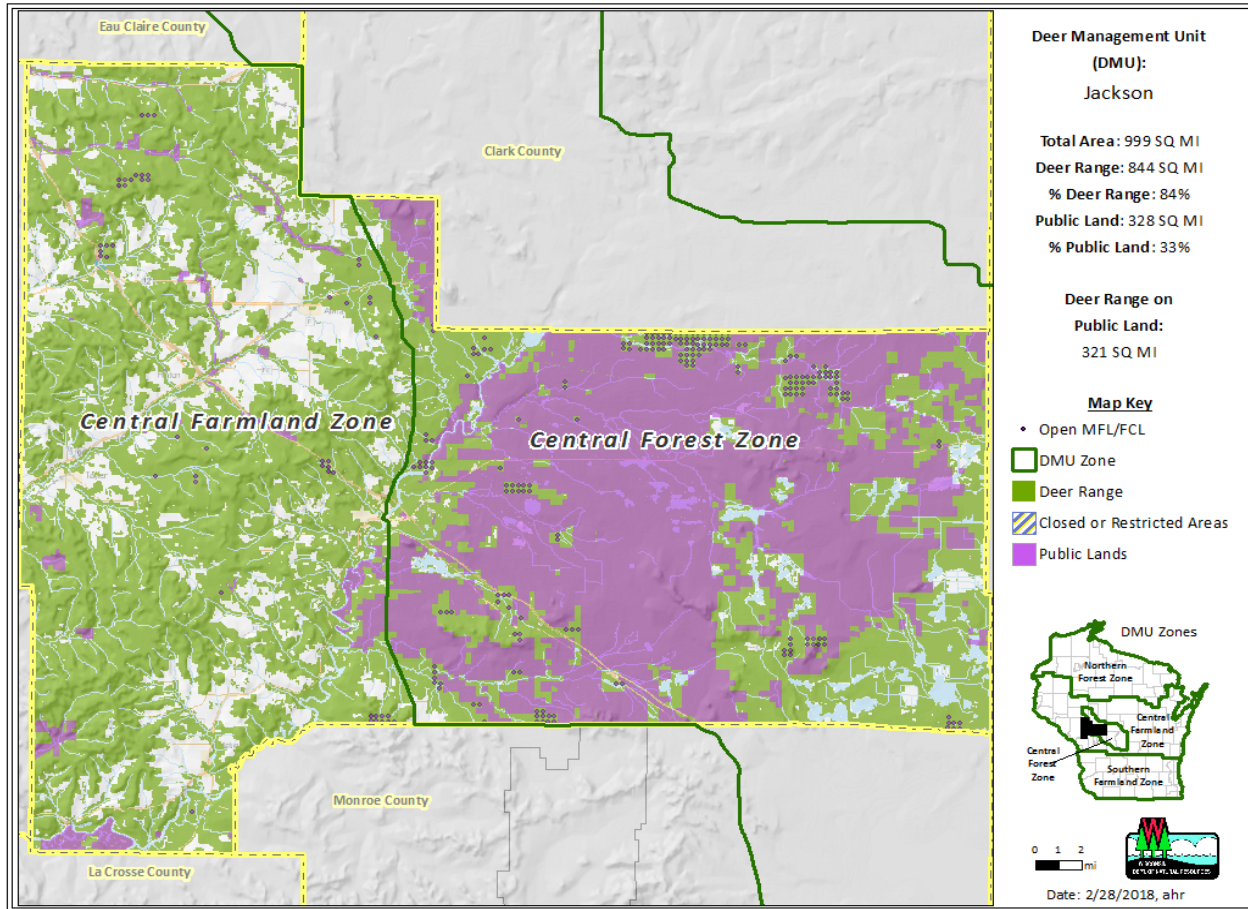


Jackson County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Jackson County Deer Management Unit is split into two management zones with about half of the county in the Central Forest Zone and half in the Central Farmland Zone. State Highway 27 divides the two zones. As a whole, approximately 84 percent of the unit is considered suitable deer range and lies on the transition between the driftless area of western Wisconsin and the central forest region. As a result, habitat types, deer populations, public land availability and deer management strategies vary significantly between the west and east sides of the unit. The Central Farmland Zone terrain of in the western portion of the unit is typical of the driftless area with many valleys and ridge tops in agricultural production and steep, heavily wooded hillsides in-between. This habitat generally supports an abundant deer population and provides ample hunting opportunity on private property. Only four percent of the Central Farmland Zone portion of the unit is in public ownership. Those public properties include the North Bend Bottoms, South Beaver Creek, West Taylor State, and Morgan Marsh State Wildlife Areas as well as several state Fishery Areas open to public hunting. In addition to state-owned properties, hunters can access private land enrolled in either the open Managed Forest Law or Voluntary Public Access programs. The terrain in the Central Forest Zone portion of the unit is generally flat and is primarily forested. In general, this habitat produces fewer deer than the fertile farmland areas but still produces a moderate deer population with great hunting opportunities. Although deer populations are lower on this side of the unit, an abundance of public land open to hunting exists that provides hunters with ample room to spread out. These properties include the Black River State Forest, Jackson County Forest and a portion of the Meadow Valley State Wildlife Area. Combined, these properties offer vast hunting opportunities on over 190,000 acres. Hunting pressure is generally lower on these properties than on the smaller public properties in Central Farmland Zone portion of the unit. The current deer management objectives are to increase the population in the Central Forest Zone and stabilize the population in the Central Farmland Zone portion of the unit.

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 Forest Management Zone

Total Area of Unit (Sq. Miles): 480.50

Deer Range of Unit (Sq. Miles): 451.30

Central Farmland Management Zone

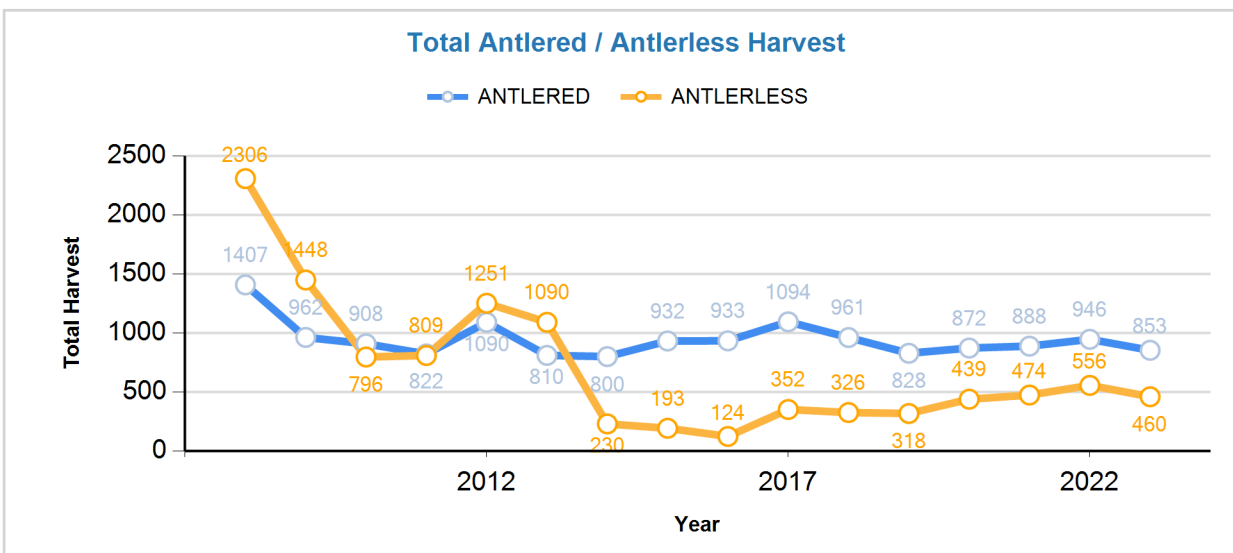
Total Area of Unit (Sq. Miles): 518.80

Deer Range of Unit (Sq. Miles): 392.50

Total Harvest for Jackson County - Central Forest Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	800	932	933	1094	961	828	872	888	946	853
Antlerless	236	193	124	352	326	318	439	474	556	460
Total	1036	1125	1057	1446	1287	1146	1311	1362	1502	1313
Gun										
Antlered	490	622	622	678	601	444	431	476	624	508
Antlerless	195	172	108	245	244	220	302	326	429	335
Total	685	794	730	923	845	664	733	802	1053	843
Bow										
Antlered	210	190	165	219	162	163	179	161	121	127
Antlerless	31	9	8	48	36	39	59	62	43	52
Total	241	199	173	267	198	202	238	223	164	179
Crossbow										
Antlered	100	120	146	197	198	221	262	251	201	218
Antlerless	10	12	8	59	46	59	78	86	84	73
Total	110	132	154	256	244	280	340	337	285	291
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	100	117	107	81	91	79	96	70

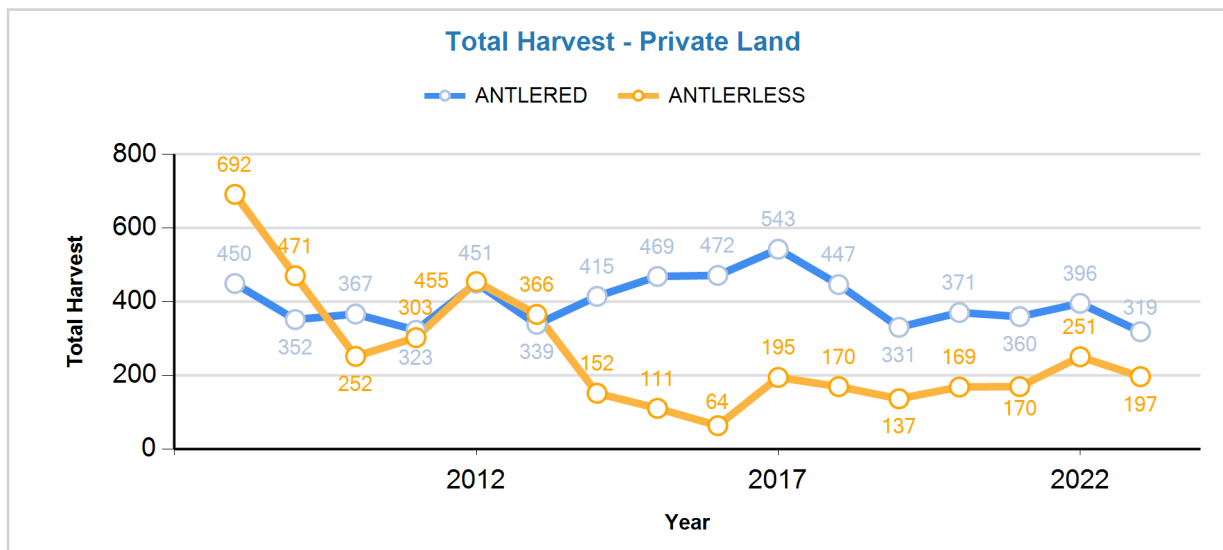
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Jackson County - Central Forest Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	415	469	472	543	447	331	371	360	396	319
Antlerless	156	111	64	195	170	137	169	170	251	197
Total	571	580	536	738	617	468	540	530	647	516
Gun										
Antlered	253	289	287	333	285	177	170	194	248	175
Antlerless	126	103	54	134	119	97	111	111	185	134
Total	379	392	341	467	404	274	281	305	433	309
Bow										
Antlered	97	101	87	100	70	64	62	52	43	40
Antlerless	22	4	3	22	20	14	24	23	19	23
Total	119	105	90	122	90	78	86	75	62	63
Crossbow										
Antlered	65	79	98	110	92	90	139	114	105	104
Antlerless	8	4	7	39	31	26	34	36	47	40
Total	73	83	105	149	123	116	173	150	152	144
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	47	58	50	29	36	23	44	27

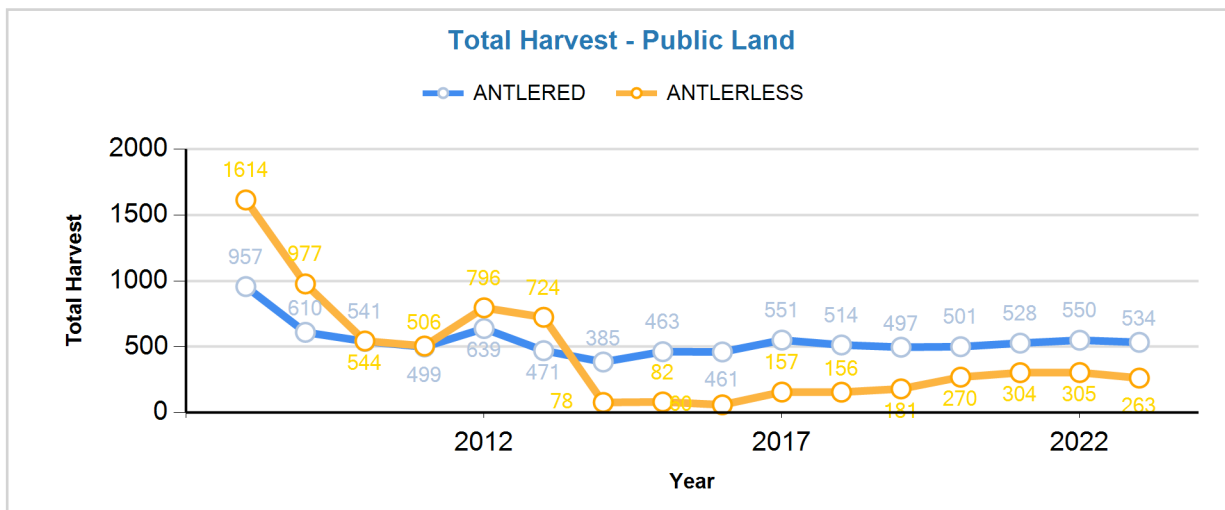
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Jackson County - Central Forest Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	385	463	461	551	514	497	501	528	550	534
Antlerless	80	82	60	157	156	181	270	304	305	263
Total	465	545	521	708	670	678	771	832	855	797
Gun										
Antlered	237	333	335	345	316	267	261	282	376	333
Antlerless	69	69	54	111	125	123	191	215	244	201
Total	306	402	389	456	441	390	452	497	620	534
Bow										
Antlered	113	89	78	119	92	99	117	109	78	87
Antlerless	9	5	5	26	16	25	35	39	24	29
Total	122	94	83	145	108	124	152	148	102	116
Crossbow										
Antlered	35	41	48	87	106	131	123	137	96	114
Antlerless	2	8	1	20	15	33	44	50	37	33
Total	37	49	49	107	121	164	167	187	133	147
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	59	57	52	55	56	52	43

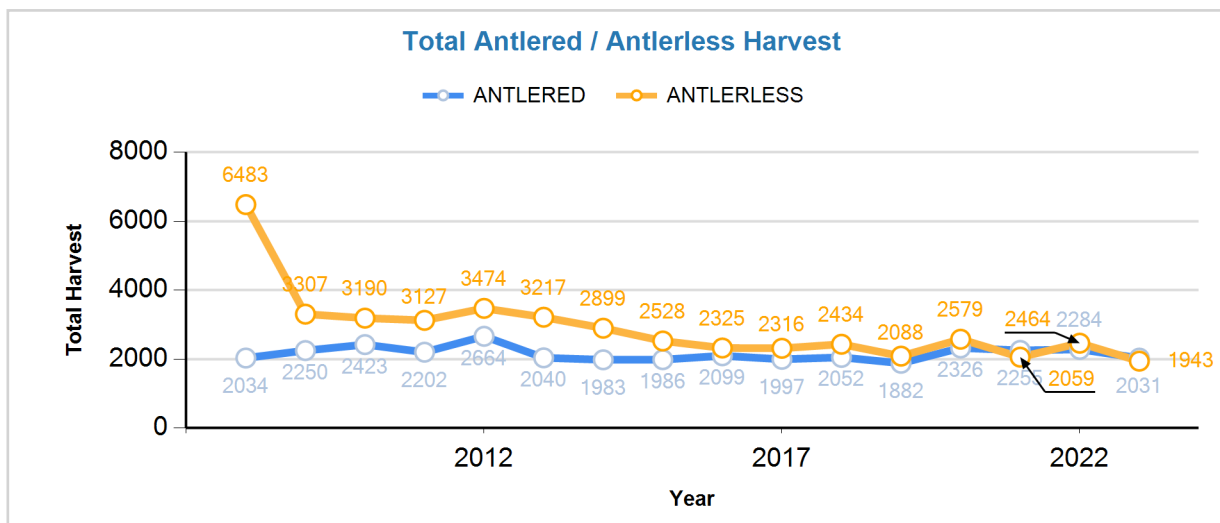
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Jackson County - Central Farmland Management Zone

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	1983	1986	2099	1997	2052	1882	2326	2255	2284	2031
Antlerless	2916	2528	2325	2316	2434	2088	2579	2059	2464	1943
Total	4899	4514	4424	4313	4486	3970	4905	4314	4748	3974
Gun										
Antlered	1306	1304	1420	1305	1415	1123	1391	1316	1539	1233
Antlerless	2229	2006	1808	1754	1919	1539	1828	1533	1929	1513
Total	3535	3310	3228	3059	3334	2662	3219	2849	3468	2746
Bow										
Antlered	466	434	408	375	336	386	430	414	333	374
Antlerless	485	340	312	293	262	238	338	215	211	193
Total	951	774	720	668	598	624	768	629	544	567
Crossbow										
Antlered	211	248	271	317	301	373	505	525	412	424
Antlerless	202	182	205	269	253	311	413	311	324	237
Total	413	430	476	586	554	684	918	836	736	661
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	163	156	145	140	151	141	162	108

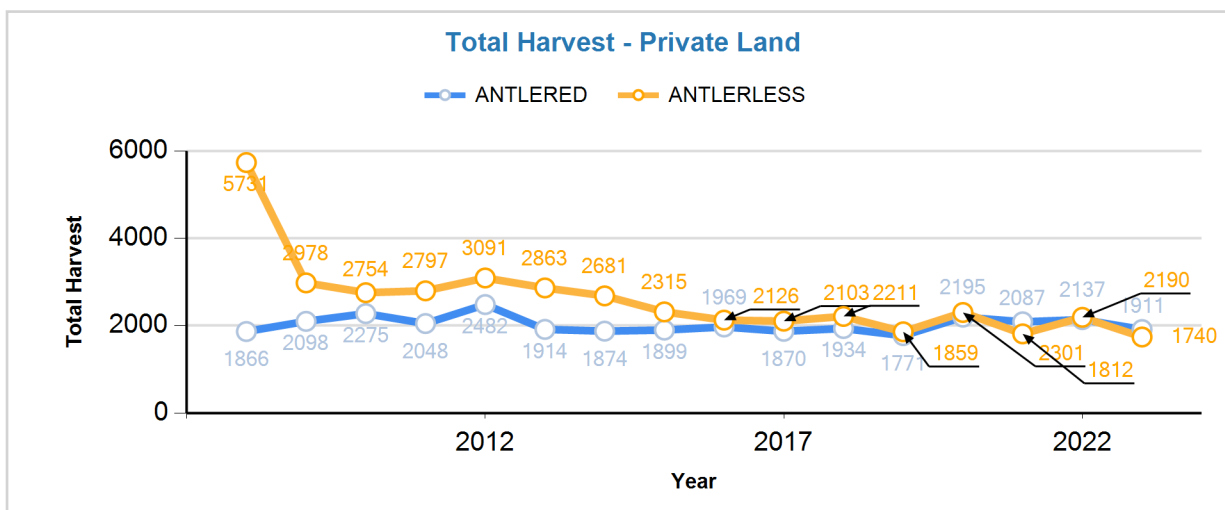
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Jackson County - Central Farmland Management Zone - Private Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	1874	1899	1969	1870	1934	1771	2195	2087	2137	1911
Antlerless	2697	2315	2126	2103	2211	1859	2301	1812	2190	1740
Total	4571	4214	4095	3973	4145	3630	4496	3899	4327	3651
Gun										
Antlered	1242	1250	1335	1224	1352	1069	1319	1232	1450	1180
Antlerless	2086	1844	1655	1594	1760	1383	1661	1374	1719	1373
Total	3328	3094	2990	2818	3112	2452	2980	2606	3169	2553
Bow										
Antlered	433	413	380	351	303	354	395	372	301	333
Antlerless	435	309	288	273	231	203	292	182	184	161
Total	868	722	668	624	534	557	687	554	485	494
Crossbow										
Antlered	199	236	254	295	279	348	481	483	386	398
Antlerless	176	162	183	236	220	273	348	256	287	206
Total	375	398	437	531	499	621	829	739	673	604
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	153	152	139	130	143	128	150	100

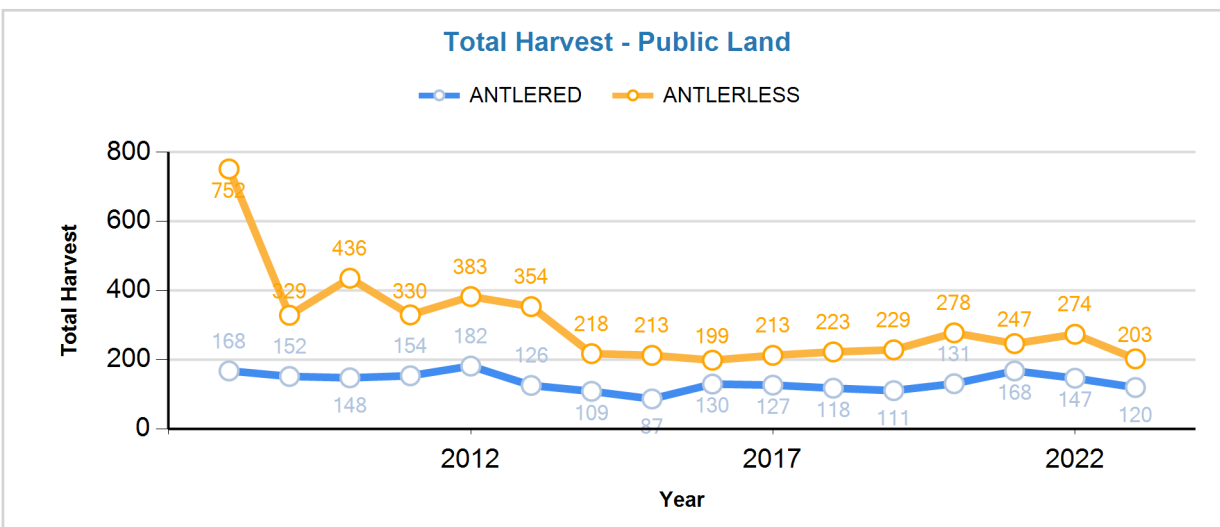
* Tribal and Youth Antlerless data are included in above totals where they apply



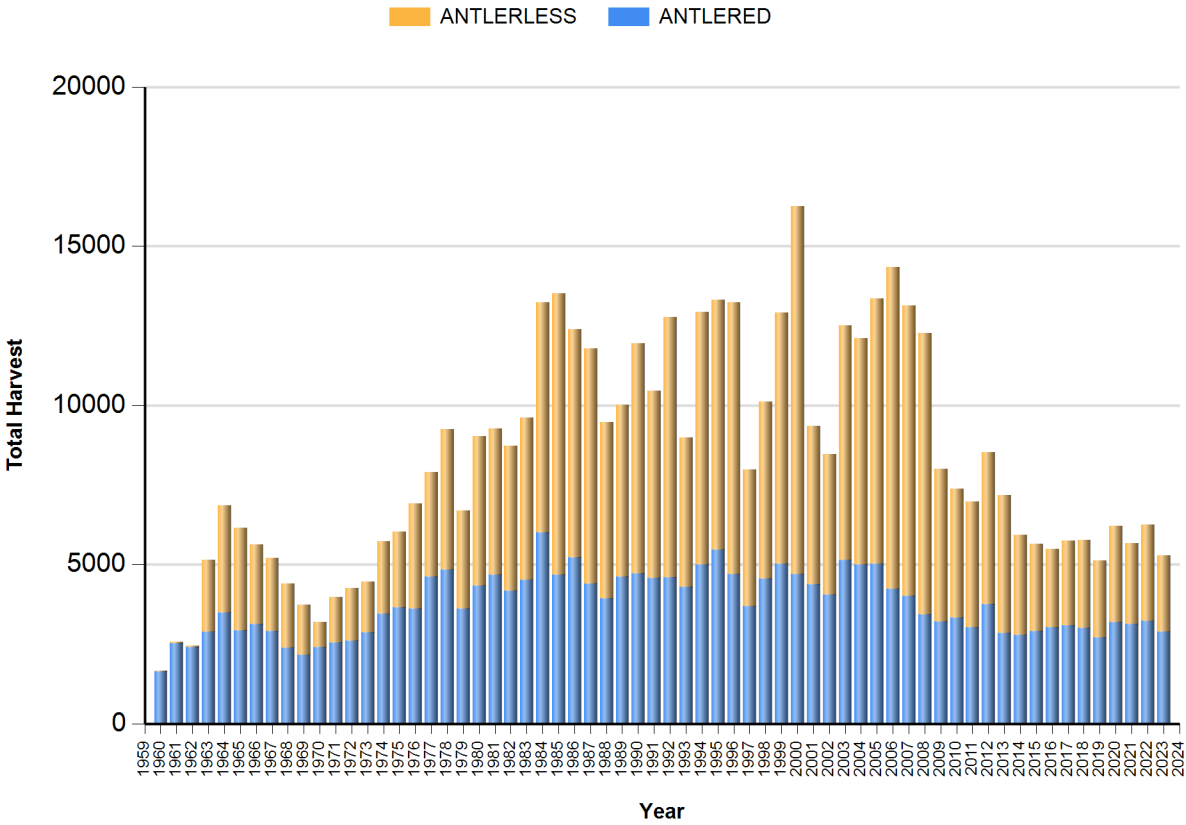
Total Harvest for Jackson County - Central Farmland Management Zone - Public Land

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Harvest										
Antlered	109	87	130	127	118	111	131	168	147	120
Antlerless	219	213	199	213	223	229	278	247	274	203
Total	328	300	329	340	341	340	409	415	421	323
Gun										
Antlered	64	54	85	81	63	54	72	84	89	53
Antlerless	143	162	153	160	159	156	167	159	210	140
Total	207	216	238	241	222	210	239	243	299	193
Bow										
Antlered	33	21	28	24	33	32	35	42	32	41
Antlerless	50	31	24	20	31	35	46	33	27	32
Total	83	52	52	44	64	67	81	75	59	73
Crossbow										
Antlered	12	12	17	22	22	25	24	42	26	26
Antlerless	26	20	22	33	33	38	65	55	37	31
Total	38	32	39	55	55	63	89	97	63	57
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	10	4	6	10	8	13	12	8

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



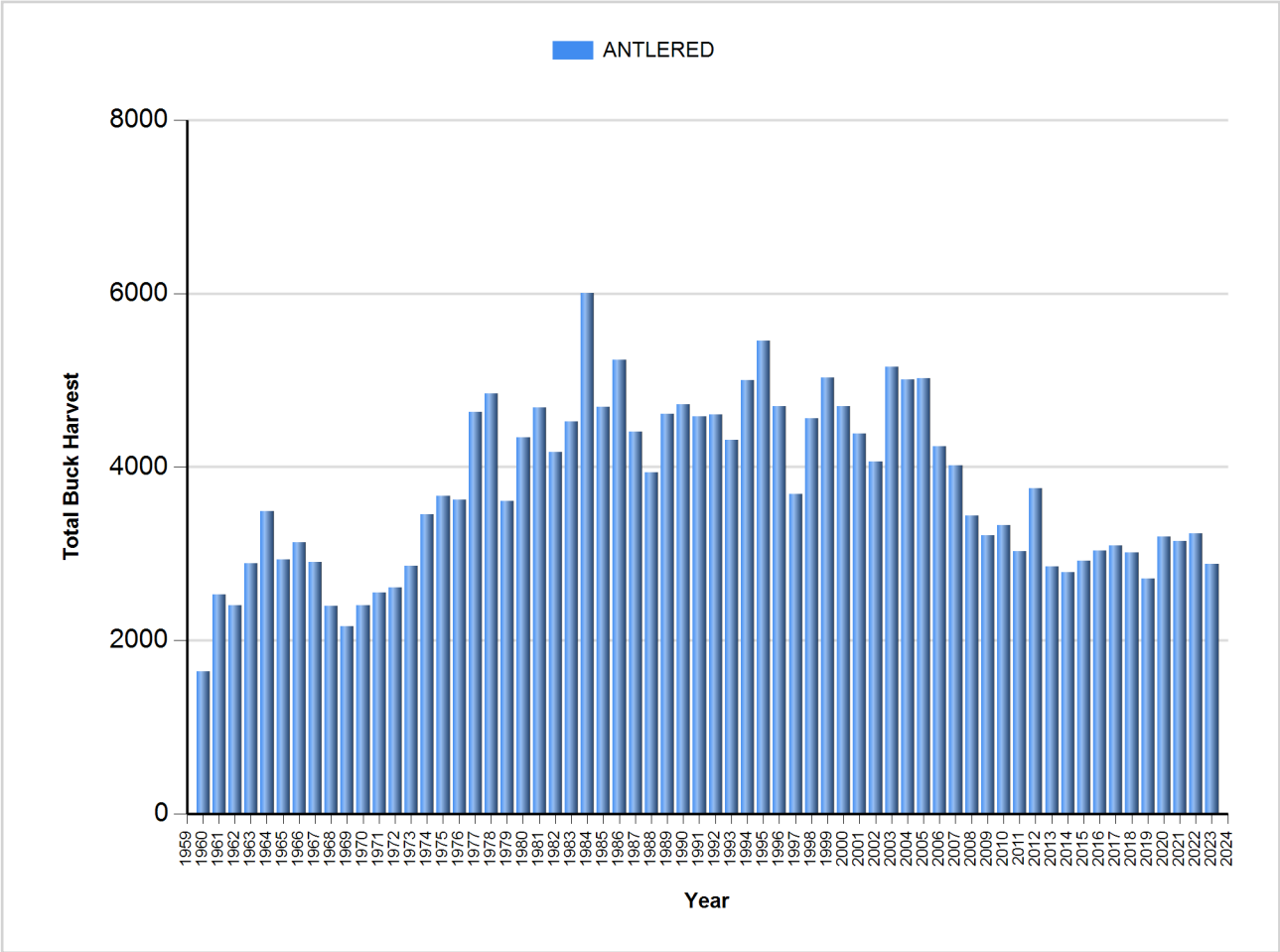
Total Deer Harvest 1960 - Present



Total Buck Harvest 1960 - Present

Historic High: 1984 - 6,008

Historic Low: 1960 - 1,639



Antlerless Tag Issuance & Success for Jackson County - Central Forest

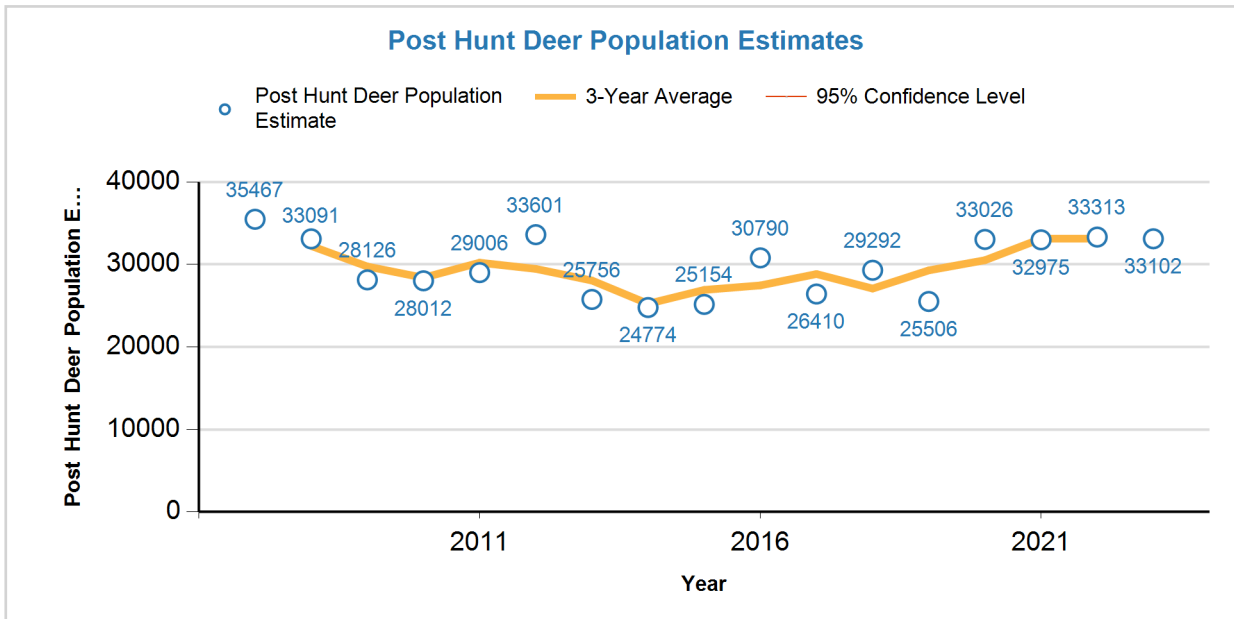
Year	2020	2021	2022	2023
Farmland - Public				
Issued				
Killed				
Success Rate (%)				
Farmland - Private				
Issued				
Killed				
Success Rate (%)				
Farmland - Total				
Issued				
Killed				
Success Rate (%)				
Bonus- Public				
Available	800	1,075	1,080	1,125
Issued	800	1,075	1,079	1,127
Killed	204	240	245	214
Success Rate (%)	25.5	22.3	22.7	19.0
Bonus- Private				
Available	550	700	720	750
Issued	550	700	721	748
Killed	124	142	194	152
Success Rate (%)	22.5	20.3	26.9	20.3
Bonus- Total				
Available	1,350	1,775	1,800	1,875
Issued	1,350	1,775	1,800	1,875
Killed	328	382	439	366
Success Rate (%)	24.3	21.5	24.4	19.5

Antlerless Tag Issuance & Success for Jackson County - Central Farmland

Year	2020	2021	2022	2023
Farmland - Public				
Issued	3,213	3,123	3,144	3,095
Killed	268	223	256	184
Success Rate (%)	8.3	7.1	8.1	5.9
Farmland - Private				
Issued	10,231	9,928	9,745	9,656
Killed	1,627	1,265	1,587	1,283
Success Rate (%)	15.9	12.7	16.3	13.3
Farmland - Total				
Issued	13,444	13,051	12,889	12,751
Killed	1,895	1,488	1,843	1,467
Success Rate (%)	14.1	11.4	14.3	11.5
Bonus- Public				
Available		0		0
Issued	0	0	0	0
Killed	0	6	0	0
Success Rate (%)				
Bonus- Private				
Available	1,650	1,750	2,475	2,475
Issued	1,583	1,466	1,454	1,442
Killed	374	291	367	287
Success Rate (%)	23.6	19.8	25.2	19.9
Bonus- Total				
Available	1,650	1,750	2,475	2,475
Issued	1,583	1,466	1,454	1,442
Killed	374	297	367	287
Success Rate (%)	23.6	19.8	25.2	19.9

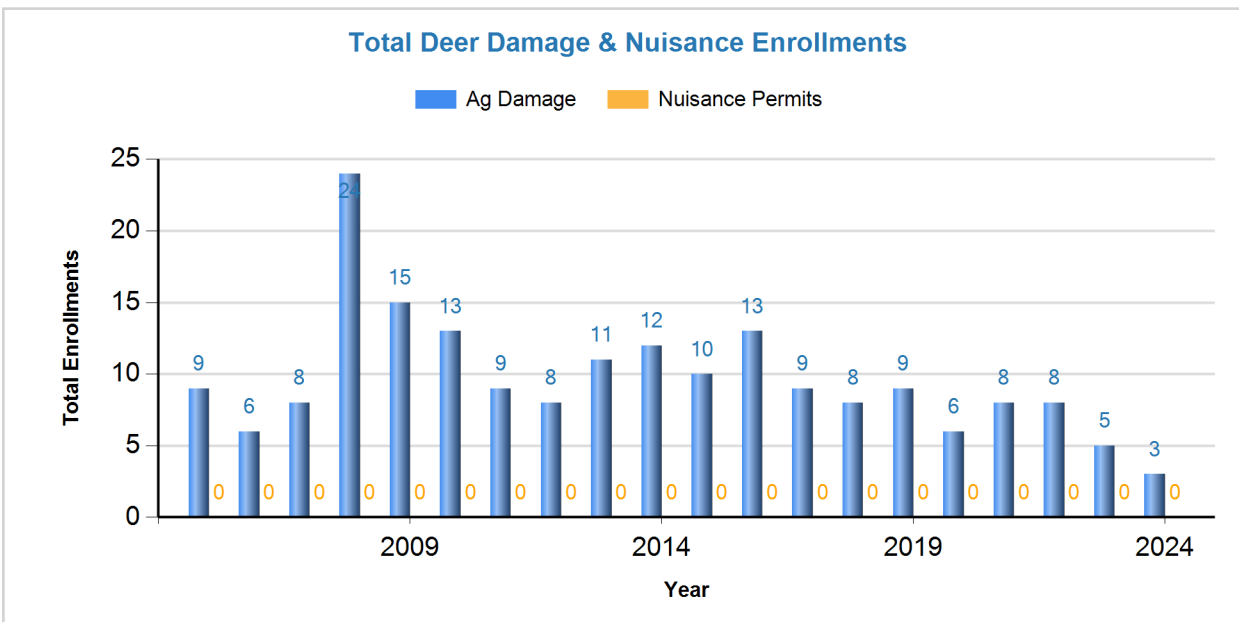
Herd Abundance

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

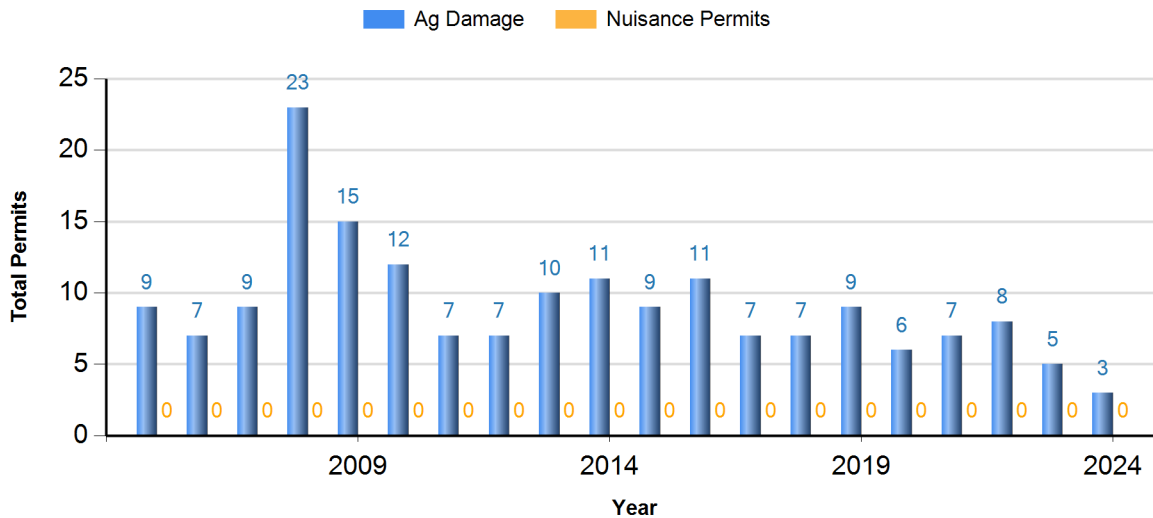


Deer Impacts – Agriculture & Nuisance Impacts

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



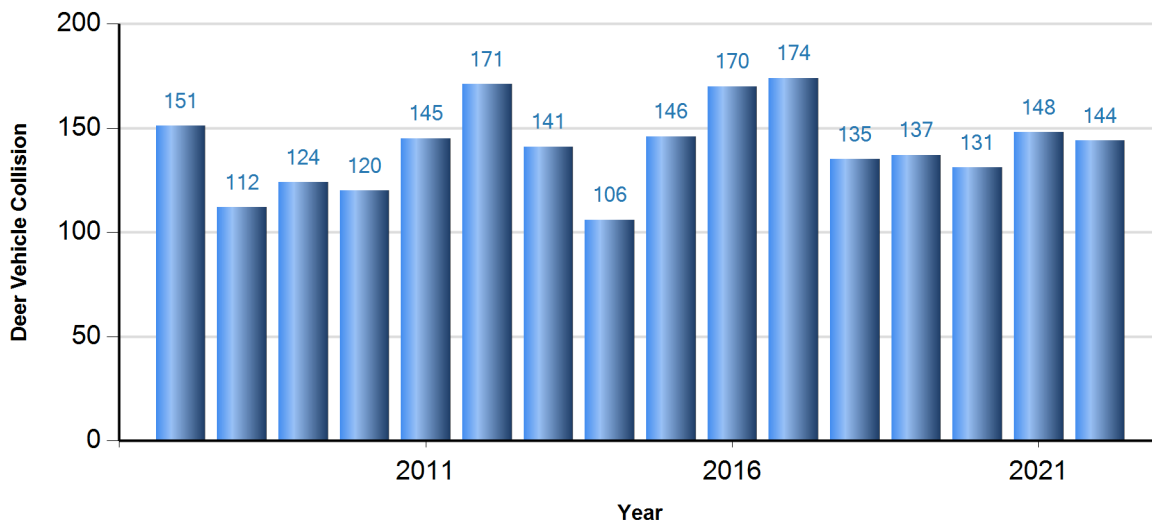
Total Deer Damage & Nuisance Shooting Permits Issued



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

