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# 2021 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 2022

## Thank You!

We extend our thanks to all of you who made this year's survey possible by recording your deer sightings, harvest, and comments for the 2021 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. We will consult this information when formulating recommendations for antlerless license quotas and other regulations pertaining to deer hunting. 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. We hope you enjoy reading the report and find the results interesting.

## Background Information

The 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. Because other surveys have indicated the majority of hunter effort and deer harvest occurs during firearm season, the results of this survey are considered a good predictor of herd size and hunting success throughout the archery and muzzleloader seasons as well. Beginning in the early 1990's, deer camps have been casually recruited into the survey by means like word-of-mouth, visiting camps, or sign-ups at meetings or banquets. Camp survey forms and postage-paid envelopes were mailed to 547 contact persons prior to the 2021 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:

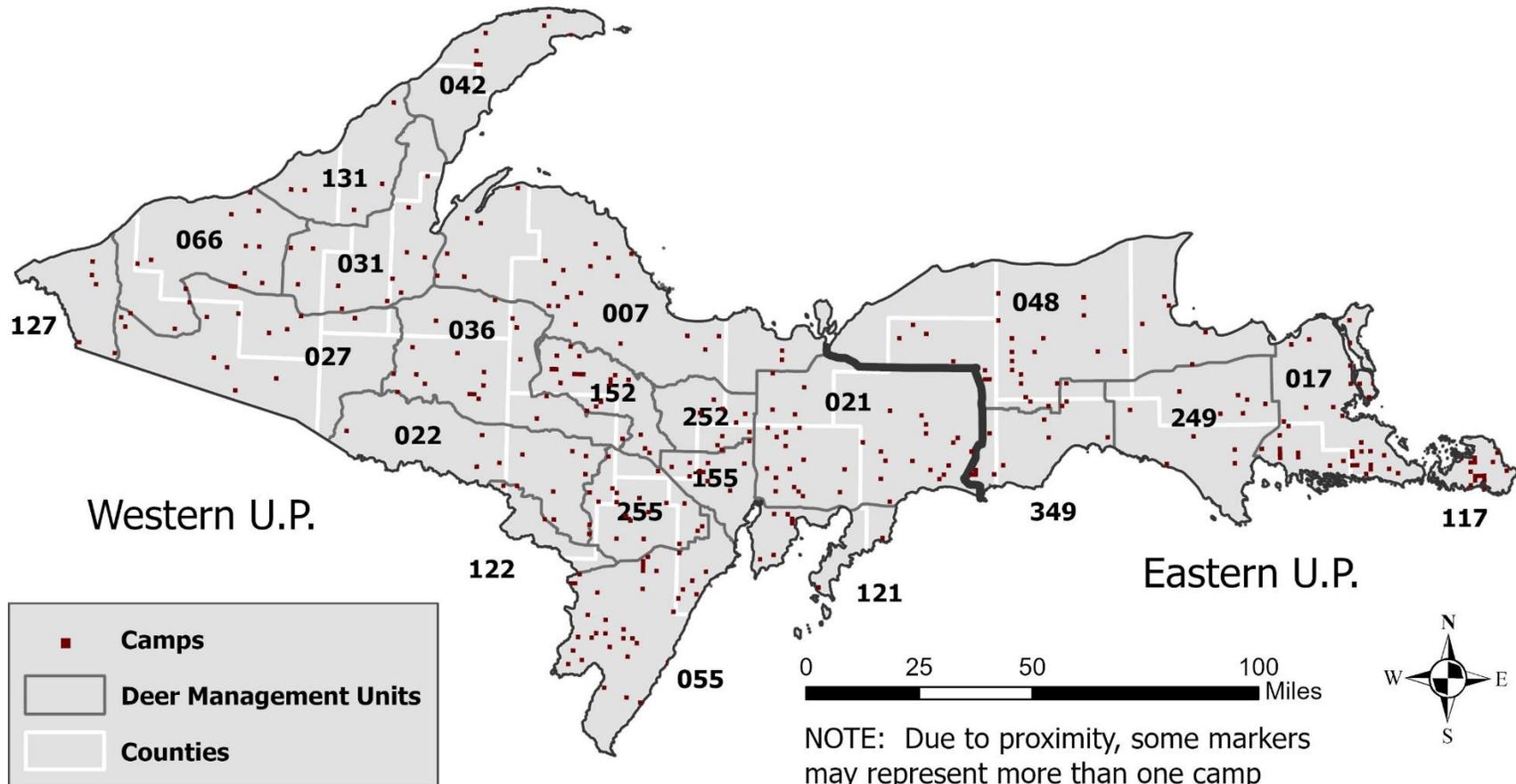
### Eastern U.P.

*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*  
*Quality Deer Management 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*

# Upper Peninsula Deer Camp Survey Locations 2021 Firearm Season



## Summary of the 2021 U.P. Deer Camp Survey

<u>U.P. Region Results</u>	<u>2020</u>	<u>2021</u>	<u>Page</u>
1. Deer seen per hunter day <i>increased</i> :	2.6	3.0	6
2. Percent of hunters harvesting a buck <i>increased</i> :	22%	26%	8
3. Fawn observations per 100 does <i>increased</i> :	49	56	9

<u>Percent of camps in 2021 rating</u>				<u>Page</u>	
4. Deer herd trend:	More – 22%	Same number – 34%	Fewer – 44%	10	
5. Season rating:	Excellent – 6%	Good – 23%	Fair – 33%	Poor – 38%	10

<u>Western U.P. (Page 11)</u>	<u>2020</u>	<u>2021</u>	<u>Page</u>
6. Deer seen per hunter day <i>increased</i> :	2.7	3.2	11
7. Percent of hunters harvesting a buck <i>increased</i> :	24%	29%	11
8. Fawn observations per 100 does <i>increased</i> :	50	58	11

<u>Percent of camps in 2021 rating</u>				
9. Deer herd trend:	More – 23%	Same number – 34%	Fewer – 43%	
10. Season rating:	Excellent – 7%	Good – 25%	Fair – 34%	Poor – 34%

<u>Eastern U.P. (Page 12)</u>	<u>2020</u>	<u>2021</u>	<u>Page</u>
11. Deer seen per hunter day <i>remained similar</i> :	2.2	2.3	12
12. Percent of hunters harvesting a buck <i>increased</i> :	18%	20%	12
13. Fawn observations per 100 does <i>increased</i> :	44	50	12

<u>Percent of camps in 2021 rating</u>				
14. Deer herd trend:	More – 19%	Same number – 34%	Fewer – 47%	
15. Season rating:	Excellent – 2%	Good – 21%	Fair – 30%	Poor – 47%

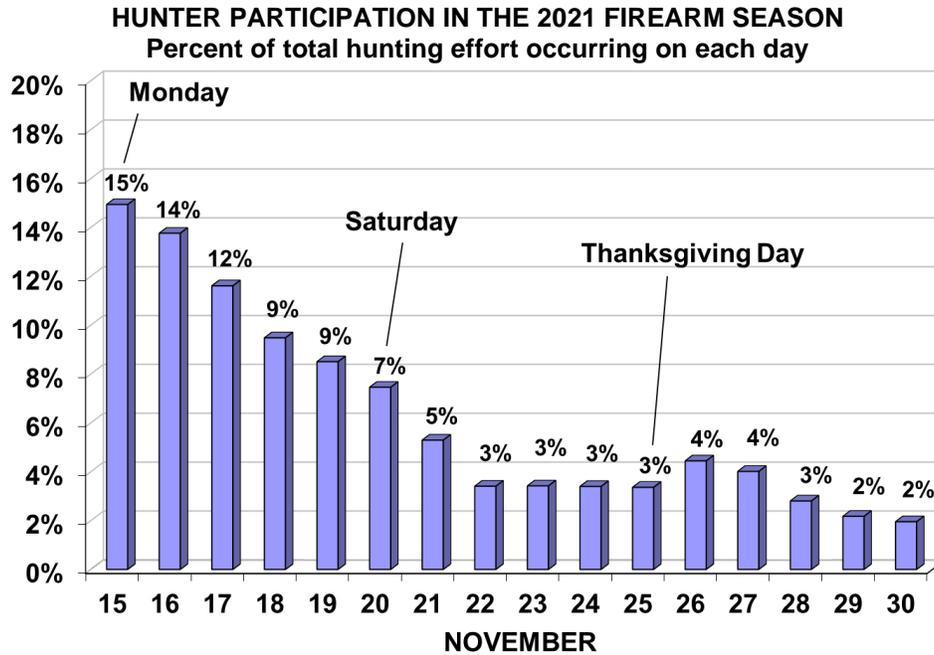
### Other Information

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. The ages of bucks harvested in the U.P. and brought to check stations during 2021 were: 29% 1.5-year-olds, 39% 2.5-year-olds, and 32% 3.5-year-olds and older ([pages 15-16](#)).
18. Winter snow conditions are summarized on [pages 16-17](#).
19. Archery season participation is summarized on [page 17](#).
20. Camps kept track of sightings of 11 wildlife species besides deer ([page 18](#)).
21. 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 18-23](#)).
22. Deer season statistics are provided in Tables 1-3 based on area (U.P. Region, West U.P., or East U.P.) ([pages 24-26](#)), and for each DMU in Table 4 ([page 27](#)).
23. Hunter-generated statistics and a summary of written comments are provided for each of the 22 DMU's ([pages 29-39](#)).

**U.P. Region**

(Also see Tables 1 – 3 on pages 24 – 26)

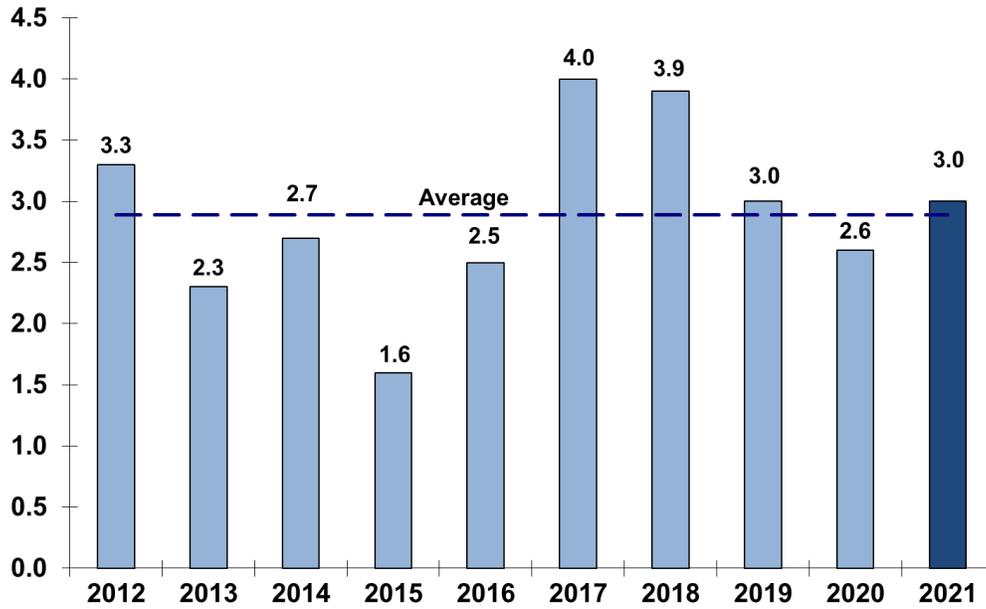
A total of 395 camps occupied by 1,572 hunters participated in the 2021 U.P. Deer Camp Survey. A map showing the distribution of participants is on page 4 and a table of summary statistics from across the region is on page 24. Eighty-one percent of the participating camps also participated in 2020. Hunters spent a total of 8,585 days hunting, 11% fewer days afield than in 2020. On average, 4 hunters occupied each deer camp, and each person hunted 5 days during the 16-day firearm season. Approximately 59% of the hunting effort was completed during the first five days of the season.



**Deer Observations:** The average number of deer observed per hunter during the entire 2020 firearm season was 16 deer (2 bucks and 14 antlerless), similar to the past 2 seasons. Note: unidentified deer are considered antlerless in the analysis of deer sighting data. Hunters observed 3.0 deer per hunter day, an increase from the 2.6 in 2020 and near the long-term average of 2.9.

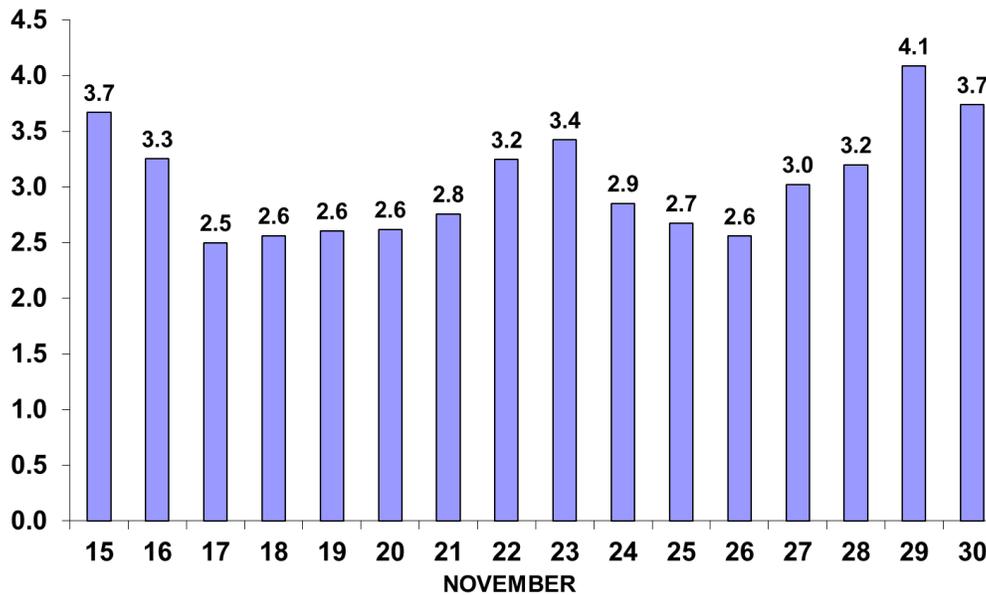
## U.P. Region

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



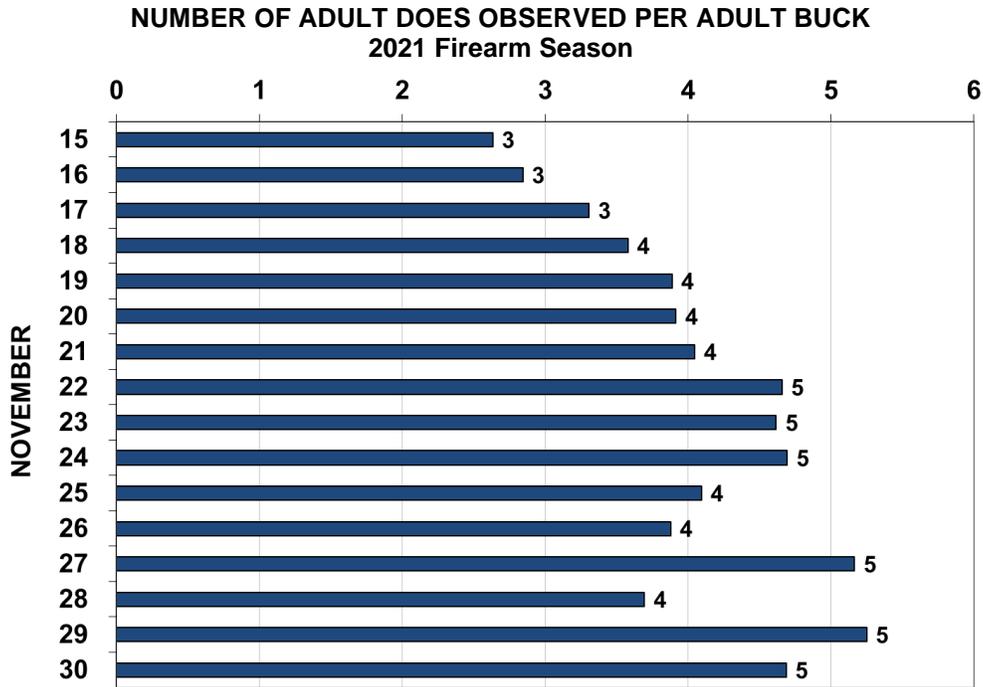
Hunters observed, on average, 2 to 4 deer per day during each day of the firearm season. As in past years, there was never a day in which deer activity “shut down” completely.

### NUMBER OF DEER OBSERVED PER DAY 2021 Firearm Season

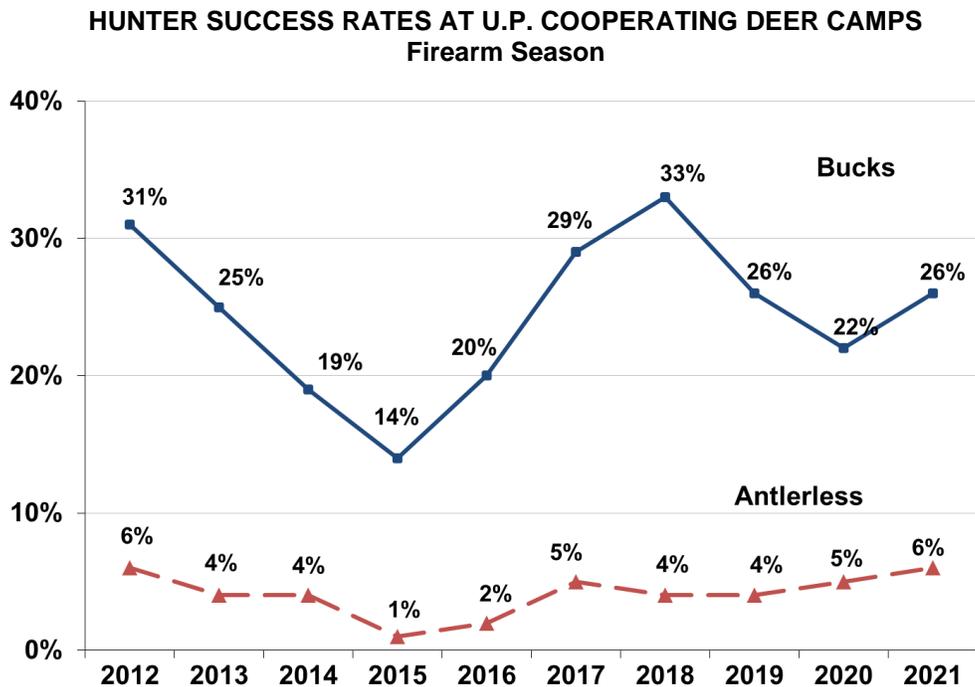


### U.P. Region

**Doe Sightings per Buck:** Three adult does were observed per adult buck on opening day in 2021. The sex ratio skewed to a ratio of 4 – 5 does per buck as the season progressed and more bucks than does were removed from the population by hunters.



**Harvest:** Twenty-six percent of hunters harvested a buck, slightly above the 10-year average of 25%. 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.



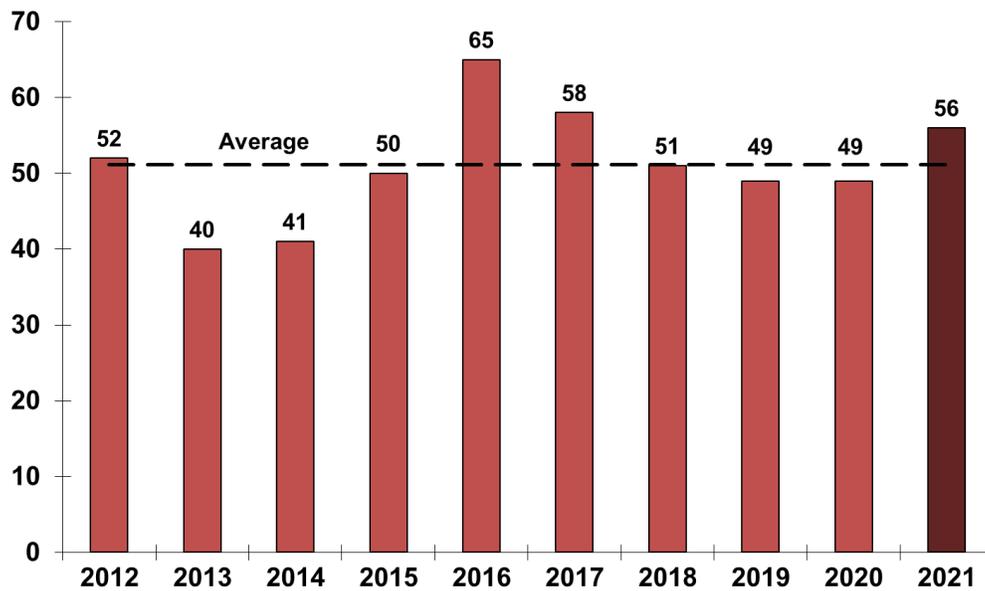
## U.P. Region

There were changes to antlerless harvest opportunities 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 the middle zone, a total of 2,000 hunting access permits were available via drawing (1,000 in the eastern U.P. DMU 351 and 1,000 in the western U.P. DMU 352). A hunter needed to have a hunting access permit to use a universal antlerless license in the middle zone. Hunters could not harvest an antlerless deer in the northern U.P., which included DMU's 007, 031, 042, 048, 066, 127, & 131.

Six percent of Deer Camp Survey participants reported harvesting an antlerless deer (doe or fawn) in 2021, a slight increase from 2020 when 5% harvested an antlerless deer. Antlerless deer accounted for 19% of the total harvest at camps in the U.P. in 2021 (down from 21% in 2020) whereas 81% of the take were bucks. Of the 92 hunters who harvested an antlerless deer, 93% took only 1, 5% took 2, and the remaining 1% took more than 2 antlerless deer. 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 56 fawns per 100 does. This is an increase from the 49 observed in 2019 and 2020, and above the average since 2012 (51).

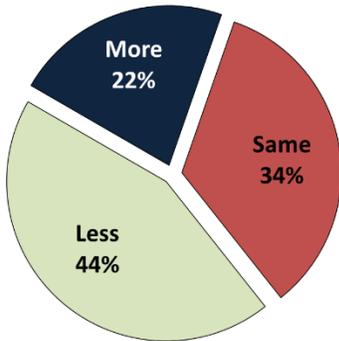
**FAWNS OBSERVED PER 100 DOES**  
Firearm Season



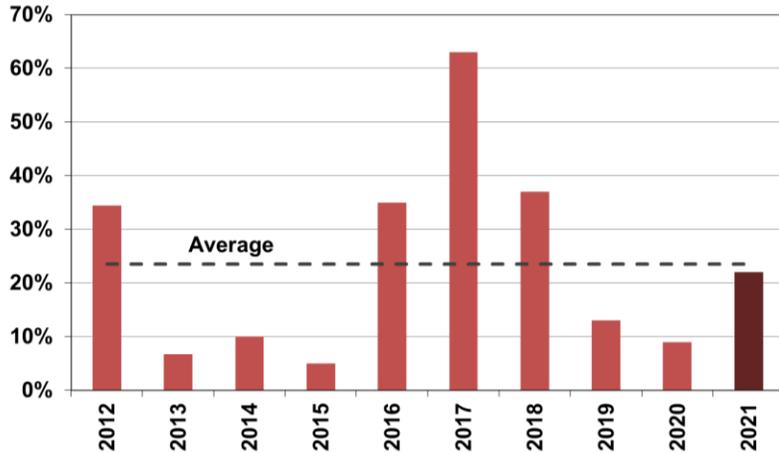
## U.P. Region

**Deer Herd Trend:** Forty-four percent of camps felt there were fewer deer compared to 2020, 34% felt that deer numbers were similar to 2020, and 22% felt there were more.

**2021 Deer Herd Trend Compared to Last Year**

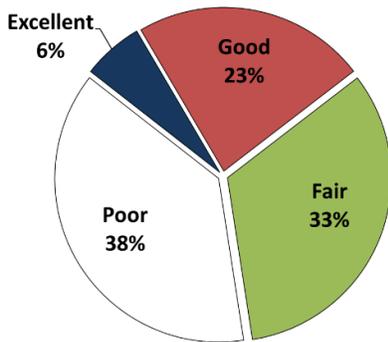


**Percent of U.P. Camps Rating "More Deer" than the Previous Year**

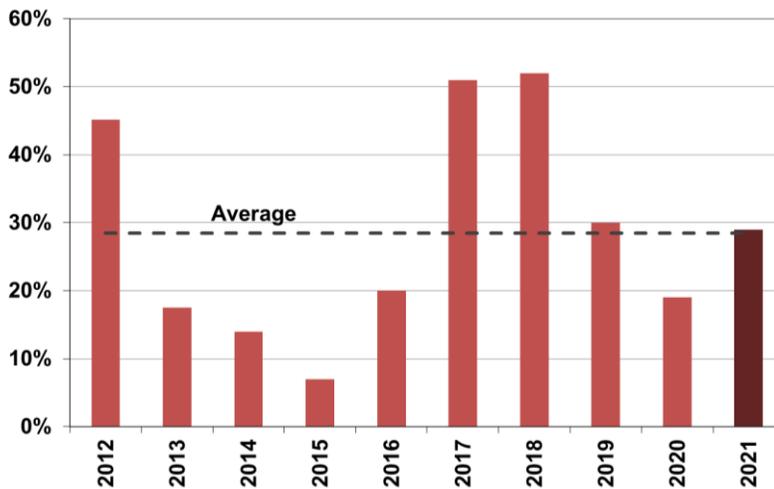


**Rating of the Season:** Camps were asked to rate the firearm season as excellent, good, fair, or poor. Seventy-one percent rated the season as fair to poor while 29% of camps rated the season as good to excellent in 2021. In 2020, 81% percent of camps rated the season as fair to poor.

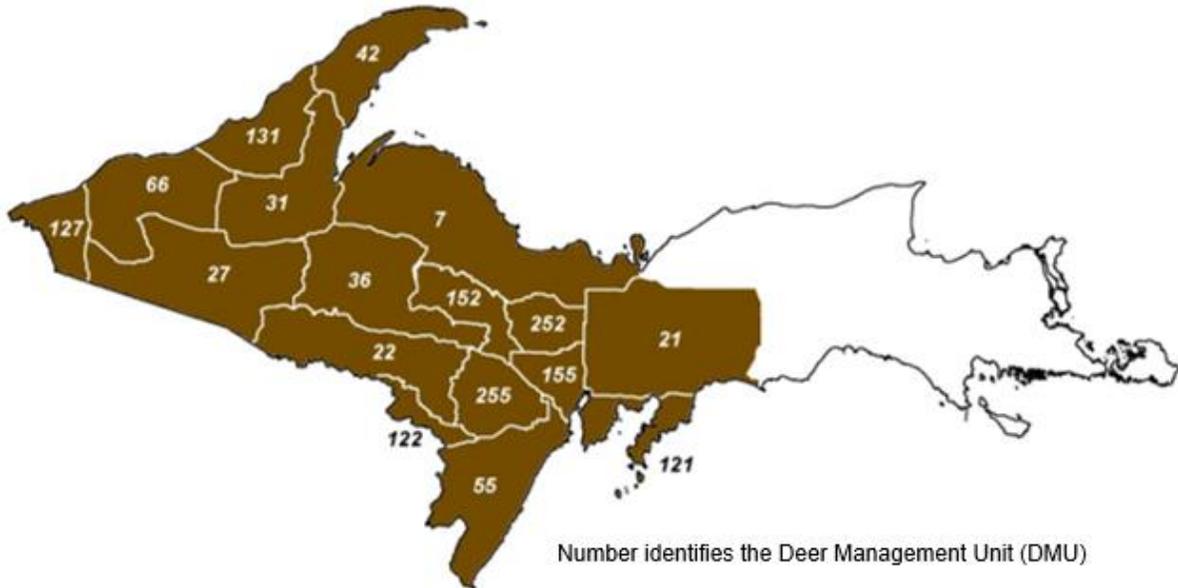
**Rating of the 2021 Firearm Season**



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



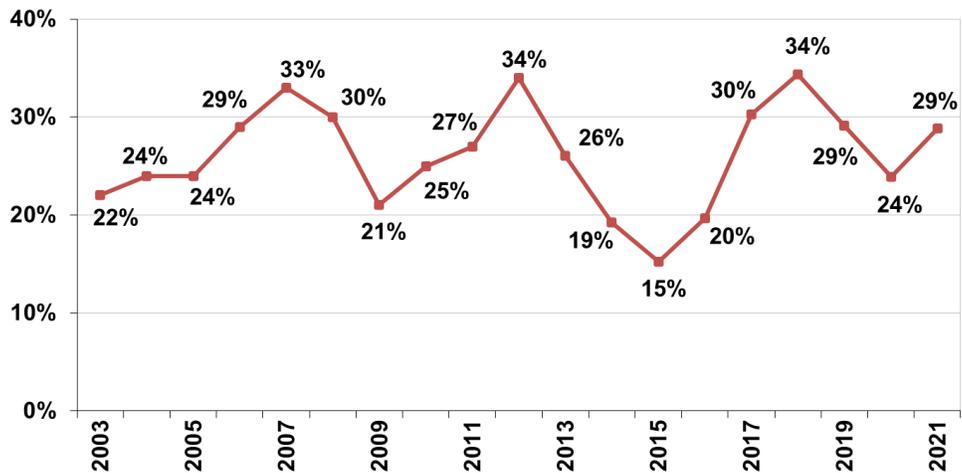
## Western U.P.



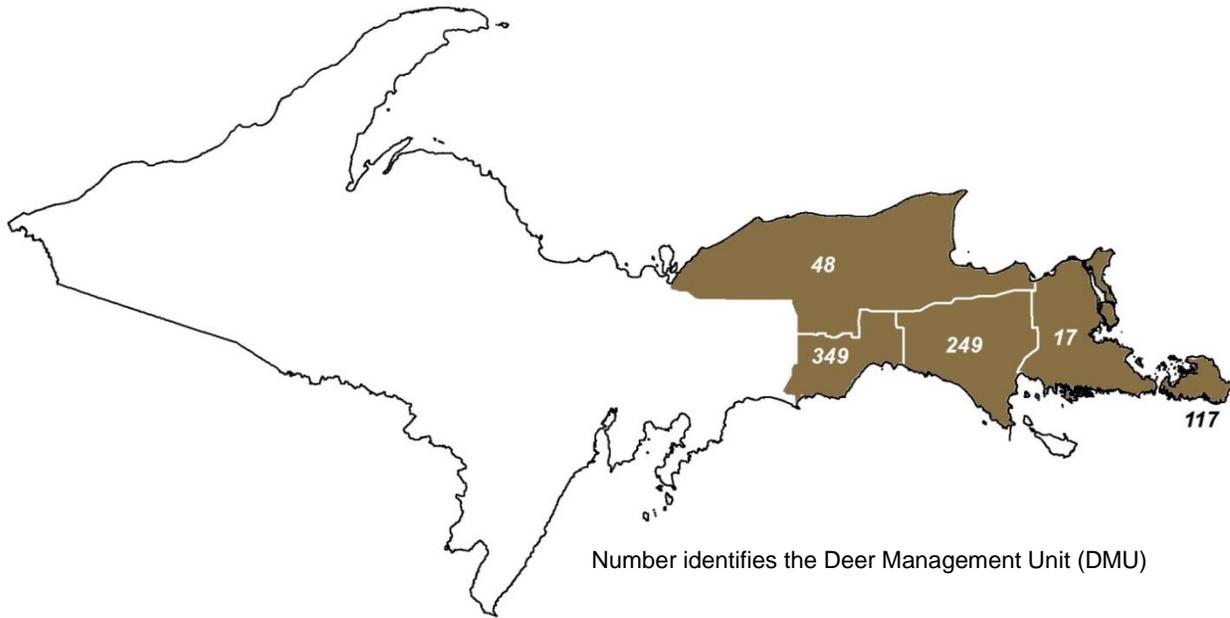
Results for the Western U.P. portion of the survey area (shown above) have been reported since the late 1990's. This portion includes the majority of DMU's in the U.P. Results for the Western U.P. are detailed in [Table 2 on page 25](#). Some of these results are summarized here.

Western U.P. participants observed 3.2 deer per hunter day and 58 fawns per 100 does in 2021. The deer observation rate increased from 2.7 in 2020 and the fawn-to-doe ratio increased from 50 in 2020. Twenty-nine percent of hunters harvested a buck (see graph below) compared to 24% in 2020. Thirty-two percent of camps rated the 2021 season as excellent or good compared to 20% in 2020.

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



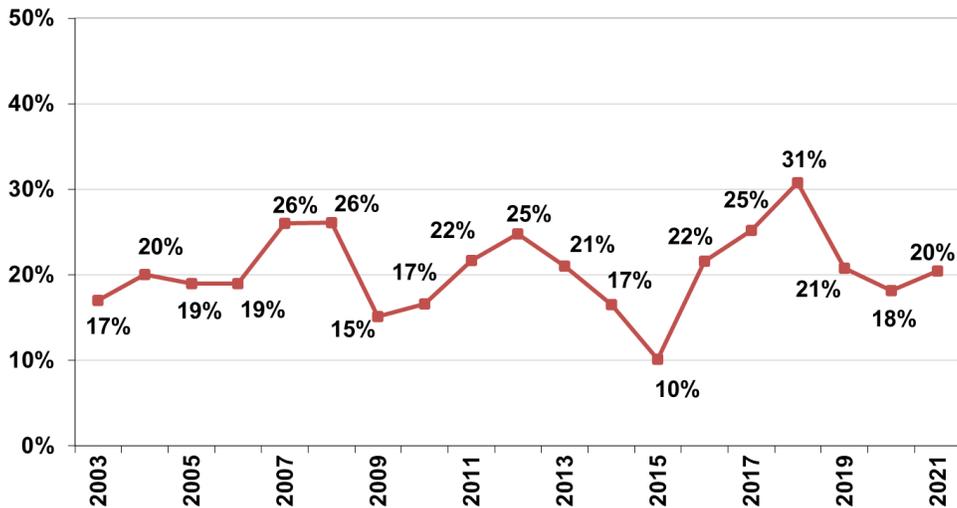
### Eastern U.P.



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 26](#). Some of these results are summarized here.

Eastern U.P. participants observed 2.3 deer per hunter day and 50 fawns per 100 does in 2021. The sighting rate is similar to 2020 (2.2), while the fawns per 100 does increased from 44. Twenty percent of hunters harvested a buck (see graph below) compared to 18% in 2020. Twenty-three percent of camps rated the 2021 season as excellent or good compared to 15% in 2020.

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

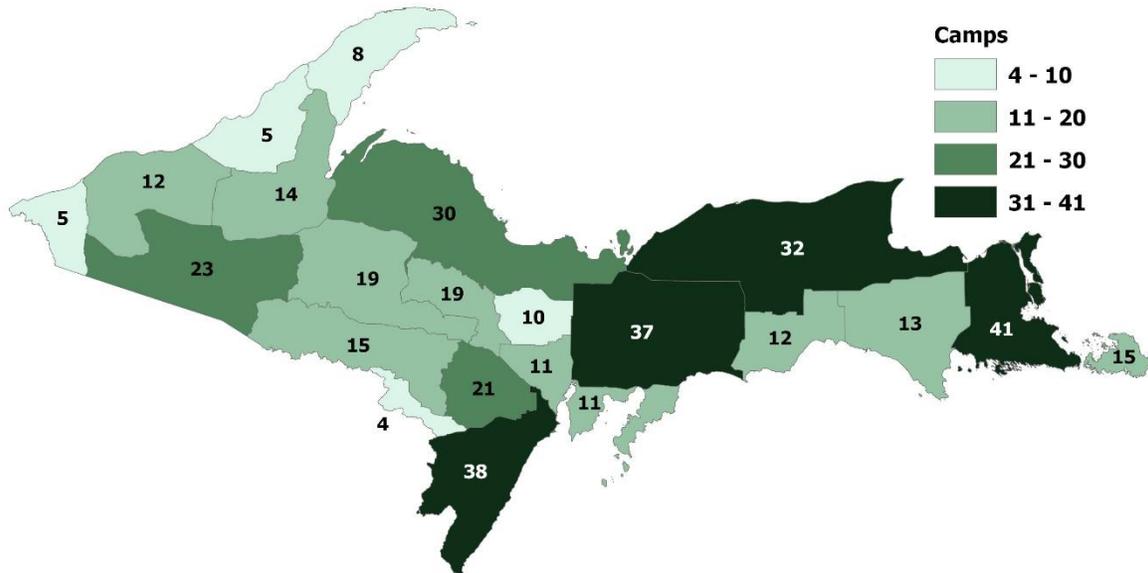


## RESULTS BY DEER MANAGEMENT UNIT

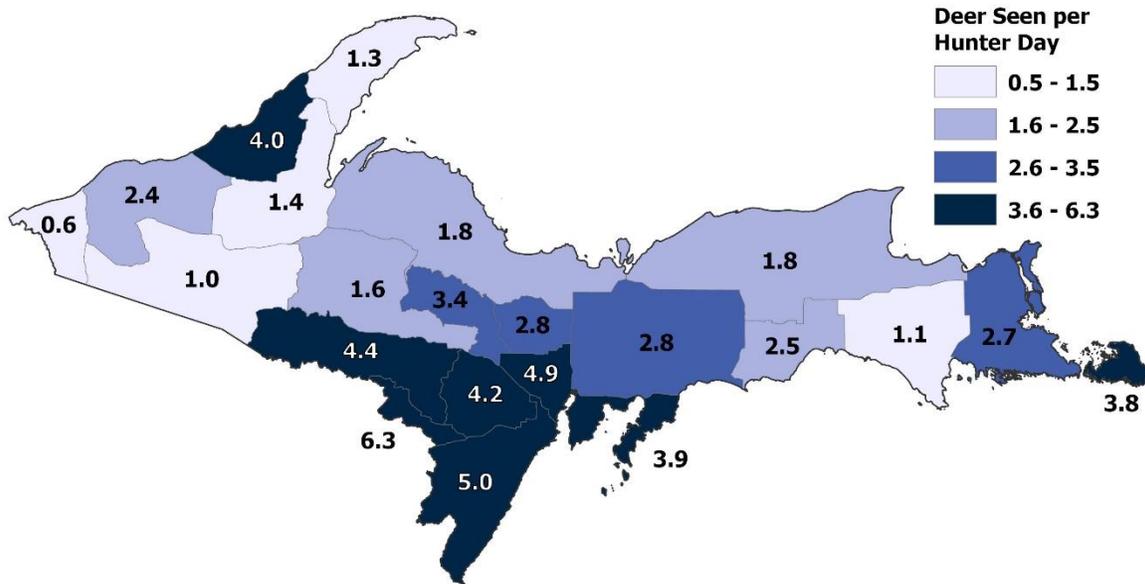
(Also see [Table 4 on page 27](#))

**Individual Deer Management Unit Statistics:** Separate statistics and the most common camp comments are provided for each individual Deer Management Unit at the end of this report ([pages 29-39](#)). Please note that “does seen per buck” refers to opening day only on those pages. Refer to the map on page 2 for the location of the respective Deer Management Unit.

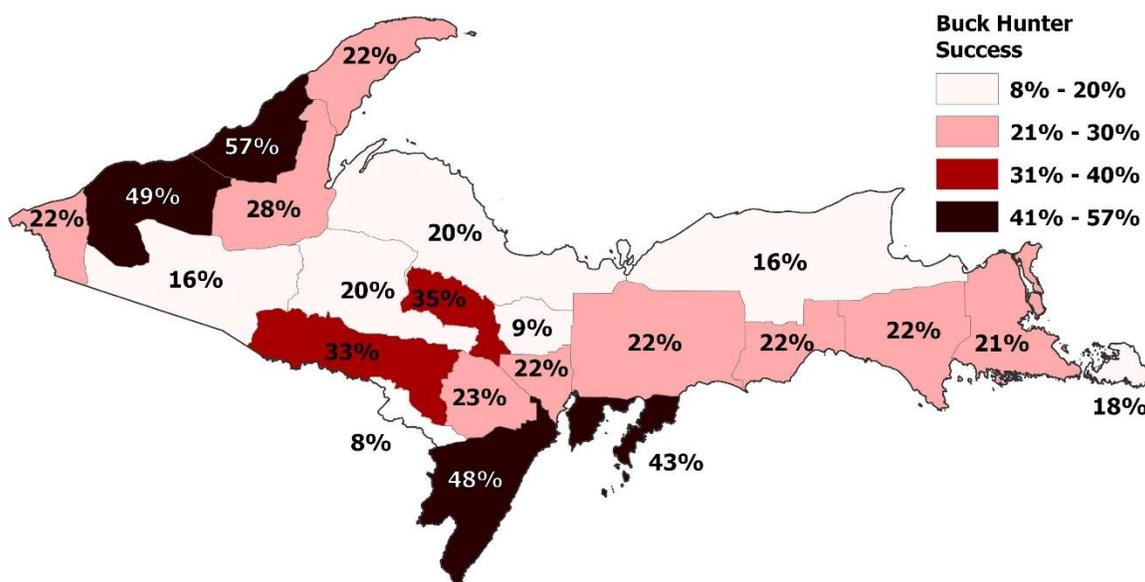
**Participation:** The map below shows camp participation in 2021 by DMU. Some DMU’s had very light participation this year. We caution that the results presented here for individual DMU’s with few participating camps may not be representative of the majority of hunters within the DMU. Furthermore, we 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 2021 firearm season ranged from 0.6 in DMU 127 (based on only 5 camps) to 6.3 in DMU 122 (based on only 4 camps). Sighting rates increased in 13 DMU’s compared to 2020, decreased in 6, and remained similar (within 0.1) in 3 DMU’s.

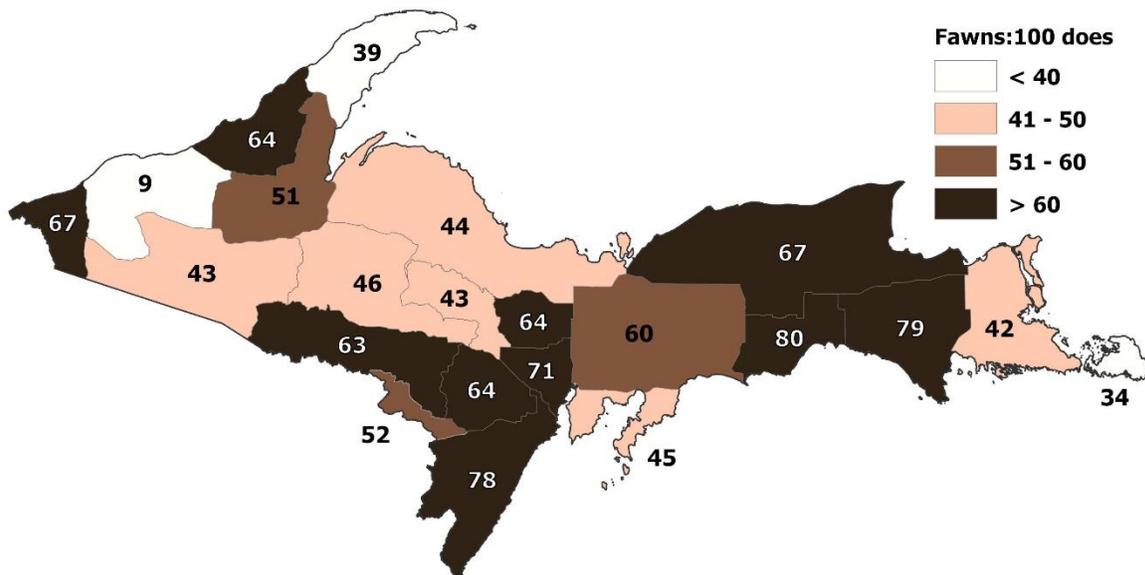


**Buck Harvest:** Buck kill success ranged from a low of 8% in DMU 122 (based on only 6 camps) to a high of 57% in DMU 131. The rate increased in 12 DMU's compared to 2020, decreased in 8, and remained similar (within 1%) in the remaining 2 DMU's. There has not been a clear relationship between deer 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.



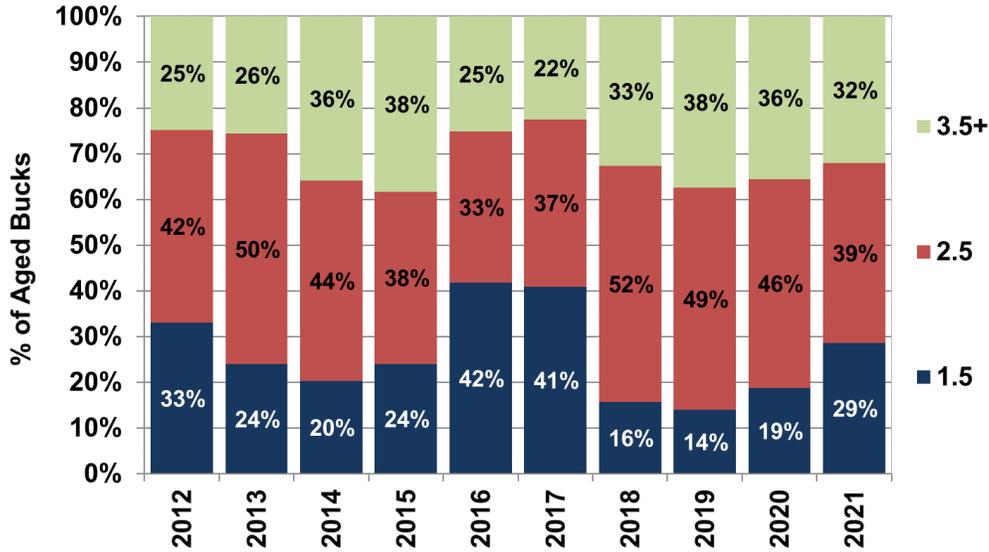
While buck harvest may not be clearly related to deer population size, results in previous reports have regularly suggested that hunters seem more willing to pass on bucks in areas where they have multiple buck sightings per season. In contrast, hunters appear less willing to “let ‘em go” in areas where 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 9 in DMU 066 to a high of 80 in DMU 349. The ratio increased in 15 of the 22 DMU’s compared to 2020, decreased in 5, and remained similar (within 1) in two DMU’s (007 & 017). 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.



**Age Structure of Harvest:** The camp survey does not collect information on the age structure of harvested deer, but we have included information that was collected at deer check stations. The following graph contrasts the age structure of bucks harvested across the entire U.P. during the 2012 – 2021 seasons (archery, firearm, and muzzleloader combined). Please note that check station availability in 2020 and 2021 was reduced compared to previous years. This should be considered when comparing 2021 results with those from past seasons.

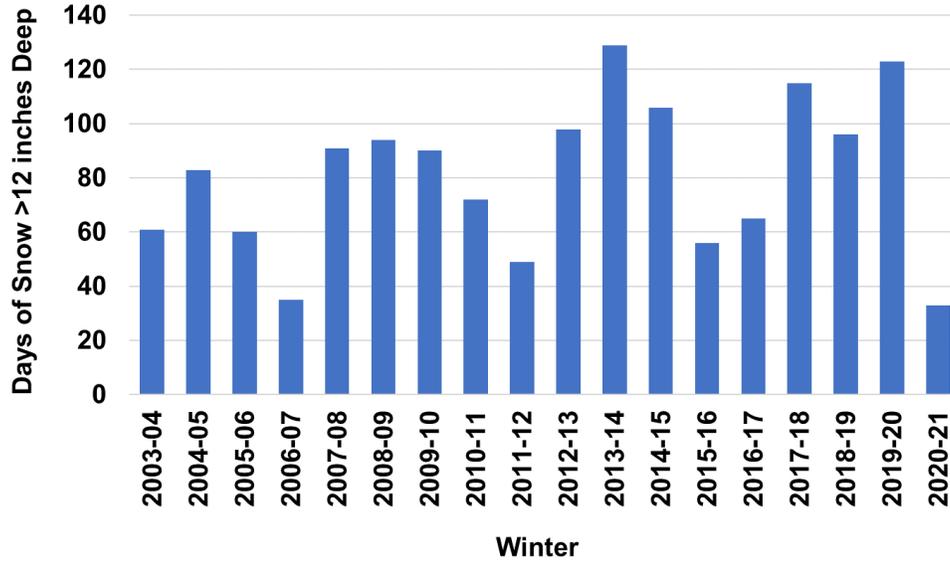
**U.P. Buck Harvest by Age Class**  
*Age distribution of bucks seen at check stations*  
*All Seasons*



In 2021, a higher proportion of bucks aged at check stations were 1 ½ year old (i.e. yearling) bucks than the past three seasons. Still, 2 ½ year old and older bucks comprised the majority of aged bucks.

**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 tools used to monitor the intensity of winter. The graph below shows the duration of snow >12 inches deep by winter in the U.P. The winter of 2020-21 was mild by comparison to many other winters, including the previous three winters.

**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 7, 2022, there have been 32 days when the snow was >12 inches deep (near the long-term average of 30 days), and the average snow depth in the U.P. was approximately 17 inches (near the long-term average). These results suggest a near-average winter to date.

**Antlerless Deer Harvest Opinions:** Camps were asked whether they supported the availability of antlerless deer harvest opportunities in their location at this time. Forty-three percent of respondents answered yes, while 57% answered no. The percent of camps answering yes since 2018 is as follows: 2020 – 45%, 2019 – 48%, 2018 – 50%. Responses varied by area in 2021 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). Twenty-three 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).

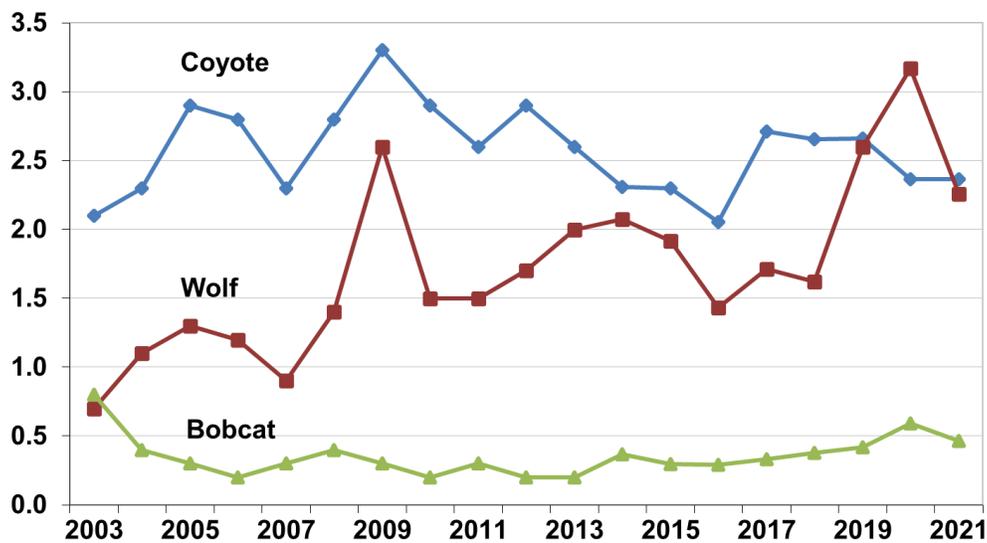
**Archery Participation by Year**  
*% of Camp Survey hunters participating in archery season*

	2014	2015	2016	2017	2018	2019	2020	2021
<b>Early Archery</b> (Oct. 1 – Nov. 14)	24%	21%	23%	22%	21%	22%	22%	23%
<b>Late Archery</b> (Dec. 1 – Jan. 1)	8%	7%	7%	7%	5%	6%	9%	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 28](#)). Wild turkeys topped the list of all species observed once again with 1,878 sightings, a small increase from the 1,812 counted in 2020. Cougar observations have ranged from 0 to 7 per year during the past 10 years. In 2020, 1 sighting was reported. No feral pig sightings were reported during the firearm season.

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 [Table 6 on page 28](#) 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 address 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 DNR thoughts on some of the subjects follow.

## COMMENTS WRITTEN BY HUNTERS IN THE 2021 U.P. DEER CAMP SURVEY

### Deer Abundance

<b>Less</b>	
Fewer deer observed this season	72
Worst season ever	35
Fawns were not abundant or fewer in number	23
Fewer bucks or buck sign	18
Fewer mature bucks on camera/seen	14
Hunted less in the U.P. due to low deer numbers	14
Less does seen	10
	<b>186</b>

<b>More</b>	
More deer observed this season	24
More young bucks	16
Bucks were abundant or higher in number	6
More does seen	6
Fawns were abundant or higher in number	5
	<b>57</b>

<b>Predators</b>	
Numerous wolves, tracks, or howls in my area	42
Wolves having a negative impact on deer	36
Control wolves or allow us to control them	34
Predators having a negative impact on deer	12
Numerous coyotes, tracks, or howls in my area	11
Observed fewer wolves or wolf sign	9
	<b>144</b>

<b>Hunting Conditions</b>	
Less hunters in area	14
Less shooting heard	13
	<b>27</b>

<b>Regulations</b>	
Reduce or eliminate antlerless licenses in unit	15
Keep antlerless quota the same	8
Shorten the deer season	8
Like the old combination license rules (no APR on one tag)	7
Don't agree with the new DMU's and antlerless regs	6
Increase antlerless licenses in unit	5
Disagree with the bait ban	5
Limit hunters to 1 buck per year	5
	<b>59</b>

<b>Other</b>	
We let small bucks go	9

## Updates on Comment Subjects & Other Items

**Deer Abundance, Management, & Regulations:** Deer abundance was the most popular comment thread in 2021, similar to 2020. Most of these comments related to lower deer numbers than in 2020 or recent years. Interestingly, daily deer sighting rates increased at the regional level (2.6 deer observations per hunter day in 2020 to 3.0 in 2021), in 13 of the 22 DMU's in 2021, and was just above the 10-year average for the U.P. Last winter (2020-21), deer experienced lower snow depths and shorter duration of snow cover than they have in a number of years. During the previous three winters, however, they experienced harsher conditions than average. Trends including the daily deer sighting rate and the buck hunter success rate decreased during this period of harsher winters, but increased this year after the first milder winter in a number of years.

Comments on regulations were also made by numerous camps. The most popular comments related to 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.



- “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” (blue): a deer hunting access permit needed to accompany the universal antlerless license (1 hunting access permit + 1 universal antlerless license for each antlerless deer harvested). In each new DMU – 351 in the eastern U.P. and 352 in

the western U.P. – there were 1,000 hunting access permits available in 2021 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, 131, 042, 031, 007, and 048 were closed to antlerless harvest during the archery seasons.

In 2021, online deer harvest reporting became available. Online harvest reporting was voluntary this year but will likely become mandatory at a future date. The DNR encouraged all hunters who were not submitting a deer head for disease testing to report their deer harvest online. Data collected through online harvest reporting will be used to help manage the deer population in Michigan. Hunters could go to [www.michigan.gov/DNRHarvestReport](http://www.michigan.gov/DNRHarvestReport) to register a deer.

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 2021 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

An order Thursday, Feb. 10, 2022, from a federal court in California returns gray wolves, including those in Michigan, to the federal list of endangered species. The ruling means that two state laws governing the ability to kill wolves preying on livestock, pets and hunting dogs have been immediately suspended.

The ruling from U.S. District Judge Jeffrey S. White in the Northern District of California vacated a U.S. Fish and Wildlife Service order from Nov. 3, 2020, which removed gray wolves from the List of Endangered and Threatened Wildlife in the lower 48 states, beginning Jan. 4, 2021. That original U.S. Fish and Wildlife Service ruling did not include wolves in the northern Rockies, nor the Mexican wolf subspecies.

“The changes on wolf protections took effect immediately Thursday with the judge’s signing of the U.S. District Court order,” said Michigan Department of Natural Resources Public Information Officer Ed Golder. “Ongoing work to update the 2015 Michigan Wolf Management Plan will continue, with completion of that process expected later this year.”

The now-suspended state laws are Public Act 318 of 2008, which allows hunting dog owners to remove, capture or use lethal means to destroy a wolf in the act of preying on the owner’s dog, and Public Act 290 of 2008, which offers the same provisions to livestock owners.

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.

The restoration of wolf protections comes as many wolf-hunt proponents have been advocating for a hunt across the Upper Peninsula. Decisions to implement and regulate hunts of state game animals reside with the Michigan Natural Resources Commission.

The DNR had said that before a wolf hunt should be considered, several things should take place, including updating the Michigan Wolf Management Plan, consulting with Native American tribes and that the legal status of wolves should be more permanently settled given a long history of legal challenges to delisting decisions resulting in a frequently shifting status of wolves.

The DNR had begun work to update the wolf management plan in 2021 and had met with tribal governments as the federal court challenges continued.

The court's order resolved cross motions for summary judgment in three related cases. Plaintiffs included Defenders of Wildlife, WildEarth Guardians and the Natural Resources Defense Council, Inc., while the defendants included the U.S. Department of the Interior and its Fish and Wildlife Service. Intervenor defendants included the state of Utah, National Rifle Association of America and Safari Club International.

Currently the DNR conducts a survey every other winter to estimate the wolf population. The most recent survey, completed in the winter of 2019-20, resulted in a minimum wolf population estimate of 695 wolves. The DNR is currently conducting the survey to produce a 2021-22 minimum population estimate. The minimum wolf population estimate has hovered between 600 and 700 wolves since 2011.

For more information on gray wolves in Michigan, visit [www.michigan.gov/wolves](http://www.michigan.gov/wolves).

### 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 2021 season was 1,524. As of January 21, 2022, 340 deer within the core surveillance area from 2021 had been tested. However, since 2018 over 2,400 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 have been involved with the following deer studies in the U.P. in recent 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.

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**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
<i>Number of camps participating in survey</i>		551	543	492	547	522	486	468	443	420	395
<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
<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
<i>Days hunted per hunter</i>		6	6	6	6	6	6	5	6	6	5
<i>Percentage of hunters killing a buck</i>		31%	25%	19%	14%	20%	29%	33%	26%	22%	26%
<i>Percentage of buck sightings resulting in a kill</i>		13%	14%	14%	16%	12%	9%	13%	14%	12%	11%
<i>Percentage of hunters killing an antlerless deer</i>		6%	4%	4%	1%	2%	5%	4%	4%	5%	6%
<i>Bucks killed per 100 hunter days</i>		5	4	3	2	3	5	7	5	4	5
<i>Bucks observed per hunter - entire season</i>		3	2	1	1	2	3	3	2	2	2
<i>Antlerless observed per hunter - entire season</i>		18	12	14	9	13	19	18	14	14	14
<i>Total deer observed per hunter - entire season</i>		20	14	16	10	15	22	21	16	16	16
<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
<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
<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
<i>Fawns observed per 100 does</i>		52	40	41	50	65	58	51	49	49	56
<i>Does per buck (observed) on opening day</i>		3	3	5	4	3	3	3	3	4	3
<i>Size of deer herd compared to last year:</i>											
	<i>More</i>	34%	7%	10%	5%	35%	63%	37%	13%	9%	22%
	<i>Same</i>	40%	19%	17%	13%	35%	25%	40%	33%	28%	34%
	<i>Less</i>	26%	74%	73%	82%	30%	12%	23%	54%	63%	44%
<i>Rating of the deer season:</i>											
	<i>Excellent</i>	9%	5%	3%	1%	1%	10%	11%	6%	3%	6%
	<i>Good</i>	36%	13%	11%	6%	19%	41%	41%	24%	16%	23%
	<i>Fair</i>	33%	30%	26%	17%	36%	33%	30%	30%	28%	33%
	<i>Poor</i>	22%	52%	60%	76%	44%	16%	18%	40%	53%	38%

**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
<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
<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
<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
<i>Days hunted per hunter</i>	7	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	7	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%
<i>Percentage of buck sightings resulting in a kill</i>										13%	13%	16%	11%	8%	12%	14%	11%	11%
<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%
<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
<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
<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
<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
<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
<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
<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
<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
<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%
<i>Same</i>	20%	26%	38%	39%	30%	12%	34%	36%	40%	15%	17%	12%	33%	24%	41%	33%	28%	34%
<i>Less</i>	75%	60%	39%	29%	60%	87%	43%	28%	26%	79%	74%	82%	32%	12%	24%	55%	62%	43%
<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%
<i>Good</i>	15%	13%	27%	34%	25%	9%	18%	29%	35%	12%	9%	7%	17%	43%	41%	26%	16%	25%
<i>Fair</i>	23%	31%	32%	36%	33%	23%	33%	32%	33%	29%	25%	16%	37%	31%	29%	31%	27%	34%
<i>Poor</i>	58%	50%	37%	21%	36%	66%	45%	31%	21%	54%	62%	76%	45%	15%	19%	38%	53%	34%

**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
<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
<i>Number of hunters</i>	398	403	444	458	490	535	561	567	649	632	556	583	565	532	578	549	418	508
<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
<i>Days hunted per hunter</i>	6	6	6	6	6	6	6	6	6	6	5	6	6	5	5	5	6	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%
<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%
<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%
<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
<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
<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
<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
<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
<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
<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
<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
<i>Size of deer herd compared to last year:</i> <i>More</i>	5%	7%	22%	38%	24%	4%	12%	24%	36%	10%	14%	3%	35%	61%	42%	16%	5%	19%
<i>Same</i>	24%	28%	38%	32%	30%	14%	32%	36%	40%	30%	15%	14%	40%	26%	38%	34%	30%	34%
<i>Less</i>	71%	65%	40%	30%	46%	81%	57%	36%	24%	61%	71%	83%	25%	13%	20%	50%	65%	47%
<i>Rating of the deer season:</i> <i>Excellent</i>	1%	2%	5%	10%	10%	1%	2%	2%	5%	4%	2%	0%	2%	7%	10%	6%	1%	2%
<i>Good</i>	11%	15%	23%	30%	29%	13%	10%	19%	37%	18%	18%	4%	24%	34%	40%	20%	14%	21%
<i>Fair</i>	25%	27%	26%	35%	31%	17%	33%	41%	34%	33%	27%	19%	35%	38%	36%	30%	30%	30%
<i>Poor</i>	63%	56%	46%	25%	30%	69%	55%	35%	24%	46%	53%	77%	39%	21%	14%	44%	55%	47%

**Table 4. SUMMARY OF 2021 U.P. DEER CAMP SURVEY**  
**Firearm Season – Individual Deer Management Units**  
*see map on page 4 for DMU locations*

		<u>Deer Management Unit</u>																					
		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>		30	41	37	15	23	14	19	8	32	38	12	15	11	4	5	5	19	11	13	10	21	12
<i>Number of hunters</i>		124	196	139	45	73	61	69	37	128	160	37	76	42	12	9	23	72	36	54	35	90	54
<i>Total days spent hunting</i>		723	1,003	822	251	338	299	405	236	638	997	196	272	314	54	52	57	384	213	375	220	467	269
<i>Days hunted per hunter</i>		6	5	6	6	5	5	6	6	5	6	5	4	7	5	6	2	5	6	7	6	5	5
<i>Percentage of hunters killing a buck</i>		20%	21%	22%	33%	16%	28%	20%	22%	16%	48%	49%	18%	43%	8%	22%	57%	35%	22%	22%	9%	23%	22%
<i>Percentage of buck sightings resulting in a kill</i>		14%	11%	11%	10%	14%	7%	14%	14%	14%	10%	22%	8%	8%	1%	40%	26%	14%	5%	27%	7%	9%	16%
<i>Percentage of hunters killing an antlerless deer</i>		17%	5%	4%	2%	4%	5%	0%	0%	0%	22%	0%	0%	10%	17%	0%	0%	1%	8%	2%	17%	12%	6%
<i>Bucks killed per 100 hunter days</i>		4	4	4	6	4	6	3	3	4	8	9	5	6	2	4	23	7	4	3	1	5	4
<i>Bucks observed per hunter - entire season</i>		2	2	2	4	1	4	1	2	1	5	2	2	5	6	1	2	3	5	1	1	3	1
<i>Antlerless observed per hunter - entire season</i>		9	12	14	21	5	16	8	7	8	26	11	11	24	22	3	8	16	24	7	16	19	11
<i>Total deer observed per hunter - entire season</i>		10	14	16	25	7	20	9	8	9	31	13	14	29	28	3	10	18	29	7	18	22	12
<i>Bucks observed per 10 hunter days</i>		2.6	3.8	3.4	6.7	2.6	8.0	2.5	2.4	2.5	8.2	4.1	6.5	6.8	13.3	1.0	8.8	4.8	8.1	1.2	2.1	6.1	2.8
<i>Antlerless deer observed per hunter day</i>		1.5	2.3	2.4	3.7	1.2	3.3	1.3	1.1	1.5	4.1	2.0	3.2	3.2	4.9	0.5	3.1	2.9	4.1	0.9	2.6	3.6	2.2
<i>Total deer observed per hunter day</i>		1.8	2.7	2.8	4.4	1.4	4.1	1.6	1.3	1.8	5.0	2.4	3.8	3.9	6.3	0.6	4.0	3.4	4.9	1.1	2.8	4.2	2.5
<i>Fawns observed per 100 does</i>		44	42	60	63	43	51	46	39	67	78	9	34	45	52	67	64	41	71	79	64	64	80
<i>Does per buck (observed) on opening day</i>		4	3	3	2	5	2	2	3	3	2	2	3	3	1	1	2	4	3	3	5	2	4
<i>Size of deer herd compared to last year:</i>	<i>More</i>	22%	16%	22%	15%	32%	38%	13%	38%	16%	18%	8%	27%	18%	0%	20%	40%	41%	18%	33%	44%	19%	8%
	<i>Same</i>	44%	24%	24%	38%	21%	54%	24%	13%	42%	41%	34%	40%	64%	50%	20%	60%	24%	37%	25%	9%	33%	50%
	<i>Less</i>	33%	60%	54%	46%	47%	8%	63%	49%	42%	41%	58%	33%	18%	50%	60%	0%	35%	45%	42%	33%	48%	42%
<i>Rating of the deer season:</i>	<i>Excellent</i>	4%	3%	5%	0%	6%	0%	0%	0%	0%	15%	0%	0%	0%	0%	0%	20%	22%	0%	8%	10%	15%	0%
	<i>Good</i>	19%	26%	19%	18%	11%	33%	19%	13%	9%	41%	36%	36%	55%	25%	20%	40%	17%	30%	17%	10%	20%	18%
	<i>Fair</i>	44%	26%	30%	37%	61%	42%	37%	24%	39%	32%	19%	50%	27%	50%	20%	40%	28%	30%	0%	30%	25%	27%
	<i>Poor</i>	33%	45%	46%	45%	22%	25%	44%	63%	52%	12%	45%	14%	18%	25%	60%	0%	33%	40%	75%	50%	40%	55%

**Table 5. Number of furbearer and other wildlife sightings by Deer Management Unit  
2021 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>	34	216	68	43	68	42	48	72	0	619	46	0	114	74	20	34	36	52	19	16	250	7	1,878
<i>Coyote</i>	16	13	13	9	18	5	7	11	9	26	2	9	7	6	1	2	12	6	19	5	21	11	228
<i>Wolf</i>	23	23	18	0	8	18	12	18	20	10	16	2	2	0	4	0	2	7	20	3	9	3	218
<i>Marten</i>	25	2	6	0	5	4	6	12	21	1	9	0	0	0	0	1	2	0	5	0	0	1	100
<i>Fisher</i>	12	0	5	0	3	1	3	7	11	6	3	0	1	0	3	0	2	0	1	1	0	0	59
<i>Bear</i>	3	3	9	0	0	1	2	4	1	8	0	3	0	1	2	0	2	0	1	1	5	0	46
<i>Bobcat</i>	2	5	2	0	2	0	3	1	2	4	0	4	2	0	0	0	2	3	2	3	7	1	45
<i>Fox</i>	3	2	0	0	5	1	2	0	8	4	4	1	2	0	0	0	0	0	1	0	0	0	33
<i>Moose</i>	9	0	0	0	0	1	18	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	30
<i>Cougar</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
<i>Feral Pig</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<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>	124	196	139	45	73	61	69	37	128	160	37	76	42	12	9	23	72	36	54	35	90	54	1,572

**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
<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	2.4
<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	2.3
<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	0.6
<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	1.0
<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
<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	0.3
<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

## DEER MANAGEMENT UNIT 007

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	39	35	38	41	41	38	39	40	23	33	36	33	33	32	31	30
<i>Hunters</i>	172	154	164	193	178	164	164	177	101	152	133	146	131	141	110	124
<i>% killing a buck</i>	23%	27%	32%	13%	26%	23%	36%	26%	12%	12%	22%	26%	34%	23%	17%	20%
<i>Deer seen per day</i>	1.4	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
<i>Fawns seen per 100 does</i>	34	48	45	50	69	52	52	36	41	65	67	58	46	39	43	44
<i>Does seen per buck</i>	4	4	3	4	4	4	3	3	9	4	3	2	4	4	4	4
<i>More deer than last year</i>	38%	26%	8%	0%	17%	44%	32%	3%	0%	6%	35%	66%	30%	3%	0%	22%
<i>Same number deer</i>	46%	40%	30%	26%	29%	41%	42%	21%	4%	6%	33%	19%	40%	26%	28%	44%
<i>Fewer deer</i>	16%	34%	62%	74%	54%	15%	26%	76%	96%	88%	32%	15%	30%	71%	72%	33%
<i>Season good-to-excellent</i>	17%	21%	24%	7%	10%	34%	43%	15%	5%	6%	12%	50%	52%	22%	4%	23%
<i>Season fair-to-poor</i>	83%	79%	76%	93%	90%	66%	57%	85%	95%	94%	88%	50%	48%	78%	96%	77%

**Most frequent comments received:**

Wolves having a negative impact on deer	6
More deer observed this season	5
Numerous wolves, tracks, or howls in my area	4
Control wolves or allow us to control them	4

## DEER MANAGEMENT UNIT 017

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	39	36	39	48	59	55	60	57	58	52	51	49	51	47	44	41
<i>Hunters</i>	163	165	192	216	244	229	253	246	211	193	205	193	212	191	171	196
<i>% killing a buck</i>	11%	25%	21%	12%	16%	19%	25%	21%	13%	13%	21%	26%	28%	20%	18%	21%
<i>Deer seen per day</i>	2.0	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
<i>Fawns seen per 100 does</i>	51	43	41	37	56	49	52	41	54	56	69	50	50	42	42	42
<i>Does seen per buck</i>	0	4	3	4	5	4	3	4	8	4	3	4	4	4	4	3
<i>More deer than last year</i>	18%	33%	13%	6%	14%	20%	37%	13%	17%	6%	44%	54%	43%	19%	5%	16%
<i>Same number deer</i>	41%	34%	29%	15%	30%	36%	44%	36%	17%	17%	38%	33%	37%	30%	21%	24%
<i>Fewer deer than last year</i>	41%	33%	58%	79%	56%	44%	19%	51%	66%	77%	18%	13%	20%	51%	74%	60%
<i>Season good-to-excellent</i>	21%	42%	28%	10%	14%	17%	47%	19%	15%	8%	33%	45%	47%	27%	18%	29%
<i>Season fair-to-poor</i>	79%	59%	72%	90%	87%	79%	53%	81%	85%	92%	67%	55%	53%	73%	82%	71%

**Most frequent comments received:**

Fewer deer observed this season	9
Numerous wolves, tracks, or howls in my area	7
Wolves having a negative impact on deer	6
Control wolves or allow us to control them	5
Fawns were not abundant or fewer in number	3

## DEER MANAGEMENT UNIT 021

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	55	54	48	56	53	54	54	53	54	55	53	51	49	44	44	37
<i>Hunters</i>	253	240	200	255	223	221	222	236	226	223	196	177	195	165	146	139
<i>% killing a buck</i>	13%	20%	19%	12%	13%	14%	27%	13%	15%	9%	14%	27%	23%	22%	23%	22%
<i>Deer seen per day</i>	1.8	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
<i>Fawns seen per 100 does</i>	57	51	45	37	59	56	50	30	28	55	62	50	63	54	71	60
<i>Does seen per buck</i>	5	4	5	4	3	3	2	3	5	4	3	3	5	3	3	3
<i>More deer than last year</i>	21%	18%	25%	0%	13%	33%	42%	8%	13%	6%	33%	61%	28%	28%	8%	22%
<i>Same number deer</i>	24%	36%	33%	4%	31%	31%	35%	19%	31%	9%	28%	31%	42%	27%	47%	24%
<i>Fewer deer</i>	55%	46%	42%	96%	56%	36%	23%	73%	56%	85%	39%	8%	30%	45%	45%	54%
<i>Season good-to-excellent</i>	13%	22%	32%	2%	2%	25%	40%	10%	13%	5%	22%	54%	41%	40%	28%	24%
<i>Season fair-to-poor</i>	87%	78%	68%	98%	98%	75%	60%	90%	87%	95%	78%	46%	59%	60%	72%	76%

**Most frequent comments received:**

Fewer deer observed this season	4
Control wolves or allow us to control them	4
Numerous wolves, tracks, or howls in my area	3
Keep antlerless quota the same	3
Less hunters in area	2
Less shooting heard	2
We let small bucks go	2
Observed fewer wolves or wolf sign	2

## DEER MANAGEMENT UNIT 022

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	24	20	26	29	24	22	26	23	25	26	25	23	24	21	19	15
<i>Hunters</i>	116	104	137	138	108	87	109	99	95	104	100	74	78	79	68	45
<i>% killing a buck</i>	35%	43%	40%	41%	34%	28%	40%	33%	22%	13%	17%	32%	46%	42%	16%	33%
<i>Deer seen per day</i>	3.5	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
<i>Fawns seen per 100 does</i>	44	57	42	40	46	49	41	30	30	42	60	60	46	38	44	63
<i>Does seen per buck</i>	3	3	2	2	3	3	3	3	6	4	5	2	4	2	4	2
<i>More deer than last year</i>	29%	45%	4%	0%	17%	36%	12%	9%	8%	4%	42%	78%	75%	11%	16%	15%
<i>Same number deer</i>	25%	35%	38%	18%	48%	32%	46%	13%	12%	4%	33%	13%	20%	21%	16%	38%
<i>Fewer deer</i>	46%	20%	58%	82%	35%	32%	42%	78%	80%	92%	25%	9%	5%	68%	68%	46%
<i>Season good-to-excellent</i>	21%	55%	54%	20%	30%	37%	54%	39%	12%	4%	13%	61%	65%	30%	10%	18%
<i>Season fair-to-poor</i>	79%	45%	46%	80%	70%	63%	46%	61%	88%	96%	87%	39%	35%	70%	90%	82%

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

Less hunters in area
Less shooting heard
Reduce or eliminate antlerless licenses in unit
Predators having a negative impact on deer
Shorten the deer season
Did not hunt in the U.P. due to low deer numbers
Saw less deer because of the bait ban
Lots of illegal baiting going on

## DEER MANAGEMENT UNIT 027

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	6	9	9	18	22	25	27	28	20	27	24	22	21	23	25	23
<i>Hunters</i>	31	41	39	69	86	102	108	117	86	92	71	74	72	78	82	73
<i>% killing a buck</i>	19%	37%	28%	20%	26%	25%	33%	25%	10%	9%	14%	27%	28%	31%	30%	16%
<i>Deer seen per day</i>	1.8	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
<i>Fawns seen per 100 does</i>	49	54	15	32	37	38	53	28	22	30	63	50	36	42	37	43
<i>Does seen per buck</i>	4	6	4	4	6	5	4	4	9	11	5	3	5	4	5	5
<i>More deer than last year</i>	33%	50%	22%	0%	32%	33%	30%	8%	5%	0%	24%	57%	42%	10%	14%	32%
<i>Same number deer</i>	34%	25%	11%	0%	41%	17%	44%	16%	16%	18%	24%	24%	47%	25%	31%	21%
<i>Fewer deer</i>	33%	25%	67%	100%	27%	50%	26%	76%	79%	82%	52%	19%	11%	65%	55%	47%
<i>Season good-to-excellent</i>	17%	56%	33%	5%	32%	30%	41%	19%	10%	13%	0%	38%	42%	20%	27%	17%
<i>Season fair-to-poor</i>	83%	44%	67%	95%	68%	70%	59%	81%	90%	87%	100%	62%	58%	80%	73%	83%

**Most frequent comments received:**

Fewer deer observed this season	4
Numerous wolves, tracks, or howls in my area	4
Wolves having a negative impact on deer	3
Predators having a negative impact on deer	3
Weather was mild/poor for hunting conditions	2
More deer observed this season	2
Hunted less in the U.P. due to low deer numbers	2

## DEER MANAGEMENT UNIT 031

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	7	8	7	12	6	16	16	13	12	14	14	11	14	12	11	14
<i>Hunters</i>	35	21	30	63	29	65	65	71	47	71	54	57	61	62	52	61
<i>% killing a buck</i>	46%	33%	27%	21%	24%	45%	32%	30%	28%	21%	24%	30%	44%	31%	15%	28%
<i>Deer seen per day</i>	6.3	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
<i>Fawns seen per 100 does</i>	54	39	48	33	69	49	54	46	37	53	71	53	55	45	47	51
<i>Does seen per buck</i>	6	5	3	3	4	4	4	3	5	3	5	2	5	3	4	2
<i>More deer than last year</i>	43%	37%	17%	0%	50%	71%	38%	8%	20%	25%	31%	73%	31%	0%	10%	38%
<i>Same number deer</i>	29%	63%	33%	0%	17%	22%	31%	8%	0%	25%	38%	0%	54%	55%	10%	54%
<i>Fewer deer</i>	28%	0%	50%	100%	33%	7%	31%	84%	80%	50%	31%	27%	15%	45%	80%	8%
<i>Season good-to-excellent</i>	57%	50%	50%	0%	33%	79%	40%	0%	8%	16%	15%	55%	54%	18%	27%	33%
<i>Season fair-to-poor</i>	43%	50%	50%	100%	67%	21%	60%	100%	92%	84%	85%	45%	46%	82%	73%	67%

**Most frequent comments received:**

More young bucks	3
Like the old combination license rules (no APR on regular tag)	2

## DEER MANAGEMENT UNIT 036

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	26	30	32	31	33	35	32	33	25	32	26	26	23	19	20	19
<i>Hunters</i>	125	132	144	137	137	139	140	147	124	139	93	93	93	84	73	69
<i>% killing a buck</i>	31%	35%	29%	20%	33%	25%	38%	22%	15%	9%	8%	32%	40%	20%	15%	20%
<i>Deer seen per day</i>	2.5	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
<i>Fawns seen per 100 does</i>	47	53	42	34	61	52	38	36	30	43	70	57	41	43	50	46
<i>Does seen per buck</i>	3	2	3	3	2	3	3	3	6	13	3	3	4	5	3	2
<i>More deer than last year</i>	11%	52%	3%	3%	27%	36%	22%	6%	4%	0%	35%	84%	43%	6%	12%	13%
<i>Same number deer</i>	35%	31%	45%	19%	46%	49%	56%	25%	8%	13%	35%	16%	48%	44%	23%	24%
<i>Fewer deer</i>	54%	17%	52%	78%	27%	15%	22%	69%	88%	87%	30%	0%	9%	50%	65%	63%
<i>Season good-to-excellent</i>	36%	52%	29%	10%	21%	42%	53%	19%	0%	0%	4%	56%	57%	27%	11%	19%
<i>Season fair-to-poor</i>	64%	48%	71%	90%	79%	58%	47%	81%	100%	100%	96%	44%	43%	73%	89%	81%

**Most frequent comments received:**

Fewer deer observed this season	5
Numerous wolves, tracks, or howls in my area	5
Reduce or eliminate antlerless licenses in unit	3
Wolves having a negative impact on deer	2
Control wolves or allow us to control them	2
Worst season ever	2
More deer observed this season	2
Less hunters in area	2

## DEER MANAGEMENT UNIT 042

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	4	3	6	7	12	12	11	12	10	12	9	10	9	10	8	8
<i>Hunters</i>	21	21	34	45	78	73	77	75	48	59	49	58	38	42	37	37
<i>% killing a buck</i>	62%	38%	35%	24%	31%	42%	32%	32%	15%	10%	29%	33%	32%	19%	16%	22%
<i>Deer seen per day</i>	2.2	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
<i>Fawns seen per 100 does</i>	47	56	11	4	18	28	26	18	15	26	33	56	41	29	26	39
<i>Does seen per buck</i>	2	2	2	2	2	3	3	2	3	7	3	4	4	3	6	3
<i>More deer than last year</i>	50%	50%	20%	0%	33%	27%	9%	0%	10%	0%	33%	40%	43%	0%	0%	38%
<i>Same number deer</i>	50%	50%	20%	0%	34%	64%	82%	17%	10%	8%	23%	40%	28%	11%	13%	13%
<i>Fewer deer</i>	0%	0%	60%	100%	33%	9%	9%	83%	80%	92%	44%	20%	29%	89%	87%	49%
<i>Season good-to-excellent</i>	100%	100%	34%	0%	33%	64%	46%	33%	0%	0%	33%	30%	28%	0%	0%	13%
<i>Season fair-to-poor</i>	0%	0%	66%	100%	67%	36%	54%	67%	100%	100%	67%	70%	72%	100%	100%	87%

**Most frequent comments received:**

Fewer deer observed this season	3
Numerous wolves, tracks, or howls in my area	3

## DEER MANAGEMENT UNIT 048

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	26	27	26	24	23	33	37	31	34	36	36	36	36	38	30	32
<i>Hunters</i>	127	140	130	103	99	138	161	147	116	148	140	136	150	133	101	128
<i>% killing a buck</i>	22%	28%	29%	15%	19%	28%	29%	23%	17%	3%	23%	29%	31%	23%	11%	16%
<i>Deer seen per day</i>	1.3	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
<i>Fawns seen per 100 does</i>	54	47	47	51	58	55	52	25	47	54	51	48	57	51	43	67
<i>Does seen per buck</i>	2	4	3	5	3	2	4	3	6	3	3	5	4	5	15	3
<i>More deer than last year</i>	28%	48%	38%	4%	9%	30%	50%	13%	14%	0%	31%	81%	37%	13%	13%	16%
<i>Same number deer</i>	32%	36%	21%	4%	43%	48%	25%	19%	0%	13%	36%	5%	29%	27%	26%	42%
<i>Fewer deer than last year</i>	40%	16%	42%	92%	48%	21%	25%	68%	86%	87%	33%	14%	34%	60%	61%	42%
<i>Season good-to-excellent</i>	32%	44%	48%	13%	13%	36%	53%	22%	18%	0%	17%	44%	44%	33%	8%	9%
<i>Season fair-to-poor</i>	68%	56%	52%	88%	87%	63%	47%	78%	82%	100%	83%	56%	56%	67%	92%	91%

**Most frequent comments received:**

Fewer deer observed this season	7
Numerous wolves, tracks, or howls in my area	4
Wolves having a negative impact on deer	4
Worst season ever	4
Control wolves or allow us to control them	3
More deer observed this season	2
Keep antlerless quota the same	2
Migration pushed deer out of area	2

## DEER MANAGEMENT UNIT 055

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	58	55	57	54	56	57	54	52	46	52	52	51	45	43	40	38
<i>Hunters</i>	307	288	286	281	273	289	284	262	240	249	241	226	182	199	149	160
<i>% killing a buck</i>	38%	37%	34%	28%	31%	29%	40%	34%	30%	29%	29%	42%	37%	43%	38%	48%
<i>Deer seen per day</i>	3.8	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
<i>Fawns seen per 100 does</i>	63	60	49	48	63	64	61	59	50	62	67	74	60	65	61	78
<i>Does seen per buck</i>	3	3	2	2	2	2	3	4	3	2	3	2	3	3	3	2
<i>More deer than last year</i>	27%	22%	2%	4%	27%	27%	29%	6%	2%	8%	39%	56%	14%	20%	22%	18%
<i>Same number deer</i>	37%	41%	28%	7%	31%	39%	44%	14%	33%	25%	30%	36%	59%	43%	37%	41%
<i>Fewer deer</i>	36%	37%	70%	89%	42%	34%	27%	80%	65%	67%	31%	8%	27%	37%	41%	41%
<i>Season good-to-excellent</i>	48%	48%	30%	17%	33%	41%	52%	24%	20%	23%	37%	69%	61%	55%	43%	56%
<i>Season fair-to-poor</i>	52%	52%	70%	83%	67%	59%	48%	76%	80%	77%	63%	31%	29%	45%	57%	44%

**Most frequent comments received:**

Fewer deer observed this season	4
Numerous wolves, tracks, or howls in my area	3
More deer observed this season	2
Less hunters in area	2
Like the old combination license rules (no APR on regular tag)	2
We let small bucks go	2
Bucks were abundant or higher in number	2
Overlogging on state land	2
We let small bucks go	2

## DEER MANAGEMENT UNIT 066

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	3	7	8	13	14	16	14	18	9	16	16	14	11	13	10	12
<i>Hunters</i>	11	28	43	39	50	62	51	73	26	44	54	48	37	46	33	37
<i>% killing a buck</i>	64%	25%	14%	10%	14%	29%	35%	36%	12%	18%	24%	31%	32%	35%	27%	49%
<i>Deer seen per day</i>	3.7	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
<i>Fawns seen per 100 does</i>	46	31	47	33	62	65	51	21	42	42	39	23	24	26	43	9
<i>Does seen per buck</i>	5	5	13	31	3	5	3	3	9	2	3	4	5	5	6	2
<i>More deer than last year</i>	0%	43%	0%	0%	8%	37%	57%	6%	0%	0%	27%	31%	18%	15%	0%	8%
<i>Same number deer</i>	100%	0%	13%	0%	31%	50%	36%	11%	11%	0%	33%	31%	27%	23%	40%	34%
<i>Fewer deer</i>	0%	57%	87%	100%	61%	13%	7%	83%	89%	100%	40%	38%	55%	62%	60%	58%
<i>Season good-to-excellent</i>	33%	28%	25%	7%	7%	25%	50%	11%	0%	6%	7%	23%	19%	23%	10%	36%
<i>Season fair-to-poor</i>	67%	72%	75%	93%	93%	75%	50%	89%	100%	94%	93%	77%	81%	77%	90%	64%

**Most frequent comments received:**

Fewer bucks or buck sign	2
Wolves having a negative impact on deer	2

## DEER MANAGEMENT UNIT 117

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	18	18	19	23	23	23	22	21	23	18	15	16	17	17	14	15
<i>Hunters</i>	56	60	71	93	97	85	89	103	92	97	72	78	87	91	45	76
<i>% killing a buck</i>	30%	27%	30%	30%	19%	21%	21%	20%	12%	12%	18%	19%	28%	18%	20%	18%
<i>Deer seen per day</i>	1.5	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
<i>Fawns seen per 100 does</i>	57	37	35	25	53	35	39	41	37	29	24	36	30	19	23	34
<i>Does seen per buck</i>	3	3	2	2	4	4	4	4	6	5	3	3	5	4	4	3
<i>More deer than last year</i>	17%	50%	21%	4%	4%	9%	10%	5%	14%	12%	14%	47%	57%	25%	0%	27%
<i>Same number deer</i>	44%	12%	32%	31%	22%	48%	45%	33%	23%	19%	43%	33%	43%	50%	83%	40%
<i>Fewer deer than last year</i>	39%	38%	47%	65%	74%	43%	45%	62%	63%	69%	43%	20%	0%	25%	17%	33%
<i>Season good-to-excellent</i>	39%	35%	42%	26%	8%	13%	23%	24%	23%	6%	21%	25%	64%	33%	17%	36%
<i>Season fair-to-poor</i>	61%	65%	58%	74%	92%	82%	77%	76%	77%	94%	79%	75%	36%	67%	83%	64%

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

Support Drummond APR's and One Buck Rule	3	More deer observed this season
		Fawns were abundant or higher in number
		Less hunters in area
		Less does seen
		Overlogging on state land
		Increase antlerless licenses in unit
		Don't agree with the new DMU's and antlerless regs
		Increase bear permits
		Support only antlered harvest on combo license
		Open firearm season on a weekend

## DEER MANAGEMENT UNIT 121

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	19	16	14	14	15	13	13	16	16	18	17	14	11	11	10	11
<i>Hunters</i>	78	72	66	68	65	50	43	58	62	68	67	50	48	52	47	42
<i>% killing a buck</i>	33%	39%	36%	16%	15%	28%	42%	26%	21%	22%	22%	46%	54%	46%	45%	43%
<i>Deer seen per day</i>	2.1	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
<i>Fawns seen per 100 does</i>	31	34	24	31	40	45	29	23	30	39	47	60	56	54	38	45
<i>Does seen per buck</i>	3	2	2	2	5	3	3	2	4	4	3	3	4	2	2	3
<i>More deer than last year</i>	11%	19%	7%	0%	13%	38%	38%	13%	13%	0%	40%	54%	45%	0%	11%	18%
<i>Same number deer</i>	63%	44%	43%	0%	40%	39%	31%	13%	25%	12%	47%	38%	37%	82%	22%	64%
<i>Fewer deer</i>	26%	37%	50%	100%	47%	23%	31%	74%	62%	88%	13%	8%	18%	18%	67%	18%
<i>Season good-to-excellent</i>	47%	31%	28%	0%	7%	38%	31%	13%	25%	12%	13%	62%	64%	54%	50%	55%
<i>Season fair-to-poor</i>	53%	69%	72%	100%	93%	62%	69%	87%	75%	88%	87%	38%	36%	46%	50%	45%

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

<p>More young bucks</p> <p style="text-align: center;">2</p>	<p>More deer observed this season</p> <p>Fawns were abundant or higher in number</p> <p>Bucks were abundant or higher in number</p>
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## DEER MANAGEMENT UNIT 122

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	5	7	5	10	7	6	3	6	6	6	7	6	7	5	5	4
<i>Hunters</i>	22	35	27	37	34	23	9	27	26	25	25	29	28	15	14	12
<i>% killing a buck</i>	9%	34%	37%	11%	24%	22%	22%	26%	27%	16%	16%	17%	29%	40%	14%	8%
<i>Deer seen per day</i>	6.0	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
<i>Fawns seen per 100 does</i>	56	61	35	76	49	56	58	72	57	63	74	83	63	48	75	52
<i>Does seen per buck</i>	7	3	5	3	4	4	2	4	3	3	2	2	3	3	1	1
<i>More deer than last year</i>	0%	0%	0%	0%	14%	50%	67%	0%	0%	0%	43%	67%	29%	0%	0%	0%
<i>Same number deer</i>	80%	80%	40%	30%	29%	17%	0%	17%	0%	50%	57%	33%	14%	75%	25%	50%
<i>Fewer deer</i>	20%	20%	60%	70%	57%	33%	33%	83%	100%	50%	0%	0%	57%	25%	75%	50%
<i>Season good-to-excellent</i>	40%	40%	60%	20%	43%	50%	33%	17%	33%	0%	57%	50%	29%	25%	0%	25%
<i>Season fair-to-poor</i>	60%	60%	40%	80%	57%	50%	67%	83%	67%	100%	43%	50%	71%	75%	100%	75%

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

- Numerous wolves, tracks, or howls in my area
- Worst season ever
- Less shooting heard
- Fewer mature bucks on camera/seen
- Numerous coyotes, tracks, or howls in my area
- Shorten Crossbow season

## DEER MANAGEMENT UNIT 127

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	11	10	10	17	14	17	10	12	9	14	11	7	6	6	6	5
<i>Hunters</i>	43	32	34	61	49	61	31	37	24	26	22	16	11	12	11	9
<i>% killing a buck</i>	23%	37%	35%	13%	35%	30%	42%	16%	25%	19%	27%	38%	27%	25%	9%	22%
<i>Deer seen per day</i>	2.2	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
<i>Fawns seen per 100 does</i>	52	72	52	51	53	31	33	34	10	44	71	84	46	17	46	67
<i>Does seen per buck</i>	5	5	3	4	6	4	6	10	4	N/A	1	4	12	2	N/A	1
<i>More deer than last year</i>	18%	22%	0%	6%	14%	6%	40%	0%	0%	20%	10%	57%	80%	17%	0%	20%
<i>Same number deer</i>	18%	67%	30%	12%	36%	47%	40%	9%	11%	10%	30%	14%	0%	33%	33%	20%
<i>Fewer deer</i>	64%	11%	70%	82%	50%	47%	20%	91%	89%	70%	60%	29%	20%	50%	67%	60%
<i>Season good-to-excellent</i>	9%	34%	10%	0%	21%	12%	50%	8%	0%	0%	10%	43%	40%	17%	0%	20%
<i>Season fair-to-poor</i>	91%	66%	90%	100%	79%	88%	50%	92%	100%	100%	90%	57%	60%	83%	100%	80%

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

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

Numerous wolves, tracks, or howls in my area

Worst season ever

Numerous coyotes, tracks, or howls in my area

More deer observed this season

Wolves having a negative impact on deer

Observed fewer wolves or wolf sign

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

## DEER MANAGEMENT UNIT 131

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	3	5	4	7	7	6	8	8	6	10	8	8	7	5	6	5
<i>Hunters</i>	21	21	19	32	31	24	39	41	21	41	25	31	22	13	26	23
<i>% killing a buck</i>	33%	43%	37%	19%	23%	46%	36%	24%	33%	15%	4%	26%	27%	23%	23%	57%
<i>Deer seen per day</i>	1.2	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
<i>Fawns seen per 100 does</i>	23	21	46	42	87	54	47	34	47	28	50	72	68	88	43	64
<i>Does seen per buck</i>	3	5	2	2	3	1	2	5	7	3	4	5	5	2	5	2
<i>More deer than last year</i>	33%	60%	0%	0%	86%	100%	71%	0%	0%	10%	38%	78%	33%	40%	33%	40%
<i>Same number deer</i>	34%	20%	0%	0%	14%	0%	15%	14%	0%	10%	62%	11%	50%	20%	17%	60%
<i>Fewer deer</i>	33%	20%	100%	100%	0%	0%	14%	86%	100%	80%	0%	11%	17%	40%	50%	0%
<i>Season good-to-excellent</i>	33%	80%	50%	0%	71%	83%	61%	13%	0%	20%	14%	50%	66%	40%	17%	60%
<i>Season fair-to-poor</i>	67%	20%	50%	100%	29%	17%	29%	87%	100%	80%	86%	50%	34%	60%	83%	40%

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

Numerous wolves, tracks, or howls in my area

Control wolves or allow us to control them

Keep antlerless quota the same

Make antler restrictions for all licenses

Like the APR's on combo license

## DEER MANAGEMENT UNIT 152

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	29	30	26	28	27	25	21	20	20	20	21	19	20	19	18	19
<i>Hunters</i>	155	153	137	142	134	115	105	98	91	93	91	93	96	71	70	72
<i>% killing a buck</i>	22%	23%	27%	21%	22%	27%	32%	28%	7%	16%	19%	22%	36%	18%	16%	35%
<i>Deer seen per day</i>	1.6	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
<i>Fawns seen per 100 does</i>	43	41	50	28	32	47	37	33	37	36	58	45	39	44	41	41
<i>Does seen per buck</i>	5	4	4	4	3	5	3	5	9	7	4	4	4	6	7	4
<i>More deer than last year</i>	24%	32%	8%	4%	23%	46%	28%	0%	5%	33%	26%	84%	37%	16%	0%	41%
<i>Same number deer</i>	35%	39%	23%	8%	35%	37%	28%	26%	10%	0%	53%	11%	42%	31%	19%	24%
<i>Fewer deer</i>	41%	29%	69%	88%	42%	17%	44%	74%	85%	67%	21%	5%	21%	53%	81%	35%
<i>Season good-to-excellent</i>	21%	38%	24%	15%	31%	37%	42%	21%	5%	16%	10%	53%	60%	42%	12%	39%
<i>Season fair-to-poor</i>	79%	62%	76%	85%	69%	63%	58%	79%	95%	84%	90%	47%	40%	58%	88%	61%

**Most frequent comments received:**

More deer observed this season	4
Control wolves or allow us to control them	2
Worst season ever	2

## DEER MANAGEMENT UNIT 155

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	16	17	23	21	18	16	19	17	14	16	16	17	14	12	13	11
<i>Hunters</i>	78	71	106	90	71	75	80	69	52	67	59	63	51	42	39	36
<i>% killing a buck</i>	22%	24%	29%	21%	20%	28%	24%	28%	17%	13%	19%	25%	41%	26%	26%	22%
<i>Deer seen per day</i>	4.1	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
<i>Fawns seen per 100 does</i>	60	73	62	58	67	55	53	49	43	46	76	60	62	51	49	71
<i>Does seen per buck</i>	3	4	3	3	4	4	2	2	4	3	4	2	3	3	3	3
<i>More deer than last year</i>	19%	47%	14%	0%	29%	53%	55%	6%	14%	0%	25%	75%	58%	8%	17%	18%
<i>Same number deer</i>	50%	41%	18%	10%	47%	7%	28%	13%	22%	0%	44%	19%	34%	50%	0%	37%
<i>Fewer deer</i>	31%	12%	68%	90%	24%	40%	17%	81%	64%	100%	31%	6%	8%	42%	83%	45%
<i>Season good-to-excellent</i>	44%	53%	26%	10%	18%	40%	64%	24%	21%	0%	20%	75%	69%	25%	23%	30%
<i>Season fair-to-poor</i>	56%	47%	74%	90%	82%	60%	36%	76%	79%	100%	80%	25%	31%	75%	77%	70%

**Most frequent comments received:**

Control wolves or allow us to control them	2
Predators having a negative impact on deer	2
Fawns were not abundant or fewer in number	2

## DEER MANAGEMENT UNIT 249

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	7	7	7	10	14	17	18	16	20	22	21	17	17	17	15	13
<i>Hunters</i>	52	46	45	68	72	73	86	85	65	76	81	72	72	81	55	54
<i>% killing a buck</i>	27%	39%	27%	10%	10%	22%	22%	20%	20%	12%	26%	19%	36%	16%	24%	22%
<i>Deer seen per day</i>	1.0	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
<i>Fawns seen per 100 does</i>	50	59	27	47	80	65	55	22	45	68	44	54	56	44	88	79
<i>Does seen per buck</i>	6	3	6	3	2	3	3	4	5	5	4	4	2	5	4	3
<i>More deer than last year</i>	29%	14%	14%	0%	14%	29%	44%	0%	7%	5%	37%	44%	29%	13%	0%	33%
<i>Same number deer</i>	57%	57%	43%	0%	15%	30%	50%	25%	20%	0%	47%	50%	64%	37%	29%	25%
<i>Fewer deer than last year</i>	14%	29%	43%	100%	71%	41%	6%	75%	73%	95%	16%	6%	7%	50%	71%	42%
<i>Season good-to-excellent</i>	14%	29%	0%	0%	7%	12%	28%	13%	12%	0%	25%	31%	47%	12%	20%	25%
<i>Season fair-to-poor</i>	71%	71%	100%	100%	92%	88%	72%	88%	88%	100%	75%	69%	53%	88%	80%	75%

### Most frequent comments received:

Fewer deer observed this season	7
Control wolves or allow us to control them	3
Wolves having a negative impact on deer	3
Numerous wolves, tracks, or howls in my area	3
Predators having a negative impact on deer	2
Less shooting heard	2
Hunted less in the U.P. due to low deer numbers	2
Less hunters in area	2
Don't agree with the new DMU's and antlerless regs	2
Shorten the deer season	2

## DEER MANAGEMENT UNIT 252

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	19	21	21	22	20	23	21	21	15	18	17	13	13	13	14	10
<i>Hunters</i>	94	99	102	107	85	95	90	89	65	63	54	44	44	57	46	35
<i>% killing a buck</i>	31%	40%	28%	18%	20%	22%	33%	20%	18%	3%	13%	25%	25%	18%	17%	9%
<i>Deer seen per day</i>	2.6	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
<i>Fawns seen per 100 does</i>	60	48	35	34	54	55	55	29	39	57	78	49	38	41	35	64
<i>Does seen per buck</i>	3	2	3	1	6	4	2	7	6	8	2	7	4	5	5	5
<i>More deer than last year</i>	10%	33%	10%	0%	20%	18%	43%	0%	13%	0%	44%	42%	31%	8%	0%	44%
<i>Same number deer</i>	40%	29%	25%	9%	25%	32%	33%	5%	0%	0%	18%	25%	23%	9%	15%	9%
<i>Fewer deer</i>	50%	38%	65%	91%	55%	50%	24%	95%	87%	100%	38%	33%	46%	83%	85%	33%
<i>Season good-to-excellent</i>	29%	43%	24%	5%	10%	23%	48%	0%	7%	0%	13%	33%	24%	8%	0%	20%
<i>Season fair-to-poor</i>	71%	57%	76%	95%	90%	77%	52%	100%	93%	100%	87%	67%	76%	92%	100%	80%

### Most frequent comments received:

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

## DEER MANAGEMENT UNIT 255

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	36	36	35	34	33	32	32	33	31	35	31	29	27	24	24	21
<i>Hunters</i>	182	196	172	173	159	160	163	161	156	178	144	151	136	96	98	90
<i>% killing a buck</i>	34%	40%	34%	24%	30%	31%	24%	29%	25%	16%	20%	26%	32%	24%	24%	23%
<i>Deer seen per day</i>	4.2	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
<i>Fawns seen per 100 does</i>	73	65	62	50	75	68	67	49	49	52	82	60	56	72	58	64
<i>Does seen per buck</i>	3	3	3	3	3	3	3	3	7	4	3	3	4	5	4	2
<i>More deer than last year</i>	17%	33%	9%	0%	24%	34%	26%	10%	23%	0%	48%	66%	37%	5%	9%	19%
<i>Same number deer</i>	47%	53%	31%	15%	33%	44%	35%	13%	20%	23%	26%	24%	37%	18%	41%	33%
<i>Fewer deer</i>	36%	14%	60%	85%	42%	22%	39%	77%	57%	77%	26%	10%	26%	77%	50%	48%
<i>Season good-to-excellent</i>	44%	61%	38%	20%	27%	37%	33%	19%	29%	6%	19%	55%	74%	18%	21%	35%
<i>Season fair-to-poor</i>	56%	39%	62%	80%	73%	63%	67%	81%	71%	94%	81%	45%	26%	82%	79%	65%

**Most frequent comments received:**

Disagree with the bait ban	5
Reduce or eliminate antlerless licenses in unit	4
More young bucks	3
Fewer deer observed this season	2
Control wolves or allow us to control them	2
Eliminate early "special" seasons	2

## DEER MANAGEMENT UNIT 349

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
<i>Camps</i>	10	8	9	13	10	12	14	13	16	15	16	14	13	12	13	12
<i>Hunters</i>	46	47	52	61	49	42	60	51	72	69	67	53	57	53	46	54
<i>% killing a buck</i>	17%	19%	31%	13%	18%	17%	23%	12%	22%	10%	13%	25%	37%	25%	26%	22%
<i>Deer seen per day</i>	3.1	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
<i>Fawns seen per 100 does</i>	60	69	48	75	56	59	65	59	41	49	82	83	46	49	46	80
<i>Does seen per buck</i>	3	2	2	3	4	5	3	4	4	4	3	3	4	7	4	4
<i>More deer than last year</i>	30%	25%	33%	0%	20%	42%	31%	15%	14%	0%	38%	65%	47%	8%	0%	8%
<i>Same number deer</i>	20%	25%	34%	15%	60%	33%	38%	31%	21%	20%	43%	21%	38%	34%	15%	50%
<i>Fewer deer than last year</i>	50%	50%	33%	85%	20%	25%	31%	54%	65%	80%	19%	14%	15%	58%	85%	42%
<i>Season good-to-excellent</i>	40%	38%	67%	15%	10%	25%	46%	31%	43%	0%	31%	54%	61%	16%	15%	18%
<i>Season fair-to-poor</i>	60%	63%	33%	85%	90%	67%	54%	69%	57%	100%	69%	46%	39%	84%	85%	82%

**Most frequent comments received:**

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