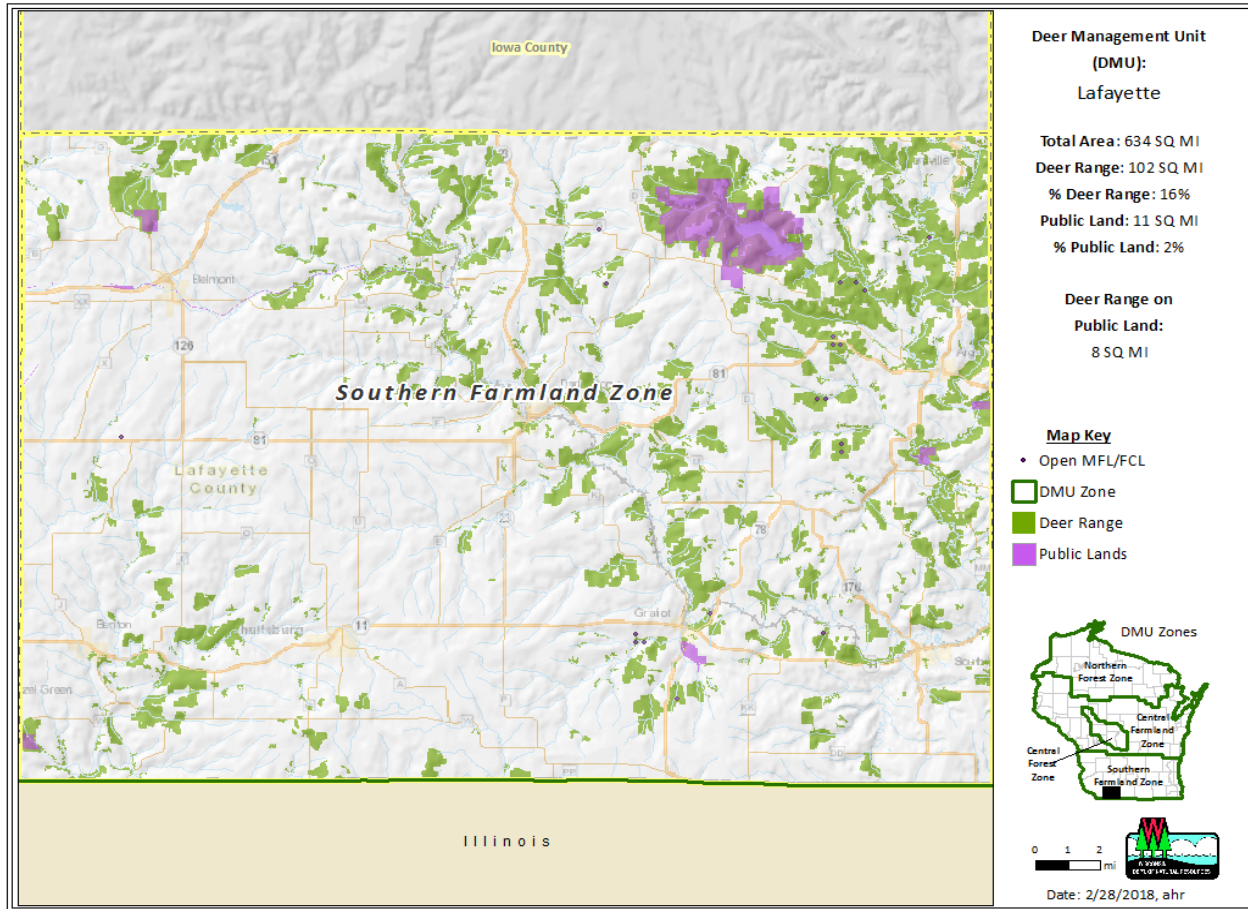


Lafayette County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Lafayette County Deer Management Unit located in the Southern Farmland Zone is 634 square miles in size. Approximately 16 percent of the unit is considered suitable deer range (102 square miles). The highest deer populations are found in the eastern one-third of the unit as well as the far southwest and northwest portions. Most of the unit is under private landownership in a predominantly agricultural land-use, although a patchy distribution of permanent cover, primarily along stream corridors, exists. Public lands open for hunting opportunities include Yellowstone Wildlife Area and Yellowstone Lake State Park in the northeast portion of the county (approximately 4,500 acres). Public land contains approximately 8 square mile of deer range. The unit is a Chronic Wasting Disease-affected unit with the disease most prevalent in the northern and eastern portion 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>.

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

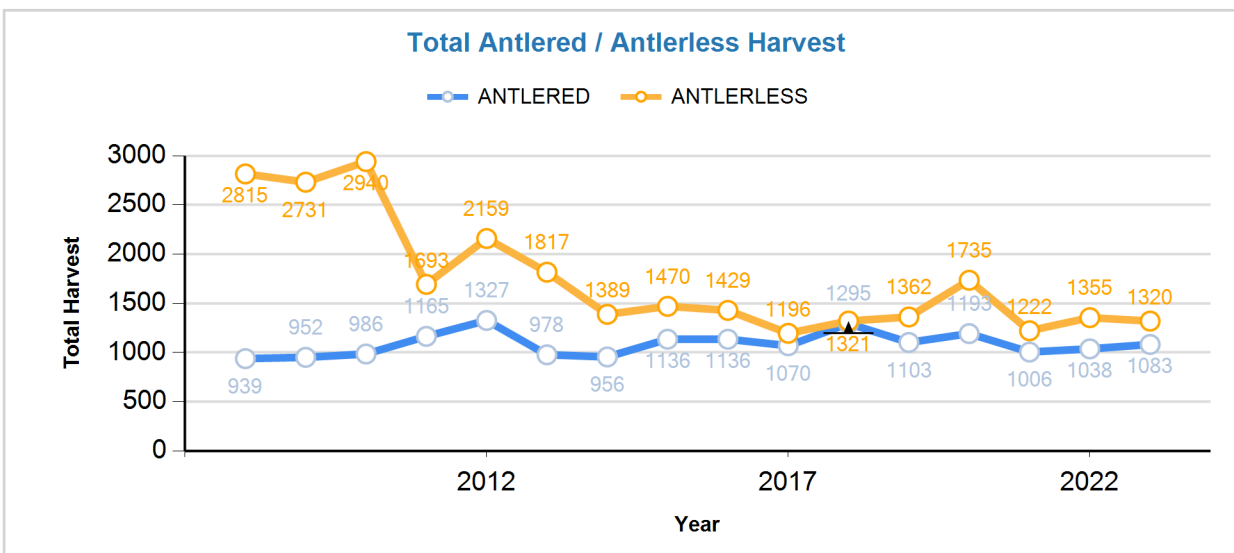
Total Area of Unit (Sq. Miles): 634.10

Deer Range of Unit (Sq. Miles): 102.20

Total Harvest for Lafayette County - Southern Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	956	1136	1136	1070	1295	1103	1193	1006	1038	1083
Antlerless	1468	1470	1429	1196	1321	1362	1735	1222	1355	1320
Total	2424	2606	2565	2266	2616	2465	2928	2228	2393	2403
Gun										
Antlered	695	814	821	745	967	729	816	679	728	773
Antlerless	1251	1231	1210	1000	1106	1111	1418	1010	1172	1116
Total	1946	2045	2031	1745	2073	1840	2234	1689	1900	1889
Bow										
Antlered	198	224	200	188	195	191	185	145	141	127
Antlerless	168	162	145	121	127	141	167	84	70	98
Total	366	386	345	309	322	332	352	229	211	225
Crossbow										
Antlered	63	98	115	137	133	183	192	182	169	183
Antlerless	49	77	74	75	88	110	150	128	113	106
Total	112	175	189	212	221	293	342	310	282	289
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	118	102	111	81	105	71	73	54

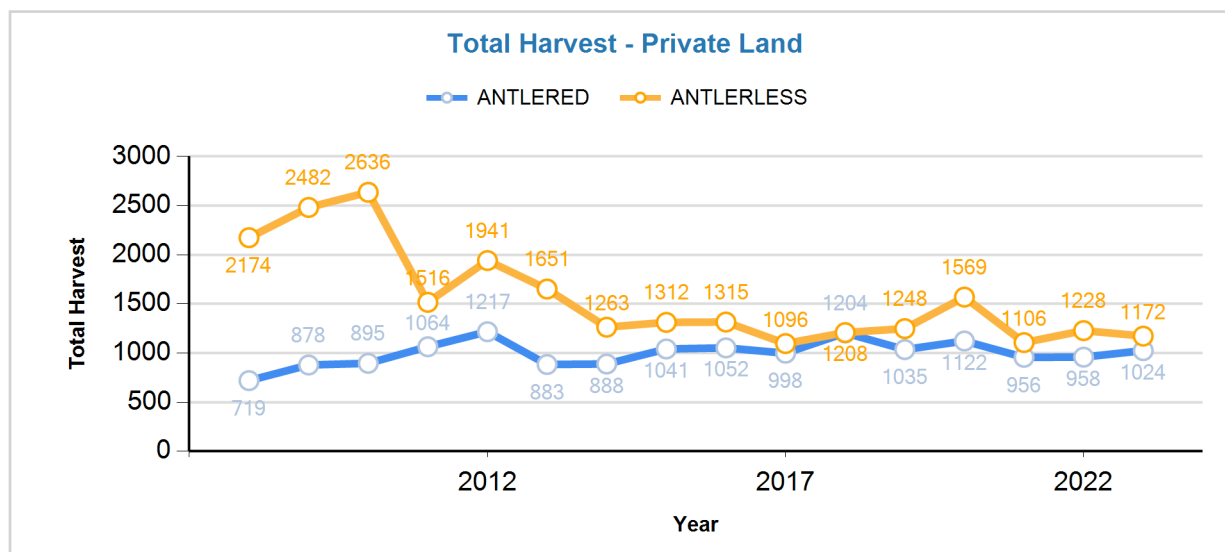
* Tribal and Youth Antlerless data are included in above totals where they apply



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

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	888	1041	1052	998	1204	1035	1122	956	958	1024
Antlerless	1333	1312	1315	1096	1208	1248	1569	1106	1228	1172
Total	2221	2353	2367	2094	2412	2283	2691	2062	2186	2196
Gun										
Antlered	646	731	764	702	898	691	778	648	674	739
Antlerless	1134	1092	1119	923	1020	1021	1286	920	1066	980
Total	1780	1823	1883	1625	1918	1712	2064	1568	1740	1719
Bow										
Antlered	184	215	181	175	186	178	165	135	128	117
Antlerless	156	145	131	110	114	129	143	74	61	93
Total	340	360	312	285	300	307	308	209	189	210
Crossbow										
Antlered	58	95	107	121	120	166	179	173	156	168
Antlerless	43	75	65	63	74	98	140	112	101	99
Total	101	170	172	184	194	264	319	285	257	267
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	113	100	108	77	104	65	72	54

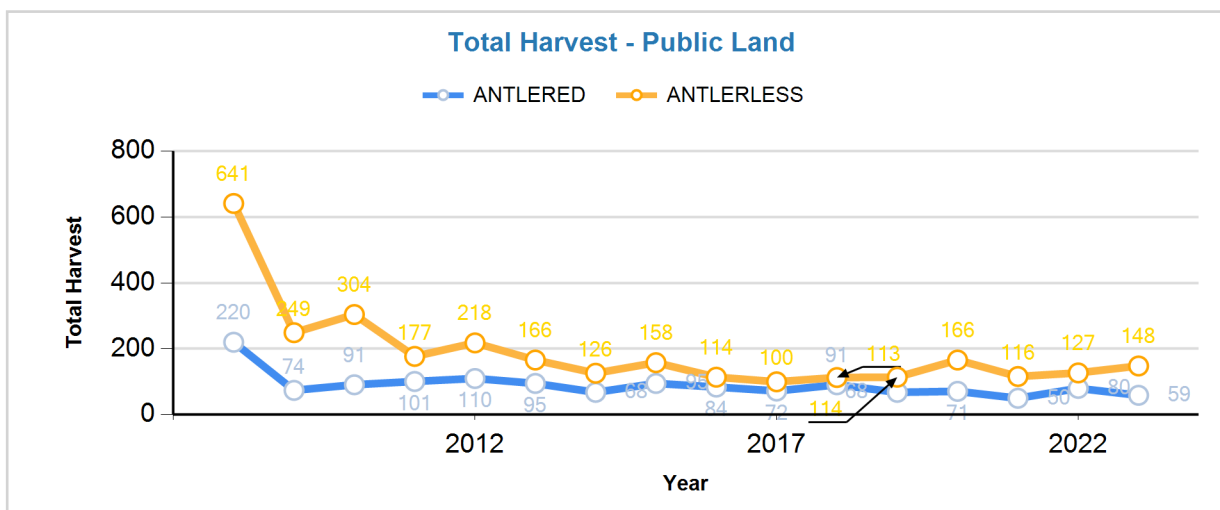
* Tribal and Youth Antlerless data are included in above totals where they apply



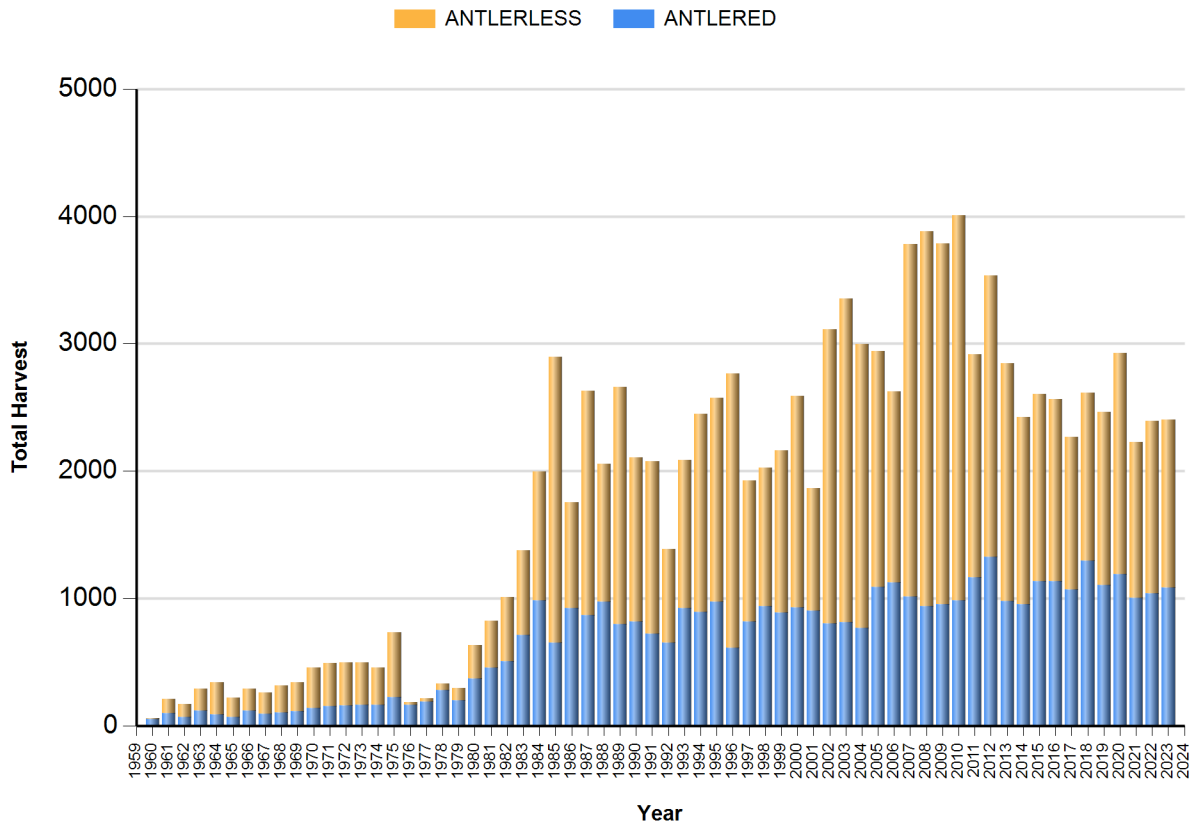
Total Harvest for Lafayette County - Southern Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	68	95	84	72	91	68	71	50	80	59
Antlerless	135	158	114	100	113	114	166	116	127	148
Total	203	253	198	172	204	182	237	166	207	207
Gun										
Antlered	49	83	57	43	69	38	38	31	54	34
Antlerless	117	139	91	77	86	90	132	90	106	136
Total	166	222	148	120	155	128	170	121	160	170
Bow										
Antlered	14	9	19	13	9	13	20	10	13	10
Antlerless	12	17	14	11	13	12	24	10	9	5
Total	26	26	33	24	22	25	44	20	22	15
Crossbow										
Antlered	5	3	8	16	13	17	13	9	13	15
Antlerless	6	2	9	12	14	12	10	16	12	7
Total	11	5	17	28	27	29	23	25	25	22
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	5	2	3	4	1	6	1	0

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



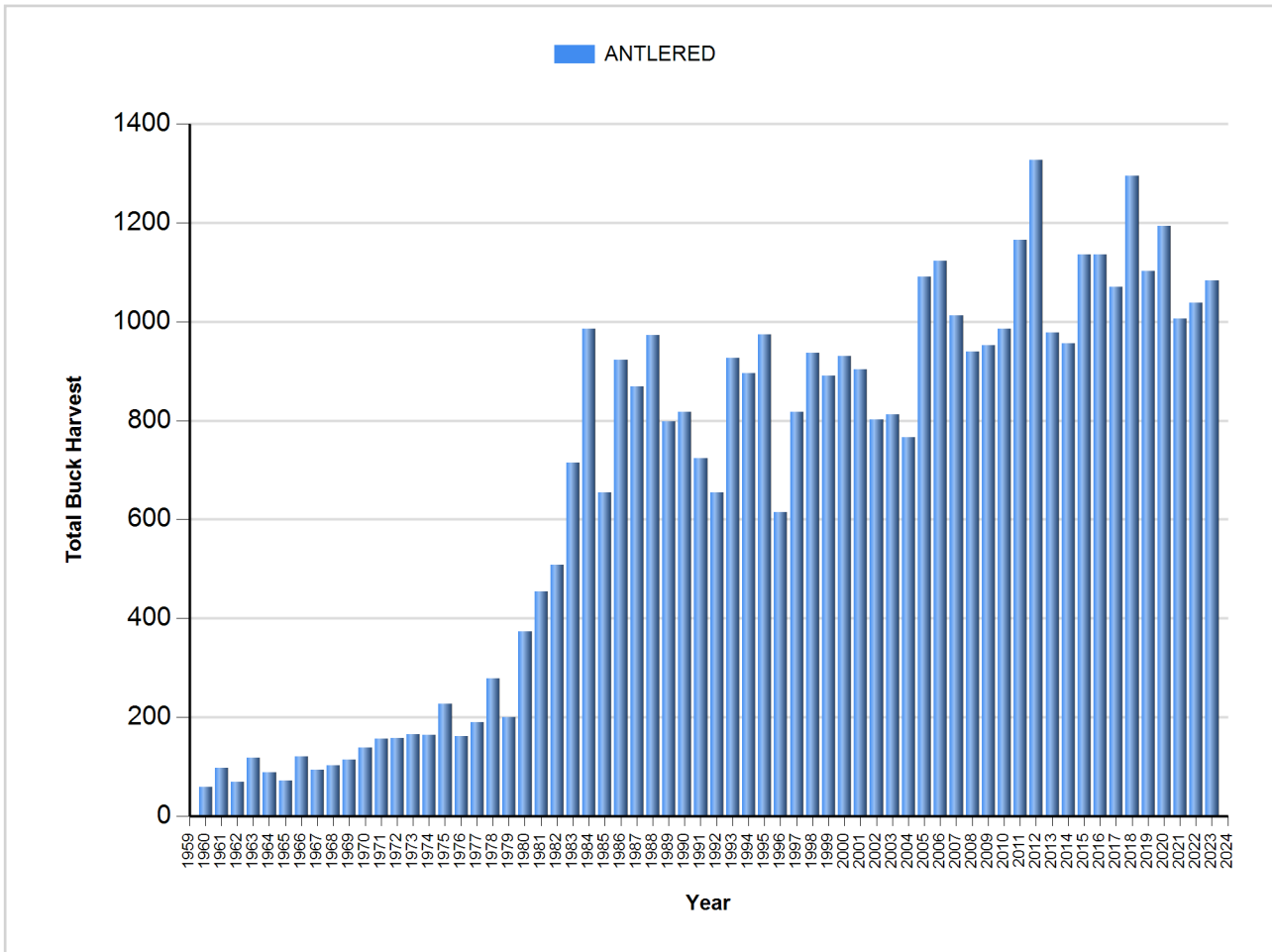
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 2012 - 1,327

Historic Low: 1960 - 59

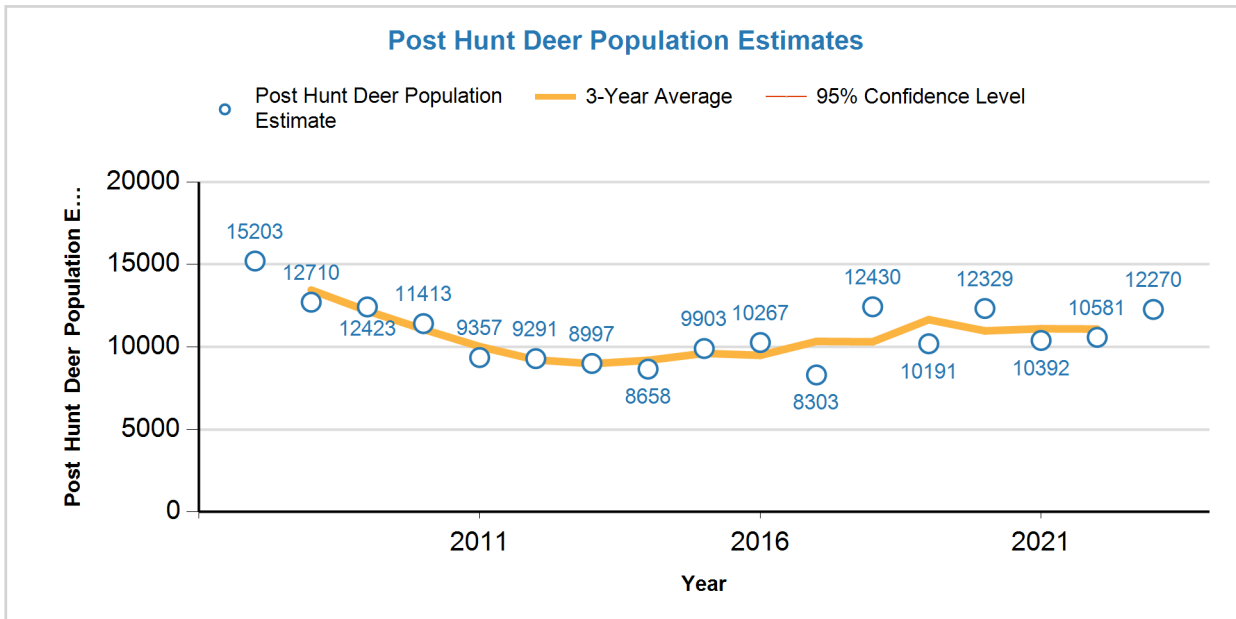


Antlerless Tag Issuance & Success for Lafayette County - Southern Farmland

Year	2020	2021	2022	2023
Farmland - Public				
Issued	1,612	1,520	1,449	2,418
Killed	146	88	104	84
Success Rate (%)	9.1	5.8	7.2	3.5
Farmland - Private				
Issued	10,250	9,710	9,491	14,133
Killed	1,280	899	1,038	1,084
Success Rate (%)	12.5	9.3	10.9	7.7
Farmland - Total				
Issued	11,862	11,230	10,940	16,551
Killed	1,426	987	1,142	1,168
Success Rate (%)	12.0	8.8	10.4	7.1
Bonus- Public				
Available	150	200	250	250
Issued	150	200	169	182
Killed	17	16	22	13
Success Rate (%)	11.3	8.0	13.0	7.1
Bonus- Private				
Available	2,000	2,000	2,000	2,000
Issued	520	460	463	356
Killed	105	88	79	52
Success Rate (%)	20.2	19.1	17.1	14.6
Bonus- Total				
Available	2,150	2,200	2,250	2,250
Issued	670	660	632	538
Killed	122	104	101	65
Success Rate (%)	18.2	15.8	16.0	12.1

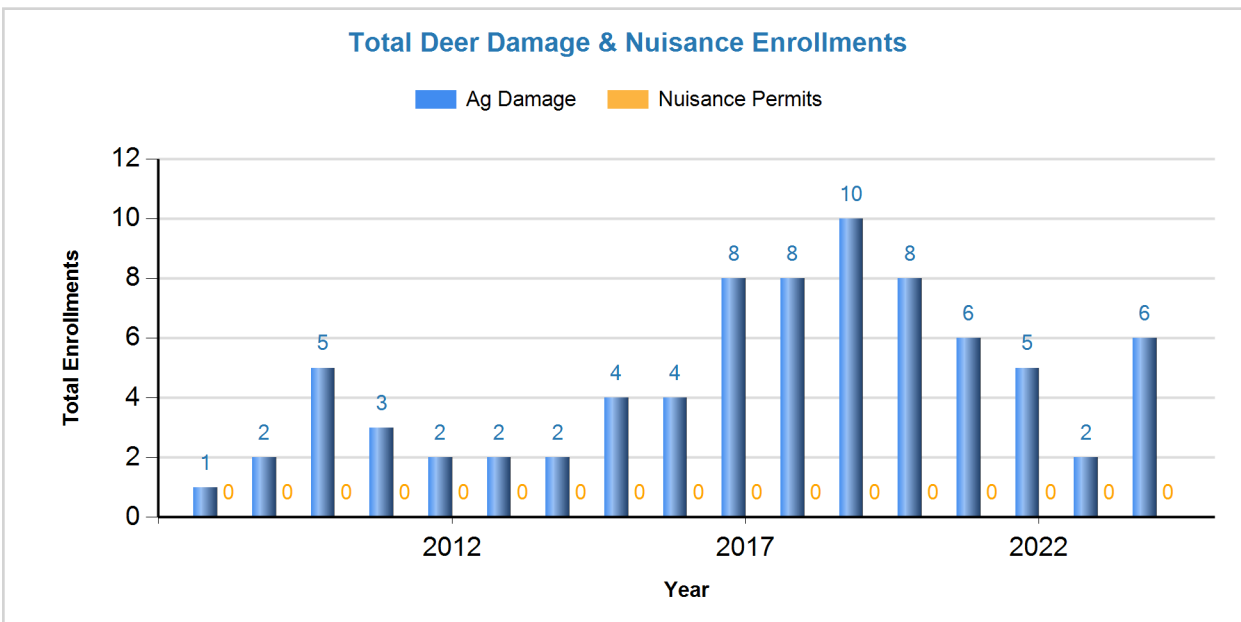
Herd Abundance

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

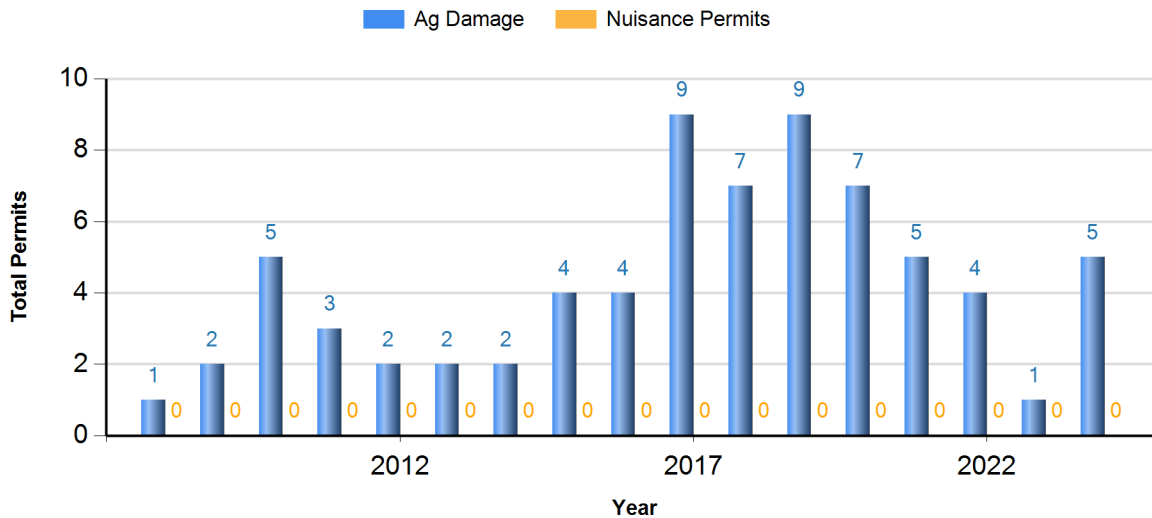


Deer Impacts – Agriculture & Nuisance Impacts

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



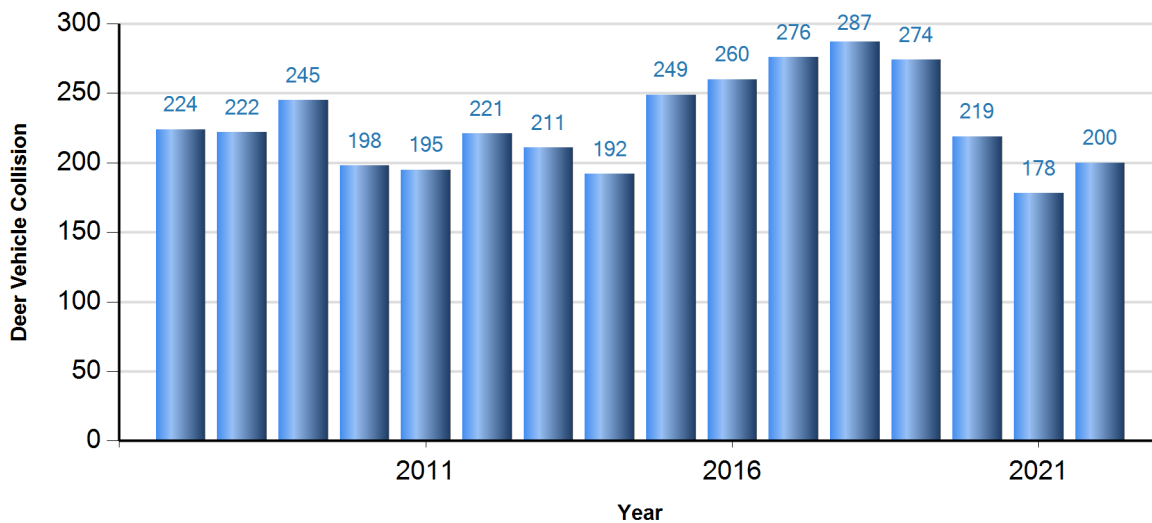
Total Deer Damage & Nuisance Shooting Permits Issued



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

