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# 2022 U.P. DEER CAMP SURVEY

Information provided by cooperating deer camps in the U.P.  
Report prepared by Michigan Department of Natural Resources (DNR) Staff  
February 2023

Thanks to all who made this year's survey possible by recording their deer sightings, harvest, and comments for the 2022 firearm season. The information you provided helps us better understand the size, trend, and composition of the deer herd and the issues that are important to you concerning deer management. This report begins with information applicable to the entire U.P. region, and then looks at western and eastern sides of the U.P. Next, results by Deer Management Unit (DMU) are compared. A summary of written comments is located in the middle of the report, and the 22 DMU summaries are at the end. A summary of results with page references is available on [page 5](#).

The U.P. Deer Camp Survey is used to monitor deer sightings, deer harvest, and hunter opinions during the 16-day firearm season. It provides hunters and DNR staff with feedback on the status of the deer herd and hunting satisfaction soon after the season ends. Beginning in the early 1990's, deer camps have been casually recruited into the survey. Camp survey forms and postage-paid envelopes were mailed to 522 contact persons prior to the 2022 season.

To encourage responses and support the survey, several U.P. sportsperson groups provided prizes for a random drawing of camp contact persons who responded. Thank you to the following sportsperson groups for providing the prizes:

## Eastern U.P.

*Drummond Island Sportsmen's Club*

*Raber Area Sportsmen's Club*

*Les Cheneaux Sportsmen's Club*

*Straits Area Sportsmen's Club*

*St. Mary's River Sportsmen's Club*

*Chippewa County Shooting Association*

*Mackinac Chapter of the  
National Deer Association*

*Michigan Sharp-tailed Grouse Association*

## Western U.P.

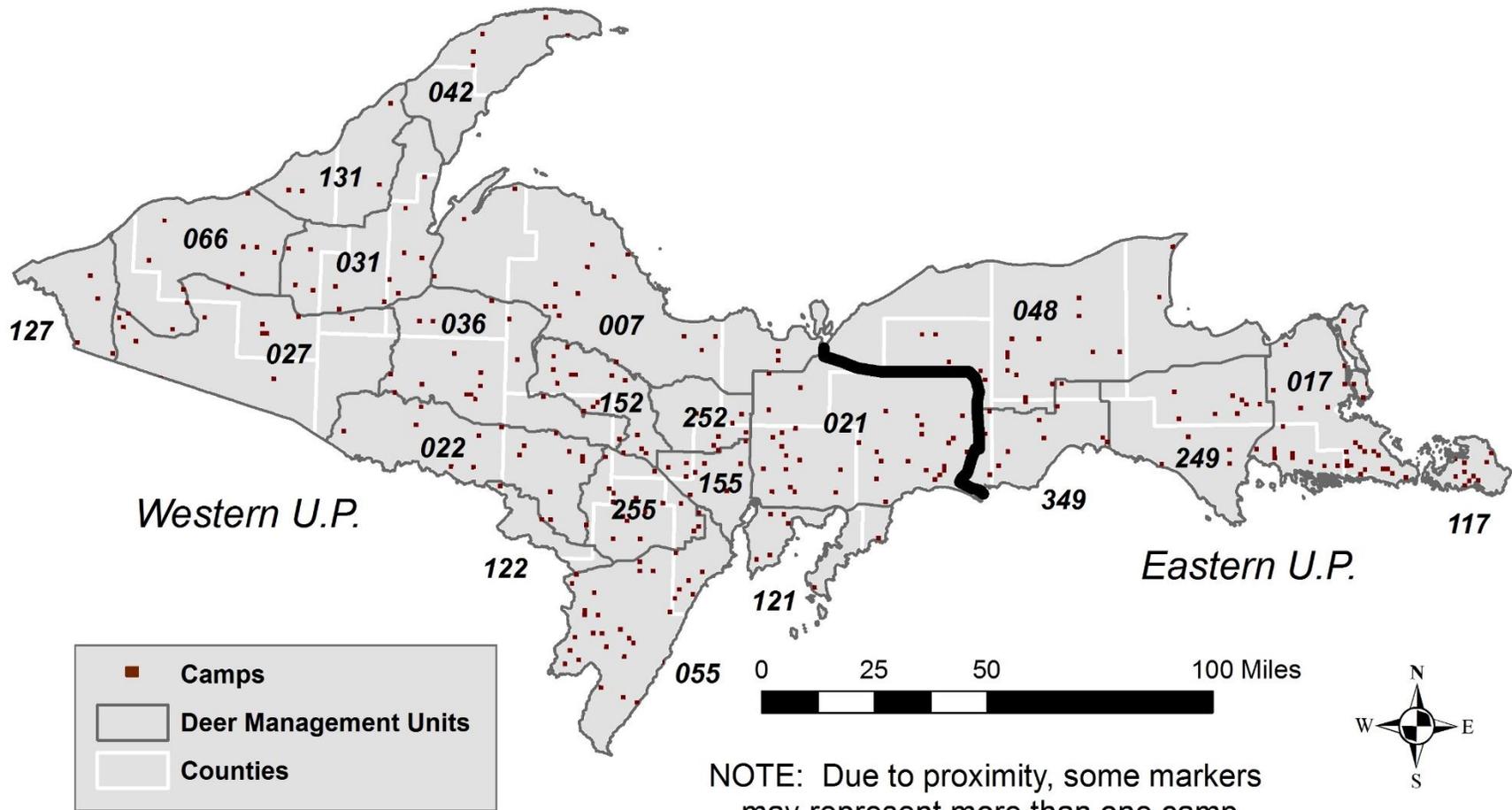
*Eastern Dickinson County Sportsmen's Club*

*U.P. Whitetails Association, Inc.*

*Wildlife Unlimited of Dickinson County*

This year marks the 20th year of a deer camp survey extending across the U.P. As we move forward, we want to recall the trail taken to get to this point. We recall past participants and want to especially thank them for bringing us to this point. Some can no longer participate but left their marks along the way while others continue to contribute. Thanks to all who have contributed in the past. We also thank those that are continuing to do so as well as those who have joined more recently and are picking up the trail where others left off. Thanks to all who have made this survey possible. We hope you enjoy reading the report and find the results interesting.

# Upper Peninsula Deer Camp Survey Locations 2022 Firearm Season



## Summary of the 2022 U.P. Deer Camp Survey

<u>U.P. Region Results</u>	<u>2021</u>	<u>2022</u>	<u>Page</u>
1. Deer seen per hunter day <i>increased</i> :	3.0	3.4	6
2. Percent of hunters harvesting a buck <i>decreased</i> :	26%	24%	8
3. Fawn observations per 100 does <i>decreased</i> :	56	53	9

<u>Percent of camps in 2022 rating</u>				<u>Page</u>	
4. Deer herd trend:	More – 21%	Same number – 34%	Fewer – 45%	10	
5. Season rating:	Excellent – 5%	Good – 28%	Fair – 30%	Poor – 37%	10

<u>Western U.P. (Page 11)</u>	<u>2021</u>	<u>2022</u>	<u>Page</u>
6. Deer seen per hunter day <i>increased</i> :	3.2	3.5	11
7. Percent of hunters harvesting a buck <i>was similar</i> :	29%	28%	11
8. Fawn observations per 100 does <i>decreased</i> :	58	54	11

<u>Percent of camps in 2022 rating</u>				
9. Deer herd trend:	More – 19%	Same number – 34%	Fewer – 47%	
10. Season rating:	Excellent – 4%	Good – 26%	Fair – 35%	Poor – 35%

<u>Eastern U.P. (Page 12)</u>	<u>2021</u>	<u>2022</u>	<u>Page</u>
11. Deer seen per hunter day <i>increased</i> :	2.3	3.0	12
12. Percent of hunters harvesting a buck <i>decreased</i> :	20%	17%	12
13. Fawn observations per 100 does <i>was similar</i> :	50	50	12

<u>Percent of camps in 2022 rating</u>				
14. Deer herd trend:	More – 26%	Same number – 36%	Fewer – 38%	
15. Season rating:	Excellent – 5%	Good – 33%	Fair – 22%	Poor – 40%

### Other Information

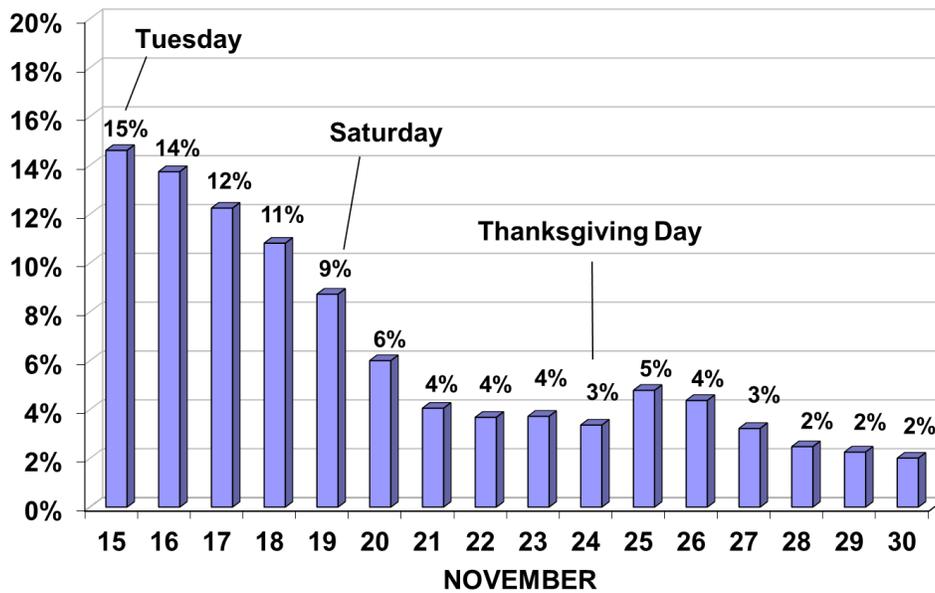
16. Deer management units (DMU's) are compared with each other in terms of participation, daily deer sightings, buck kill success, and fawn-doe ratios ([pages 13-15](#)).
17. Winter snow conditions are summarized on [pages 15-16](#).
18. Archery season participation is summarized on [page 17](#).
19. Camps kept track of sightings of 11 wildlife species besides deer ([page 17](#)).
20. Camps wrote numerous comments on their survey forms. These comments were placed in categories, and updates on most common issues as well as other items are provided ([pages 18-22](#)).
21. Deer season statistics are provided in Tables 1-3 based on area (U.P. Region, West U.P., or East U.P.) ([pages 23-25](#)), and for each DMU in Table 4 ([page 26](#)).
22. Hunter-generated statistics and a summary of written comments are provided for each of the 22 DMU's ([pages 28-38](#)).

**U.P. Region**

(Also see Tables 1 – 3 on pages 23 – 25)

A total of 350 camps occupied by 1,334 hunters participated in the 2022 U.P. Deer Camp Survey. A map showing the distribution of participants is on page 4 and a table of summary statistics from across the region is on page 23. Eighty-four percent of the participating camps also participated in 2021. Hunters spent a total of 7,223 days hunting, 16% fewer days afield than in 2021. On average, 4 hunters occupied each deer camp, and each person hunted 5 days during the 16-day firearm season. Approximately 61% of the hunting effort was completed during the first five days of the season.

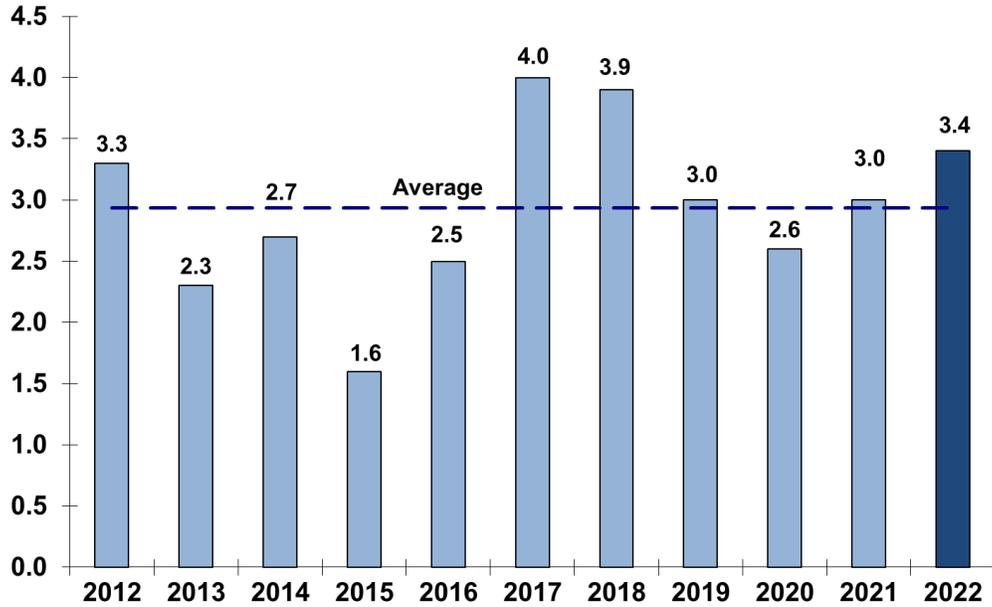
**HUNTER PARTICIPATION IN THE 2022 FIREARM SEASON**  
Percent of total hunting effort occurring on each day



**Deer Observations:** The average number of deer observed per hunter during the entire 2022 firearm season was 19 deer (3 bucks and 16 antlerless), an increase from the 16 deer (2 bucks and 14 antlerless) observed during the past 3 seasons. Note: unidentified deer are considered antlerless in the analysis of deer sighting data. Hunters observed 3.4 deer per hunter day, an increase from the 3.0 in 2021 and above the long-term average of 2.9 (see graph on next page).

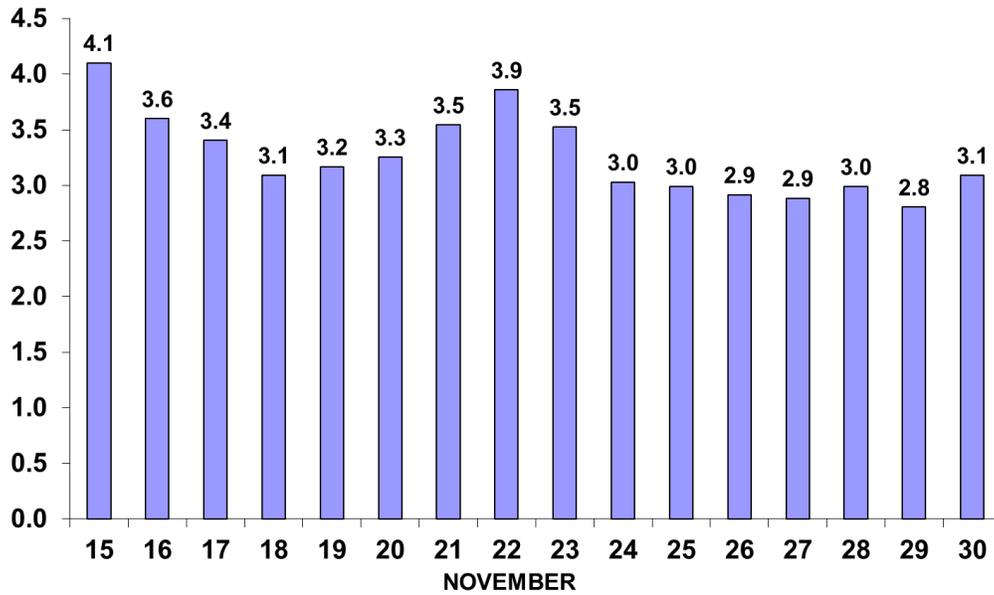
### U.P. Region

#### NUMBER OF DEER OBSERVED PER HUNTER DAY Firearm Season



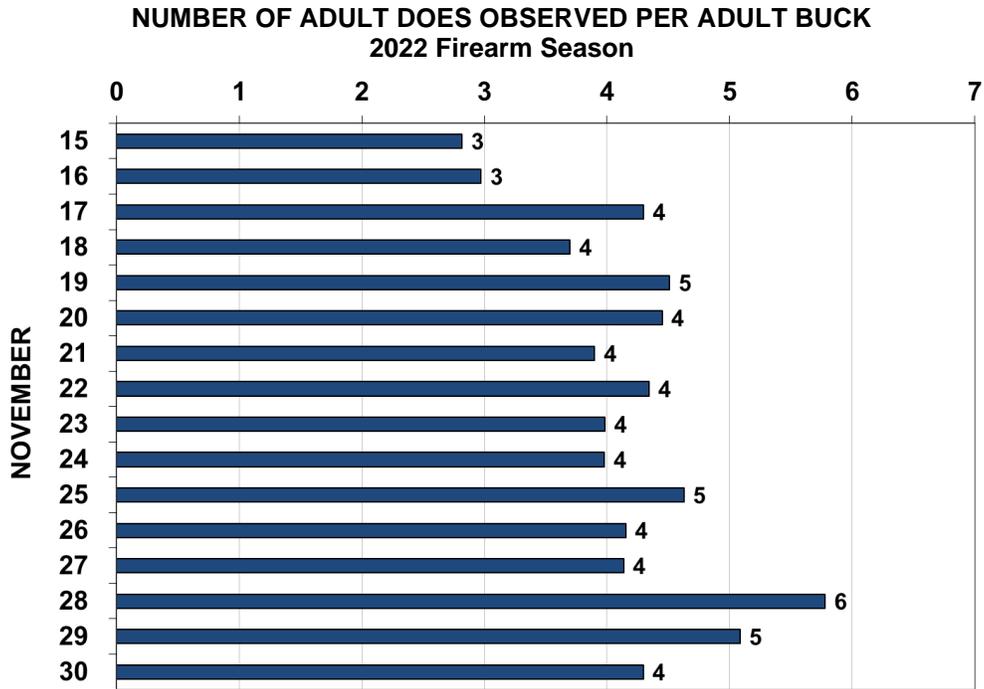
Hunters observed, on average, 3 to 4 deer per day during each day of the 2022 firearm season (see graph below).

#### NUMBER OF DEER OBSERVED PER DAY 2022 Firearm Season

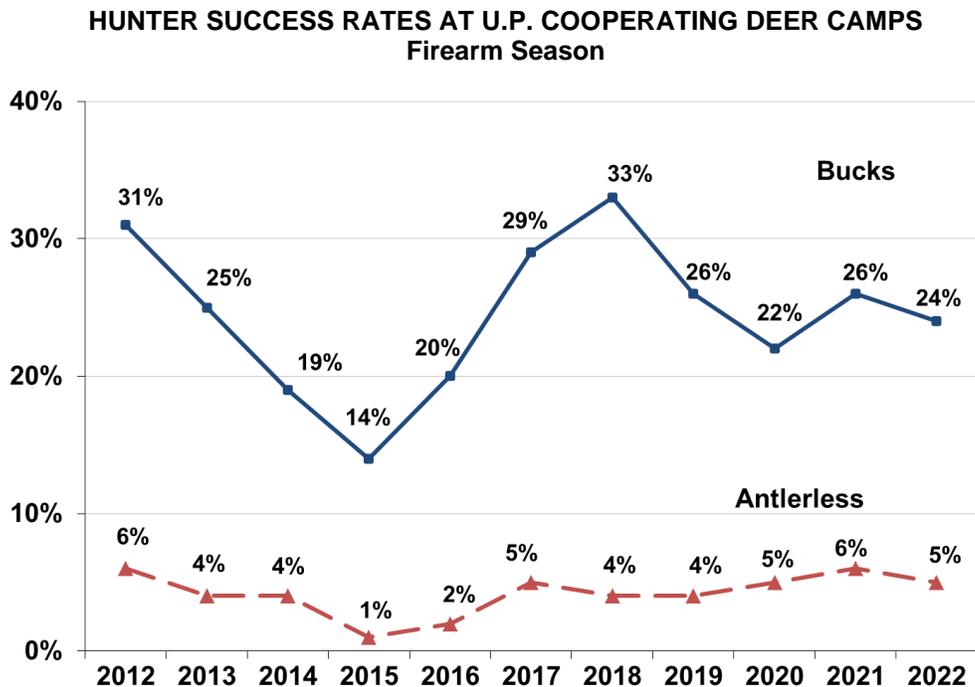


### U.P. Region

**Doe Sightings per Buck:** Three adult does were observed per adult buck on opening day in 2022. The sex ratio skewed to a ratio of 4 – 6 does per buck as the season progressed and more bucks than does were removed from the population by hunters.



**Harvest:** Twenty-four percent of hunters harvested a buck, which is equal to the 11-year average. One percent of hunters harvested a 2<sup>nd</sup> buck. Since 2003, 4% or less of participating hunters reported taking a 2<sup>nd</sup> buck each year.



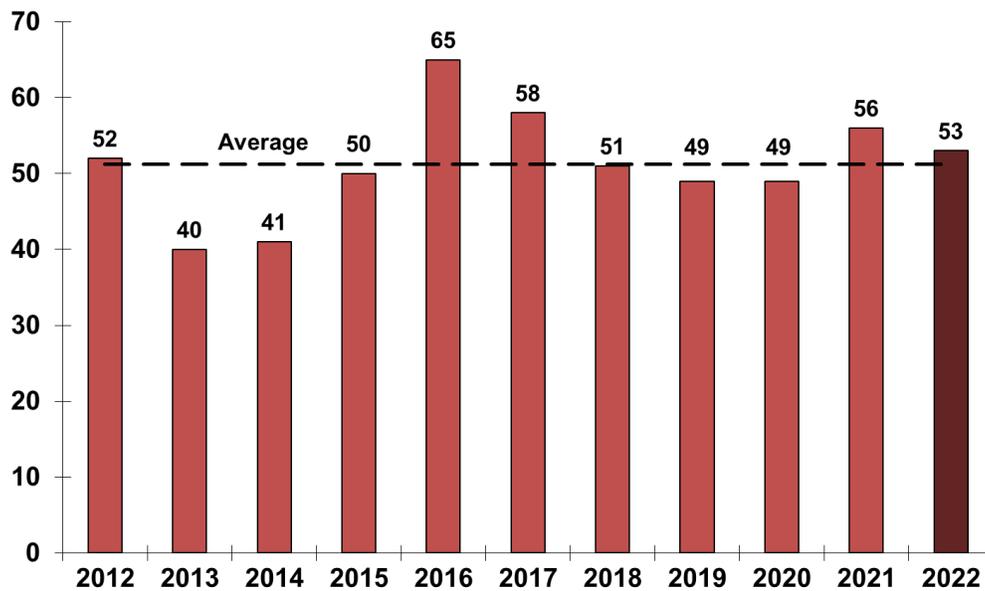
## U.P. Region

Starting in 2021, universal antlerless licenses – available over the counter with no drawing involved – could be used in DMU's 022, 055, 121, 122, 155, and 255 in the south-central U.P. In DMU's 351 (in eastern U.P.) and 352 (in western U.P. – see map on page 20), a total of 2,000 antlerless deer hunting access permits were available via drawing (1,000 in DMU 351 and 1,000 in DMU 352). A hunter needed to have an antlerless deer hunting access permit to use a universal antlerless license in these DMU's. Hunters could not harvest an antlerless deer in the northern U.P., which included DMU's 007, 031, 042, 048, 066, 127, & 131.

Five percent of Deer Camp Survey participants reported harvesting an antlerless deer (doe or fawn) in 2022, a slight decrease from 2021 when 6% harvested an antlerless deer. Antlerless deer accounted for 20% of the total harvest at camps in the U.P. in 2022 (similar to 2021 and 2020) whereas 80% of the take were bucks. Of the 60 hunters who harvested an antlerless deer, 77% took only 1, 13% took 2, and the remaining 10% took more than 2 antlerless deer (most took 3). In the past, some hunters have taken antlerless deer during archery and muzzleloader seasons, but only those taken during firearm season are included in this survey.

**Fawn to Doe Ratio:** Hunters observed 53 fawns per 100 does. This is a slight decrease from the 56 observed in 2021 but remains slightly above the long-term average of 51.

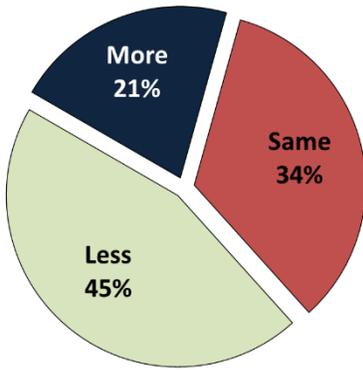
**FAWNS OBSERVED PER 100 DOES**  
Firearm Season



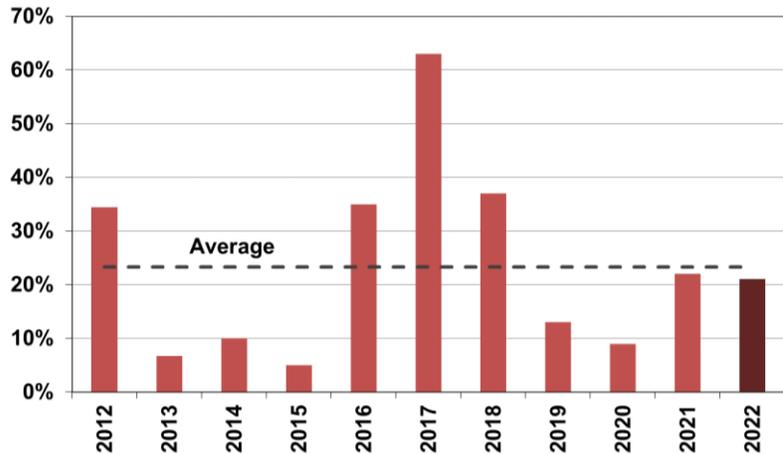
## U.P. Region

**Deer Herd Trend:** Forty-five percent of camps felt there were fewer deer compared to 2021, 34% felt that deer numbers were similar to 2021, and 21% felt there were more. These ratings are similar to camp ratings in 2021.

**2022 Deer Herd Trend Compared to Last Year**

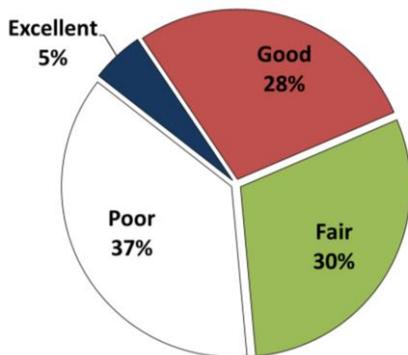


**Percent of U.P. Camps Rating "More Deer" than the Previous Year**

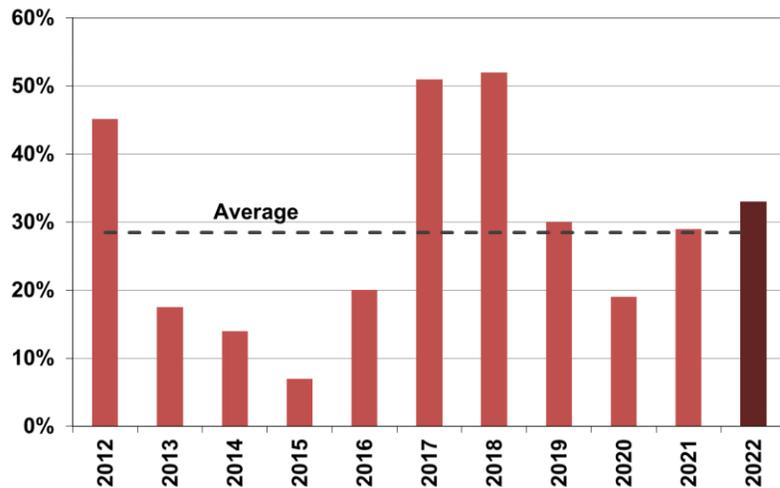


**Rating of the Season:** Camps were asked to rate the firearm season as excellent, good, fair, or poor. Thirty-three percent rated the season as good to excellent, which is above the 2021 rate of 29% as well as the long-term average (28%). However, most (67%) camps rated the season as fair to poor.

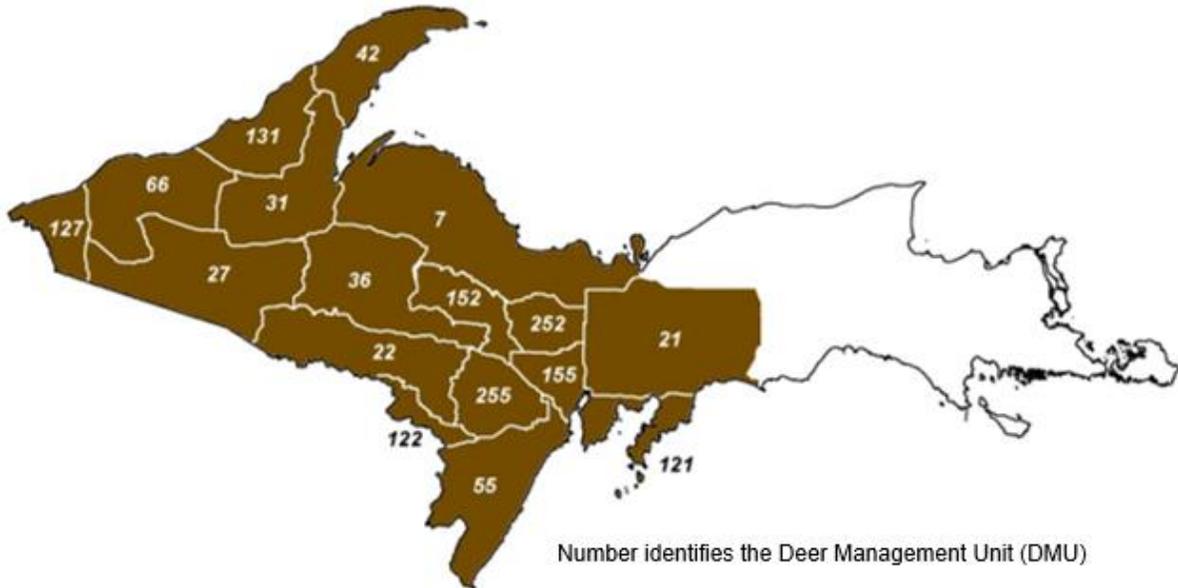
**Rating of the 2022 Firearm Season**



**Percent of U.P. Camps Rating the Season as "GOOD-to-EXCELLENT"**



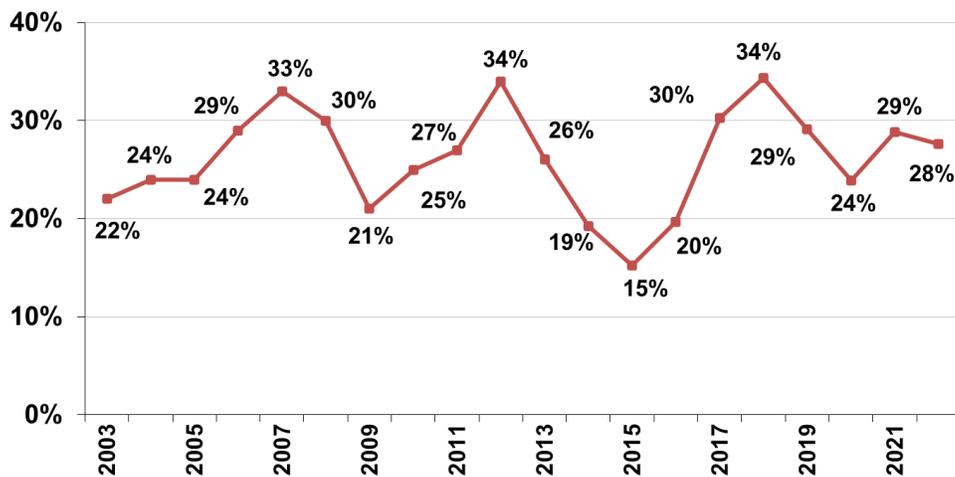
### Western U.P.



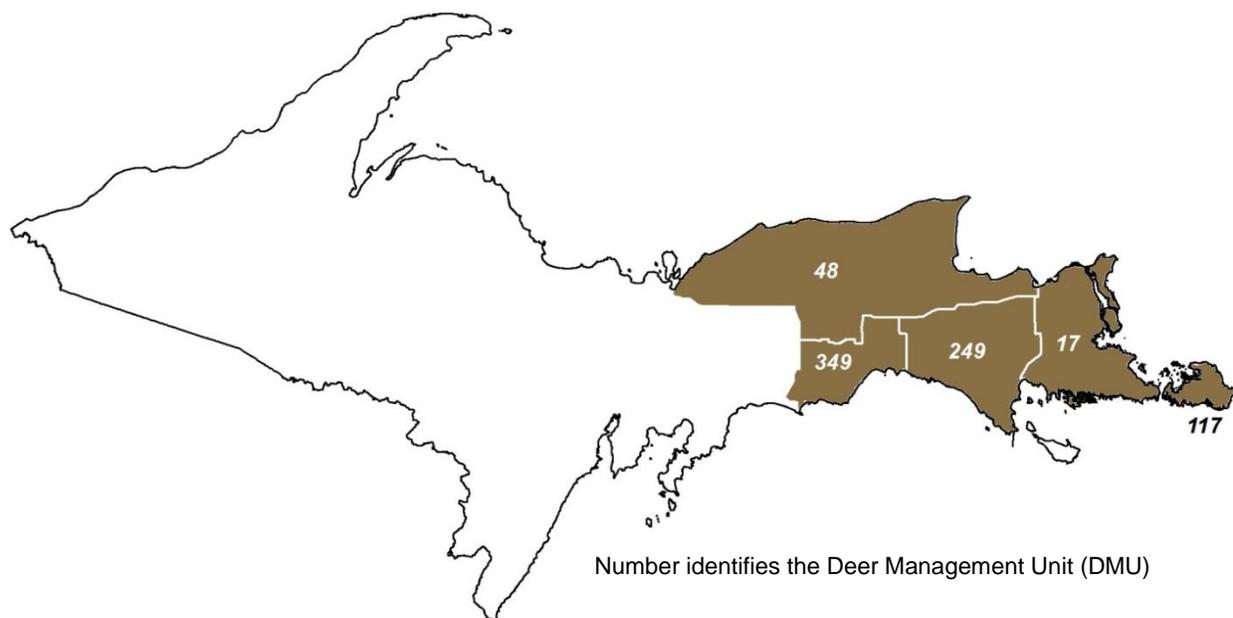
Results for the Western U.P. portion of the survey area (shown above) have been reported since the late 1990's. This portion includes the majority of DMU's in the U.P. Results for the Western U.P. are detailed in [Table 2 on page 24](#). Some of these results are summarized here.

Western U.P. participants observed 3.5 deer per hunter day and 54 fawns per 100 does in 2022. The deer observation rate increased from 3.2 in 2021 while the fawn-to-doe ratio decreased from 58. Twenty-eight percent of hunters harvested a buck (see graph below) similar to 2021 (29%). Thirty percent of camps rated the 2022 season as excellent or good compared to 32% in 2021.

**Buck Hunter Success Rates at West U.P. Cooperating Deer Camps  
Firearm Season**



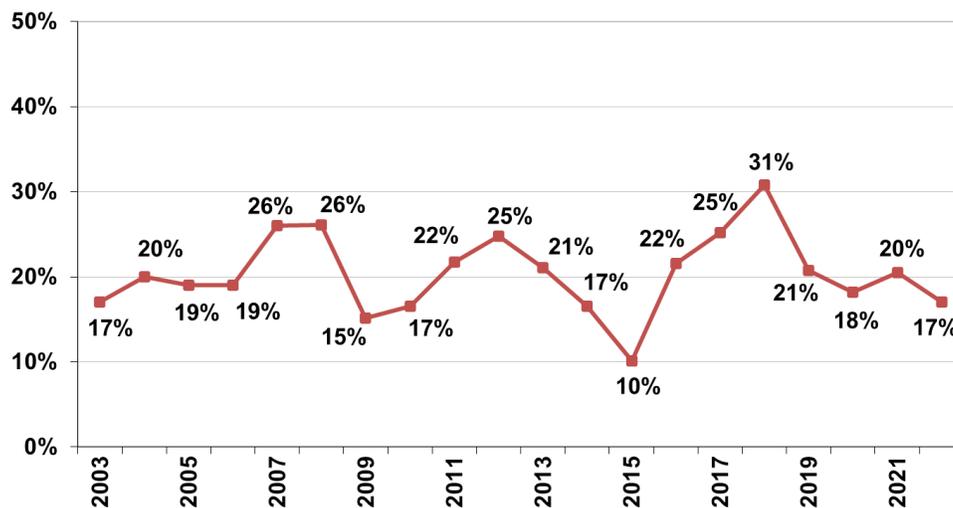
### Eastern U.P.



Results for the Eastern U.P. portion of the survey area (shown above) have been reported since 2003. This area contains 5 of the 22 DMU's in the U.P. Results for the Eastern U.P. are detailed in [Table 3 on page 25](#). Some of these results are summarized here.

Eastern U.P. participants observed 3.0 deer per hunter day and 50 fawns per 100 does in 2022. The sighting rate increased from 2021 (2.3), while the number of fawns observed per 100 does remained similar. Seventeen percent of hunters harvested a buck (see graph below) compared to 20% in 2021. Thirty-eight percent of camps rated the 2022 season as excellent or good compared to 23% in 2021.

**Buck Hunter Success Rates at East U.P. Cooperating Deer Camps**  
*Firearm Season*



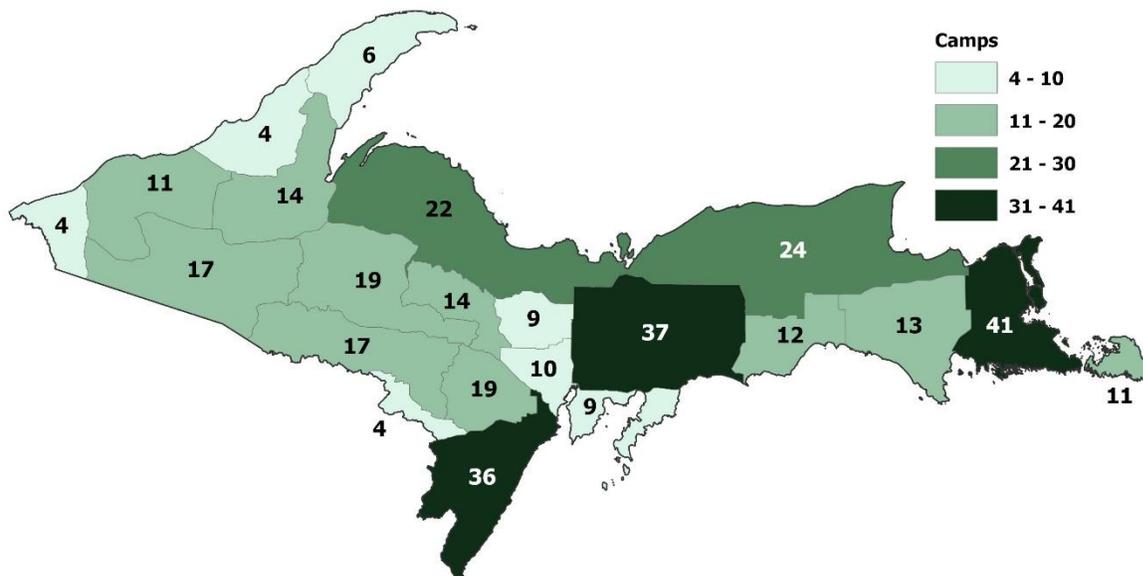
## RESULTS BY DEER MANAGEMENT UNIT

(Also see [Table 4 on page 26](#))

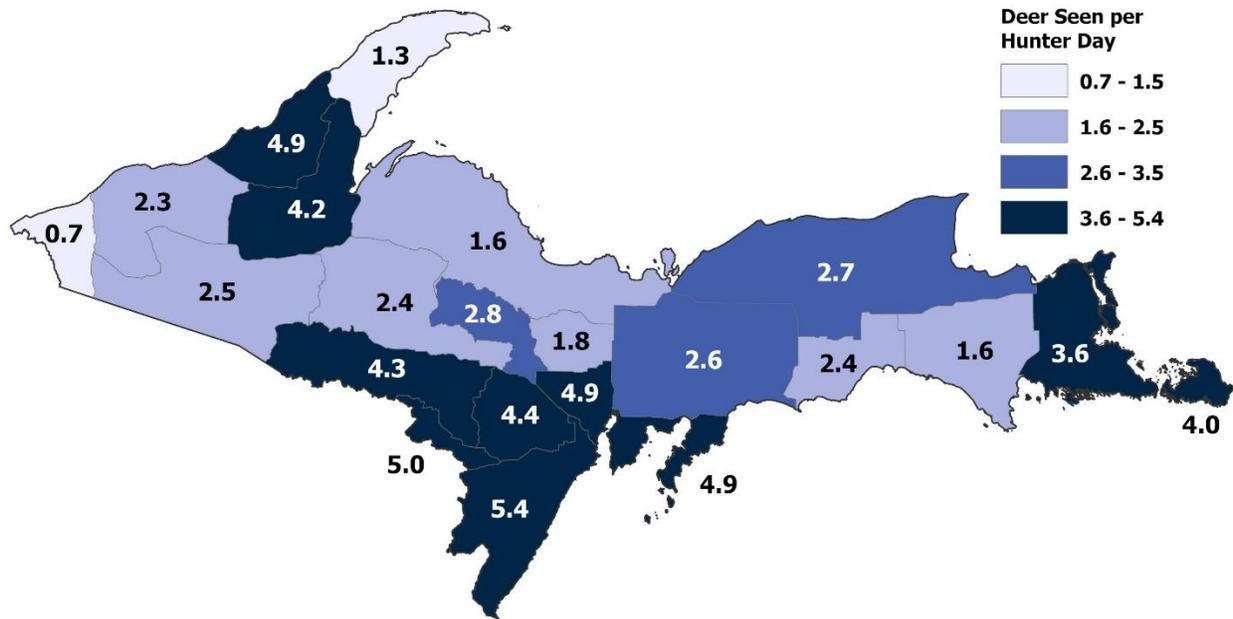
**Individual Deer Management Unit (DMU) Statistics:** Separate statistics and the most common camp comments are provided for each individual DMU at the end of this report ([pages 28-38](#)). Please note that “does seen per buck” refers to opening day only on those pages. Refer to the map on [page 4](#) for the location of the respective DMU.

**Participation:** The map below shows camp participation in 2022 by DMU. Some DMU’s had very light participation this year. *We caution that the results presented here for individual DMU’s with few participating camps may not be representative of the majority of hunters within the DMU.* In 2022, at least 9 DMU’s fell below desired participation levels (>15 camps and > 50 hunters), and 3 had fewer than 5 camps and 15 hunters (122, 127, & 131).

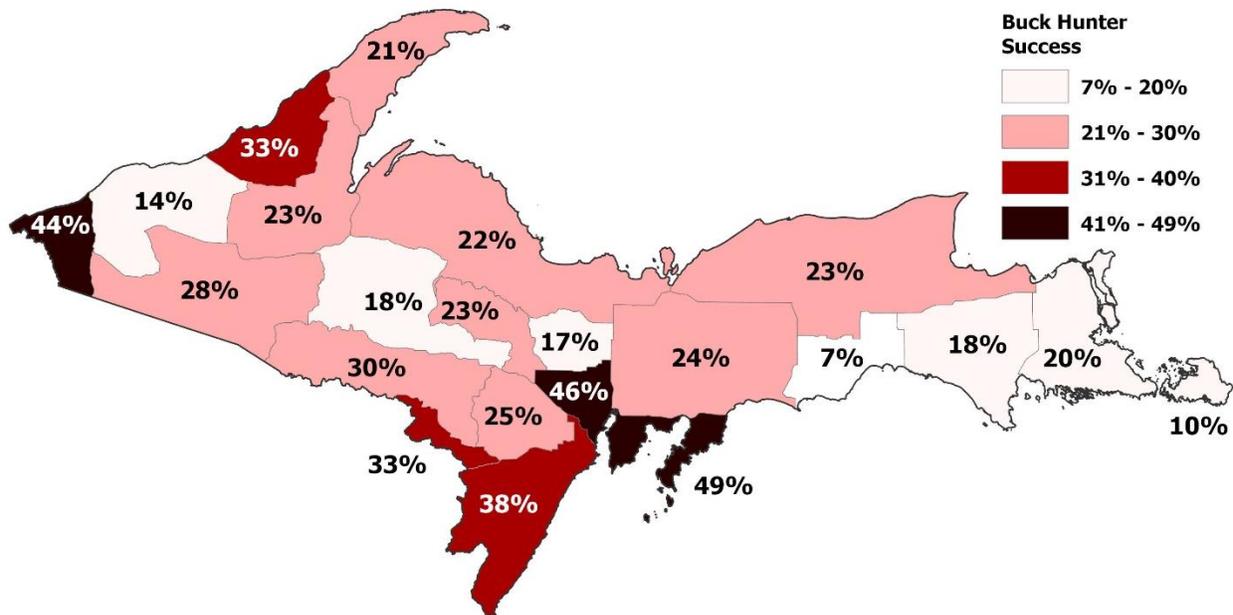
We encourage additional participation in DMU’s with relatively few participants (particularly those with <15 camps or <50 hunters). Interested hunters can contact David Jentoft at the Sault Ste. Marie Customer Service Center (906-635-6161 ext. 4 or [jentoftd@michigan.gov](mailto:jentoftd@michigan.gov)) or Colter Lubben at the Escanaba Customer Service Center (906-789-8204 or [lubbenc1@michigan.gov](mailto:lubbenc1@michigan.gov)) to receive survey materials next firearm season.



**Deer Observations per Hunter Day:** The number of deer seen per hunter day during the 2022 firearm season ranged from 0.7 in DMU 127 (based on only 4 camps) to 5.4 in DMU 055. Sighting rates increased in 10 DMU’s compared to 2021, decreased in 5, and remained similar (within 0.1) in 7 DMU’s (see map on next page).

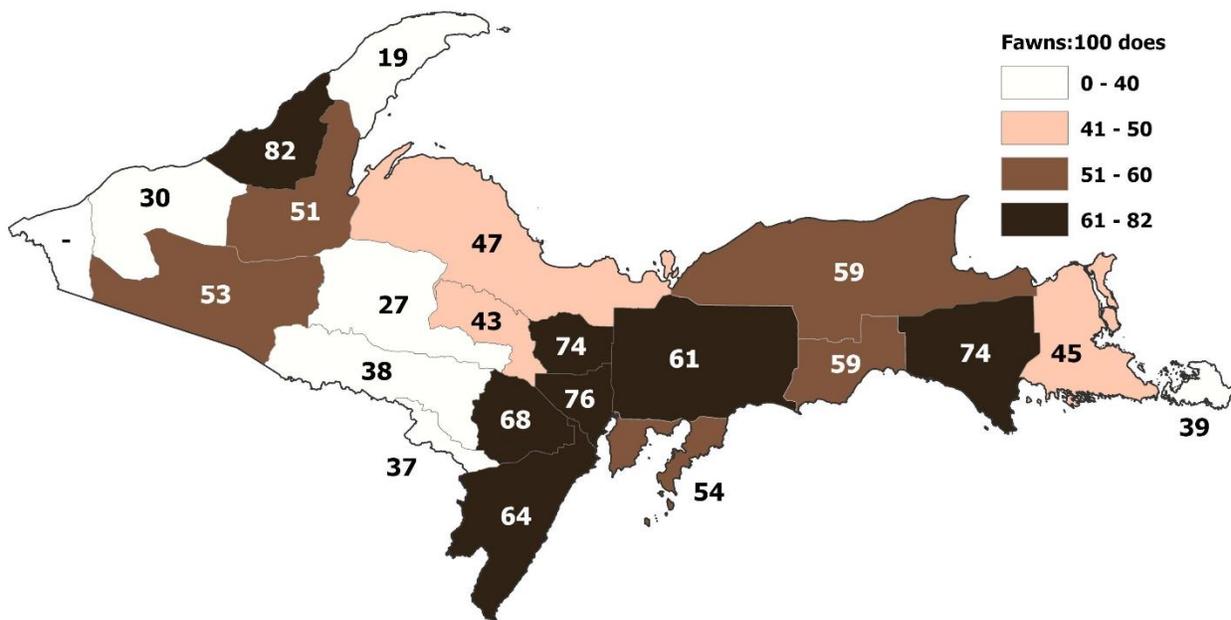


**Buck Harvest:** Buck kill success ranged from a low of 7% in DMU 349 to a high of 49% in DMU 121. The rate increased in 10 DMU's compared to 2021, decreased in 10, and remained similar (within 1%) in the remaining 2 DMU's. There has not been a clear relationship between deer population size (as measured by daily deer sightings) and the percent of hunters killing a buck. Sometimes a unit with low deer sightings will record a high buck kill success, and conversely, a unit with high deer sightings will record low success. This seems illogical on the surface but may be due to hunters passing on buck kill opportunities in DMU's where deer are plentiful, hunters being less choosy in low deer density areas, or hunters achieving high success rates in low deer density areas due to reduced competition from other hunters.



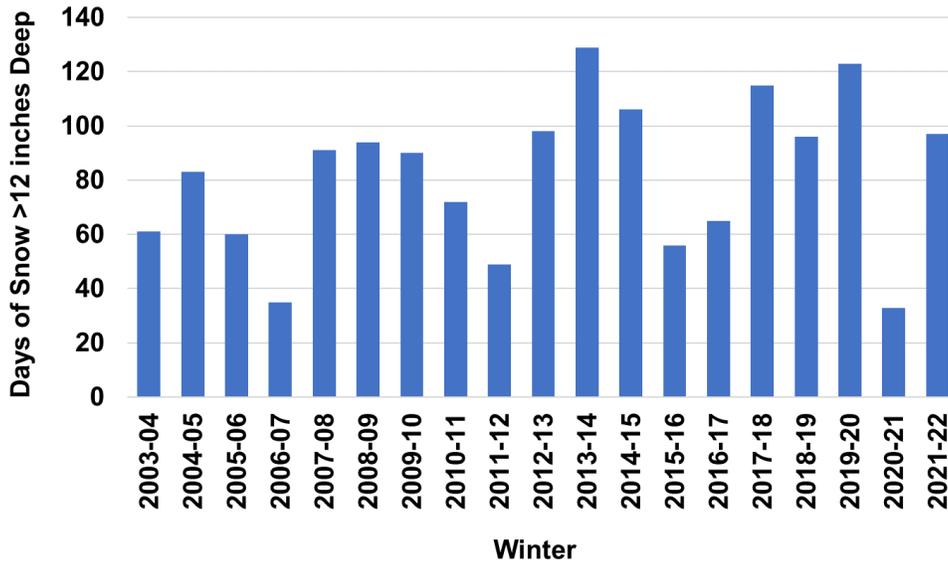
While buck harvest may not be clearly related to deer population size, results in previous reports have regularly suggested that hunters seem more willing to pass on bucks in areas where they have multiple buck sightings per season. In contrast, hunters appear less willing to “let ‘em go” in areas where few, if any, bucks are seen. The decision to take a buck is often voluntary and based on the choice of the hunter at the time of the buck sighting. However, there are some restrictions based on license type (which the hunter chooses when purchasing) and hunting location (buck regulations in the core CWD surveillance area and in DMU 117 – Drummond Island – differ some from the rest of the U.P.) that are regulatory.

**Fawn to Doe Ratio:** The number of fawns observed per 100 does varied from a low of no fawns being reported in DMU 127 (only 4 camps participating) to a high of 82 fawns per 100 does in DMU 131 (only 4 camps participating). The ratio increased in 11 of the 22 DMU’s compared to 2021, decreased in 9, and remained similar (within 1) in two DMU’s (021 & 031). The fawn-to-doe ratio must be interpreted with caution because it can be sensitive to changes in doe observations rather than simply reflecting changes in fawn observations. For example, if doe sightings increase further than fawn sightings compared to the previous year, low rates can result. If doe sightings decrease further than fawn sightings, high rates can result.



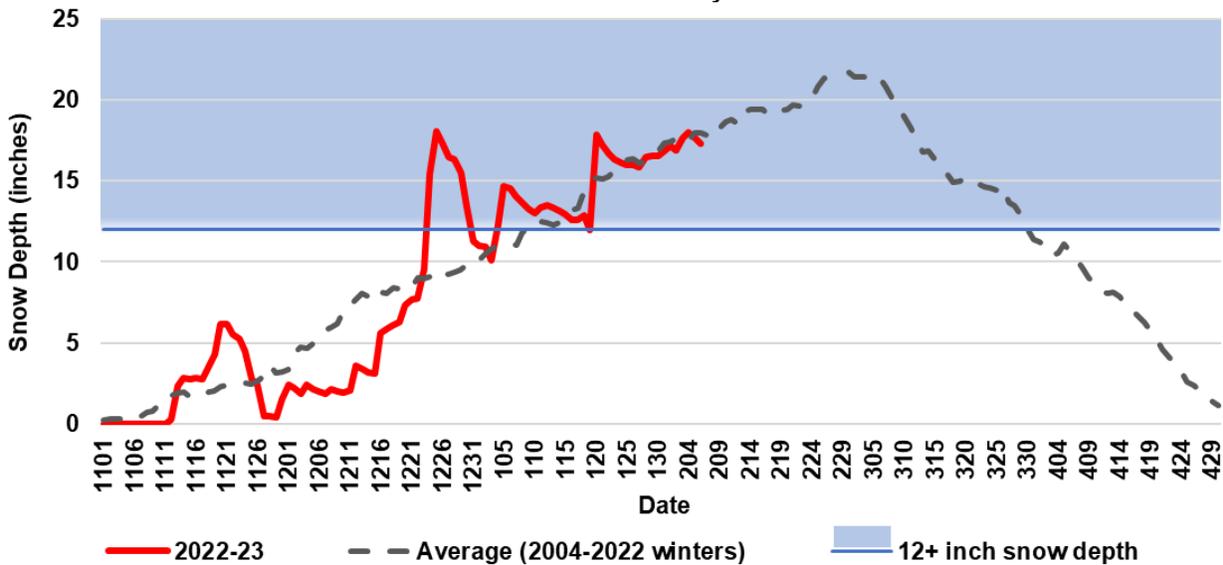
**Winter Conditions:** Wildlife Division staff in the U.P. currently monitor snow conditions each winter using Snow Data Assimilation System (SNODAS) results from the NOAA National Weather Service’s National Operational Hydrologic Remote Sensing Center. While any snow can impact wildlife, research has suggested that deeper snow can be more impactful to deer. Currently, the duration of snow greater than 12 inches deep is one of the indicators used to monitor the intensity of winter. The graph below shows the duration of snow >12 inches deep by winter in the U.P.

**Duration of 'Deep' Snow in the U.P. by Year**  
*Number of days the average U.P. snow depth was >12 inches*



As of February 6, 2023, there have been 40 days when the snow was >12 inches deep (above the long-term average of 29 days), and the average snow depth in the U.P. was approximately 17 inches (near the long-term average). While the duration of deeper snow is currently above average, the snow depth is near average and temperatures have been relatively mild. Like many past years, the severity of this winter will likely depend on conditions during the latter half of it.

**U.P. Average Snow Depths**  
*based on SNODAS system*



**Antlerless Deer Harvest Opinions:** Camps were asked whether they supported the availability of antlerless deer harvest opportunities in their location at this time. Fifty-one percent of respondents answered yes, while 49% answered no. The percent of camps answering yes since 2018 is as follows: 2021 – 43%, 2020 – 45%, 2019 – 48%, 2018 – 50%. Responses varied by area in 2022 as they have since 2018. Support for antlerless harvest opportunities was generally highest in the southcentral U.P. where deer population densities are highest and antlerless harvest opportunities have been greater than in other areas of the U.P.

**Archery Participation:** Camps were asked to indicate how many hunters participated in the early archery season (Oct. 1 – Nov. 14) and how many planned to hunt in the late archery season (Dec. 1 – Jan. 1). Eighteen percent of participants hunted in the early archery season, and 7% planned to hunt in the late archery season. These results are similar to past years as shown in the table below. Some hunters have expressed concerns about the effects of archery hunting on the deer population, particularly late season hunting. Results here suggest that few hunters (<10%) participate in the late portion of the archery season (December); the majority of archery hunting effort appears to be in the early part of the season (October and early November).

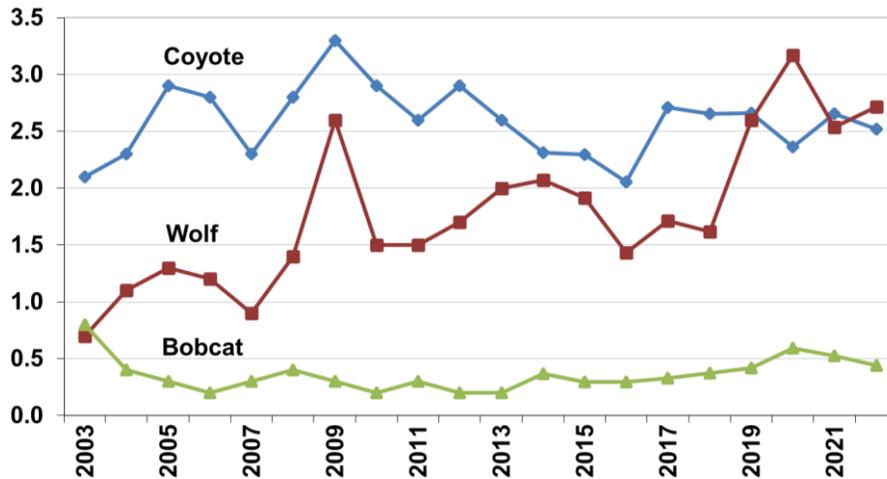
**Archery Participation by Year**  
*% of Camp Survey hunters participating in archery season*

	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Early Archery</b> (Oct. 1 – Nov. 14)	24%	21%	23%	22%	21%	22%	22%	23%	18%
<b>Late Archery</b> (Dec. 1 – Jan. 1)	8%	7%	7%	7%	5%	6%	9%	7%	7%

**Other Wildlife Sightings:** Deer camps kept track of furbearing mammals and other select species observed while hunting during firearm season (see [tables 5 and 6 on page 27](#)). Wild turkeys topped the list of all species observed once again with 1,567, a decrease from the 1,878 counted in 2021. Cougar observations have ranged from 0 to 7 per year during the past 10 years. In 2022, 2 sightings were reported.

When sightings are standardized to account for different numbers of hunter days each year, a sighting index can be developed (animals seen per 100 hunter days – see graph on next page). See [Table 6 on page 27](#) for index values by year. We do not know whether these sighting indices depict the actual population trends of these furbearer populations.

**COYOTE, WOLF, & BOBCAT SIGHTINGS PER 100 HUNTER DAYS  
U.P. Deer Camp Survey**



**Comments by Hunters**

Deer camps wrote many comments on their survey forms. To summarize these comments in a meaningful manner, we tallied each according to its subject matter. Comments mentioned by at least 5 camps were extracted from the forms and assigned to one of 5 major subject categories shown below. The subject matter receiving the greatest number of unsolicited comments was deer abundance. The most common individual comment related to fewer deer being observed this season. Updates and information on some of the subjects follow.

**COMMENTS PROVIDED BY CAMPS IN THE 2022 U.P. DEER CAMP SURVEY**

**Deer Abundance**

**Less**

Fewer deer observed this season	40
Fewer mature bucks on camera/seen	15
Fawns were not abundant or fewer in number	10
Fewer bucks or buck sign	7
Less does seen	6
	<hr/>
	<b>78</b>

**More**

More young bucks	21
More deer observed this season	18
Fawns were abundant or higher in number	5
	<hr/>
	<b>44</b>

**Deer abundance total: 122**

**Comments (continued)**

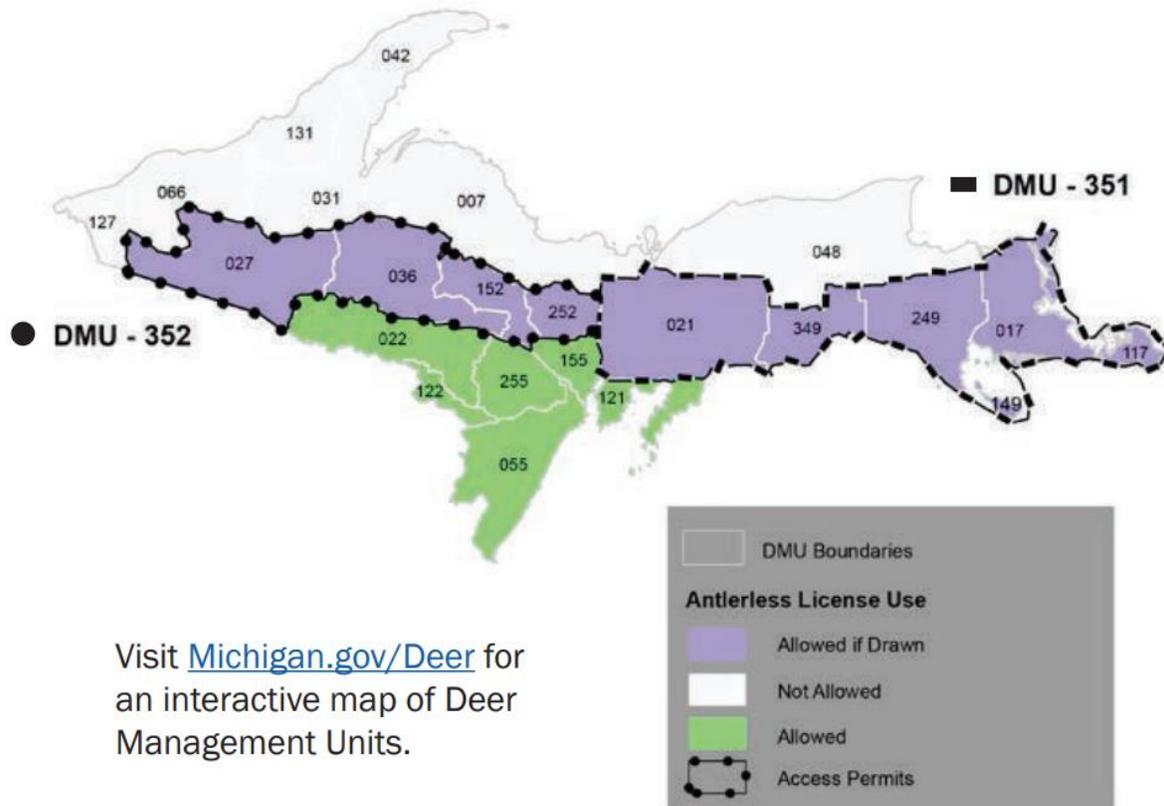
<b>Predators</b>		
Wolves having a negative impact on deer		33
Numerous wolves, tracks, or howls in my area		32
Control wolves or allow us to control them		21
Numerous coyotes, tracks, or howls in my area		6
Predators having a negative impact on deer		5
Observed fewer wolves or wolf sign		16
		<b>113</b>
<b>Regulations</b>		
Reduce or eliminate antlerless licenses in unit		11
Disagree with the bait ban		8
Support harvest reporting		8
Limit hunters to 1 buck per year		5
No APR's		5
		<b>37</b>
<b>Hunting Conditions</b>		
Less shooting heard		11
Deep snow limited access to blinds		9
Less hunters in area		7
Worst season ever		6
		<b>33</b>
<b>Other</b>		
We let small bucks go		11

**Updates on Comment Subjects & Other Items**

**Deer Abundance, Management, & Regulations:** Deer abundance was the most popular comment thread in 2022, as it was the past 2 seasons. Most of these comments related to lower deer numbers than the previous season(s), similar to 2021, and were consistent with camp ratings of the deer herd (see graph on [page 10](#)). Interestingly, the daily deer sighting rate increased at the regional level (3.0 deer observations per hunter day in 2021 to 3.4 in 2022) and was above the 10-year average for the U.P. The rates increased in 10 of the 22 U.P. DMU's compared to 2021 and only decreased in 5 DMU's. This is very similar to what happened in 2021 when comments about low deer numbers were common but the daily deer sighting rate increased from 2020. The daily deer sighting rate decreased from 2018 – 2020, but has increased since 2020 (see graph on [page 7](#)). The decrease from 2018 – 2020 occurred following consecutive winters with extended periods of > 12 inch snow depths (see graph on page 16).

Comments on regulations were also made by numerous camps. The most popular comments related to reducing or eliminating antlerless licenses. Deer management via regulations is a complicated subject. There are numerous ways to manage deer, and many hunters have an opinion on the best way. Many of the comments likely related to recent changes to antlerless

regulations made by the Natural Resources Commission. Some of these changes are summarized below.



Visit [Michigan.gov/Deer](https://Michigan.gov/Deer) for an interactive map of Deer Management Units.

- “Allowed” (green): a universal antlerless license could be used to take an antlerless deer. Universal antlerless licenses could be purchased without an application, with a limit of 10 per hunter for the season.
- “Allowed if drawn” (purple): an antlerless deer hunting access permit needed to accompany the universal antlerless license (1 antlerless hunting access permit + 1 universal antlerless license for each antlerless deer harvested). In each DMU – 351 in the eastern U.P. and 352 in the western U.P. – there were 1,000 antlerless hunting access permits available in 2022 through a drawing.
- “Not Allowed” (white): no antlerless harvest was allowed with a universal antlerless license.
- In addition to the above, archers could pursue antlerless deer in DMU’s open to antlerless harvest with their deer or deer combination licenses. However, DMU’s 127, 066, 031, 131, 042, 007, and 048 were closed to antlerless harvest during the archery seasons.

Deer harvest reporting became available in 2021 and was mandatory in 2022. Data collected through harvest reporting is used to help manage the deer population in Michigan. Hunters were encouraged to go to [www.michigan.gov/DNRHarvestReport](https://www.michigan.gov/DNRHarvestReport) or use the DNR Hunt Fish app to register a deer. As of February 6, 2023, approximately 22,700 deer harvested in the U.P. had been reported, 73% of which were antlered bucks. The harvest reporting results can be viewed at [www.mdnr-elicence.com/HarvestReportSummary](https://www.mdnr-elicence.com/HarvestReportSummary).

Wildlife Division staff hold sportsperson coalition meetings to provide regular interaction with local stakeholders on an array of topics in the U.P., including regular discussions of deer management issues. Contact your local DNR wildlife biologist for a meeting schedule if you are interested in attendance. A parallel group, the Upper Peninsula Habitat Work Group, was reformed in 2015 with a mission to focus on improving and conserving critical winter deer habitat.

***Wolves and Coyotes:*** The second most popular comment thread in 2022 was predators, particularly wolves. The most numerous predator comments were about numerous wolf observations and/or sign around hunting locations, the view that their presence was having a negative impact on deer, and requests for their control. Similar comments about coyotes, and predators in general, were made by several camps.

### Wolves

On February 10, 2022, a federal court in California returned gray wolves, including those in Michigan, to the federal list of endangered species. The ruling means that two state laws (PA 290 and 318) governing the ability to kill wolves preying on livestock, pets and hunting dogs have been suspended.

The ruling vacated a U.S. Fish and Wildlife Service order from November 3, 2020, which removed gray wolves from the List of Endangered and Threatened Wildlife in the lower 48 states, not include wolves in the northern Rockies, nor the Mexican wolf subspecies.

Wolves in Michigan are classified as a protected game species. It remains illegal to kill a wolf, except in defense of human life. Livestock owners will continue to be compensated for wolf depredation losses. Hunting of wolves while they are on the endangered species list is not permitted.

The DNR had supported the federal rule to delist wolves because the state's wolf population has long surpassed federal and state goals for recovery.

Currently the DNR conducts a survey every other winter to estimate the wolf population. The most recent survey, completed in the winter of 2021-22, resulted in a minimum wolf population estimate of 631 wolves, plus or minus 49 wolves. A total of 136 packs was estimated with an average number of individuals per pack calculated at 4.5.

The wolf population in the U.P. is stable and has remained somewhere between 600 and 700 animals for more than a decade. The continued trend of statistical stability indicates that gray wolves may have reached their biological carrying capacity within the U.P. Wolf presence has only been confirmed twice genetically in the Lower Peninsula in recent times; in 2004 and 2014.

However, wolf density appears to have shifted over time. The density of wolves may have decreased in some areas of the west U.P. and increased in some parts of the east U.P. This may be linked to significant winter weather events during 2013 – 2015, which greatly reduced deer densities in mid- and high-snowfall zones of the region.

For those hunting with dogs the DNR has produced a new online dashboard, making incidence of wolf-dog conflicts more accessible for viewers. The dashboard includes mapped data points of conflicts and a database of incidents over many years. The improvement in presenting the

data was suggested during meetings in 2022 of the Wolf Management Advisory Council and sections of the recently update Michigan Wolf Management Plan.

For more information on gray wolves in Michigan, visit [www.michigan.gov/wolves](http://www.michigan.gov/wolves) and to check out the new wolf-dog conflict online dashboard, visit Wolf-dog conflicts ([www.michigan.gov](http://www.michigan.gov)).

### Coyotes

Coyotes can be trapped from October 15 to March 1 and can be hunted year-round. Coyotes may be taken on private property at any time without a license if doing or about to do damage. Hunters have been able to harvest coyotes during firearm season since 2010. Camps reported harvesting an average of 32 (range 20 – 47) coyotes during firearm season annually from 2011 – 2017. These results suggest that up to 2% of hunters harvest a coyote during firearm season each year.

**Chronic Wasting Disease (CWD):** Chronic wasting disease is a fatal nervous system disease found in animals of the family Cervidae, including deer, moose, and elk. A 4-year-old doe killed in Dickinson County’s Waucedah Township on a deer-damage shooting permit in September 2018 tested positive for CWD. This event marked the first confirmation of CWD in the U.P.

A roughly 10-mile radius core surveillance area was set up in 2018 (totals 660 sq. mi.) and continues to be present, centered on Waucedah Township, where the DNR continues to test deer to better determine the extent of possibly infected deer. The core CWD surveillance area testing goal for the 2022 season was 1,348. As of February 3, 2023, 260 deer within the core surveillance area from 2022 had been tested. However, since 2018 over 2,600 deer from the core CWD surveillance area have been tested, and additional deer have been tested from outside the core CWD surveillance area. No new positives have been detected since the original positive in September 2018.

Thanks to hunters and others involved for submitting samples to try to reach the surveillance goals and becoming actively involved in preventing the spread of CWD. Visit [www.michigan.gov/cwd](http://www.michigan.gov/cwd) for more information and the latest updates on CWD

**Deer Research Projects:** Researchers from the DNR and the Camp Fire Program in Wildlife Conservation (CFPWC) at the State University of New York, College of Environmental Science and Forestry were involved with the following deer studies in the U.P. in past years:

- deer fawn survival in the U.P., as influenced by predators, winter weather, and habitat – <https://campfirewildlife.com/projects/predator-prey/the-study/>
- deer movement in the U.P. – <https://campfirewildlife.com/projects/deer-movement/the-study/>

Results and more information about this research can be viewed at the web sites indicated.

**Acknowledgements:** This survey was conducted through the DNR’s Escanaba and Sault Ste. Marie Customer Service Centers. Jo Ann Alexander, Kari Diffenderfer, and Rebecca Randazzo handled the many administrative aspects of the survey. David Jentoft and Colter Lubben coordinated the survey and prepared this report. This project was supported by the Federal Aid in Wildlife Restoration Act, Michigan Project W-147-R-5.

**Table 1. SUMMARY OF THE U.P. DEER CAMP SURVEY – ENTIRE UPPER PENINSULA**

		Firearm Season										
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Number of camps participating in survey</i>		551	543	492	547	522	486	468	443	420	395	350
<i>Number of hunters</i>		2,429	2,469	2,046	2,277	2,043	1,962	1,901	1,803	1,519	1,572	1,334
<i>Total days spent hunting</i>		14,681	15,238	11,908	13,931	11,939	10,916	10,126	10,060	9,648	8,585	7,223
<i>Days hunted per hunter</i>		6	6	6	6	6	6	5	6	6	5	5
<i>Percentage of hunters killing a buck</i>		31%	25%	19%	14%	20%	29%	33%	26%	22%	26%	24%
<i>Percentage of buck sightings resulting in a kill</i>		13%	14%	14%	16%	12%	9%	13%	14%	12%	11%	9%
<i>Percentage of hunters killing an antlerless deer</i>		6%	4%	4%	1%	2%	5%	4%	4%	5%	6%	5%
<i>Bucks killed per 100 hunter days</i>		5	4	3	2	3	5	7	5	4	5	5
<i>Bucks observed per hunter - entire season</i>		3	2	1	1	2	3	3	2	2	2	3
<i>Antlerless observed per hunter - entire season</i>		18	12	14	9	13	19	18	14	14	14	16
<i>Total deer observed per hunter - entire season</i>		20	14	16	10	15	22	21	16	16	16	19
<i>Bucks observed per 10 hunter days</i>		4.3	3.1	2.4	1.5	3.0	6.0	5.2	3.6	3.0	4.5	5.0
<i>Antlerless deer observed per hunter day</i>		2.9	2.0	2.5	1.4	2.2	3.4	3.4	2.6	2.3	2.5	2.9
<i>Total deer observed per hunter day</i>		3.3	2.3	2.7	1.6	2.5	4.0	3.9	3.0	2.6	3.0	3.4
<i>Fawns observed per 100 does</i>		52	40	41	50	65	58	51	49	49	56	53
<i>Does per buck (observed) on opening day</i>		3	3	5	4	3	3	3	3	4	3	3
<i>Size of deer herd compared to last year:</i>												
	<i>More</i>	34%	7%	10%	5%	35%	63%	37%	13%	9%	22%	21%
	<i>Same</i>	40%	19%	17%	13%	35%	25%	40%	33%	28%	34%	34%
	<i>Less</i>	26%	74%	73%	82%	30%	12%	23%	54%	63%	44%	45%
<i>Rating of the deer season:</i>												
	<i>Excellent</i>	9%	5%	3%	1%	1%	10%	11%	6%	3%	6%	5%
	<i>Good</i>	36%	13%	11%	6%	19%	41%	41%	24%	16%	23%	28%
	<i>Fair</i>	33%	30%	26%	17%	36%	33%	30%	30%	28%	33%	30%
	<i>Poor</i>	22%	52%	60%	76%	44%	16%	18%	40%	53%	38%	37%

**Table 2. U.P. DEER CAMP SURVEY – West U.P. Summary**  
**Firearm Season - All Deer Management Units Combined**  
*see map on page 11 for the West U.P. survey area*

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Number of camps participating in survey</i>	305	318	362	357	369	414	402	412	400	405	341	404	383	354	334	312	304	282	249
<i>Number of hunters</i>	1,462	1,510	1,744	1,738	1,740	1,930	1,790	1,805	1,780	1,837	1,490	1,694	1,478	1,430	1,323	1,254	1,101	1,064	905
<i>Total days spent hunting</i>	9,960	9,152	11,107	10,709	11,397	13,233	11,306	11,056	10,947	11,809	8,825	10,417	8,826	8,102	7,282	7,363	7,159	6,028	5,019
<i>Days hunted per hunter</i>	7	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	7	6	6
<i>Percentage of hunters killing a buck</i>	24%	24%	29%	33%	30%	21%	25%	27%	34%	26%	19%	15%	20%	30%	34%	29%	24%	29%	28%
<i>Percentage of buck sightings resulting in a kill</i>										13%	13%	16%	11%	8%	12%	14%	11%	11%	9%
<i>Percentage of hunters killing an antlerless deer</i>	10%	8%	8%	7%	8%	5%	4%	6%	7%	4%	4%	2%	2%	6%	5%	5%	5%	7%	5%
<i>Bucks observed per hunter - entire season</i>	2	2	2	3	3	2	2	3	3	2	2	1	2	4	3	2	2	3	3
<i>Antlerless observed per hunter - entire season</i>	13	14	16	19	19	11	15	18	19	13	15	9	14	21	19	15	15	15	16
<i>Total deer observed per hunter - entire season</i>	15	16	18	22	22	13	17	21	22	15	17	10	16	25	22	17	18	18	19
<i>Bucks observed per 10 hunter days</i>	3.0	3.0	3.0	4.0	4.0	3.0	3.0	4.0	4.8	3.3	2.6	1.6	3.1	6.7	5.6	3.8	3.4	5.1	5.5
<i>Antlerless deer observed per hunter day</i>	1.9	2.4	2.5	3.1	2.8	1.6	2.3	3.0	3.1	2.0	2.6	1.5	2.3	3.6	3.5	2.6	2.4	2.7	3.0
<i>Deer observed per hunter day</i>	2.2	2.7	2.8	3.5	3.2	1.9	2.6	3.4	3.6	2.3	2.8	1.6	2.6	4.3	4.0	3.0	2.7	3.2	3.5
<i>Fawns observed per 100 does</i>	46	57	55	55	47	44	58	54	52	41	40	50	66	60	52	52	50	58	54
<i>Does per buck (observed) on opening day</i>	3	4	3	3	3	3	3	3	3	3	5	4	3	3	3	3	3	2	3
<i>Size of deer herd compared to last year:</i>																			
<i>More</i>	5%	14%	23%	32%	10%	1%	23%	36%	34%	6%	9%	6%	35%	64%	35%	12%	10%	23%	19%
<i>Same</i>	20%	26%	38%	39%	30%	12%	34%	36%	40%	15%	17%	12%	33%	24%	41%	33%	28%	34%	34%
<i>Less</i>	75%	60%	39%	29%	60%	87%	43%	28%	26%	79%	74%	82%	32%	12%	24%	55%	62%	43%	47%
<i>Rating of the deer season:</i>																			
<i>Excellent</i>	4%	6%	4%	9%	6%	2%	4%	8%	11%	5%	4%	1%	1%	11%	11%	5%	4%	7%	4%
<i>Good</i>	15%	13%	27%	34%	25%	9%	18%	29%	35%	12%	9%	7%	17%	43%	41%	26%	16%	25%	26%
<i>Fair</i>	23%	31%	32%	36%	33%	23%	33%	32%	33%	29%	25%	16%	37%	31%	29%	31%	27%	34%	35%
<i>Poor</i>	58%	50%	37%	21%	36%	66%	45%	31%	21%	54%	62%	76%	45%	15%	19%	38%	53%	34%	35%

**Table 3. U.P. DEER CAMP SURVEY – East U.P. Summary**  
**Firearm Season - All Deer Management Units Combined**  
*see map on [page 12](#) for the East U.P. survey area*

	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Number of camps participating in survey</i>	88	98	100	96	100	118	129	140	151	138	151	143	139	132	134	131	116	113	101
<i>Number of hunters</i>	398	403	444	458	490	535	561	567	649	632	556	583	565	532	578	549	418	508	429
<i>Total days spent hunting</i>	2,475	2,375	2,750	2,625	3,041	3,318	3,385	3,327	3,734	3,527	3,015	3,514	3,113	2,814	2,844	2,697	2,489	2,557	2,204
<i>Days hunted per hunter</i>	6	6	6	6	6	6	6	6	6	6	5	6	6	5	5	5	6	5	5
<i>Percentage of hunters killing a buck</i>	20%	19%	19%	26%	26%	15%	17%	22%	25%	21%	17%	10%	22%	25%	31%	21%	18%	20%	17%
<i>Percentage of buck sightings resulting in a kill</i>	22%	25%	17%	17%	14%	17%	16%	15%	15%	16%	17%	15%	15%	11%	15%	14%	16%	12%	9%
<i>Percentage of hunters killing an antlerless deer</i>	4%	6%	6%	5%	10%	3%	1%	0%	1%	3%	0%	0%	1%	0%	0%	2%	1%	3%	3%
<i>Bucks observed per hunter - entire season</i>	1	1	1	2	2	1	1	1	2	1	1	1	1	2	2	1	1	2	2
<i>Antlerless observed per hunter - entire season</i>	9	10	10	12	11	7	10	11	13	10	12	8	10	14	15	13	12	10	14
<i>Total deer observed per hunter - entire season</i>	10	10	11	14	13	8	11	12	15	11	13	9	11	16	17	14	13	12	16
<i>Bucks observed per 10 hunter days</i>	1.0	1.4	1.9	2.8	3.2	1.5	1.7	2.4	2.9	2.3	1.8	1.1	2.6	4.2	4.1	3.0	1.9	3.3	3.8
<i>Antlerless deer observed per hunter day</i>	1.4	1.6	1.6	2.1	1.9	1.1	1.7	1.8	2.3	1.8	2.3	1.3	1.9	2.7	3.1	2.6	2.0	2.0	2.7
<i>Deer observed per hunter day</i>	1.5	1.7	1.8	2.4	2.2	1.2	1.9	2.1	2.6	2.1	2.5	1.4	2.1	3.1	3.5	2.9	2.2	2.3	3.0
<i>Fawns observed per 100 does</i>	56	61	54	47	41	43	57	51	52	39	47	49	60	51	48	41	44	50	50
<i>Does per buck (observed) on opening day</i>	3	4	4	3	3	4	4	3	3	4	6	4	3	4	4	5	5	3	3
<i>Size of deer herd compared to last year: More</i>	5%	7%	22%	38%	24%	4%	12%	24%	36%	10%	14%	3%	35%	61%	42%	16%	5%	19%	26%
<i>Same</i>	24%	28%	38%	32%	30%	14%	32%	36%	40%	30%	15%	14%	40%	26%	38%	34%	30%	34%	36%
<i>Less</i>	71%	65%	40%	30%	46%	81%	57%	36%	24%	61%	71%	83%	25%	13%	20%	50%	65%	47%	38%
<i>Rating of the deer season: Excellent</i>	1%	2%	5%	10%	10%	1%	2%	2%	5%	4%	2%	0%	2%	7%	10%	6%	1%	2%	5%
<i>Good</i>	11%	15%	23%	30%	29%	13%	10%	19%	37%	18%	18%	4%	24%	34%	40%	20%	14%	21%	33%
<i>Fair</i>	25%	27%	26%	35%	31%	17%	33%	41%	34%	33%	27%	19%	35%	38%	36%	30%	30%	30%	22%
<i>Poor</i>	63%	56%	46%	25%	30%	69%	55%	35%	24%	46%	53%	77%	39%	21%	14%	44%	55%	47%	40%

**Table 4. SUMMARY OF 2022 U.P. DEER CAMP SURVEY**  
**Firearm Season – Individual Deer Management Units**  
*see map on page 4 for DMU locations*

		<i>Deer Management Unit</i>																					
		007	017	021	022	027	031	036	042	048	055	066	117	121	122	127	131	152	155	249	252	255	349
<i>Number of camps participating in survey</i>		22	41	37	17	17	14	16	6	24	36	11	11	9	4	4	4	14	10	13	9	19	12
<i>Number of hunters</i>		79	158	139	60	47	57	57	34	79	153	28	59	35	12	9	12	57	28	49	30	68	84
<i>Total days spent hunting</i>		437	1,016	736	378	258	252	353	166	382	899	145	203	251	51	38	49	301	142	295	177	386	308
<i>Days hunted per hunter</i>		6	6	5	6	5	4	6	5	5	6	5	3	7	4	4	4	5	5	6	6	6	4
<i>Percentage of hunters killing a buck</i>		22%	20%	24%	30%	28%	23%	18%	21%	23%	38%	14%	10%	49%	33%	44%	33%	23%	46%	18%	17%	25%	7%
<i>Percentage of buck sightings resulting in a kill</i>		18%	7%	13%	6%	16%	10%	7%	30%	20%	8%	16%	4%	5%	5%	57%	10%	14%	11%	18%	16%	10%	8%
<i>Percentage of hunters killing an antlerless deer</i>		8%	4%	2%	12%	2%	4%	2%	0%	0%	12%	0%	0%	3%	8%	0%	0%	0%	4%	2%	17%	12%	2%
<i>Bucks killed per 100 hunter days</i>		4	3	5	5	5	6	3	4	5	7	3	3	7	8	11	8	4	9	3	3	5	2
<i>Bucks observed per hunter - entire season</i>		1	3	2	5	2	3	3	1	1	5	1	3	9	7	1	3	2	4	1	1	3	1
<i>Antlerless observed per hunter - entire season</i>		8	20	12	22	12	16	12	6	12	27	11	11	26	14	2	17	13	20	8	10	23	8
<i>Total deer observed per hunter - entire season</i>		9	23	14	27	14	19	15	6	13	32	12	14	35	21	3	20	15	25	9	11	25	9
<i>Bucks observed per 10 hunter days</i>		2.3	4.4	3.6	7.6	3.1	5.8	4.2	1.4	2.3	8.9	1.7	8.4	12.4	15.9	1.8	8.2	3.1	8.4	1.9	1.8	4.8	2.3
<i>Antlerless deer observed per hunter day</i>		1.4	3.1	2.3	3.5	2.2	3.6	2.0	1.1	2.5	4.5	2.1	3.1	3.7	3.4	0.5	4.1	2.5	4.0	1.4	1.7	4.0	2.1
<i>Total deer observed per hunter day</i>		1.6	3.6	2.6	4.3	2.5	4.2	2.4	1.3	2.7	5.4	2.3	4.0	4.9	5.0	0.7	4.9	2.8	4.9	1.6	1.8	4.4	2.4
<i>Fawns observed per 100 does</i>		47	45	61	38	53	51	27	19	59	64	30	39	54	37	0	82	43	76	74	74	68	59
<i>Does per buck (observed) on opening day</i>		4	3	2	2	3	3	3	4	6	2	8	3	2	1	1	3	4	2	2	3	4	5
<i>Size of deer herd compared to last year:</i>	<i>More</i>	19%	29%	22%	29%	21%	7%	8%	17%	20%	16%	11%	27%	22%	25%	25%	50%	15%	20%	38%	14%	17%	8%
	<i>Same</i>	38%	37%	32%	36%	21%	36%	31%	17%	40%	38%	33%	55%	33%	0%	25%	50%	38%	50%	15%	9%	39%	33%
	<i>Less</i>	43%	34%	46%	35%	58%	58%	61%	66%	40%	46%	56%	18%	45%	75%	50%	0%	47%	30%	47%	72%	44%	59%
<i>Rating of the deer season:</i>	<i>Excellent</i>	5%	10%	0%	6%	0%	0%	0%	0%	0%	9%	0%	9%	11%	25%	0%	0%	14%	10%	0%	0%	0%	0%
	<i>Good</i>	24%	41%	28%	25%	14%	23%	14%	17%	35%	47%	11%	27%	33%	25%	33%	50%	7%	20%	31%	14%	29%	8%
	<i>Fair</i>	52%	13%	33%	31%	57%	15%	14%	50%	15%	29%	45%	46%	12%	0%	0%	50%	43%	50%	15%	43%	29%	50%
	<i>Poor</i>	19%	36%	39%	38%	29%	62%	72%	33%	50%	15%	44%	18%	44%	50%	67%	0%	36%	20%	54%	43%	42%	42%

**Table 5. Number of furbearer and other wildlife sightings by Deer Management Unit  
2022 Firearm Season**

see map on [page 4](#) for DMU locations

*Deer Management Unit*

	007	017	021	022	027	031	036	042	048	055	066	117	121	122	127	131	152	155	249	252	255	349	TOTALS
<i>Turkey</i>	47	256	134	164	32	71	41	12	0	387	18	0	98	0	0	3	13	60	11	7	193	20	1,567
<i>Wolf</i>	8	19	10	10	7	25	18	6	6	22	12	5	12	0	1	3	0	5	8	3	12	4	196
<i>Coyote</i>	6	25	12	4	9	6	10	14	9	23	11	2	8	6	2	0	3	2	8	1	11	10	182
<i>Marten</i>	15	0	2	2	3	1	5	2	13	3	2	0	0	0	0	1	1	0	3	0	0	2	55
<i>Fox</i>	4	1	0	2	2	0	4	0	5	5	8	1	1	0	3	0	1	0	3	0	3	0	43
<i>Fisher</i>	5	1	4	1	4	2	0	2	5	1	4	1	0	0	0	0	0	1	1	2	0	2	36
<i>Bear</i>	0	7	2	2	0	1	1	0	3	6	1	1	0	0	0	0	0	0	2	1	7	0	34
<i>Bobcat</i>	1	2	2	1	0	0	0	0	1	7	0	2	1	1	0	1	2	2	1	1	3	4	32
<i>Moose</i>	6	0	0	0	0	0	15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	22
<i>Cougar</i>	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
<i>Feral Pig</i>	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Sq. miles</i>	1,780	792	1,471	897	1,237	818	987	798	2,024	909	862	135	284	163	328	538	385	249	859	297	463	468	16,744
<i>Hunters</i>	79	158	139	60	47	57	57	34	79	153	28	59	35	12	9	12	57	28	49	30	68	84	1,334

**Table 6. Furbearer Sightings per 100 Hunter Days**

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Coyote</i>	2.1	2.3	2.9	2.8	2.3	2.8	3.3	2.9	2.6	2.9	2.6	2.3	2.3	2.1	2.7	2.7	2.7	2.4	2.7	2.5
<i>Wolf</i>	0.7	1.1	1.3	1.2	0.9	1.4	2.6	1.5	1.5	1.7	2.0	2.1	1.9	1.4	1.7	1.6	2.6	3.2	2.5	2.7
<i>Fisher</i>	0.2	0.3	0.4	0.3	0.3	0.4	0.4	0.5	0.4	0.6	0.3	0.2	0.4	0.4	0.4	0.4	0.9	0.7	0.7	0.5
<i>Marten</i>	0.2	0.6	0.7	0.3	0.5	0.5	1.2	0.7	0.9	1.0	0.6	0.8	0.9	0.9	0.9	0.9	0.8	0.8	1.2	0.8
<i>Bobcat</i>	0.8	0.4	0.3	0.2	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.4	0.3	0.3	0.3	0.4	0.4	0.6	0.5	0.4
<i>Fox</i>	0.1	0.2	0.2	0.2	0.1	0.3	0.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.3	0.7	0.4	0.6
<i>Cougar</i>	0.0	<0.1	<0.1	0.0	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

## DEER MANAGEMENT UNIT 007

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	35	38	41	41	38	39	40	23	33	36	33	33	32	31	30	22
<i>Hunters</i>	154	164	193	178	164	164	177	101	152	133	146	131	141	110	124	79
<i>% killing a buck</i>	27%	32%	13%	26%	23%	36%	26%	12%	12%	22%	26%	34%	23%	17%	20%	22%
<i>Deer seen per day</i>	1.6	2.0	1.2	1.6	2.4	2.3	1.6	0.9	1.3	2.0	2.6	2.4	1.6	1.7	1.8	1.6
<i>Fawns seen per 100 does</i>	48	45	50	69	52	52	36	41	65	67	58	46	39	43	44	47
<i>Does seen per buck</i>	4	3	4	4	4	3	3	9	4	3	2	4	4	4	4	4
<i>More deer than last year</i>	26%	8%	0%	17%	44%	32%	3%	0%	6%	35%	66%	30%	3%	0%	22%	19%
<i>Same number deer</i>	40%	30%	26%	29%	41%	42%	21%	4%	6%	33%	19%	40%	26%	28%	44%	38%
<i>Fewer deer</i>	34%	62%	74%	54%	15%	26%	76%	96%	88%	32%	15%	30%	71%	72%	33%	43%
<i>Season good-to-excellent</i>	21%	24%	7%	10%	34%	43%	15%	5%	6%	12%	50%	52%	22%	4%	23%	29%
<i>Season fair-to-poor</i>	79%	76%	93%	90%	66%	57%	85%	95%	94%	88%	50%	48%	78%	96%	77%	71%

**Most frequent comments received:**

Wolves having a negative impact on deer	3
Observed fewer wolves or wolf sign	3
Fewer deer observed this season	2
Control wolves or allow us to control them	2
More deer observed this season	2
Less shooting heard	2
Reinstate antlerless harvest on combo	2

## DEER MANAGEMENT UNIT 017

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	36	39	48	59	55	60	57	58	52	51	49	51	47	44	41	41
<i>Hunters</i>	165	192	216	244	229	253	246	211	193	205	193	212	191	171	196	158
<i>% killing a buck</i>	25%	21%	12%	16%	19%	25%	21%	13%	13%	21%	26%	28%	20%	18%	21%	20%
<i>Deer seen per day</i>	2.7	2.5	1.3	2.0	1.9	2.9	2.3	2.7	1.8	3.1	3.4	3.7	3.3	3.0	2.7	3.6
<i>Fawns seen per 100 does</i>	43	41	37	56	49	52	41	54	56	69	50	50	42	42	42	45
<i>Does seen per buck</i>	4	3	4	5	4	3	4	8	4	3	4	4	4	4	3	3
<i>More deer than last year</i>	33%	13%	6%	14%	20%	37%	13%	17%	6%	44%	54%	43%	19%	5%	16%	29%
<i>Same number deer</i>	34%	29%	15%	30%	36%	44%	36%	17%	17%	38%	33%	37%	30%	21%	24%	37%
<i>Fewer deer than last year</i>	33%	58%	79%	56%	44%	19%	51%	66%	77%	18%	13%	20%	51%	74%	60%	34%
<i>Season good-to-excellent</i>	42%	28%	10%	14%	17%	47%	19%	15%	8%	33%	45%	47%	27%	18%	29%	51%
<i>Season fair-to-poor</i>	59%	72%	90%	87%	79%	53%	81%	85%	92%	67%	55%	53%	73%	82%	71%	49%

**Most frequent comments received:**

More deer observed this season	5
Fawns were not abundant or fewer in number	4
Fewer deer observed this season	3
Numerous wolves, tracks, or howls in my area	3
More young bucks	3
We let small bucks go	3
Wolves having a negative impact on deer	3

## DEER MANAGEMENT UNIT 021

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	54	48	56	53	54	54	53	54	55	53	51	49	44	44	37	37
<i>Hunters</i>	240	200	255	223	221	222	236	226	223	196	177	195	165	146	139	139
<i>% killing a buck</i>	20%	19%	12%	13%	14%	27%	13%	15%	9%	14%	27%	23%	22%	23%	22%	24%
<i>Deer seen per day</i>	1.8	2.6	0.8	1.1	1.7	1.9	1.0	2.0	0.8	1.4	2.7	3.4	3.3	2.4	2.8	2.6
<i>Fawns seen per 100 does</i>	51	45	37	59	56	50	30	28	55	62	50	63	54	71	60	61
<i>Does seen per buck</i>	4	5	4	3	3	2	3	5	4	3	3	5	3	3	3	2
<i>More deer than last year</i>	18%	25%	0%	13%	33%	42%	8%	13%	6%	33%	61%	28%	28%	8%	22%	22%
<i>Same number deer</i>	36%	33%	4%	31%	31%	35%	19%	31%	9%	28%	31%	42%	27%	47%	24%	32%
<i>Fewer deer</i>	46%	42%	96%	56%	36%	23%	73%	56%	85%	39%	8%	30%	45%	45%	54%	46%
<i>Season good-to-excellent</i>	22%	32%	2%	2%	25%	40%	10%	13%	5%	22%	54%	41%	40%	28%	24%	28%
<i>Season fair-to-poor</i>	78%	68%	98%	98%	75%	60%	90%	87%	95%	78%	46%	59%	60%	72%	76%	72%

### Most frequent comments received:

Fewer deer observed this season	5
Wolves having a negative impact on deer	3
Control wolves or allow us to control them	3
Reduce or eliminate antlerless licenses in unit	3
Support harvest reporting	3

## DEER MANAGEMENT UNIT 022

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	20	26	29	24	22	26	23	25	26	25	23	24	21	19	15	17
<i>Hunters</i>	104	137	138	108	87	109	99	95	104	100	74	78	79	68	45	60
<i>% killing a buck</i>	43%	40%	41%	34%	28%	40%	33%	22%	13%	17%	32%	46%	42%	16%	33%	30%
<i>Deer seen per day</i>	4.6	3.2	2.7	3.7	4.7	3.1	2.1	3.0	1.7	3.2	5.5	6.3	2.8	3.3	4.4	4.3
<i>Fawns seen per 100 does</i>	57	42	40	46	49	41	30	30	42	60	60	46	38	44	63	38
<i>Does seen per buck</i>	3	2	2	3	3	3	3	6	4	5	2	4	2	4	2	2
<i>More deer than last year</i>	45%	4%	0%	17%	36%	12%	9%	8%	4%	42%	78%	75%	11%	16%	15%	29%
<i>Same number deer</i>	35%	38%	18%	48%	32%	46%	13%	12%	4%	33%	13%	20%	21%	16%	38%	36%
<i>Fewer deer</i>	20%	58%	82%	35%	32%	42%	78%	80%	92%	25%	9%	5%	68%	68%	46%	35%
<i>Season good-to-excellent</i>	55%	54%	20%	30%	37%	54%	39%	12%	4%	13%	61%	65%	30%	10%	18%	31%
<i>Season fair-to-poor</i>	45%	46%	80%	70%	63%	46%	61%	88%	96%	87%	39%	35%	70%	90%	82%	69%

### Most frequent comments received:

Control wolves or allow us to control them	2
More deer observed this season	2
More young bucks	2
We let small bucks go	2
Observed fewer wolves or wolf sign	2
Disagree with the bait ban	2

## DEER MANAGEMENT UNIT 027

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	9	9	18	22	25	27	28	20	27	24	22	21	23	25	23	17
<i>Hunters</i>	41	39	69	86	102	108	117	86	92	71	74	72	78	82	73	47
<i>% killing a buck</i>	37%	28%	20%	26%	25%	33%	25%	10%	9%	14%	27%	28%	31%	30%	16%	28%
<i>Deer seen per day</i>	3.8	1.7	1.3	2.1	3.4	3.7	2.1	1.4	1.3	1.9	3.0	3.3	2.1	1.7	1.4	2.5
<i>Fawns seen per 100 does</i>	54	15	32	37	38	53	28	22	30	63	50	36	42	37	43	53
<i>Does seen per buck</i>	6	4	4	6	5	4	4	9	11	5	3	5	4	5	5	3
<i>More deer than last year</i>	50%	22%	0%	32%	33%	30%	8%	5%	0%	24%	57%	42%	10%	14%	32%	21%
<i>Same number deer</i>	25%	11%	0%	41%	17%	44%	16%	16%	18%	24%	24%	47%	25%	31%	21%	21%
<i>Fewer deer</i>	25%	67%	100%	27%	50%	26%	76%	79%	82%	52%	19%	11%	65%	55%	47%	58%
<i>Season good-to-excellent</i>	56%	33%	5%	32%	30%	41%	19%	10%	13%	0%	38%	42%	20%	27%	17%	14%
<i>Season fair-to-poor</i>	44%	67%	95%	68%	70%	59%	81%	90%	87%	100%	62%	58%	80%	73%	83%	86%

**Most frequent comments received:**

Fewer deer observed this season	4
Numerous wolves, tracks, or howls in my area	2
Less shooting heard	2

## DEER MANAGEMENT UNIT 031

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	8	7	12	6	16	16	13	12	14	14	11	14	12	11	14	14
<i>Hunters</i>	21	30	63	29	65	65	71	47	71	54	57	61	62	52	61	57
<i>% killing a buck</i>	33%	27%	21%	24%	45%	32%	30%	28%	21%	24%	30%	44%	31%	15%	28%	23%
<i>Deer seen per day</i>	5.9	4.3	1.4	5.0	6.0	4.3	2.2	4.8	1.6	2.2	4.3	3.9	3.3	3.1	4.1	4.2
<i>Fawns seen per 100 does</i>	39	48	33	69	49	54	46	37	53	71	53	55	45	47	51	51
<i>Does seen per buck</i>	5	3	3	4	4	4	3	5	3	5	2	5	3	4	2	3
<i>More deer than last year</i>	37%	17%	0%	50%	71%	38%	8%	20%	25%	31%	73%	31%	0%	10%	38%	7%
<i>Same number deer</i>	63%	33%	0%	17%	22%	31%	8%	0%	25%	38%	0%	54%	55%	10%	54%	36%
<i>Fewer deer</i>	0%	50%	100%	33%	7%	31%	84%	80%	50%	31%	27%	15%	45%	80%	8%	58%
<i>Season good-to-excellent</i>	50%	50%	0%	33%	79%	40%	0%	8%	16%	15%	55%	54%	18%	27%	33%	23%
<i>Season fair-to-poor</i>	50%	50%	100%	67%	21%	60%	100%	92%	84%	85%	45%	46%	82%	73%	67%	77%

**Most frequent comments received:**

Wolves having a negative impact on deer	4
Fewer deer observed this season	2
Numerous wolves, tracks, or howls in my area	2
Fewer mature bucks on camera/seen	2

## DEER MANAGEMENT UNIT 036

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	30	32	31	33	35	32	33	25	32	26	26	23	19	20	19	16
<i>Hunters</i>	132	144	137	137	139	140	147	124	139	93	93	93	84	73	69	57
<i>% killing a buck</i>	35%	29%	20%	33%	25%	38%	22%	15%	9%	8%	32%	40%	20%	15%	20%	18%
<i>Deer seen per day</i>	3.8	3.4	1.5	3.1	3.9	3.3	3.0	2.6	1.2	1.8	4.2	3.8	2.0	2.3	1.6	2.4
<i>Fawns seen per 100 does</i>	53	42	34	61	52	38	36	30	43	70	57	41	43	50	46	27
<i>Does seen per buck</i>	2	3	3	2	3	3	3	6	13	3	3	4	5	3	2	3
<i>More deer than last year</i>	52%	3%	3%	27%	36%	22%	6%	4%	0%	35%	84%	43%	6%	12%	13%	8%
<i>Same number deer</i>	31%	45%	19%	46%	49%	56%	25%	8%	13%	35%	16%	48%	44%	23%	24%	31%
<i>Fewer deer</i>	17%	52%	78%	27%	15%	22%	69%	88%	87%	30%	0%	9%	50%	65%	63%	61%
<i>Season good-to-excellent</i>	52%	29%	10%	21%	42%	53%	19%	0%	0%	4%	56%	57%	27%	11%	19%	14%
<i>Season fair-to-poor</i>	48%	71%	90%	79%	58%	47%	81%	100%	100%	96%	44%	43%	73%	89%	81%	86%

**Most frequent comments received:**

Fewer deer observed this season	3
Numerous wolves, tracks, or howls in my area	3
Fewer mature bucks on camera/seen	3
Wolves having a negative impact on deer	2

## DEER MANAGEMENT UNIT 042

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	3	6	7	12	12	11	12	10	12	9	10	9	10	8	8	6
<i>Hunters</i>	21	34	45	78	73	77	75	48	59	49	58	38	42	37	37	34
<i>% killing a buck</i>	38%	35%	24%	31%	42%	32%	32%	15%	10%	29%	33%	32%	19%	16%	22%	21%
<i>Deer seen per day</i>	2.6	2.4	1.0	1.5	2.4	2.2	1.2	1.3	0.8	1.1	2.3	2.3	1.0	1.1	1.3	1.3
<i>Fawns seen per 100 does</i>	56	11	4	18	28	26	18	15	26	33	56	41	29	26	39	19
<i>Does seen per buck</i>	2	2	2	2	3	3	2	3	7	3	4	4	3	6	3	4
<i>More deer than last year</i>	50%	20%	0%	33%	27%	9%	0%	10%	0%	33%	40%	43%	0%	0%	38%	17%
<i>Same number deer</i>	50%	20%	0%	34%	64%	82%	17%	10%	8%	23%	40%	28%	11%	13%	13%	17%
<i>Fewer deer</i>	0%	60%	100%	33%	9%	9%	83%	80%	92%	44%	20%	29%	89%	87%	49%	66%
<i>Season good-to-excellent</i>	100%	34%	0%	33%	64%	46%	33%	0%	0%	33%	30%	28%	0%	0%	13%	17%
<i>Season fair-to-poor</i>	0%	66%	100%	67%	36%	54%	67%	100%	100%	67%	70%	72%	100%	100%	87%	83%

**Most frequent comments received:**

Deep snow limited access to blinds	4
Fewer deer observed this season	2
Wolves having a negative impact on deer	2

## DEER MANAGEMENT UNIT 048

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	27	26	24	23	33	37	31	34	36	36	36	36	38	30	32	24
<i>Hunters</i>	140	130	103	99	138	161	147	116	148	140	136	150	133	101	128	79
<i>% killing a buck</i>	28%	29%	15%	19%	28%	29%	23%	17%	3%	23%	29%	31%	23%	11%	16%	23%
<i>Deer seen per day</i>	2.7	2.2	1.2	1.7	1.9	2.6	1.6	2.1	0.9	1.4	2.9	2.9	2.4	1.3	1.8	2.7
<i>Fawns seen per 100 does</i>	47	47	51	58	55	52	25	47	54	51	48	57	51	43	67	59
<i>Does seen per buck</i>	4	3	5	3	2	4	3	6	3	3	5	4	5	15	3	6
<i>More deer than last year</i>	48%	38%	4%	9%	30%	50%	13%	14%	0%	31%	81%	37%	13%	13%	16%	20%
<i>Same number deer</i>	36%	21%	4%	43%	48%	25%	19%	0%	13%	36%	5%	29%	27%	26%	42%	40%
<i>Fewer deer than last year</i>	16%	42%	92%	48%	21%	25%	68%	86%	87%	33%	14%	34%	60%	61%	42%	40%
<i>Season good-to-excellent</i>	44%	48%	13%	13%	36%	53%	22%	18%	0%	17%	44%	44%	33%	8%	9%	35%
<i>Season fair-to-poor</i>	56%	52%	88%	87%	63%	47%	78%	82%	100%	83%	56%	56%	67%	92%	91%	65%

**Most frequent comments received:**

Wolves having a negative impact on deer	4
Numerous wolves, tracks, or howls in my area	4
Did not hunt in the U.P. due to low deer numbers	3
Fewer deer observed this season	2

## DEER MANAGEMENT UNIT 055

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	55	57	54	56	57	54	52	46	52	52	51	45	43	40	38	36
<i>Hunters</i>	288	286	281	273	289	284	262	240	249	241	226	182	199	149	160	153
<i>% killing a buck</i>	37%	34%	28%	31%	29%	40%	34%	30%	29%	29%	42%	37%	43%	38%	48%	38%
<i>Deer seen per day</i>	3.9	3.6	2.8	3.4	3.5	4.5	3.2	3.0	2.6	3.6	6.0	4.8	4.4	4.3	5.0	5.4
<i>Fawns seen per 100 does</i>	60	49	48	63	64	61	59	50	62	67	74	60	65	61	78	64
<i>Does seen per buck</i>	3	2	2	2	2	3	4	3	2	3	2	3	3	3	2	2
<i>More deer than last year</i>	22%	2%	4%	27%	27%	29%	6%	2%	8%	39%	56%	14%	20%	22%	18%	16%
<i>Same number deer</i>	41%	28%	7%	31%	39%	44%	14%	33%	25%	30%	36%	59%	43%	37%	41%	38%
<i>Fewer deer</i>	37%	70%	89%	42%	34%	27%	80%	65%	67%	31%	8%	27%	37%	41%	41%	46%
<i>Season good-to-excellent</i>	48%	30%	17%	33%	41%	52%	24%	20%	23%	37%	69%	61%	55%	43%	56%	56%
<i>Season fair-to-poor</i>	52%	70%	83%	67%	59%	48%	76%	80%	77%	63%	31%	29%	45%	57%	44%	44%

**Most frequent comments received:**

Wolves having a negative impact on deer	3	We let small bucks go	2
More young bucks	3	Fawns were not abundant or fewer in number	2
Numerous wolves, tracks, or howls in my area	2	Worst season ever	2
Fewer deer observed this season	2	Support harvest reporting	2
Fewer mature bucks on camera/seen	2	Fewer bucks or buck sign	2
Numerous coyotes, tracks, or howls in my area	2	Continue to give out free patches	2
Like the old combination license rules (no APRs on one tag)	2	Less does seen	2

## DEER MANAGEMENT UNIT 066

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	7	8	13	14	16	14	18	9	16	16	14	11	13	10	12	11
<i>Hunters</i>	28	43	39	50	62	51	73	26	44	54	48	37	46	33	37	28
<i>% killing a buck</i>	25%	14%	10%	14%	29%	35%	36%	12%	18%	24%	31%	32%	35%	27%	49%	14%
<i>Deer seen per day</i>	2.0	2.1	1.2	1.8	3.3	4.3	2.0	0.7	0.8	1.3	1.9	1.9	2.1	1.4	2.4	2.3
<i>Fawns seen per 100 does</i>	31	47	33	62	65	51	21	42	42	39	23	24	26	43	9	30
<i>Does seen per buck</i>	5	13	31	3	5	3	3	9	2	3	4	5	5	6	2	8
<i>More deer than last year</i>	43%	0%	0%	8%	37%	57%	6%	0%	0%	27%	31%	18%	15%	0%	8%	11%
<i>Same number deer</i>	0%	13%	0%	31%	50%	36%	11%	11%	0%	33%	31%	27%	23%	40%	34%	33%
<i>Fewer deer</i>	57%	87%	100%	61%	13%	7%	83%	89%	100%	40%	38%	55%	62%	60%	58%	56%
<i>Season good-to-excellent</i>	28%	25%	7%	7%	25%	50%	11%	0%	6%	7%	23%	19%	23%	10%	36%	11%
<i>Season fair-to-poor</i>	72%	75%	93%	93%	75%	50%	89%	100%	94%	93%	77%	81%	77%	90%	64%	89%

**Most frequent comments received:**

Deep snow limited access to blinds	3
Numerous wolves, tracks, or howls in my area	2

## DEER MANAGEMENT UNIT 117

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	18	19	23	23	23	22	21	23	18	15	16	17	17	14	15	11
<i>Hunters</i>	60	71	93	97	85	89	103	92	97	72	78	87	91	45	76	59
<i>% killing a buck</i>	27%	30%	30%	19%	21%	21%	20%	12%	12%	18%	19%	28%	18%	20%	18%	10%
<i>Deer seen per day</i>	2.2	2.3	1.6	1.9	2.3	2.3	2.7	3.1	2.1	2.0	3.6	4.8	3.7	2.2	3.8	4.0
<i>Fawns seen per 100 does</i>	37	35	25	53	35	39	41	37	29	24	36	30	19	23	34	39
<i>Does seen per buck</i>	3	2	2	4	4	4	4	6	5	3	3	5	4	4	3	3
<i>More deer than last year</i>	50%	21%	4%	4%	9%	10%	5%	14%	12%	14%	47%	57%	25%	0%	27%	27%
<i>Same number deer</i>	12%	32%	31%	22%	48%	45%	33%	23%	19%	43%	33%	43%	50%	83%	40%	55%
<i>Fewer deer than last year</i>	38%	47%	65%	74%	43%	45%	62%	63%	69%	43%	20%	0%	25%	17%	33%	18%
<i>Season good-to-excellent</i>	35%	42%	26%	8%	13%	23%	24%	23%	6%	21%	25%	64%	33%	17%	36%	36%
<i>Season fair-to-poor</i>	65%	58%	74%	92%	82%	77%	76%	77%	94%	79%	75%	36%	67%	83%	64%	64%

**Most frequent comments received:** no comments common between 2 or more camps, individual comments:

- Fewer mature bucks on camera/seen
- Control wolves or allow us to control them
- Do not like exact location required (within harvest reporting system)
- More young bucks
- More deer observed this season
- Disagree with APR's
- Increase antlerless licenses in unit
- More does seen
- Beech tree loss causing a mast shortage
- Make archery hunters draw an antlerless tag

## DEER MANAGEMENT UNIT 121

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	16	14	14	15	13	13	16	16	18	17	14	11	11	10	11	9
<i>Hunters</i>	72	66	68	65	50	43	58	62	68	67	50	48	52	47	42	35
<i>% killing a buck</i>	39%	36%	16%	15%	28%	42%	26%	21%	22%	22%	46%	54%	46%	45%	43%	49%
<i>Deer seen per day</i>	2.3	3.8	1.9	2.3	3.4	3.6	2.1	3.1	1.7	3.0	5.2	4.7	4.2	4.5	3.9	4.9
<i>Fawns seen per 100 does</i>	34	24	31	40	45	29	23	30	39	47	60	56	54	38	45	54
<i>Does seen per buck</i>	2	2	2	5	3	3	2	4	4	3	3	4	2	2	3	2
<i>More deer than last year</i>	19%	7%	0%	13%	38%	38%	13%	13%	0%	40%	54%	45%	0%	11%	18%	22%
<i>Same number deer</i>	44%	43%	0%	40%	39%	31%	13%	25%	12%	47%	38%	37%	82%	22%	64%	33%
<i>Fewer deer</i>	37%	50%	100%	47%	23%	31%	74%	62%	88%	13%	8%	18%	18%	67%	18%	45%
<i>Season good-to-excellent</i>	31%	28%	0%	7%	38%	31%	13%	25%	12%	13%	62%	64%	54%	50%	55%	44%
<i>Season fair-to-poor</i>	69%	72%	100%	93%	62%	69%	87%	75%	88%	87%	38%	36%	46%	50%	45%	56%

**Most frequent comments received:** there was only one share comment (left), individual camp comments (right)

More young bucks

2

More deer observed this season

Fawns were abundant or higher in number

## DEER MANAGEMENT UNIT 122

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	7	5	10	7	6	3	6	6	6	7	6	7	5	5	4	4
<i>Hunters</i>	35	27	37	34	23	9	27	26	25	25	29	28	15	14	12	12
<i>% killing a buck</i>	34%	37%	11%	24%	22%	22%	26%	27%	16%	16%	17%	29%	40%	14%	8%	33%
<i>Deer seen per day</i>	7.1	4.3	4.8	5.1	6.8	6.1	4.9	5.6	3.6	4.8	7.1	5.1	3.8	4.3	6.3	5.0
<i>Fawns seen per 100 does</i>	61	35	76	49	56	58	72	57	63	74	83	63	48	75	52	37
<i>Does seen per buck</i>	3	5	3	4	4	2	4	3	3	2	2	3	3	1	1	1
<i>More deer than last year</i>	0%	0%	0%	14%	50%	67%	0%	0%	0%	43%	67%	29%	0%	0%	0%	25%
<i>Same number deer</i>	80%	40%	30%	29%	17%	0%	17%	0%	50%	57%	33%	14%	75%	25%	50%	0%
<i>Fewer deer</i>	20%	60%	70%	57%	33%	33%	83%	100%	50%	0%	0%	57%	25%	75%	50%	75%
<i>Season good-to-excellent</i>	40%	60%	20%	43%	50%	33%	17%	33%	0%	57%	50%	29%	25%	0%	25%	50%
<i>Season fair-to-poor</i>	60%	40%	80%	57%	50%	67%	83%	67%	100%	43%	50%	71%	75%	100%	75%	50%

**Most frequent comments received:** no comments common between 2 or more camps, individual comments:

More young bucks

More does seen

Disagree with the bait ban

Allow crossbows in December

Less shooting heard

Good buck to doe ratio

## DEER MANAGEMENT UNIT 127

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	10	10	17	14	17	10	12	9	14	11	7	6	6	6	5	4
<i>Hunters</i>	32	34	61	49	61	31	37	24	26	22	16	11	12	11	9	9
<i>% killing a buck</i>	37%	35%	13%	35%	30%	42%	16%	25%	19%	27%	38%	27%	25%	9%	22%	44%
<i>Deer seen per day</i>	4.9	4.0	1.2	1.6	1.9	3.6	1.5	1.4	0.5	0.7	1.2	1.6	0.4	0.5	0.6	0.7
<i>Fawns seen per 100 does</i>	72	52	51	53	31	33	34	10	44	71	84	46	17	46	67	0
<i>Does seen per buck</i>	5	3	4	6	4	6	10	4	N/A	1	4	12	2	N/A	1	1
<i>More deer than last year</i>	22%	0%	6%	14%	6%	40%	0%	0%	20%	10%	57%	80%	17%	0%	20%	25%
<i>Same number deer</i>	67%	30%	12%	36%	47%	40%	9%	11%	10%	30%	14%	0%	33%	33%	20%	25%
<i>Fewer deer</i>	11%	70%	82%	50%	47%	20%	91%	89%	70%	60%	29%	20%	50%	67%	60%	50%
<i>Season good-to-excellent</i>	34%	10%	0%	21%	12%	50%	8%	0%	0%	10%	43%	40%	17%	0%	20%	33%
<i>Season fair-to-poor</i>	66%	90%	100%	79%	88%	50%	92%	100%	100%	90%	57%	60%	83%	100%	80%	67%

\* no bucks were observed on opening day in 2015 and 2020

**Most frequent comments received:** there was only one share comment (left), individual camp comments (right)

Deep snow limited access to blinds 2

Fawns were abundant or higher in number

Observed fewer wolves or wolf sign

Fewer deer observed this season

Numerous coyotes, tracks, or howls in my area

Less does seen

Hunted less in the U.P. due to low deer numbers

Migration pushed deer out of area

## DEER MANAGEMENT UNIT 131

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	5	4	7	7	6	8	8	6	10	8	8	7	5	6	5	4
<i>Hunters</i>	21	19	32	31	24	39	41	21	41	25	31	22	13	26	23	12
<i>% killing a buck</i>	43%	37%	19%	23%	46%	36%	24%	33%	15%	4%	26%	27%	23%	23%	57%	33%
<i>Deer seen per day</i>	1.9	2.0	1.4	4.5	5.0	4.6	1.9	1.6	0.7	2.1	3.0	4.9	2.2	2.5	4.0	4.9
<i>Fawns seen per 100 does</i>	21	46	42	87	54	47	34	47	28	50	72	68	88	43	64	82
<i>Does seen per buck</i>	5	2	2	3	1	2	5	7	3	4	5	5	2	5	2	3
<i>More deer than last year</i>	60%	0%	0%	86%	100%	71%	0%	0%	10%	38%	78%	33%	40%	33%	40%	50%
<i>Same number deer</i>	20%	0%	0%	14%	0%	15%	14%	0%	10%	62%	11%	50%	20%	17%	60%	50%
<i>Fewer deer</i>	20%	100%	100%	0%	0%	14%	86%	100%	80%	0%	11%	17%	40%	50%	0%	0%
<i>Season good-to-excellent</i>	80%	50%	0%	71%	83%	61%	13%	0%	20%	14%	50%	66%	40%	17%	60%	50%
<i>Season fair-to-poor</i>	20%	50%	100%	29%	17%	29%	87%	100%	80%	86%	50%	34%	60%	83%	40%	50%

**Most frequent comments received:** no comments common between 2 or more camps, individual comments:

More young bucks

Control wolves or allow us to control them

Do not support harvest reporting

Keep the U.P. Deer Camp Survey

## DEER MANAGEMENT UNIT 152

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	30	26	28	27	25	21	20	20	20	21	19	20	19	18	19	14
<i>Hunters</i>	153	137	142	134	115	105	98	91	93	91	93	96	71	70	72	57
<i>% killing a buck</i>	23%	27%	21%	22%	27%	32%	28%	7%	16%	19%	22%	36%	18%	16%	35%	23%
<i>Deer seen per day</i>	2.9	2.6	1.2	2.2	3.4	2.8	2.7	1.5	1.9	2.5	4.3	4.4	3.2	2.1	3.4	2.8
<i>Fawns seen per 100 does</i>	41	50	28	32	47	37	33	37	36	58	45	39	44	41	41	43
<i>Does seen per buck</i>	4	4	4	3	5	3	5	9	7	4	4	4	6	7	4	4
<i>More deer than last year</i>	32%	8%	4%	23%	46%	28%	0%	5%	33%	26%	84%	37%	16%	0%	41%	15%
<i>Same number deer</i>	39%	23%	8%	35%	37%	28%	26%	10%	0%	53%	11%	42%	31%	19%	24%	38%
<i>Fewer deer</i>	29%	69%	88%	42%	17%	44%	74%	85%	67%	21%	5%	21%	53%	81%	35%	47%
<i>Season good-to-excellent</i>	38%	24%	15%	31%	37%	42%	21%	5%	16%	10%	53%	60%	42%	12%	39%	21%
<i>Season fair-to-poor</i>	62%	76%	85%	69%	63%	58%	79%	95%	84%	90%	47%	40%	58%	88%	61%	79%

**Most frequent comments received:**

More young bucks	3
Numerous wolves, tracks, or howls in my area	3
Fewer deer observed this season	2

## DEER MANAGEMENT UNIT 155

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	17	23	21	18	16	19	17	14	16	16	17	14	12	13	11	10
<i>Hunters</i>	71	106	90	71	75	80	69	52	67	59	63	51	42	39	36	28
<i>% killing a buck</i>	24%	29%	21%	20%	28%	24%	28%	17%	13%	19%	25%	41%	26%	26%	22%	46%
<i>Deer seen per day</i>	5.5	4.8	2.6	4.3	5.0	6.0	4.5	6.2	2.8	4.5	7.3	6.2	4.6	5.1	4.9	4.9
<i>Fawns seen per 100 does</i>	73	62	58	67	55	53	49	43	46	76	60	62	51	49	71	76
<i>Does seen per buck</i>	4	3	3	4	4	2	2	4	3	4	2	3	3	3	3	2
<i>More deer than last year</i>	47%	14%	0%	29%	53%	55%	6%	14%	0%	25%	75%	58%	8%	17%	18%	20%
<i>Same number deer</i>	41%	18%	10%	47%	7%	28%	13%	22%	0%	44%	19%	34%	50%	0%	37%	50%
<i>Fewer deer</i>	12%	68%	90%	24%	40%	17%	81%	64%	100%	31%	6%	8%	42%	83%	45%	30%
<i>Season good-to-excellent</i>	53%	26%	10%	18%	40%	64%	24%	21%	0%	20%	75%	69%	25%	23%	30%	30%
<i>Season fair-to-poor</i>	47%	74%	90%	82%	60%	36%	76%	79%	100%	80%	25%	31%	75%	77%	70%	70%

**Most frequent comments received:** there was only one share comment (left), individual camp comments (right)

Control wolves or allow us to control them	2	Numerous wolves, tracks, or howls in my area
		Fewer deer observed this season
		Reduce or eliminate antlerless licenses in unit
		Less does seen
		Less shooting heard
		Fawns were not abundant or fewer in number
		Predators having a negative impact on deer

## DEER MANAGEMENT UNIT 249

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	7	7	10	14	17	18	16	20	22	21	17	17	17	15	13	13
<i>Hunters</i>	46	45	68	72	73	86	85	65	76	81	72	72	81	55	54	49
<i>% killing a buck</i>	39%	27%	10%	10%	22%	22%	20%	20%	12%	26%	19%	36%	16%	24%	22%	18%
<i>Deer seen per day</i>	1.0	0.7	0.5	0.7	1.6	1.6	0.8	1.3	0.4	1.0	1.8	1.9	1.7	1.1	1.1	1.6
<i>Fawns seen per 100 does</i>	59	27	47	80	65	55	22	45	68	44	54	56	44	88	79	74
<i>Does seen per buck</i>	3	6	3	2	3	3	4	5	5	4	4	2	5	4	3	2
<i>More deer than last year</i>	14%	14%	0%	14%	29%	44%	0%	7%	5%	37%	44%	29%	13%	0%	33%	38%
<i>Same number deer</i>	57%	43%	0%	15%	30%	50%	25%	20%	0%	47%	50%	64%	37%	29%	25%	15%
<i>Fewer deer than last year</i>	29%	43%	100%	71%	41%	6%	75%	73%	95%	16%	6%	7%	50%	71%	42%	47%
<i>Season good-to-excellent</i>	29%	0%	0%	7%	12%	28%	13%	12%	0%	25%	31%	47%	12%	20%	25%	31%
<i>Season fair-to-poor</i>	71%	100%	100%	92%	88%	72%	88%	88%	100%	75%	69%	53%	88%	80%	75%	69%

**Most frequent comments received:**

Numerous wolves, tracks, or howls in my area	3
Fewer deer observed this season	3
Wolves having a negative impact on deer	2
Fawns were abundant or higher in number	2
Disagree with APR's	2

## DEER MANAGEMENT UNIT 252

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	21	21	22	20	23	21	21	15	18	17	13	13	13	14	10	9
<i>Hunters</i>	99	102	107	85	95	90	89	65	63	54	44	44	57	46	35	30
<i>% killing a buck</i>	40%	28%	18%	20%	22%	33%	20%	18%	3%	13%	25%	25%	18%	17%	9%	17%
<i>Deer seen per day</i>	3.2	3.1	1.1	2.4	2.7	3.4	1.6	2.5	0.8	1.7	2.6	2.5	1.8	1.9	2.8	1.8
<i>Fawns seen per 100 does</i>	48	35	34	54	55	55	29	39	57	78	49	38	41	35	64	74
<i>Does seen per buck</i>	2	3	1	6	4	2	7	6	8	2	7	4	5	5	5	3
<i>More deer than last year</i>	33%	10%	0%	20%	18%	43%	0%	13%	0%	44%	42%	31%	8%	0%	44%	14%
<i>Same number deer</i>	29%	25%	9%	25%	32%	33%	5%	0%	0%	18%	25%	23%	9%	15%	9%	14%
<i>Fewer deer</i>	38%	65%	91%	55%	50%	24%	95%	87%	100%	38%	33%	46%	83%	85%	33%	72%
<i>Season good-to-excellent</i>	43%	24%	5%	10%	23%	48%	0%	7%	0%	13%	33%	24%	8%	0%	20%	14%
<i>Season fair-to-poor</i>	57%	76%	95%	90%	77%	52%	100%	93%	100%	87%	67%	76%	92%	100%	80%	86%

**Most frequent comments received:** there was only one share comment (left), individual camp comments (right)

Fewer deer observed this season	2	Wolves having a negative impact on deer
		Less shooting heard
		Poor buck to doe ratio
		One tag for bow and one tag for gun
		Keep antlerless quota the same
		More shooting heard
		Overlogging on state land

## DEER MANAGEMENT UNIT 255

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	36	35	34	33	32	32	33	31	35	31	29	27	24	24	21	19
<i>Hunters</i>	196	172	173	159	160	163	161	156	178	144	151	136	96	98	90	68
<i>% killing a buck</i>	40%	34%	24%	30%	31%	24%	29%	25%	16%	20%	26%	32%	24%	24%	23%	25%
<i>Deer seen per day</i>	5.3	4.6	2.9	4.0	4.8	5.1	3.1	5.1	2.4	4.1	5.3	4.9	3.1	2.2	4.2	4.4
<i>Fawns seen per 100 does</i>	65	62	50	75	68	67	49	49	52	82	60	56	72	58	64	68
<i>Does seen per buck</i>	3	3	3	3	3	3	3	7	4	3	3	4	5	4	2	4
<i>More deer than last year</i>	33%	9%	0%	24%	34%	26%	10%	23%	0%	48%	66%	37%	5%	9%	19%	17%
<i>Same number deer</i>	53%	31%	15%	33%	44%	35%	13%	20%	23%	26%	24%	37%	18%	41%	33%	39%
<i>Fewer deer</i>	14%	60%	85%	42%	22%	39%	77%	57%	77%	26%	10%	26%	77%	50%	48%	44%
<i>Season good-to-excellent</i>	61%	38%	20%	27%	37%	33%	19%	29%	6%	19%	55%	74%	18%	21%	35%	29%
<i>Season fair-to-poor</i>	39%	62%	80%	73%	63%	67%	81%	71%	94%	81%	45%	26%	82%	79%	65%	71%

**Most frequent comments received:**

Disagree with the bait ban	4
Fewer deer observed this season	3
Control wolves or allow us to control them	3
Wolves having a negative impact on deer	2
Fawns were not abundant or fewer in number	2

## DEER MANAGEMENT UNIT 349

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<i>Camps</i>	8	9	13	10	12	14	13	16	15	16	14	13	12	13	12	12
<i>Hunters</i>	47	52	61	49	42	60	51	72	69	67	53	57	53	46	54	84
<i>% killing a buck</i>	19%	31%	13%	18%	17%	23%	12%	22%	10%	13%	25%	37%	25%	26%	22%	7%
<i>Deer seen per day</i>	2.4	2.4	1.5	3.5	4.0	3.7	3.3	2.9	1.9	2.8	4.0	5.8	3.9	2.3	2.5	2.4
<i>Fawns seen per 100 does</i>	69	48	75	56	59	65	59	41	49	82	83	46	49	46	80	59
<i>Does seen per buck</i>	2	2	3	4	5	3	4	4	4	3	3	4	7	4	4	5
<i>More deer than last year</i>	25%	33%	0%	20%	42%	31%	15%	14%	0%	38%	65%	47%	8%	0%	8%	8%
<i>Same number deer</i>	25%	34%	15%	60%	33%	38%	31%	21%	20%	43%	21%	38%	34%	15%	50%	33%
<i>Fewer deer than last year</i>	50%	33%	85%	20%	25%	31%	54%	65%	80%	19%	14%	15%	58%	85%	42%	59%
<i>Season good-to-excellent</i>	38%	67%	15%	10%	25%	46%	31%	43%	0%	31%	54%	61%	16%	15%	18%	8%
<i>Season fair-to-poor</i>	63%	33%	85%	90%	67%	54%	69%	57%	100%	69%	46%	39%	84%	85%	82%	92%

**Most frequent comments received:**

Fewer deer observed this season	2
Wolves having a negative impact on deer	2
Numerous wolves, tracks, or howls in my area	2
Predators having a negative impact on deer	2
Not going to hunt in the U.P. next year due to low numbers	2