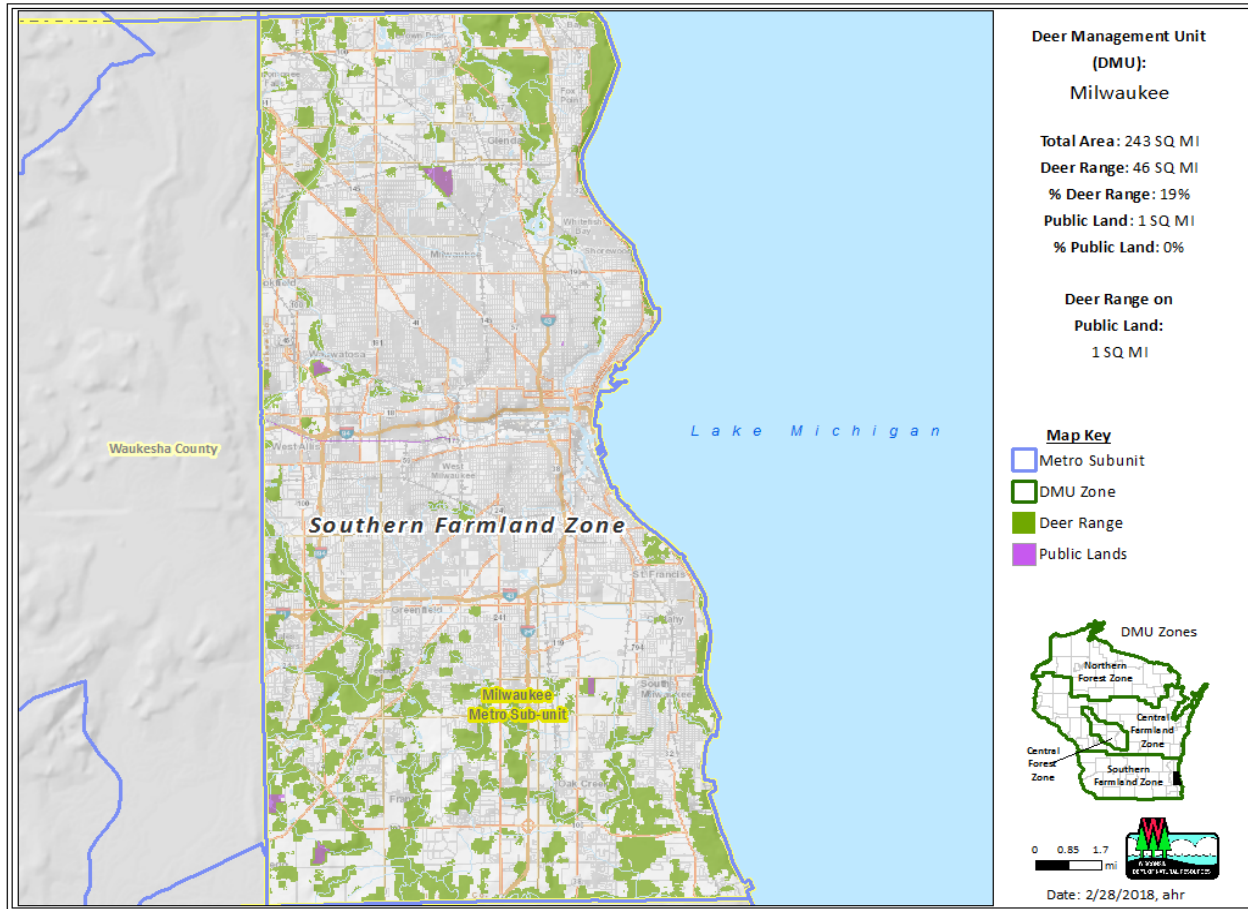


Milwaukee County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Milwaukee County Deer Management Unit is located in the Southern Farmland Zone. Approximately 19% of the unit is considered suitable deer range (46.6 square miles). Less than 1 square mile of the unit is public land. Public hunting opportunities include Big Muskego Lake Wildlife Area and various properties owned and managed by the Milwaukee Metropolitan Sewage District - Greenseams Program. The unit includes much of the Milwaukee metropolitan area and is entirely within the Metro subunit. The overall goal within the Metro subunit is to keep deer numbers at a low level to minimize deer-vehicle collisions and deer damage to crops, nurseries and native vegetation within a highly urbanized area. Hunting season frameworks have followed the liberal "metro" deer season framework each year. In the limited areas where farming still occurs in the unit, agricultural and nursery deer damage situations are common because these lands are often surrounded by residential properties and other deer "refuges." Several municipalities obtain permits annually to remove deer from developed areas where hunting opportunities are limited. The first wild deer tested positive for CWD in December of 2017 in the City of West Allis. For the latest information on CWD in this unit, visit the CWD results webpage at the following link: <http://dnr.wi.gov/topic/wildlifehabitat/results.html>. The current deer herd management objective is to decrease 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

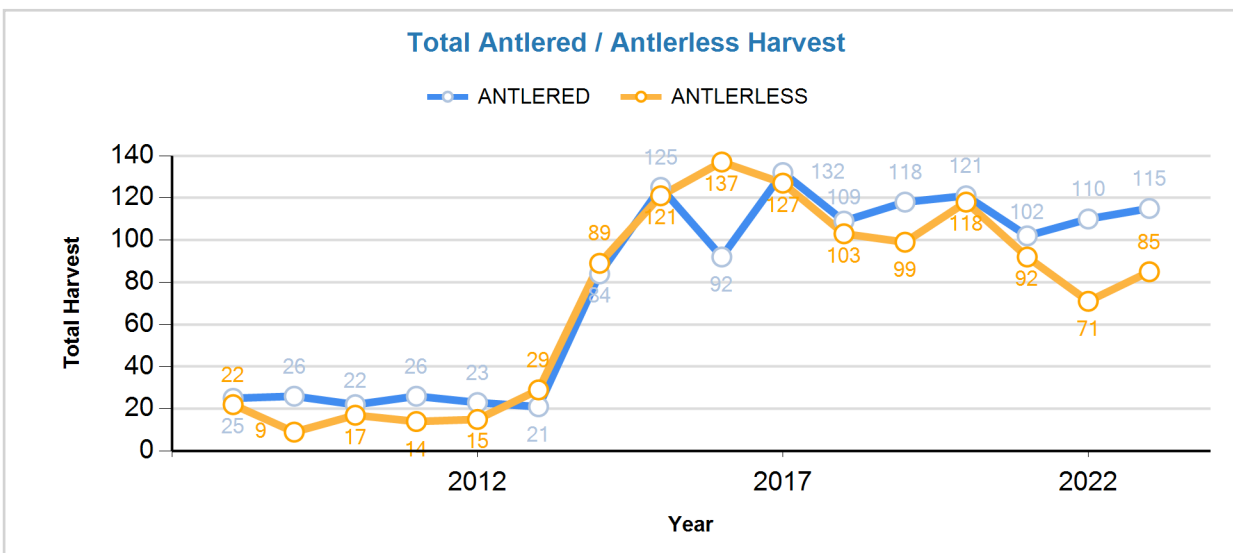
Total Area of Unit (Sq. Miles): 242.70

Deer Range of Unit (Sq. Miles): 45.50

Total Harvest for Milwaukee County - Southern Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	84	125	92	132	109	118	121	102	110	115
Antlerless	94	121	137	134	103	99	118	92	71	85
Total	178	246	229	266	212	217	239	194	181	200
Gun										
Antlered	11	49	34	42	38	36	28	27	27	25
Antlerless	14	47	47	45	42	32	47	40	23	25
Total	25	96	81	87	80	68	75	67	50	50
Bow										
Antlered	56	43	31	40	34	32	33	27	26	36
Antlerless	54	46	41	40	25	25	13	13	14	18
Total	110	89	72	80	59	57	46	40	40	54
Crossbow										
Antlered	17	33	27	50	37	50	60	48	57	54
Antlerless	26	28	49	49	36	42	58	39	34	42
Total	43	61	76	99	73	92	118	87	91	96
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	1	0	1	1	2	0	1	0

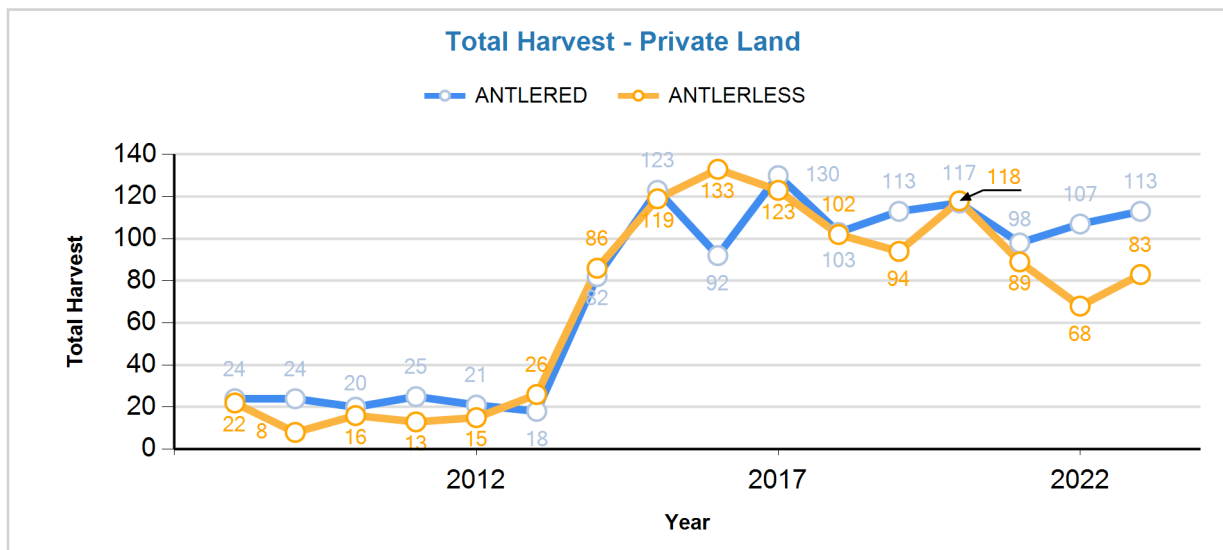
* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	82	123	92	130	103	113	117	98	107	113
Antlerless	91	119	133	130	102	94	118	89	68	83
Total	173	242	225	260	205	207	235	187	175	196
Gun										
Antlered	11	49	34	41	38	35	28	27	27	24
Antlerless	13	47	47	45	42	32	47	40	23	25
Total	24	96	81	86	80	67	75	67	50	49
Bow										
Antlered	55	41	31	39	31	31	32	27	25	35
Antlerless	52	44	38	38	25	23	13	12	12	18
Total	107	85	69	77	56	54	45	39	37	53
Crossbow										
Antlered	16	33	27	50	34	47	57	44	55	54
Antlerless	26	28	48	47	35	39	58	37	33	40
Total	42	61	75	97	69	86	115	81	88	94
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	1	0	1	0	2	0	1	0

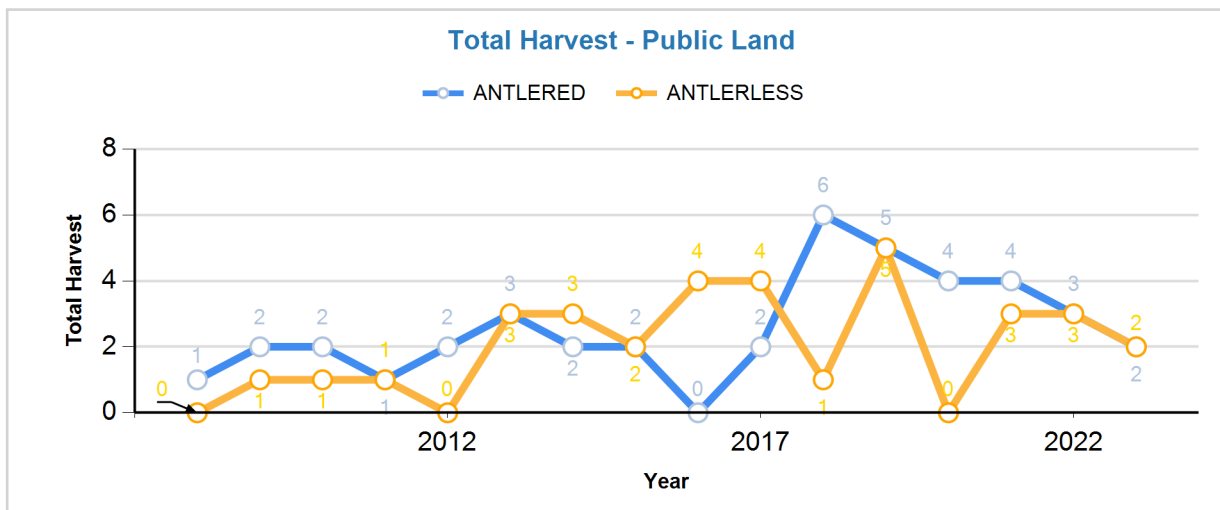
* Tribal and Youth Antlerless data are included in above totals where they apply

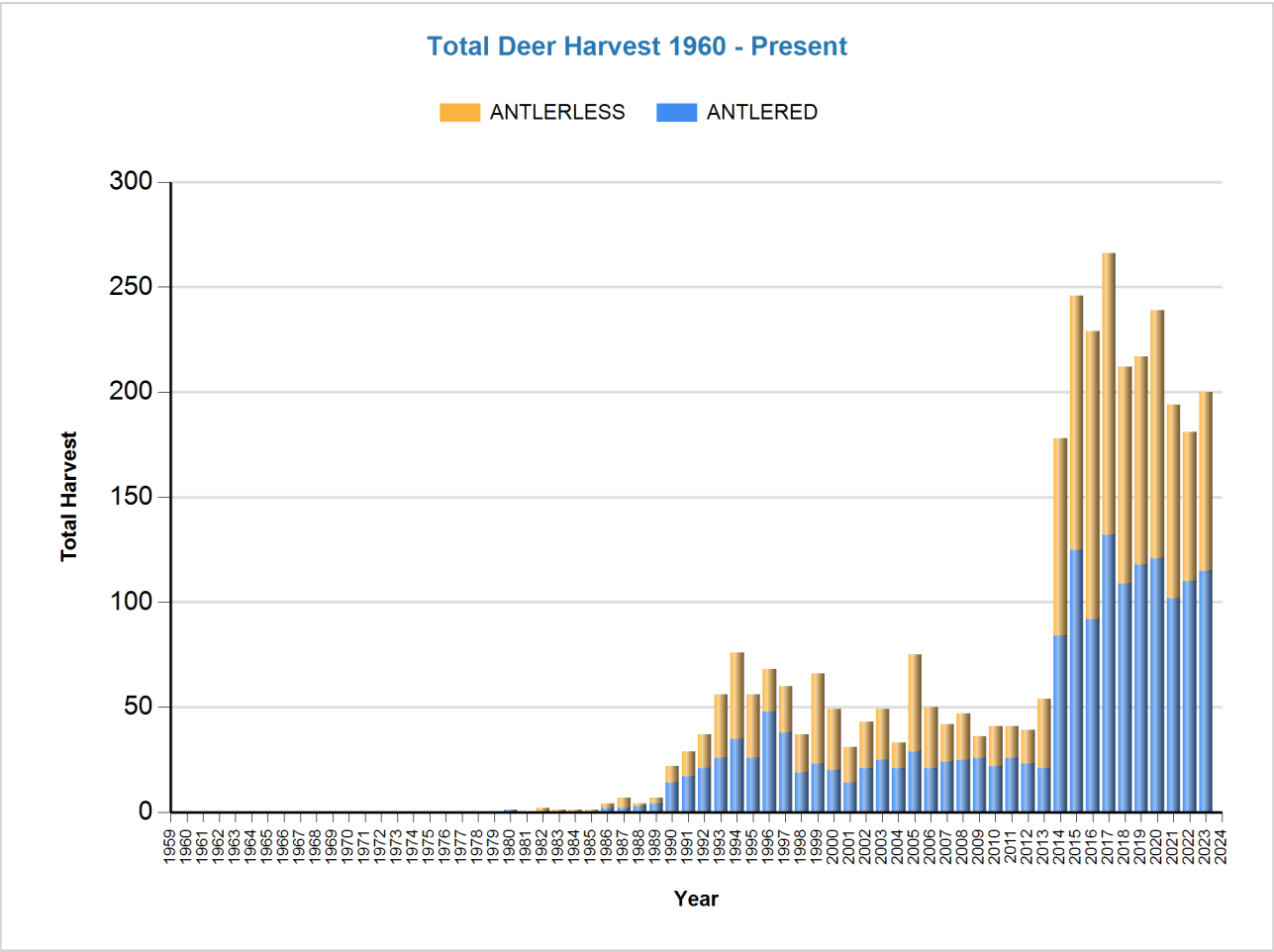


Total Harvest for Milwaukee County - Southern Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	2	2	0	2	6	5	4	4	3	2
Antlerless	3	2	4	4	1	5	0	3	3	2
Total	5	4	4	6	7	10	4	7	6	4
Gun										
Antlered	0	0	0	1	0	1	0	0	0	1
Antlerless	1	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	1	0	0	0	1
Bow										
Antlered	1	2	0	1	3	1	1	0	1	1
Antlerless	2	2	3	2	0	2	0	1	2	0
Total	3	4	3	3	3	3	1	1	3	1
Crossbow										
Antlered	1	0	0	0	3	3	3	4	2	0
Antlerless	0	0	1	2	1	3	0	2	1	2
Total	1	0	1	2	4	6	3	6	3	2
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	0	0	0	1	0	0	0	0

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

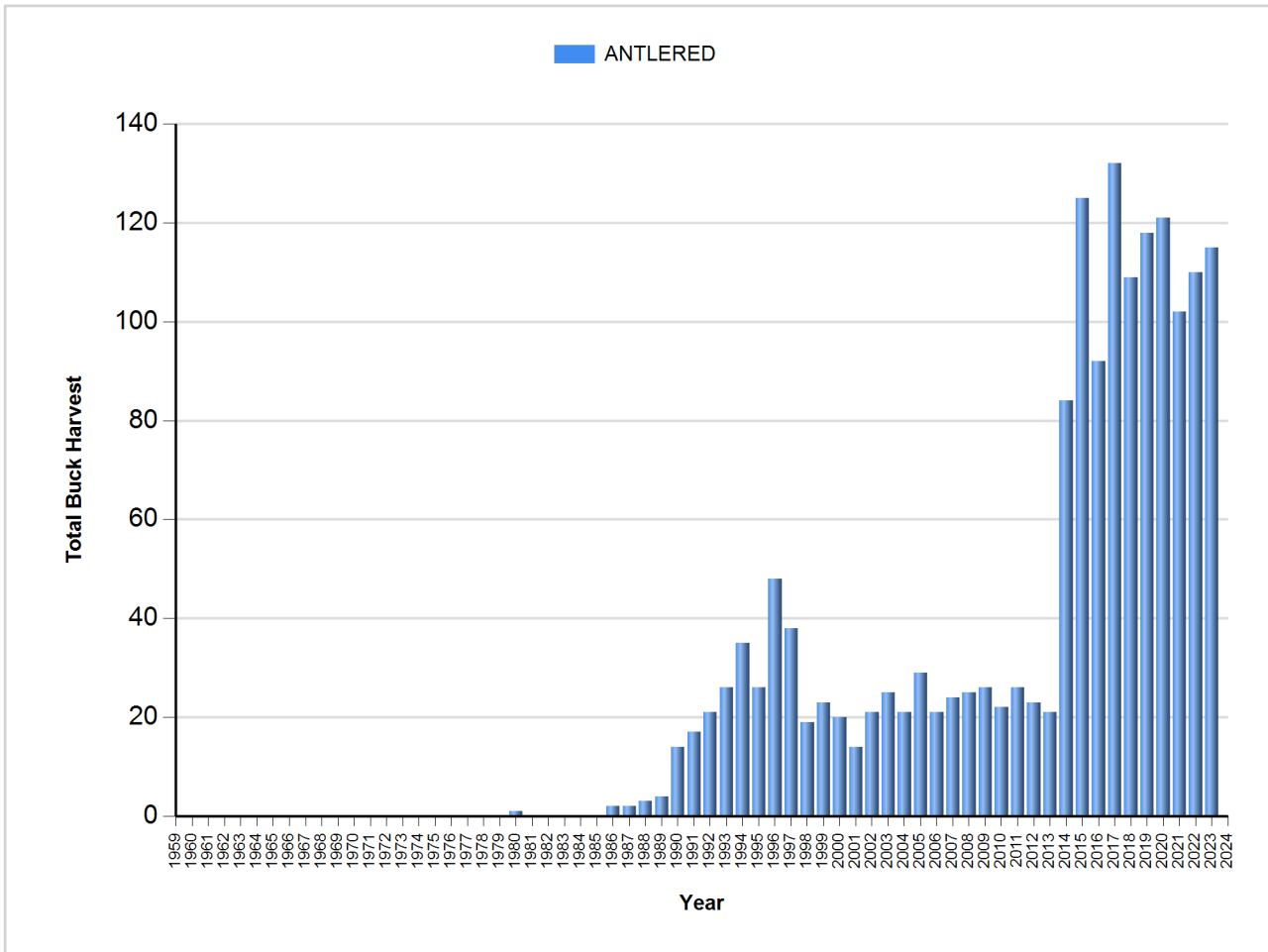




Total Buck Harvest 1960 - Present

Historic High: 2017 - 132

Historic Low: 1973 - 0

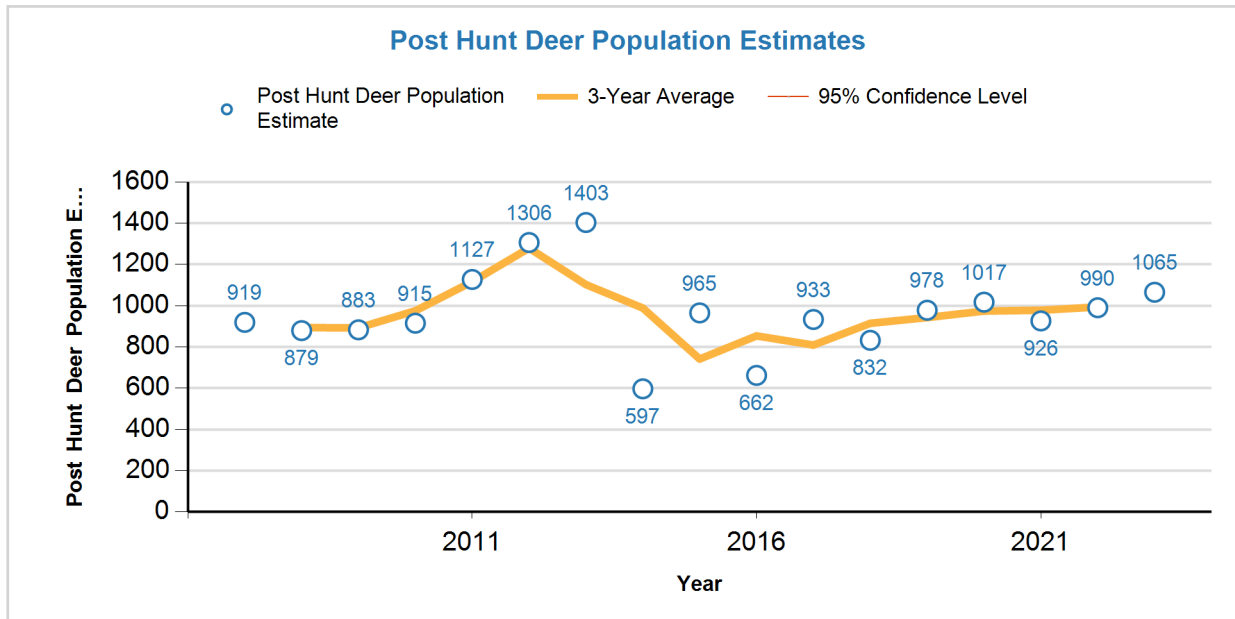


Antlerless Tag Issuance & Success for Milwaukee County - Southern Farmland

Year	2020	2021	2022	2023
Farmland - Public				
Issued	252	187	180	219
Killed	0	1	1	2
Success Rate (%)	0.0	0.5	0.6	0.9
Farmland - Private				
Issued	888	787	750	787
Killed	62	38	38	44
Success Rate (%)	7.0	4.8	5.1	5.6
Farmland - Total				
Issued	1,140	974	930	1,006
Killed	62	39	39	46
Success Rate (%)	5.4	4.0	4.2	4.6
Bonus- Public				
Available	75	100	100	100
Issued	34	39	38	15
Killed	7	2	2	0
Success Rate (%)	20.6	5.1	5.3	0.0
Bonus- Private				
Available	600	300	300	300
Issued	64	81	64	71
Killed	0	9	6	13
Success Rate (%)	0.0	11.1	9.4	18.3
Bonus- Total				
Available	675	400	400	400
Issued	98	120	102	86
Killed	7	11	8	13
Success Rate (%)	7.1	9.2	7.8	15.1

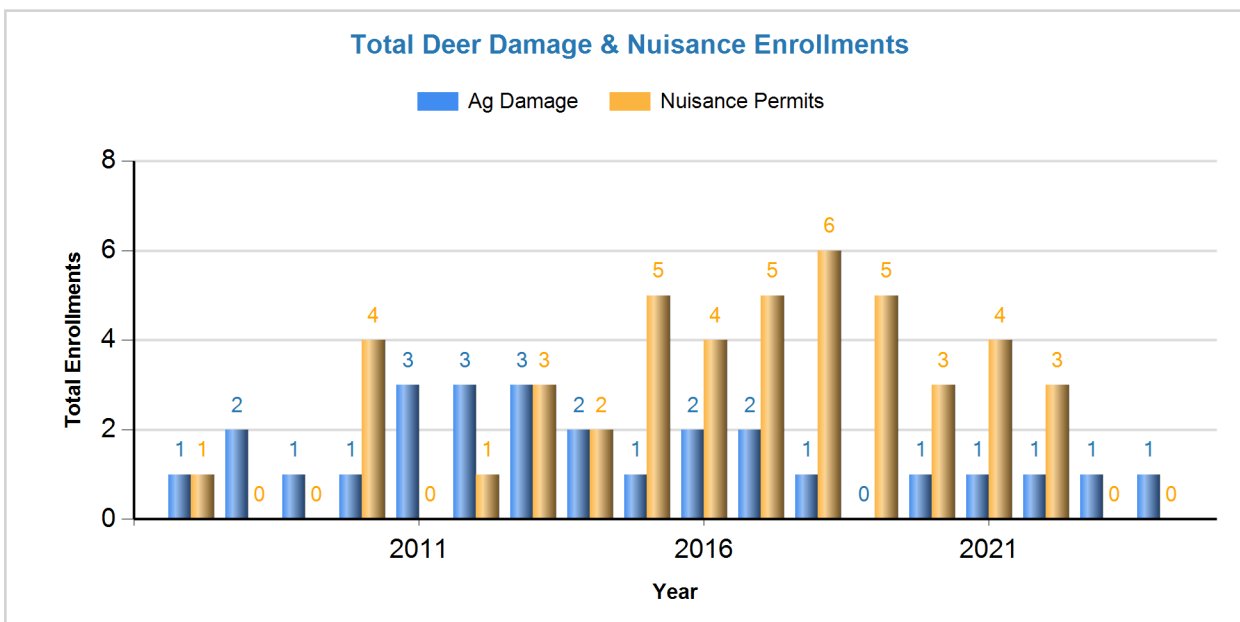
Herd Abundance

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

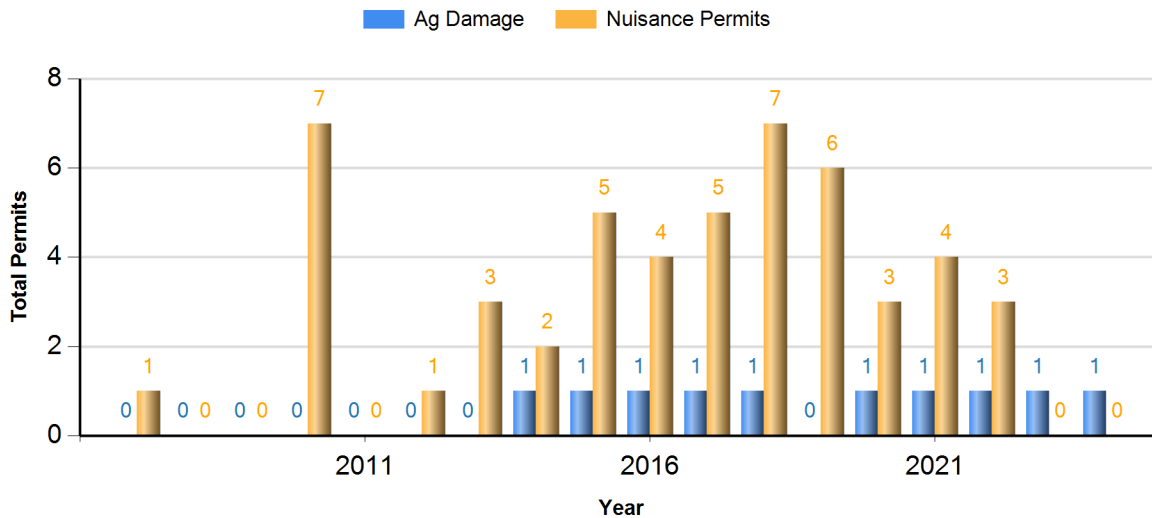


Deer Impacts – Agriculture & Nuisance Impacts

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



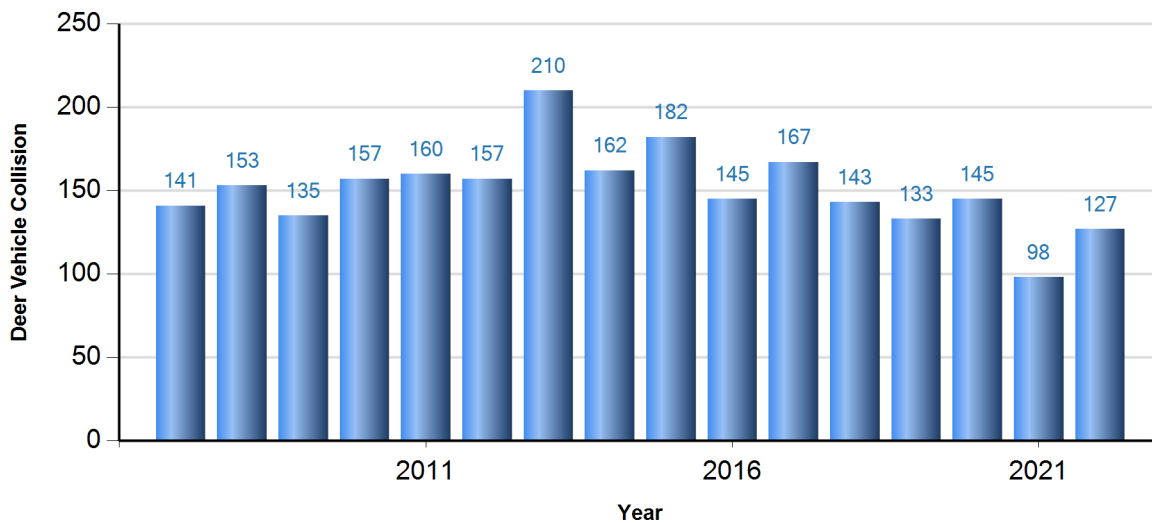
Total Deer Damage & Nuisance Shooting Permits Issued



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

