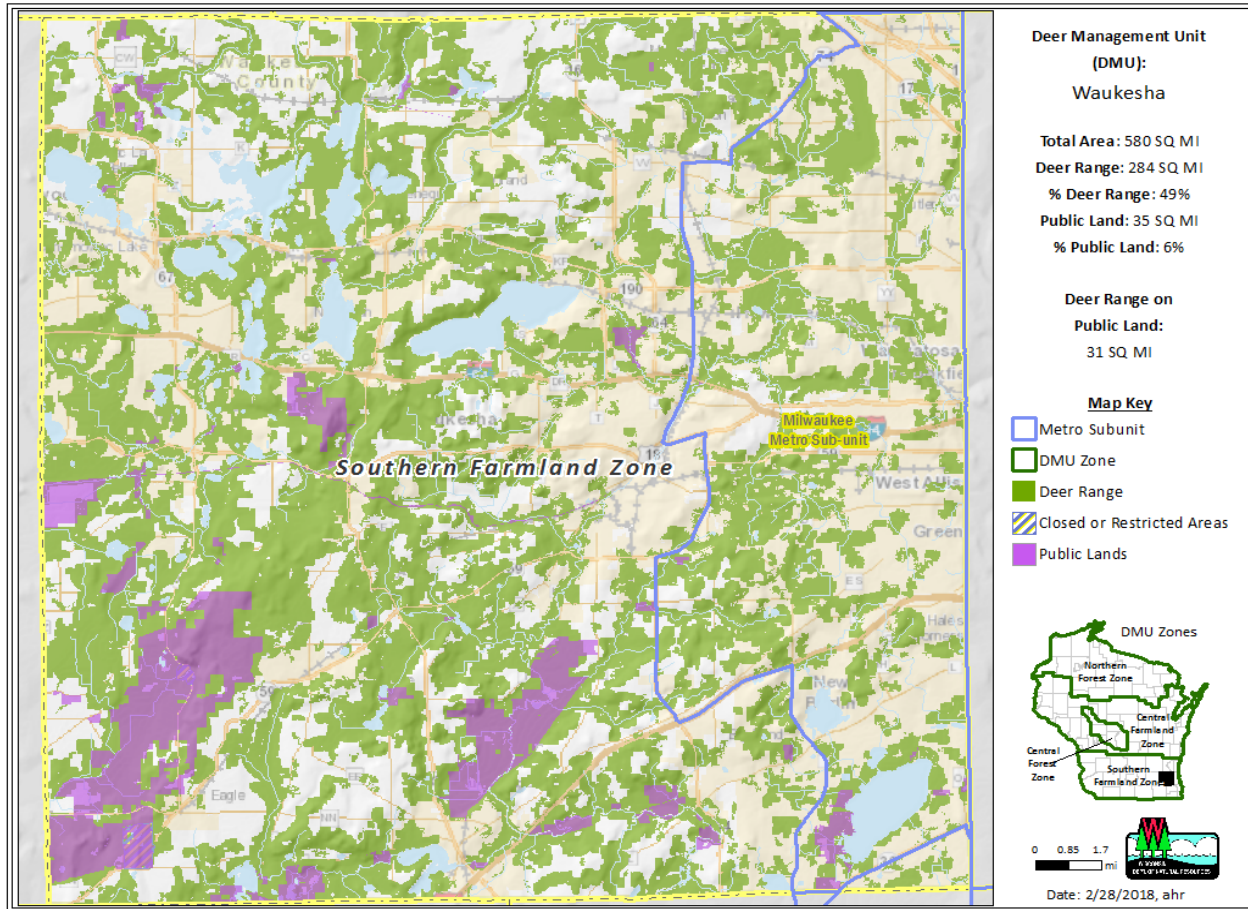


Waukesha County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Waukesha County Deer Management Unit is located in the Southern Farmland Zone. Approximately 52% of the unit is considered suitable deer range (228 square miles). The unit is a mixture of agricultural lands, woodlands, urban and suburban development. Habitat is composed of primarily oak and southern hardwood forest and brushy marsh set within an agricultural landscape. About 18,000 acres of state-owned land provides public hunting opportunities, including the Kettle Moraine State Forest, Vernon Wildlife Area, Paradise Valley Wildlife Area and Big Muskego Lake Wildlife Area. Some Waukesha County Parks also offer quality deer hunting. Hunter densities in Waukesha County are relatively high because of its resident population. Urban deer damage, reduced forest regeneration and deer-vehicle collisions have prompted the issuance of deer shooting permits concentrated in the urbanized areas in the northeastern portion of the unit. Disease threats in this unit continue to be Chronic Wasting Disease as well as Epizootic Hemorrhagic Disease in some years. 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 reduce 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

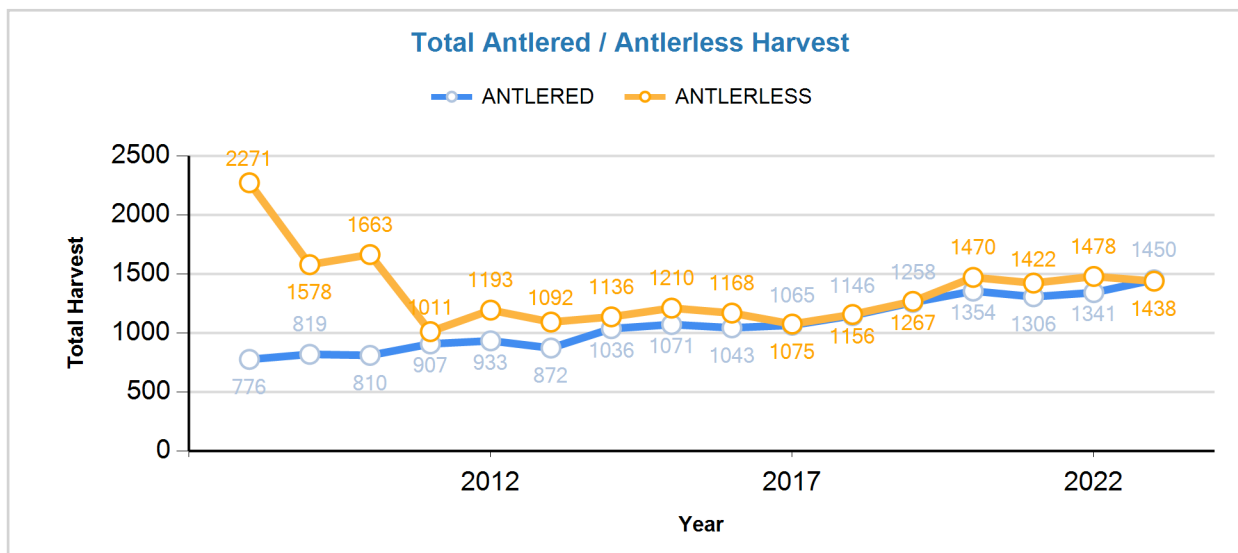
Total Area of Unit (Sq. Miles): 580.30

Deer Range of Unit (Sq. Miles): 284.20

Total Harvest for Waukesha County - Southern Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	1036	1071	1043	1065	1146	1258	1354	1306	1341	1450
Antlerless	1176	1210	1168	1075	1156	1267	1470	1422	1478	1438
Total	2212	2281	2211	2140	2302	2525	2824	2728	2819	2888
Gun										
Antlered	394	418	411	394	464	403	431	448	508	511
Antlerless	561	598	678	651	614	692	687	770	700	721
Total	955	1016	1089	1045	1078	1095	1118	1218	1208	1232
Bow										
Antlered	465	444	385	393	388	439	473	408	372	443
Antlerless	455	395	322	265	272	309	404	313	387	316
Total	920	839	707	658	660	748	877	721	759	759
Crossbow										
Antlered	177	209	247	278	294	416	450	450	461	496
Antlerless	160	217	168	159	270	266	379	339	391	401
Total	337	426	415	437	564	682	829	789	852	897
Tribal*										
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
Youth Antlerless*										
Antlerless	0	0	53	50	44	27	44	21	31	38

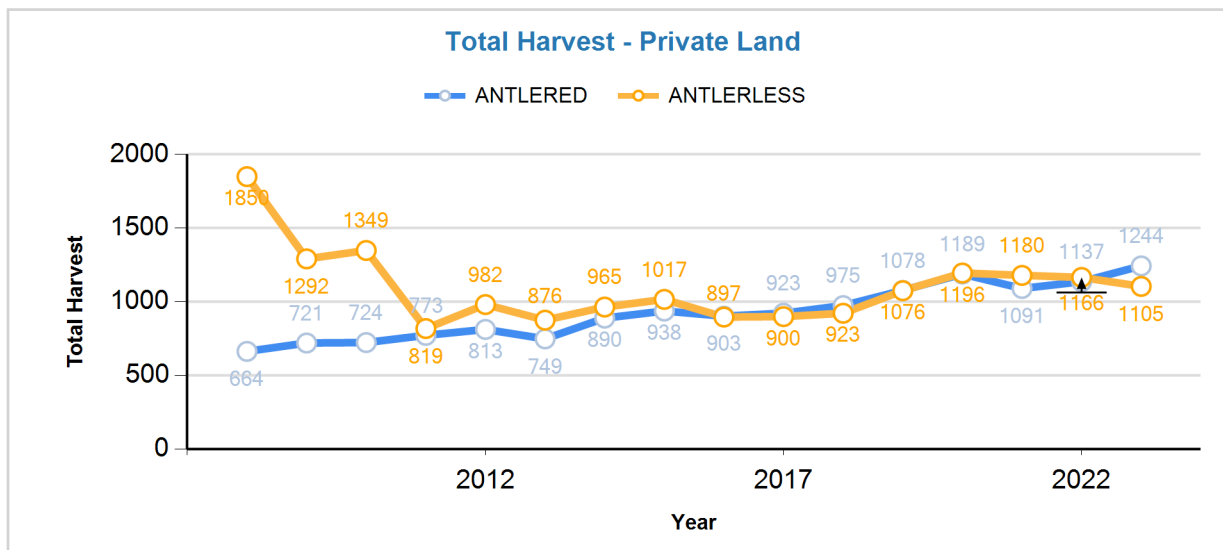
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Waukesha County - Southern Farmland Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	890	938	903	923	975	1078	1189	1091	1137	1244
Antlerless	999	1017	897	900	923	1076	1196	1180	1166	1105
Total	1889	1955	1800	1823	1898	2154	2385	2271	2303	2349
Gun										
Antlered	334	359	346	335	387	350	373	362	426	426
Antlerless	465	507	484	564	490	618	572	644	554	550
Total	799	866	830	899	877	968	945	1006	980	976
Bow										
Antlered	398	383	331	339	331	367	413	337	302	374
Antlerless	388	321	258	200	199	238	319	247	286	239
Total	786	704	589	539	530	605	732	584	588	613
Crossbow										
Antlered	158	196	226	249	257	361	403	392	409	444
Antlerless	146	189	155	136	234	220	305	289	326	316
Total	304	385	381	385	491	581	708	681	735	760
Tribal*										
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
Youth Antlerless*										
Antlerless	0	0	42	48	38	23	37	18	26	32

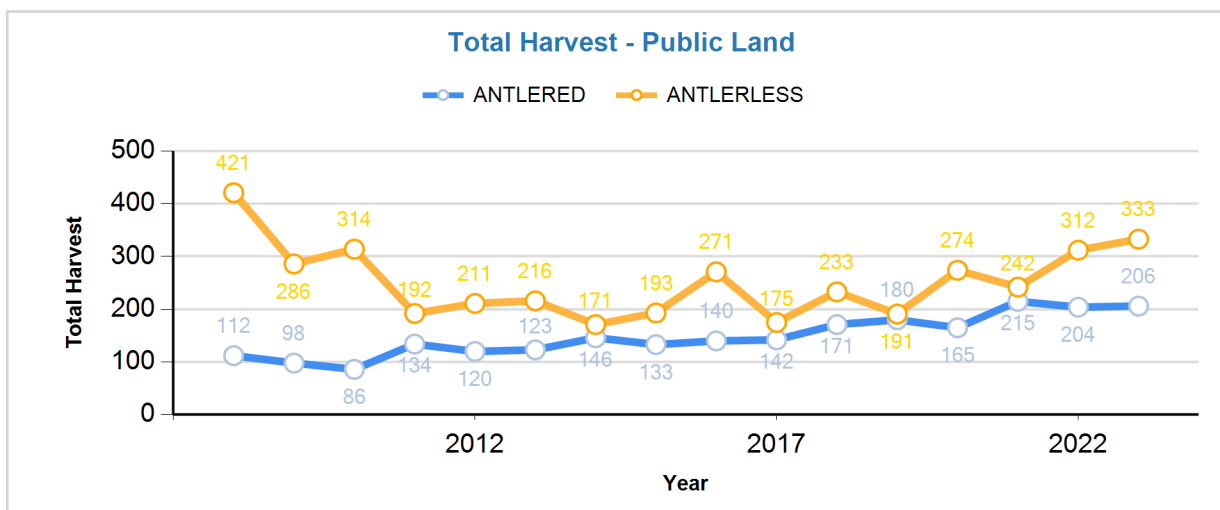
* Tribal and Youth Antlerless data are included in above totals where they apply



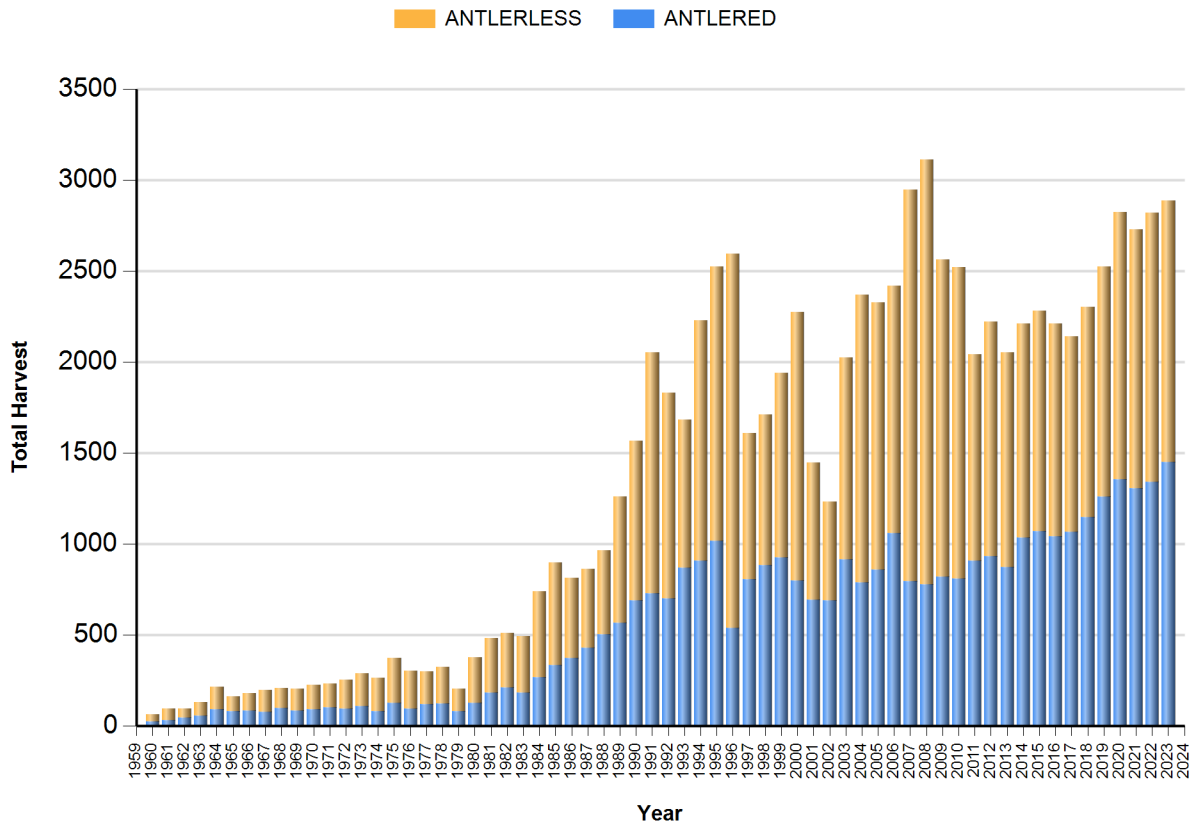
Total Harvest for Waukesha County - Southern Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	146	133	140	142	171	180	165	215	204	206
Antlerless	177	193	271	175	233	191	274	242	312	333
Total	323	326	411	317	404	371	439	457	516	539
Gun										
Antlered	60	59	65	59	77	53	58	86	82	85
Antlerless	96	91	194	87	124	74	115	126	146	171
Total	156	150	259	146	201	127	173	212	228	256
Bow										
Antlered	67	61	54	54	57	72	60	71	70	69
Antlerless	67	74	64	65	73	71	85	66	101	77
Total	134	135	118	119	130	143	145	137	171	146
Crossbow										
Antlered	19	13	21	29	37	55	47	58	52	52
Antlerless	14	28	13	23	36	46	74	50	65	85
Total	33	41	34	52	73	101	121	108	117	137
Tribal*										
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
Youth Antlerless*										
Antlerless	0	0	11	2	6	4	7	3	5	6

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



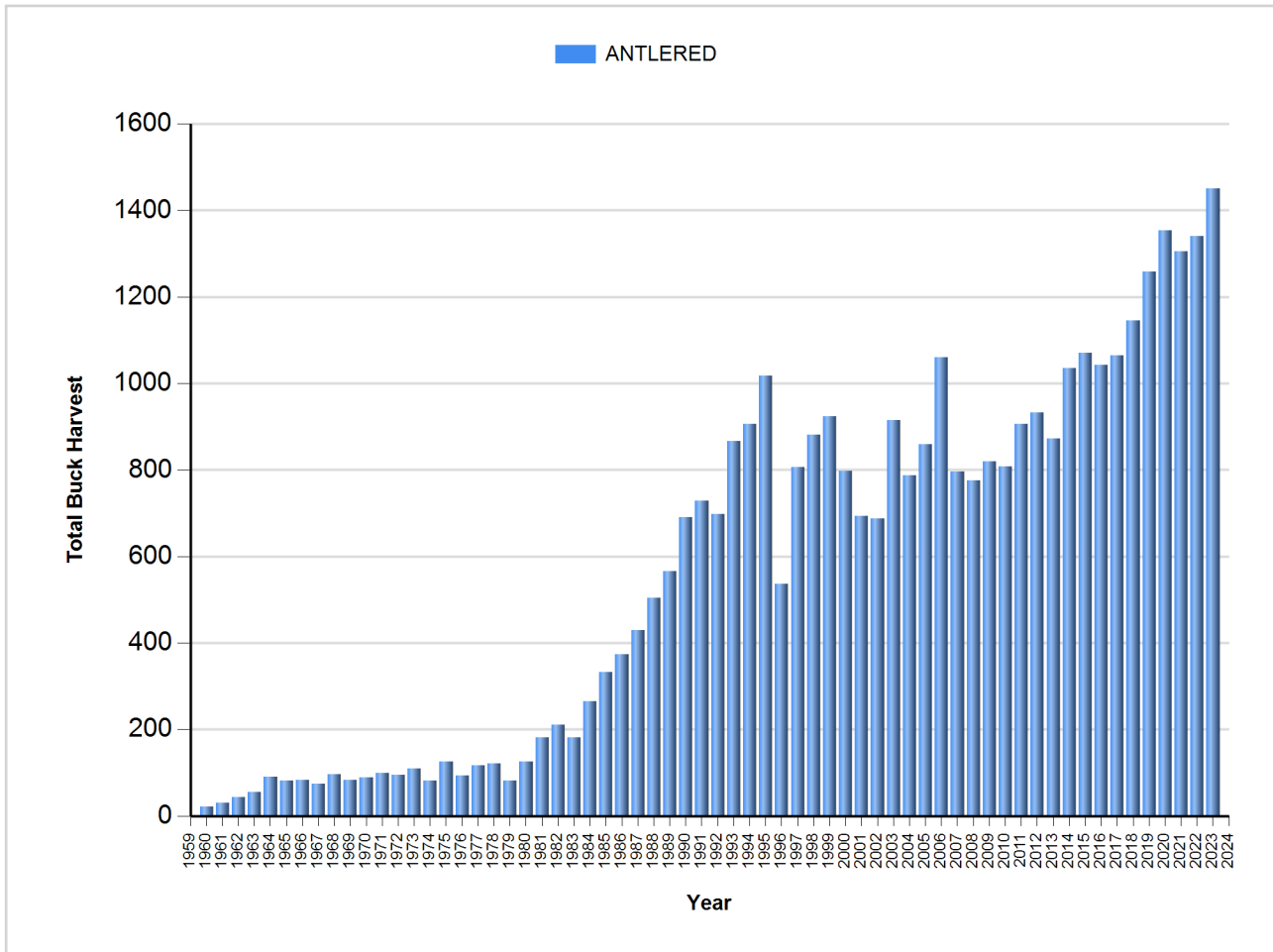
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 2023 - 1,450

Historic Low: 1960 - 22

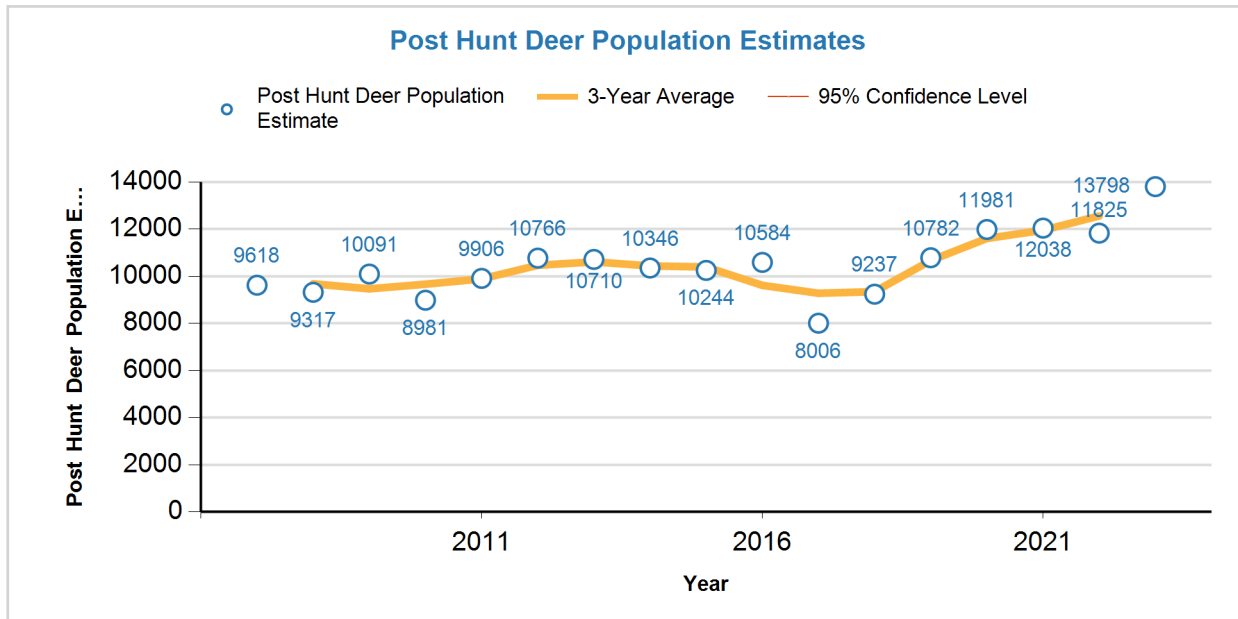


Antlerless Tag Issuance & Success for Waukesha County - Southern Farmland

Year	2020	2021	2022	2023
Farmland - Public				
Issued	4,130	7,982	8,127	8,612
Killed	149	179	222	221
Success Rate (%)	3.6	2.2	2.7	2.6
Farmland - Private				
Issued	6,358	11,552	11,553	11,616
Killed	620	654	785	676
Success Rate (%)	9.8	5.7	6.8	5.8
Farmland - Total				
Issued	10,488	19,534	19,680	20,228
Killed	769	833	1,007	897
Success Rate (%)	7.3	4.3	5.1	4.4
Bonus- Public				
Available	1,000	1,000	1,000	1,100
Issued	993	878	779	859
Killed	65	36	44	34
Success Rate (%)	6.5	4.1	5.6	4.0
Bonus- Private				
Available	1,900	1,900	1,900	1,900
Issued	985	732	708	668
Killed	186	74	109	80
Success Rate (%)	18.9	10.1	15.4	12.0
Bonus- Total				
Available	2,900	2,900	2,900	3,000
Issued	1,978	1,610	1,487	1,527
Killed	251	110	153	114
Success Rate (%)	12.7	6.8	10.3	7.5

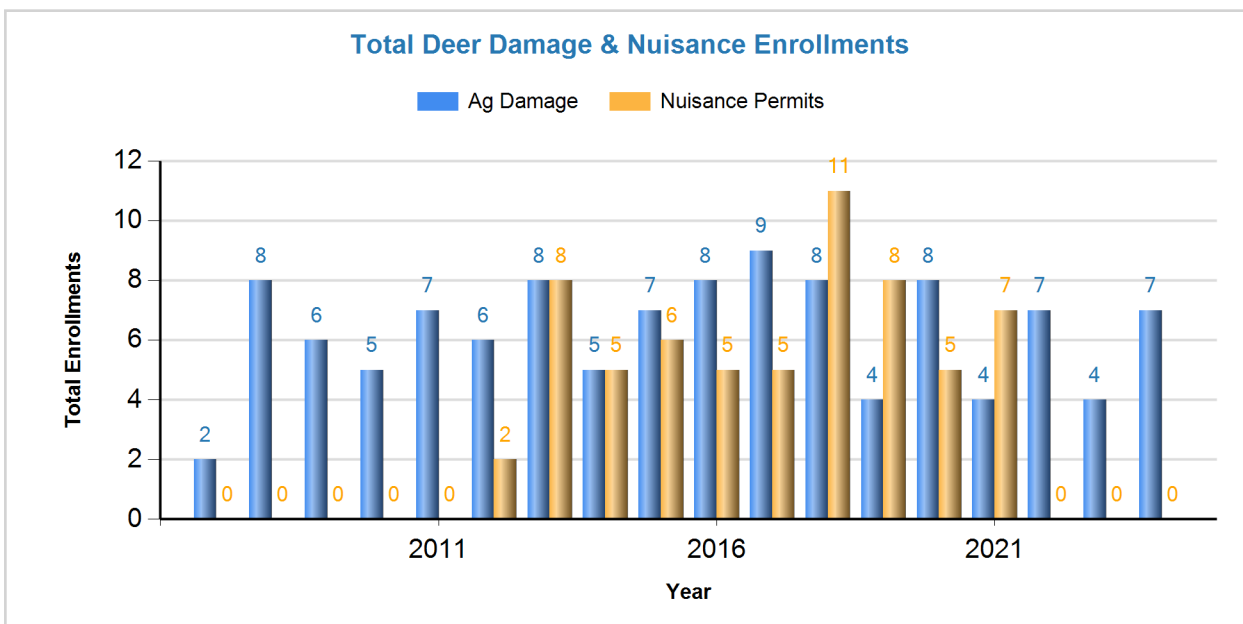
Herd Abundance

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

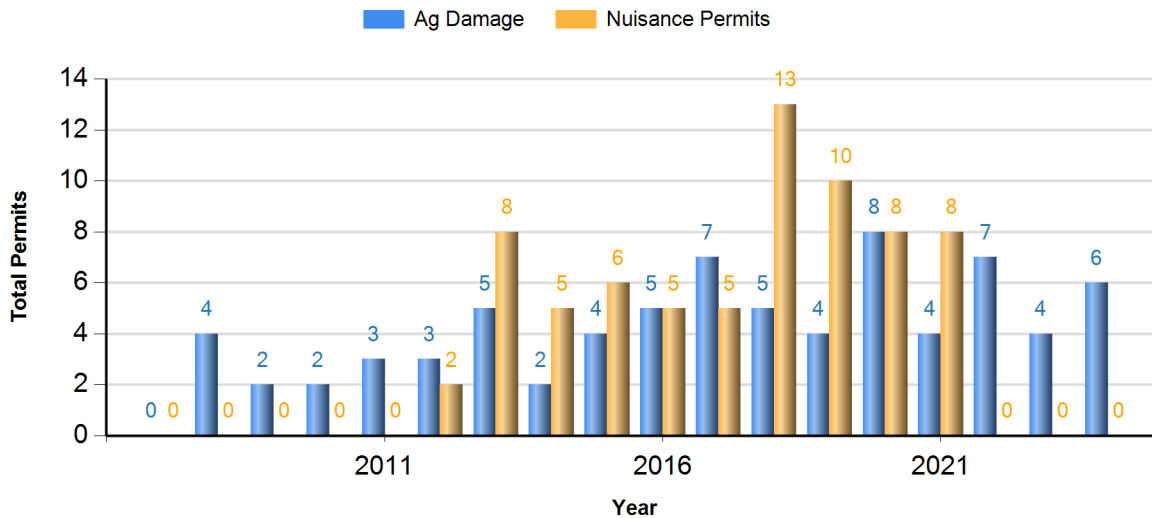


Deer Impacts – Agriculture & Nuisance Impacts

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



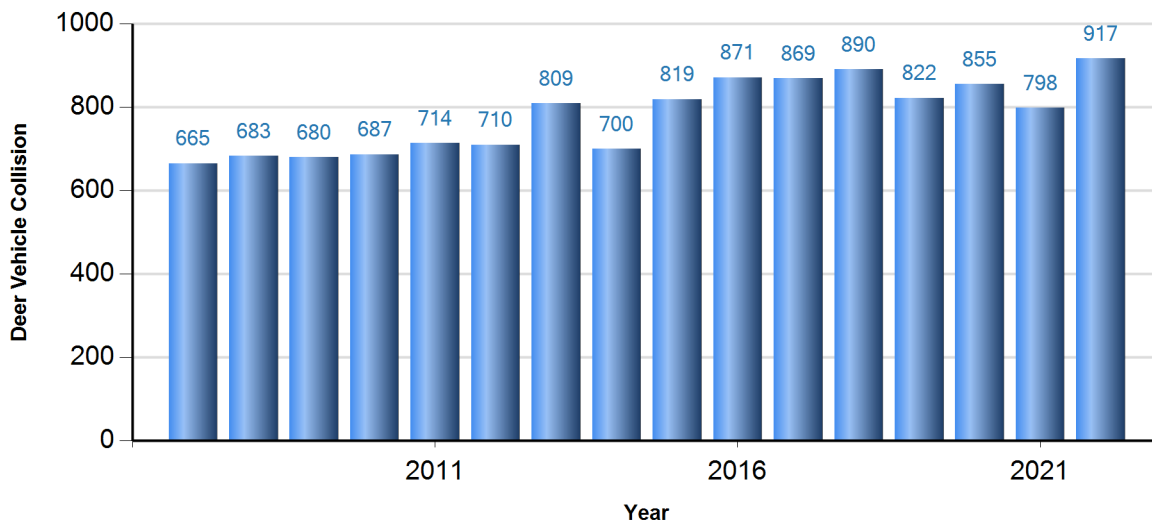
Total Deer Damage & Nuisance Shooting Permits Issued



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

