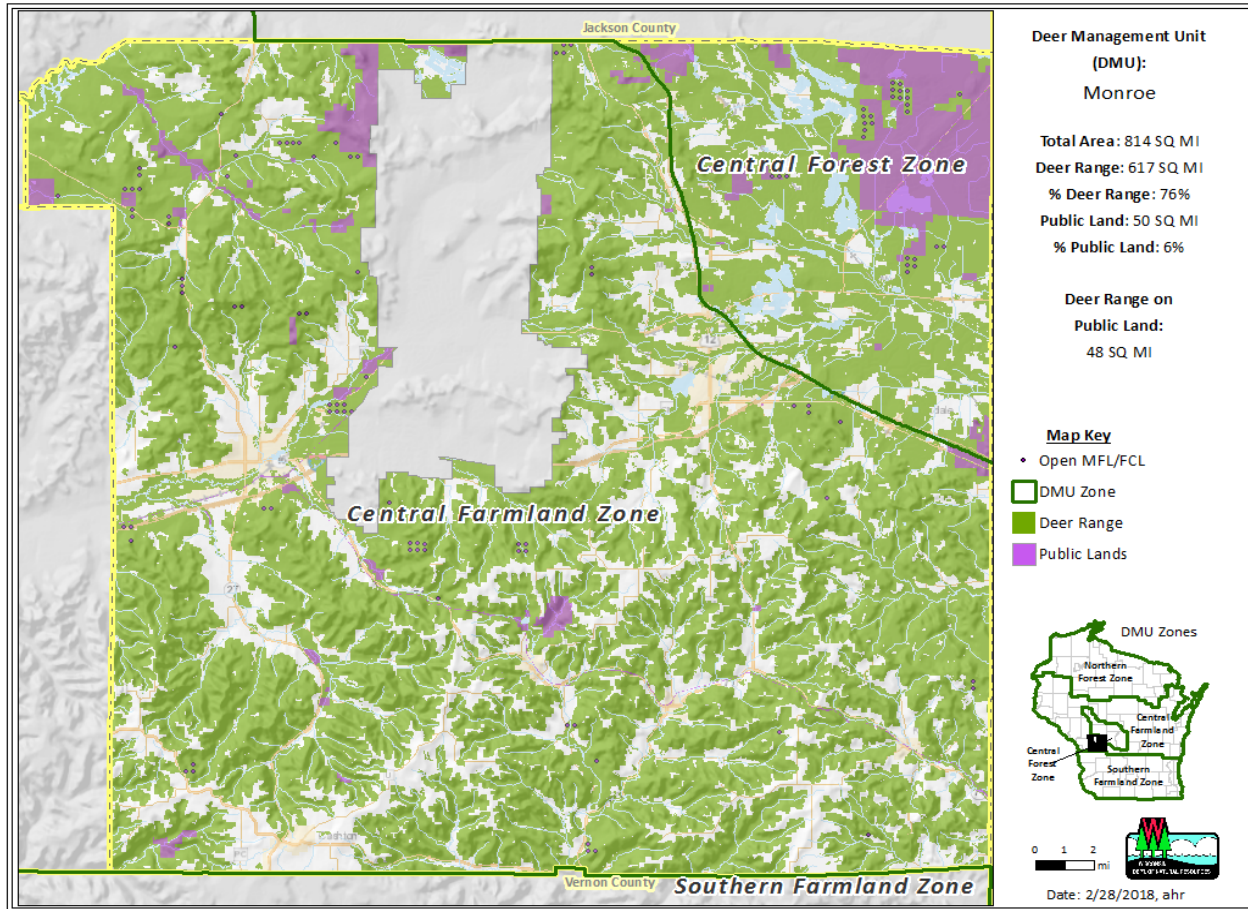


Monroe County Deer Metrics Report

Spring of 2024

Management Unit:



Manager's Note:

The Monroe County Deer Management Unit is divided between both the Central Forest Zone and Central Farmland Zone with Interstate 94 being the boundary line between the two zones. The majority of the unit lies in the Central Farmland Zone with the northeast corner in the Central Forest Zone. Approximately 75 percent of the farmland and 79 percent in Forest zone are considered suitable deer range. Habitats vary from coulees and ridges in the south and west, to sand barrens in the northeast portion of the unit. Deer habitat quality also varies across the unit creating disparity in deer distribution. Traditional agriculture can be found throughout the unit with cranberry farms located in sandy soil areas of the north. Private landownership comprises 85 percent of the land area. Some of the larger state-owned public lands open to deer hunting include Meadow Valley Wildlife Area, Big Creek Fisheries Area and La Crosse River Fisheries Area, with smaller scattered state-owned lands throughout. Fort McCoy is a military base that totals 60,000 acres with about 46,000 acres open to public hunting; for more information please contact their Permit and Sales office at 608-388-3337. Other public lands open to hunting include Monroe County Forest Lands; for more information please contact the Monroe County Forester at 608-269-8635. Hunter densities on opening day of the 9-day gun deer season average about 20 hunters per square mile of deer range. Buck harvest averages 3-4 bucks per square mile of deer range. The current deer management objective is to maintain the population in the Central Forest Zone portion and decrease the population in the Central Farmland Zone portion of the unit. Due to recent CWD positives found in Vernon county and proximity to Monroe county a baiting and feeding ban will be in affect for 2021.

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): 132.10
Deer Range of Unit (Sq. Miles): 104.30

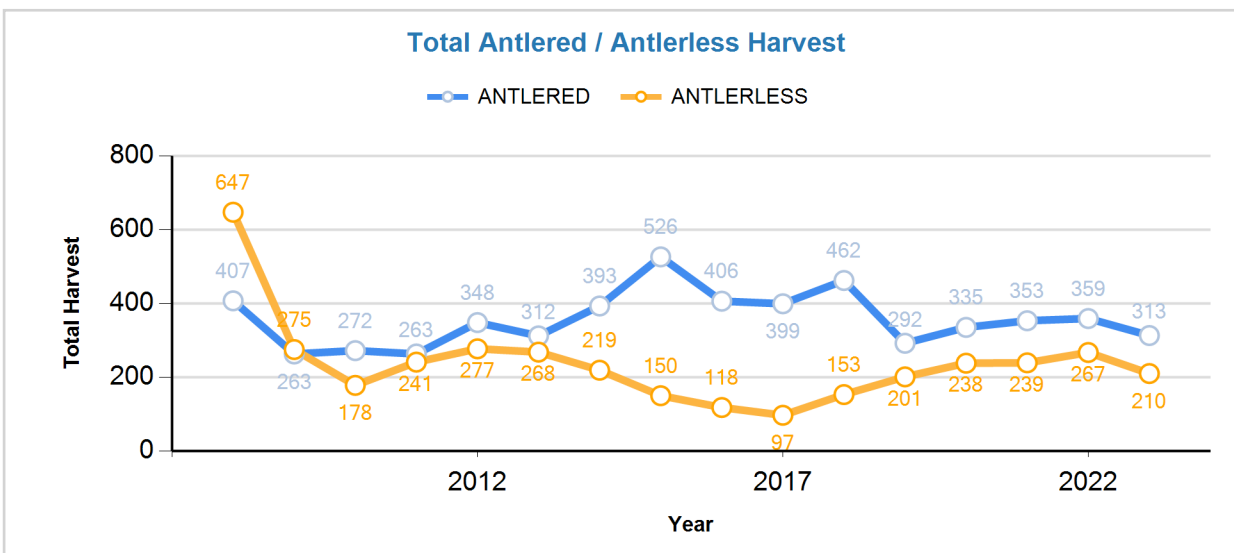
Central Farmland Management Zone

Total Area of Unit (Sq. Miles): 682.30
Deer Range of Unit (Sq. Miles): 512.50

Total Harvest for Monroe County - Central Forest Management Zone

| Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|
| Total Harvest | | | | | | | | | | |
| Antlered | 393 | 526 | 406 | 399 | 462 | 292 | 335 | 353 | 359 | 313 |
| Antlerless | 221 | 150 | 118 | 97 | 153 | 201 | 238 | 239 | 267 | 210 |
| Total | 614 | 676 | 524 | 496 | 615 | 493 | 573 | 592 | 626 | 523 |
| Gun | | | | | | | | | | |
| Antlered | 263 | 364 | 257 | 247 | 322 | 188 | 200 | 219 | 233 | 211 |
| Antlerless | 183 | 118 | 90 | 74 | 125 | 151 | 176 | 173 | 207 | 170 |
| Total | 446 | 482 | 347 | 321 | 447 | 339 | 376 | 392 | 440 | 381 |
| Bow | | | | | | | | | | |
| Antlered | 89 | 100 | 75 | 87 | 69 | 49 | 55 | 61 | 60 | 55 |
| Antlerless | 28 | 19 | 17 | 14 | 11 | 22 | 29 | 15 | 19 | 20 |
| Total | 117 | 119 | 92 | 101 | 80 | 71 | 84 | 76 | 79 | 75 |
| Crossbow | | | | | | | | | | |
| Antlered | 41 | 62 | 74 | 65 | 71 | 55 | 80 | 73 | 66 | 47 |
| Antlerless | 10 | 13 | 11 | 9 | 17 | 28 | 33 | 51 | 41 | 20 |
| Total | 51 | 75 | 85 | 74 | 88 | 83 | 113 | 124 | 107 | 67 |
| 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 | 40 | 41 | 49 | 33 | 37 | 27 | 20 | 12 |

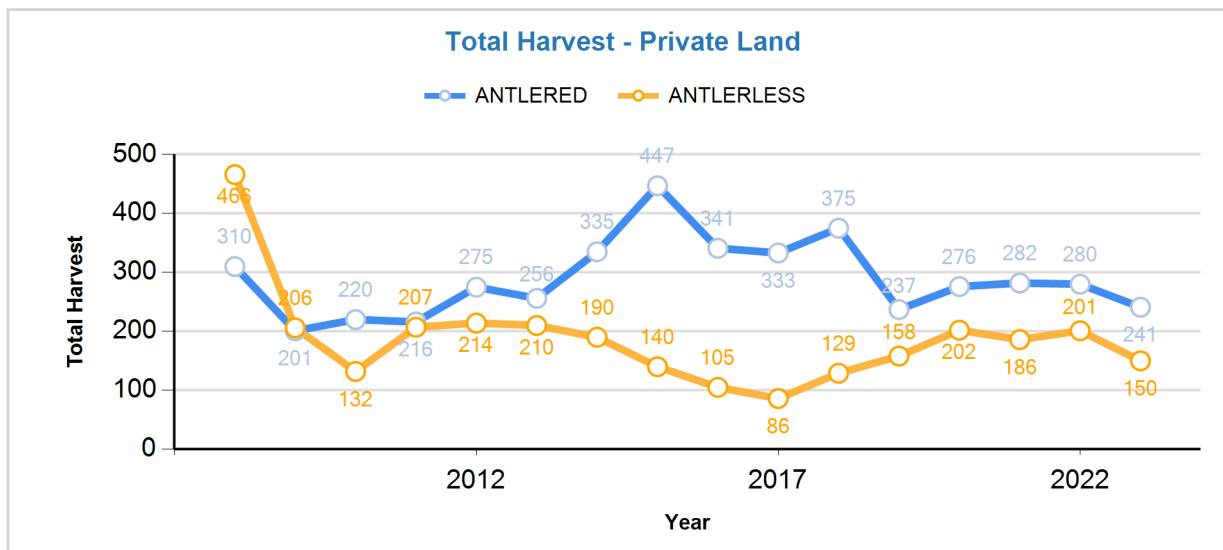
* Tribal and Youth Antlerless data are included in above totals where they apply



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

| Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|
| Total Harvest | | | | | | | | | | |
| Antlered | 335 | 447 | 341 | 333 | 375 | 237 | 276 | 282 | 280 | 241 |
| Antlerless | 192 | 140 | 105 | 86 | 129 | 158 | 202 | 186 | 201 | 150 |
| Total | 527 | 587 | 446 | 419 | 504 | 395 | 478 | 468 | 481 | 391 |
| Gun | | | | | | | | | | |
| Antlered | 221 | 304 | 219 | 209 | 265 | 153 | 172 | 182 | 184 | 168 |
| Antlerless | 159 | 111 | 80 | 66 | 104 | 120 | 153 | 142 | 162 | 127 |
| Total | 380 | 415 | 299 | 275 | 369 | 273 | 325 | 324 | 346 | 295 |
| Bow | | | | | | | | | | |
| Antlered | 80 | 87 | 58 | 70 | 56 | 34 | 40 | 43 | 44 | 34 |
| Antlerless | 23 | 17 | 15 | 11 | 10 | 15 | 19 | 11 | 10 | 12 |
| Total | 103 | 104 | 73 | 81 | 66 | 49 | 59 | 54 | 54 | 46 |
| Crossbow | | | | | | | | | | |
| Antlered | 34 | 56 | 64 | 54 | 54 | 50 | 64 | 57 | 52 | 39 |
| Antlerless | 10 | 12 | 10 | 9 | 15 | 23 | 30 | 33 | 29 | 11 |
| Total | 44 | 68 | 74 | 63 | 69 | 73 | 94 | 90 | 81 | 50 |
| 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 | 34 | 33 | 44 | 27 | 30 | 24 | 17 | 12 |

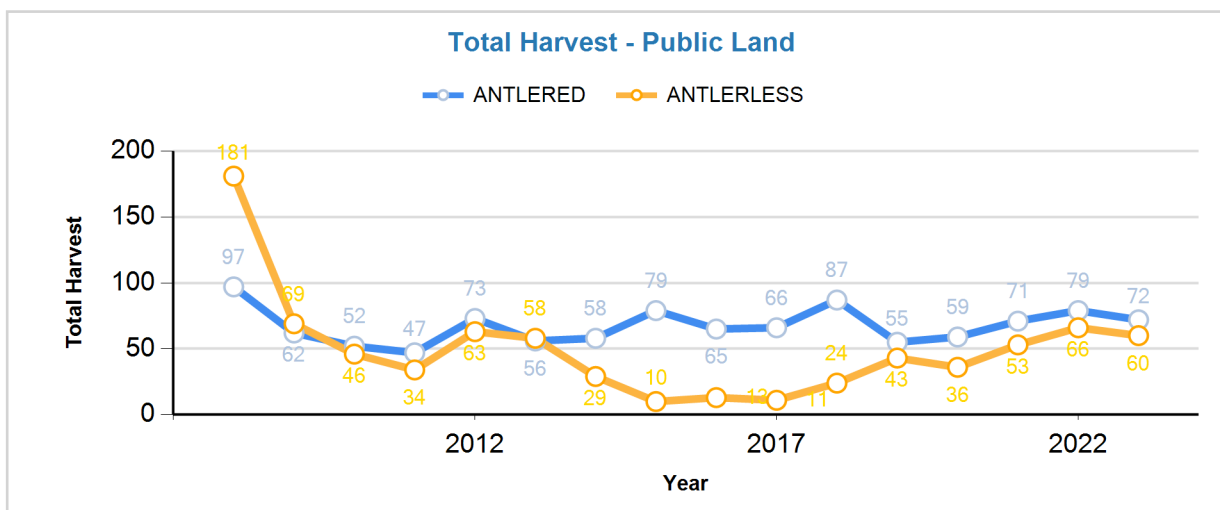
* Tribal and Youth Antlerless data are included in above totals where they apply



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

| Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|
| Total Harvest | | | | | | | | | | |
| Antlered | 58 | 79 | 65 | 66 | 87 | 55 | 59 | 71 | 79 | 72 |
| Antlerless | 29 | 10 | 13 | 11 | 24 | 43 | 36 | 53 | 66 | 60 |
| Total | 87 | 89 | 78 | 77 | 111 | 98 | 95 | 124 | 145 | 132 |
| Gun | | | | | | | | | | |
| Antlered | 42 | 60 | 38 | 38 | 57 | 35 | 28 | 37 | 49 | 43 |
| Antlerless | 24 | 7 | 10 | 8 | 21 | 31 | 23 | 31 | 45 | 43 |
| Total | 66 | 67 | 48 | 46 | 78 | 66 | 51 | 68 | 94 | 86 |
| Bow | | | | | | | | | | |
| Antlered | 9 | 13 | 17 | 17 | 13 | 15 | 15 | 18 | 16 | 21 |
| Antlerless | 5 | 2 | 2 | 3 | 1 | 7 | 10 | 4 | 9 | 8 |
| Total | 14 | 15 | 19 | 20 | 14 | 22 | 25 | 22 | 25 | 29 |
| Crossbow | | | | | | | | | | |
| Antlered | 7 | 6 | 10 | 11 | 17 | 5 | 16 | 16 | 14 | 8 |
| Antlerless | 0 | 1 | 1 | 0 | 2 | 5 | 3 | 18 | 12 | 9 |
| Total | 7 | 7 | 11 | 11 | 19 | 10 | 19 | 34 | 26 | 17 |
| 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 | 6 | 8 | 5 | 6 | 7 | 3 | 3 | 0 |

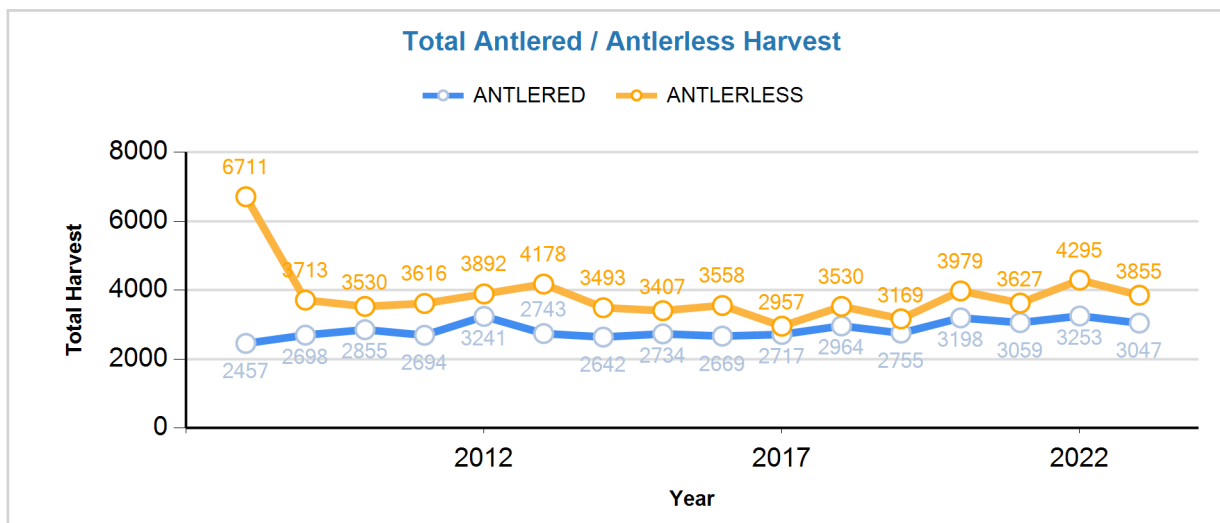
* Tribal and Youth Antlerless data are included in above totals where they apply



Total Harvest for Monroe County - Central Farmland Management Zone

| Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|
| Total Harvest | | | | | | | | | | |
| Antlered | 2642 | 2734 | 2669 | 2717 | 2964 | 2755 | 3198 | 3059 | 3253 | 3047 |
| Antlerless | 3512 | 3407 | 3558 | 2957 | 3530 | 3169 | 3979 | 3627 | 4295 | 3855 |
| Total | 6154 | 6141 | 6227 | 5674 | 6494 | 5924 | 7177 | 6686 | 7548 | 6902 |
| Gun | | | | | | | | | | |
| Antlered | 1910 | 1942 | 1891 | 1876 | 2176 | 1766 | 2057 | 1933 | 2305 | 1950 |
| Antlerless | 2866 | 2734 | 2832 | 2349 | 2849 | 2509 | 3109 | 2889 | 3499 | 3088 |
| Total | 4776 | 4676 | 4723 | 4225 | 5025 | 4275 | 5166 | 4822 | 5804 | 5038 |
| Bow | | | | | | | | | | |
| Antlered | 521 | 517 | 462 | 486 | 415 | 530 | 576 | 526 | 427 | 529 |
| Antlerless | 470 | 468 | 446 | 358 | 398 | 353 | 430 | 364 | 361 | 395 |
| Total | 991 | 985 | 908 | 844 | 813 | 883 | 1006 | 890 | 788 | 924 |
| Crossbow | | | | | | | | | | |
| Antlered | 211 | 275 | 316 | 355 | 373 | 459 | 565 | 600 | 521 | 568 |
| Antlerless | 176 | 205 | 280 | 250 | 283 | 307 | 440 | 374 | 435 | 372 |
| Total | 387 | 480 | 596 | 605 | 656 | 766 | 1005 | 974 | 956 | 940 |
| 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 | 266 | 225 | 283 | 195 | 223 | 168 | 177 | 151 |

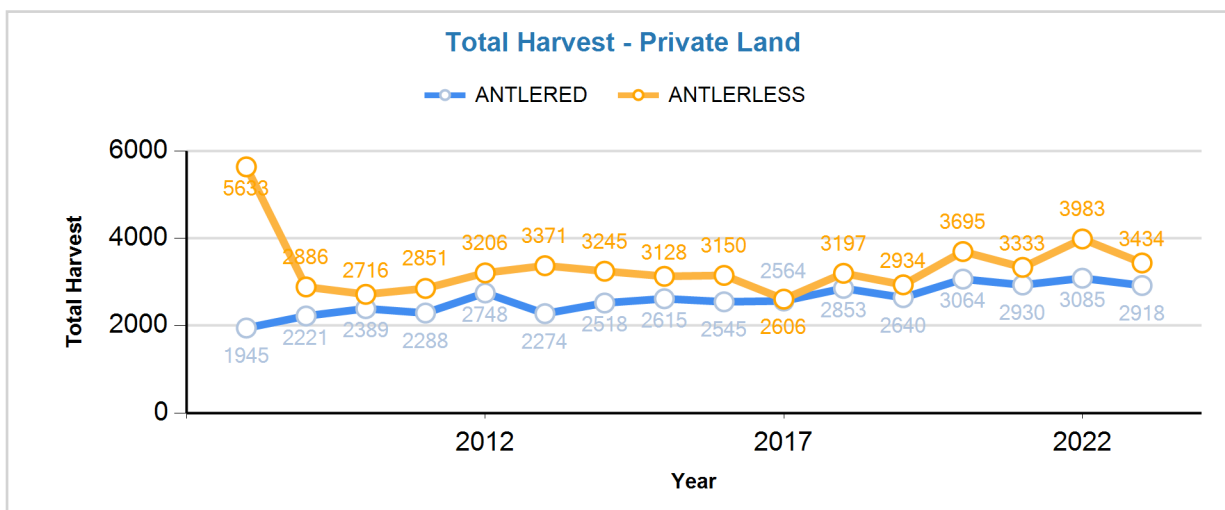
* Tribal and Youth Antlerless data are included in above totals where they apply



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

| Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|
| Total Harvest | | | | | | | | | | |
| Antlered | 2518 | 2615 | 2545 | 2564 | 2853 | 2640 | 3064 | 2930 | 3085 | 2918 |
| Antlerless | 3263 | 3128 | 3150 | 2606 | 3197 | 2934 | 3695 | 3333 | 3983 | 3434 |
| Total | 5781 | 5743 | 5695 | 5170 | 6050 | 5574 | 6759 | 6263 | 7068 | 6352 |
| Gun | | | | | | | | | | |
| Antlered | 1833 | 1866 | 1809 | 1788 | 2101 | 1708 | 1971 | 1860 | 2196 | 1878 |
| Antlerless | 2667 | 2539 | 2527 | 2087 | 2617 | 2340 | 2910 | 2687 | 3259 | 2733 |
| Total | 4500 | 4405 | 4336 | 3875 | 4718 | 4048 | 4881 | 4547 | 5455 | 4611 |
| Bow | | | | | | | | | | |
| Antlered | 486 | 492 | 439 | 444 | 393 | 507 | 550 | 498 | 394 | 498 |
| Antlerless | 433 | 404 | 381 | 302 | 342 | 315 | 391 | 315 | 327 | 361 |
| Total | 919 | 896 | 820 | 746 | 735 | 822 | 941 | 813 | 721 | 859 |
| Crossbow | | | | | | | | | | |
| Antlered | 199 | 257 | 297 | 332 | 359 | 425 | 543 | 572 | 495 | 542 |
| Antlerless | 163 | 185 | 242 | 217 | 238 | 279 | 394 | 331 | 397 | 340 |
| Total | 362 | 442 | 539 | 549 | 597 | 704 | 937 | 903 | 892 | 882 |
| 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 | 249 | 210 | 276 | 190 | 217 | 162 | 167 | 146 |

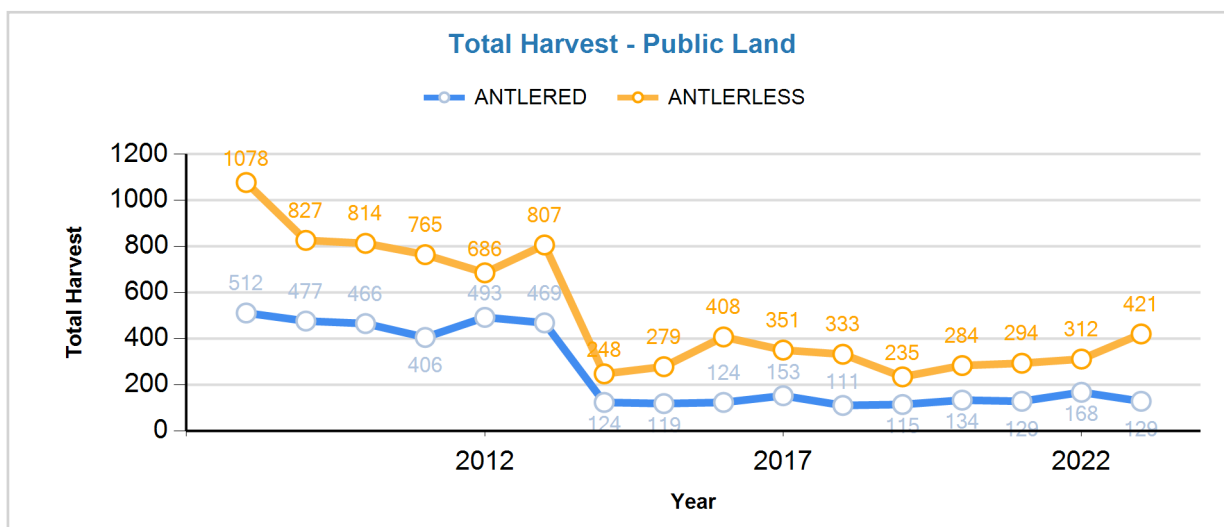
* Tribal and Youth Antlerless data are included in above totals where they apply

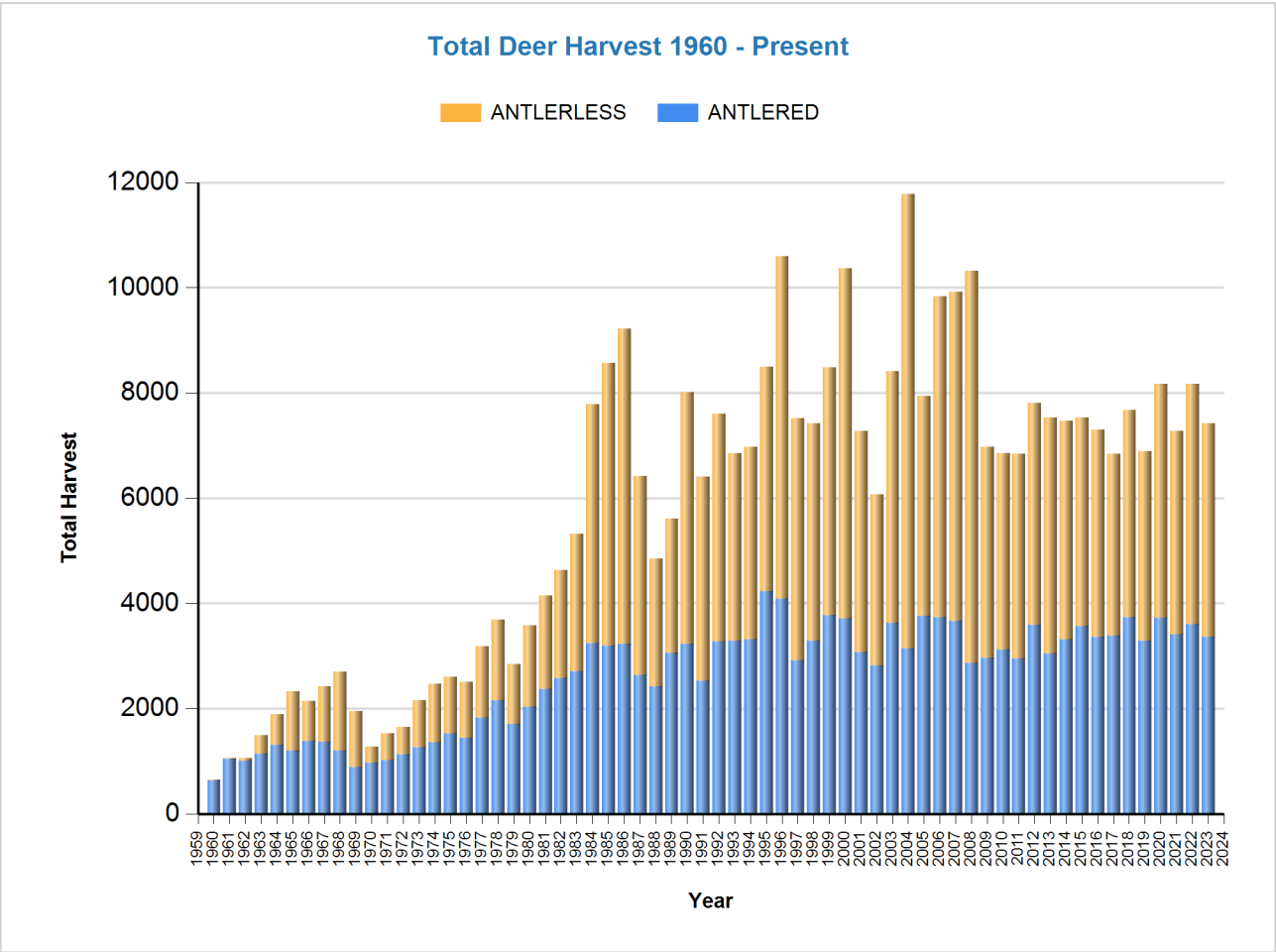


Total Harvest for Monroe County - Central Farmland Management Zone - Public Land

| Year | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|--------------------------|------|------|------|------|------|------|------|------|------|------|
| Total Harvest | | | | | | | | | | |
| Antlered | 124 | 119 | 124 | 153 | 111 | 115 | 134 | 129 | 168 | 129 |
| Antlerless | 249 | 279 | 408 | 351 | 333 | 235 | 284 | 294 | 312 | 421 |
| Total | 373 | 398 | 532 | 504 | 444 | 350 | 418 | 423 | 480 | 550 |
| Gun | | | | | | | | | | |
| Antlered | 77 | 76 | 82 | 88 | 75 | 58 | 86 | 73 | 109 | 72 |
| Antlerless | 199 | 195 | 305 | 262 | 232 | 169 | 199 | 202 | 240 | 355 |
| Total | 276 | 271 | 387 | 350 | 307 | 227 | 285 | 275 | 349 | 427 |
| Bow | | | | | | | | | | |
| Antlered | 35 | 25 | 23 | 42 | 22 | 23 | 26 | 28 | 33 | 31 |
| Antlerless | 37 | 64 | 65 | 56 | 56 | 38 | 39 | 49 | 34 | 34 |
| Total | 72 | 89 | 88 | 98 | 78 | 61 | 65 | 77 | 67 | 65 |
| Crossbow | | | | | | | | | | |
| Antlered | 12 | 18 | 19 | 23 | 14 | 34 | 22 | 28 | 26 | 26 |
| Antlerless | 13 | 20 | 38 | 33 | 45 | 28 | 46 | 43 | 38 | 32 |
| Total | 25 | 38 | 57 | 56 | 59 | 62 | 68 | 71 | 64 | 58 |
| 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 | 17 | 15 | 7 | 5 | 6 | 6 | 10 | 5 |

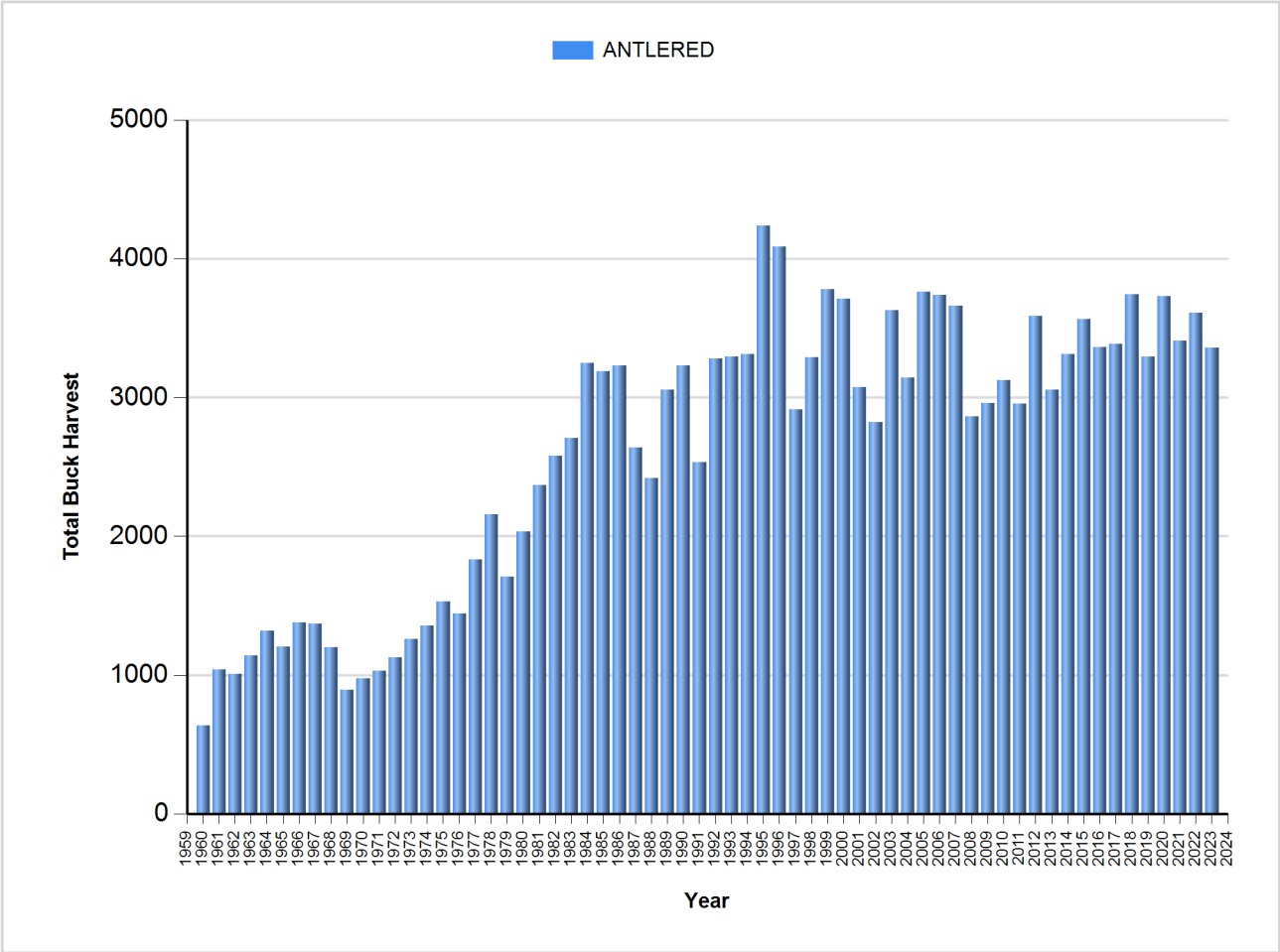
* Tribal and Youth Antlerless data are included in above totals where they apply





Total Buck Harvest 1960 - Present

Historic High: 1995 - 4,239
Historic Low: 1960 - 634



Antlerless Tag Issuance & Success for Monroe County - Central Forest

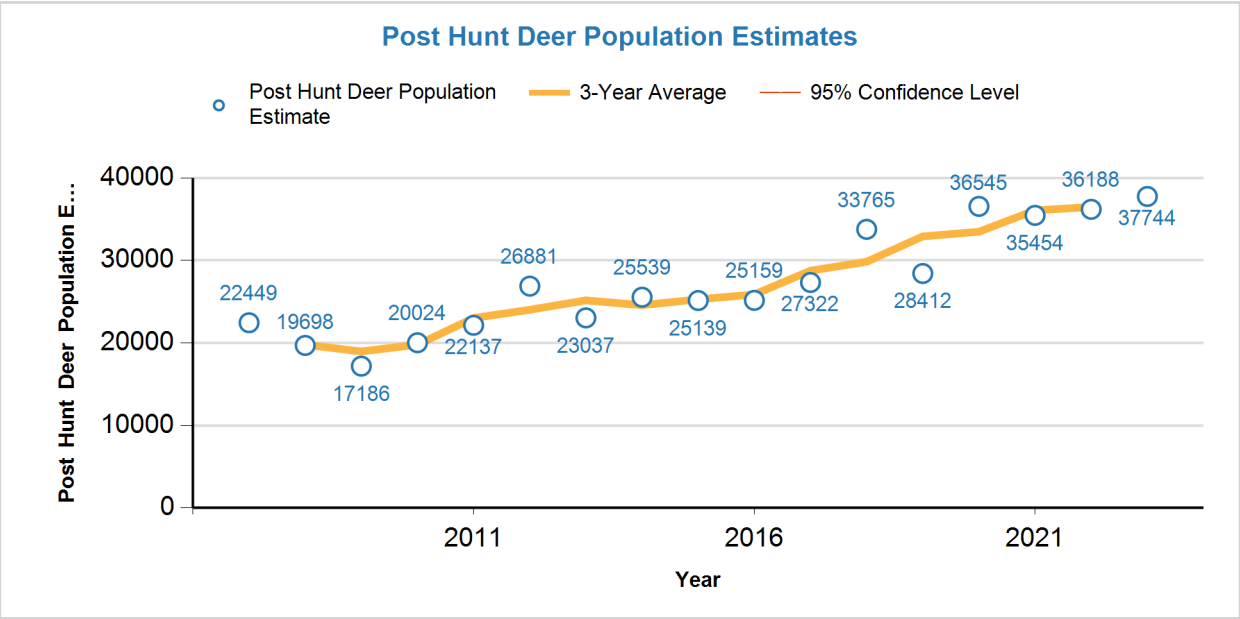
| Year | 2020 | 2021 | 2022 | 2023 |
|---------------------------|------|-------|-------|-------|
| Farmland - Public | | | | |
| Issued | | | | |
| Killed | | | | |
| Success Rate (%) | | | | |
| Farmland - Private | | | | |
| Issued | | | | |
| Killed | | | | |
| Success Rate (%) | | | | |
| Farmland - Total | | | | |
| Issued | | | | |
| Killed | | | | |
| Success Rate (%) | | | | |
| Bonus- Public | | | | |
| Available | 150 | 300 | 400 | 600 |
| Issued | 150 | 300 | 400 | 535 |
| Killed | 26 | 49 | 62 | 50 |
| Success Rate (%) | 17.3 | 16.3 | 15.5 | 9.3 |
| Bonus- Private | | | | |
| Available | 550 | 1,375 | 1,375 | 1,000 |
| Issued | 551 | 679 | 645 | 580 |
| Killed | 144 | 141 | 155 | 115 |
| Success Rate (%) | 26.1 | 20.8 | 24.0 | 19.8 |
| Bonus- Total | | | | |
| Available | 700 | 1,675 | 1,775 | 1,600 |
| Issued | 701 | 979 | 1,045 | 1,115 |
| Killed | 170 | 190 | 217 | 165 |
| Success Rate (%) | 24.3 | 19.4 | 20.8 | 14.8 |

Antlerless Tag Issuance & Success for Monroe County - Central Farmland

| Year | 2020 | 2021 | 2022 | 2023 |
|---------------------------|--------|--------|--------|--------|
| Farmland - Public | | | | |
| Issued | 5,382 | 8,281 | 8,463 | 8,463 |
| Killed | 247 | 268 | 271 | 191 |
| Success Rate (%) | 4.6 | 3.2 | 3.2 | 2.3 |
| Farmland - Private | | | | |
| Issued | 25,952 | 38,093 | 37,398 | 37,479 |
| Killed | 3,151 | 2,956 | 3,542 | 3,279 |
| Success Rate (%) | 12.1 | 7.8 | 9.5 | 8.7 |
| Farmland - Total | | | | |
| Issued | 31,334 | 46,374 | 45,861 | 45,942 |
| Killed | 3,398 | 3,224 | 3,813 | 3,470 |
| Success Rate (%) | 10.8 | 7.0 | 8.3 | 7.6 |
| Bonus- Public | | | | |
| Available | 600 | 600 | 600 | 600 |
| Issued | 284 | 260 | 240 | 223 |
| Killed | 23 | 12 | 27 | 12 |
| Success Rate (%) | 8.1 | 4.6 | 11.3 | 5.4 |
| Bonus- Private | | | | |
| Available | 1,500 | 1,500 | 1,500 | 1,500 |
| Issued | 966 | 680 | 662 | 627 |
| Killed | 225 | 112 | 115 | 110 |
| Success Rate (%) | 23.3 | 16.5 | 17.4 | 17.5 |
| Bonus- Total | | | | |
| Available | 2,100 | 2,100 | 2,100 | 2,100 |
| Issued | 1,250 | 940 | 902 | 850 |
| Killed | 248 | 124 | 142 | 122 |
| Success Rate (%) | 19.8 | 13.2 | 15.7 | 14.4 |

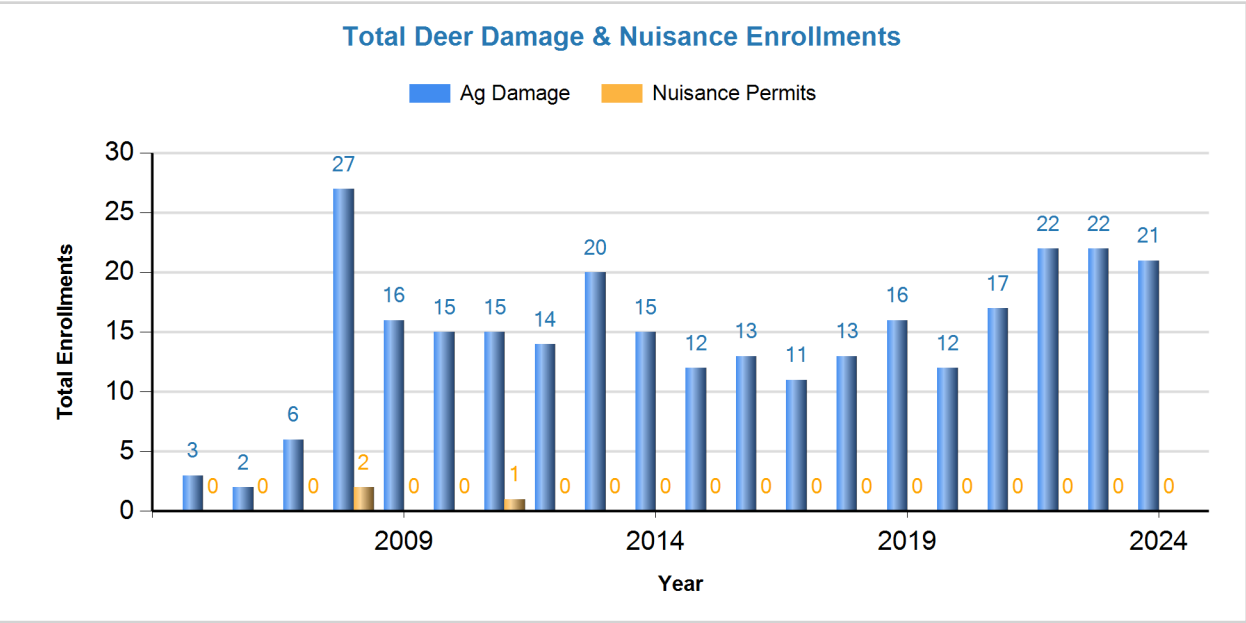
Herd Abundance

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

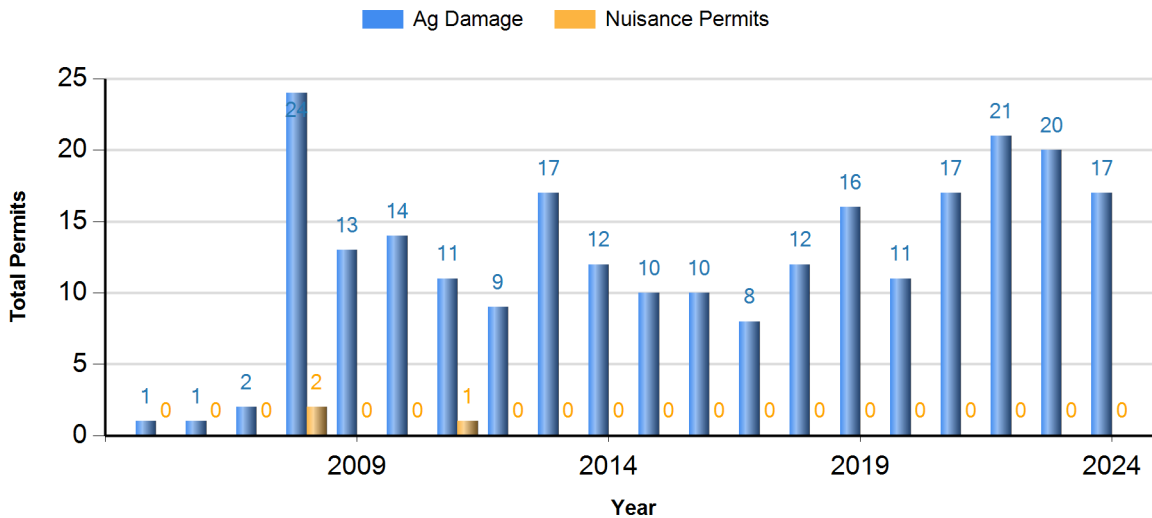


Deer Impacts – Agriculture & Nuisance Impacts

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



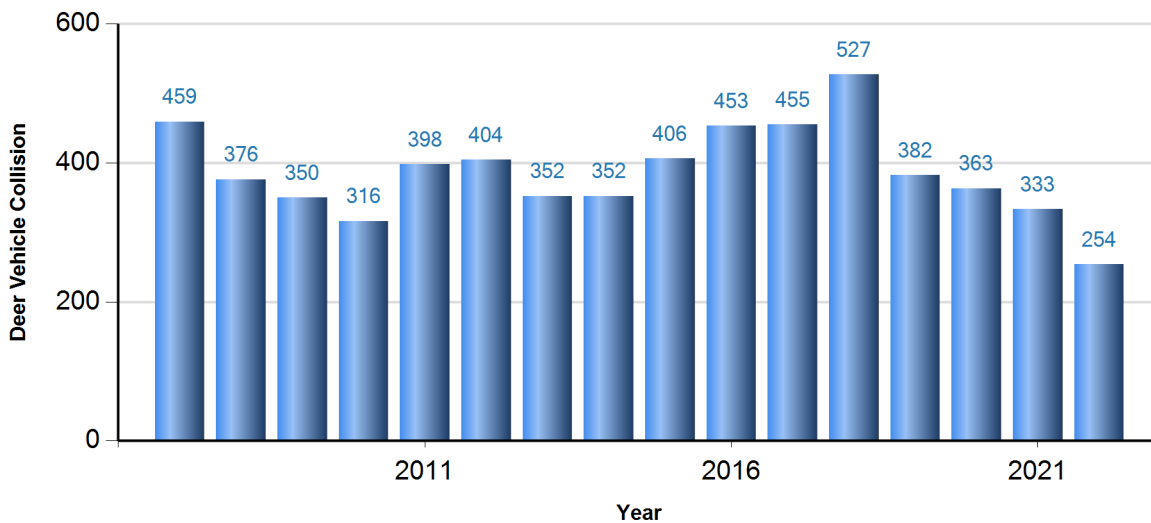
Total Deer Damage & Nuisance Shooting Permits Issued



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.

