2015 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 2016

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 2015 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 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. (WUP and EUP, respectively). 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. We hope you enjoy reading the report and find the results interesting.

Background Information

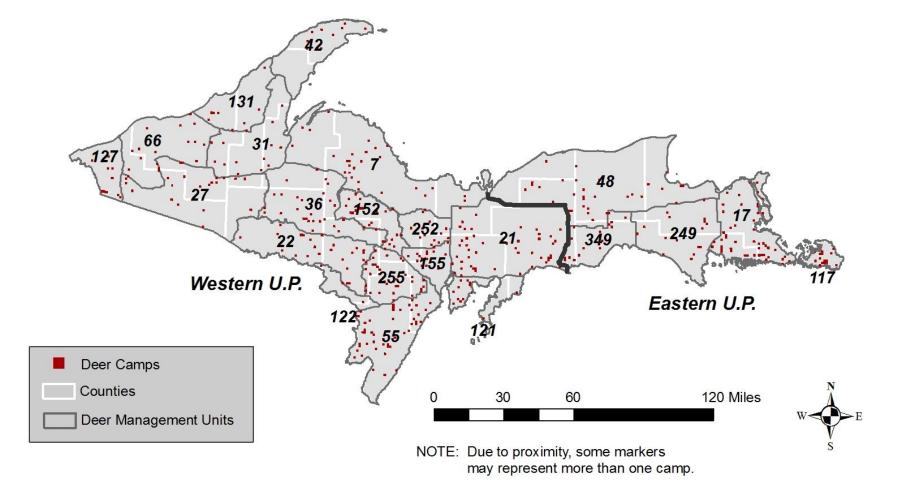
The deer camp survey is used to monitor deer sightings, deer harvest, and hunter opinions during the 16-day firearm season. It provides hunters and DNR staff with feedback on the status of the deer herd and hunting satisfaction soon after the season ends. Beginning in the early 1990's, deer camps have been casually recruited into the survey by word-of-mouth, visiting camps, using club membership lists, or sign-ups at banquets. Camp survey forms and postage-paid envelopes were mailed to 667 contact persons prior to the 2015 season. In mid-December, a reminder was sent to camps that had not yet responded.

To encourage responses, several U.P sportsmen's groups provided drawing prizes to camp contact persons who responded. This year's lucky winners were Richard Baxter, Don Bolich, Bud Bristow, Dan Cassidy, Ray De Jonge, Fred Gregg, Robert Hanson, James Hacker, Barb Harvey, Ron Jenkins, Martin Johnson, Jim Koldos, Travis Kross, Arthur Messier, Roger Monsma, Lois Pfitzer, Joe Russell, Terry Soderman, Jay Tremble, Douglas Wagner, Charles Westerberg, and David Willis. Congratulations to the winners, and thank you to the following sportsmen's groups for providing the prizes:

Eastern U.P.
Drummond Island Sportsmen's Club
Raber Area Sportsmen's Club
Straits Area Sportsmen's Club
Sault Area Sportsmen's Club
St. Mary's River Sportsmen's Club
Chippewa County Shooting Association
Mackinac Chapter of the Quality Deer Management Association

<u>Western U.P.</u> Eastern Dickinson County Sportsmen's Club U.P. Whitetails Association

Upper Peninsula Deer Camp Survey Locations 2015 Firearm Season



Summary of the 2015 U.P. Deer Camp Survey

Western U.P.

- 1. Deer sightings decreased from 2.8 deer per day in 2014 to 1.6 in 2015 (page 6).
- 2. The percentage of hunters harvesting a buck during firearm season decreased from 19% in 2014 to 15% in 2015 (**page 7**).
- 3. Hunters observed 50 fawns per 100 does this year compared to 40 last season (page 7).
- 4. Six percent of camps felt the deer herd increased from 2014 to 2015, while 12% felt it was the same size and 82% felt it had decreased (**page 8**).
- 5. Most camps rated the 2015 firearm season as "fair" (16%) or "poor" (76%) (page 8).

Eastern U.P.

- 6. Deer sightings decreased from 2.5 in 2014 to 1.4 in 2015 (page 9).
- 7. The percentage of hunters harvesting a buck during firearm season decreased 17% in 2014 to 10% in 2015 (page 10).
- 8. Hunters observed 49 fawns per 100 does this year compared to 47 in 2014 (page 10).
- 9. Three percent of camps felt the deer herd increased from 2014 to 2015, 14% felt it was the same size, and 83% felt it had decreased (**page 11**).
- 10. Most camps rated the 2015 firearm season as "fair" (19%) or "poor" (77%) (page 11).

Region-Wide Information

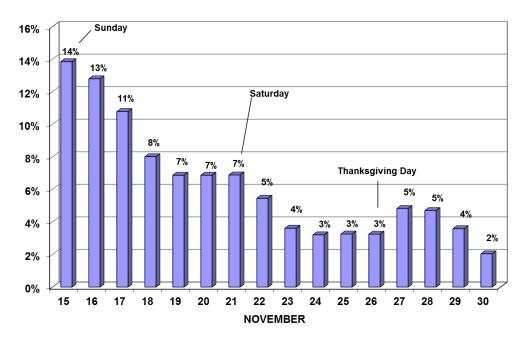
- 11. Results begin with a short U.P. regional summary of statistics, season conditions, and winter snow conditions (**pages 4-5**).
- 12. Deer management units (DMU's) are compared with each other in terms of participation, daily deer sightings, buck kill success, and fawn-doe ratios (**pages 12-15**).
- 13. Deer hunters were more likely to pass on bucks (not shoot them) if they had multiple opportunities to see bucks (**page 14**).
- 14. The ages of bucks harvested in the U.P. and brought to check stations during 2015 was 24% 1.5-year-olds, 39% 2.5-year-olds, 31% 3.5-year-olds, 7% > 4.5 year-olds (**page 15**).
- 15. Archery season participation is summarized on page 16.
- 16. Camps kept track of sightings of 11 wildlife species besides deer (**page 16**). There were 4 reported cougar sightings and 15 feral pig sightings during the firearm season. Camps reported shooting 40 coyotes this firearm season. (**page 16**).
- 17. Camps wrote numerous comments on their survey forms. These comments were placed in categories, and responses to the most common issues are provided (**pages 16-19**).
- Deer season statistics are provided for the entire U.P. survey area (pages 4-5), in Tables 1-3 based on area (U.P. Region, EUP, or WUP) (pages 20-22), and for each DMU in Table 4 (page 23).
- 19. Hunter-generated statistics and a summary of written comments are provided for each of the 22 DMU's (**pages 25-35**).

RESULTS OF THE 2015 SURVEY

(Also see Tables 1 - 3 on pages 20-22)

U.P. REGION

A total of 547 camps occupied by 2,277 hunters participated in the 2015 U.P. Deer Camp Survey, and a table of summary statistics from across the region is on page 20. Seventy-seven percent of the participating camps also participated in 2014. Hunters spent a total of 13,931 days hunting, spending 17% more days afield than in 2014 (11,908 total hunter days). On average, 4 hunters occupied each deer camp, and each person averaged 6 days of hunting during the 16-day firearm season. Over half of the total hunting effort was expended in the first 5 days of the season, and 72% was completed after the 8th day of the season (after the 2nd Sunday). As in past years, there was never a day in which deer activity "shut down" completely across the entire landscape that makes up this survey.

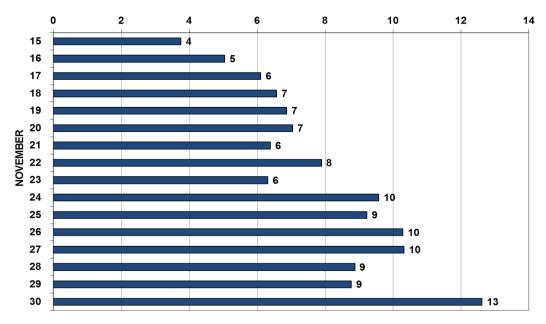


HUNTER PARTICIPATION IN THE 2015 FIREARM SEASON PERCENT OF TOTAL HUNTING EFFORT OCCURRING ON EACH DAY

Harvest: Fourteen percent of hunters harvested a buck during the 2015 firearm season, a decrease from 19% in 2014. One percent of hunters harvested a 2nd buck. Since 2003, 2% or less of participating hunters reported taking a 2nd buck in either the Eastern or Western U.P. Camp Survey areas each year (see pages 2, 6, or 9 for maps defining the areas).

In 2015, antlerless licenses were available on private lands only in 3 DMU's in the south-central UP, which is part of the Western U.P. survey area. Two percent of hunters in the Western U.P. (1% of all participating hunters) harvested an antlerless deer (doe or fawn) in 2015, which is below the long-term average of 9% for the Western U.P. Antlerless deer made up 10% of the total harvest at camps in the U.P. whereas bucks made up 90% of the take. Of the 28 hunters that harvested an antlerless deer, 71% took only 1 antlerless deer, 25% took 2 antlerless deer, and the remaining 4% took more than 2 antlerless deer. In the past, some hunters have taken antlerless deer during archery and muzzleloader seasons, but this survey records only those taken during firearm season.

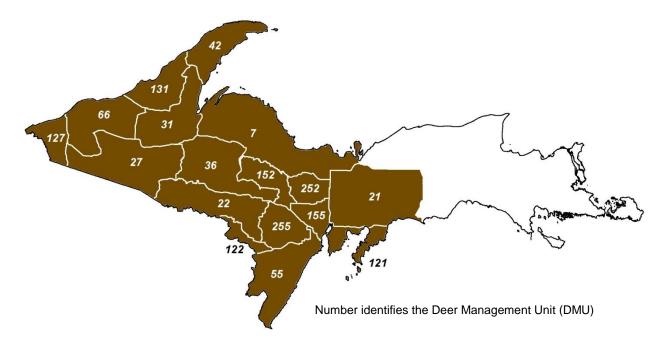
Doe Sightings per Buck: Four <u>adult</u> does were observed per <u>adult</u> buck on opening day in 2015. For most of the past 12 seasons, 3-4 adult does have been observed per adult buck. In 2014, 5 adult does were observed per adult buck on opening day. The more highly skewed ratio in 2014 may have been due to low recruitment of new male fawns into the adult population, which in most years helps to "rebalance" the sex ratio to some extent. The sex ratio skewed toward a higher number of does per buck as the 2015 season progressed and more bucks than does were removed from the population, as shown below.





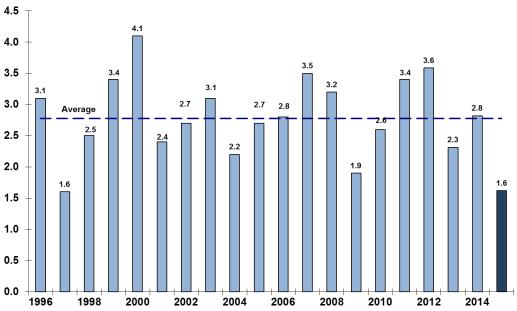
Weather during Firearm Season & Update on the Winter of 2015-16: Weather was unseasonably mild during the 2015 firearm season. Early season temperatures were in the 50's and no snow was on the ground across most of the U.P. Weather conditions were opposite of the hunting conditions during the 2014 season. In 2014 record November snowfall occurred in numerous locations across the U.P immediately prior to the firearm season and temperatures were 7-9 degrees below average. These conditions may have confounded some of the 2014 survey statistics as explained in the 2014 report.

Wildlife Division monitors snow depths weekly at stations across the U.P. and adds weekly depths through the winter to develop a total accumulated snow (TAS) index. As of January 25, 2015, the TAS index was well below the 10-year average for this week.



Deer Observations: The average number of deer observed per hunter during the entire 2015 firearm season was 10 deer (1 buck and 9 antlerless), a decrease from the 17 deer (2 bucks and 15 antlerless) observed in 2014. Note: unidentified deer were considered antlerless in the analysis of deer sighting data.

The number of deer observed per hunter day (1.6) decreased to the lowest rate since 1997. In 2014, hunters observed 2.8 deer per hunter day, which is equal to the 20-year average. However, the 2014 rate was higher than anticipated and may have been confounded by deer behavior (ie. early migration) and reduced access to certain areas resulting from the snow conditions.

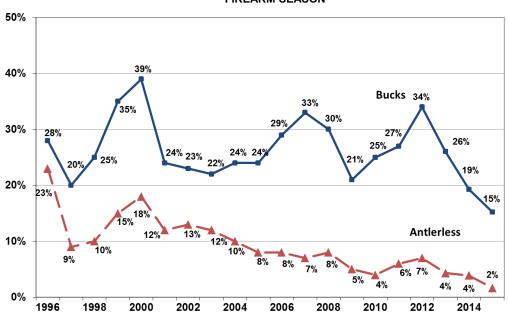


Number of Deer Observed Per Hunter Day 1996 - 2015 Firearm Seasons

WESTERN U.P.

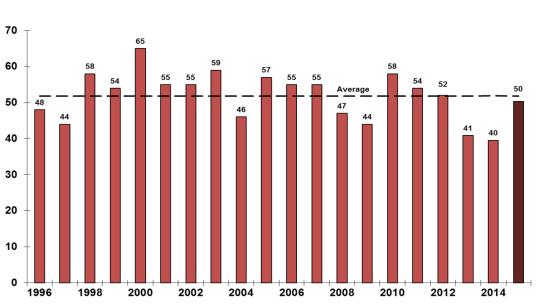
In 2015, hunters reported the highest daily sighting rates on the first and last days of the season. Hunters observed 4 adult does per adult buck on opening day.

Buck Harvest: Fifteen percent of hunters harvested a buck in 2015, down from 19% in 2014 and the lowest rate ever reported. The buck kill success rate has decreased each year since 2012. Of the 1,694 hunters in the Western U.P. survey area, 17 (1%) reported harvesting 2 bucks during the 2015 firearm season. Since 2001, 2% or less of hunters have taken a 2nd buck each year.



HUNTER SUCCESS RATES AT WEST U.P. COOPERATING DEER CAMPS FIREARM SEASON

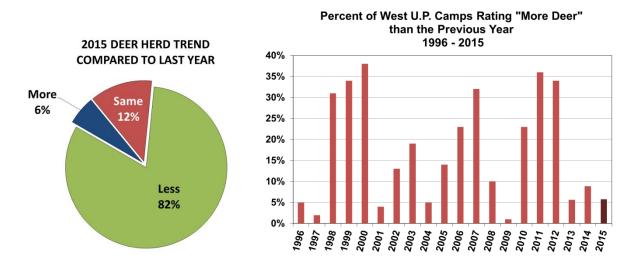
Fawn to Doe Ratio: Hunters reported 5,167 fawn and 10,227 doe sightings in 2015, a ratio of 50 fawns per 100 does and near the average of 52. The rate has rebounded from the lows of 41 and 40 in 2013 and 2014, respectively. The low fawn-to-doe ratios in 2013 and 2014 likely reflected low fawn recruitment relating to previous winters' conditions.



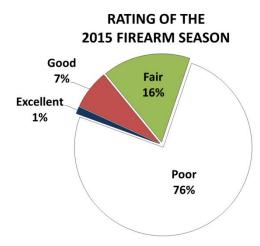


WESTERN U.P.

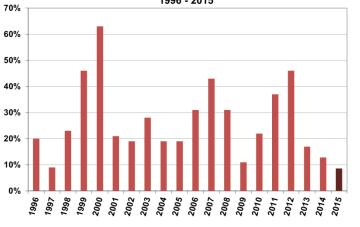
Deer Herd Trend: The majority of camps in this year's survey (82%) felt that deer numbers were down compared to last year. Twelve percent felt deer numbers were similar, and 6% said there were more deer than in 2014.

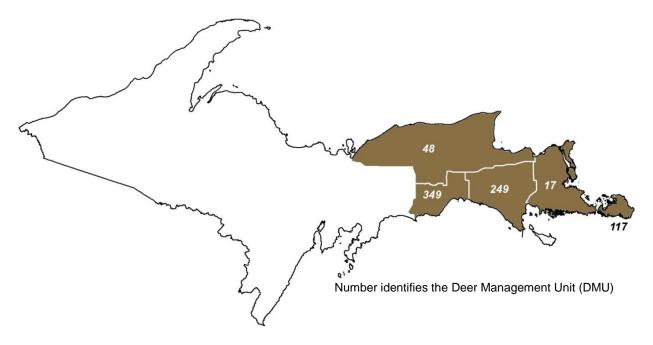


Rating of the Season: Camps were asked to rate the firearm season as excellent, good, fair, or poor. Only 8% of camps rated the season "good" or "excellent" in 2015. This is a decrease from the 13% reported in 2014 to a 20-year low. The previous low was reported in 1997, when 9% of camps rated the season "good" or "excellent". Most camps (76%) rated the 2015 season as "poor" (62% rated the season as "poor" in 2014).



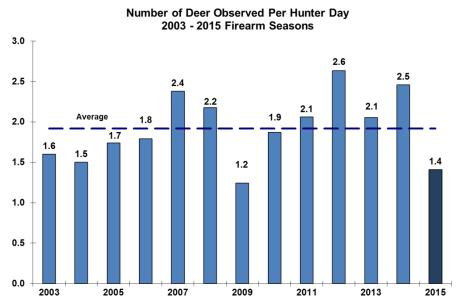
Percent of West U.P. Camps Rating the Season as "GOOD-to-EXELLENT" 1996 - 2015





Deer Observations: The average number of deer observed per hunter during the entire 2015 firearm season was 9 deer (1 buck and 8 antlerless) in the Eastern U.P., a decrease from the 13 deer (1 buck and 12 antlerless) observed per hunter during the 2014 season. Note: unidentified deer were considered antlerless in the analysis of deer sighting data.

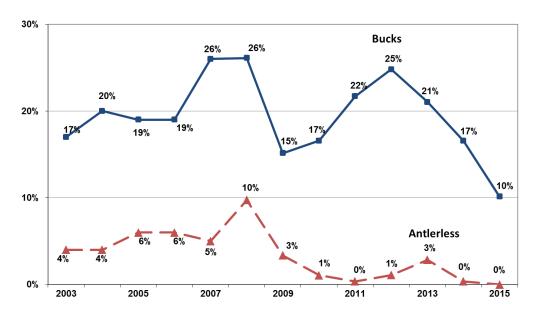
The number of deer observed per hunter day decreased from 2.5 in 2014 to 1.4 in 2015. The 13-year average is 1.9. Hunters observed 4 adult does per adult buck on opening day.



The daily deer sighting rate was higher during the latter half of the firearm season. The lowest rates were on Thursdays (including Thanksgiving). Hunter participation was greatest early in the season and decreased substantially by late season.

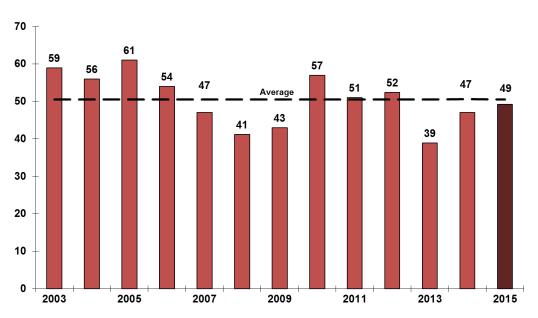
EASTERN U.P.

Buck Harvest: The percentage of hunters harvesting a buck during firearm season in the Eastern U.P. decreased for a third consecutive year. Ten percent of hunters harvested a buck in 2015 compared to 17% in 2014. Only 1 of the 583 hunters (<1%) reported harvesting 2 bucks during the 2015 firearm season. Since 2003, 1% or less of hunters have taken a 2^{nd} buck.



HUNTER SUCCESS RATES AT EAST U.P. COOPERATING DEER CAMPS FIREARM SEASON

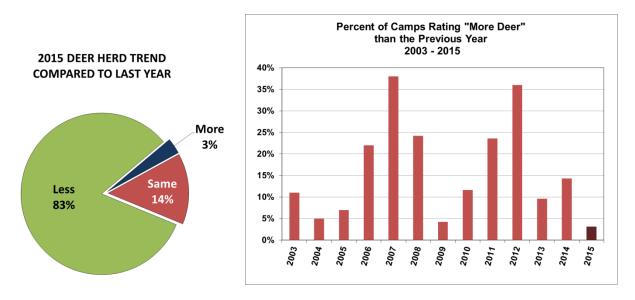
Fawn to Doe Ratio: Eastern U.P. hunters reported 1,640 fawn and 3,159 doe sightings in 2015, a ratio of 49 fawns per 100 does. This rate has increased to near the average of 51 from the low of 39 in 2013.



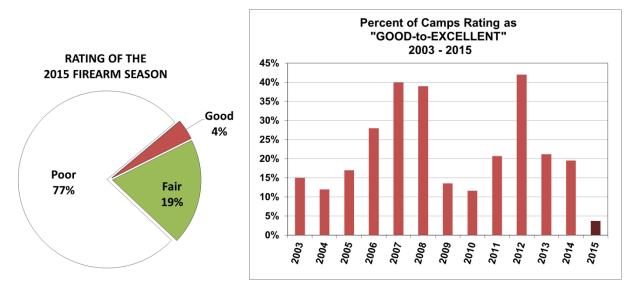
Fawns Observed Per 100 Does 2003 - 2015 Firearm Seasons

EASTERN U.P.

Deer Herd Trend: Most camps (83%) indicated there were fewer deer around their camp than in 2014. Only 3% of camps indicated there were more deer, while 14% of camps felt herd numbers were similar to 2014.



Rating of the Season: Camps were asked to rate the firearm season as excellent, good, fair, or poor. Most camps (96%) rated the season as "fair" or "poor". A rating of "good" was given by the remaining 4% of camps. These were the lowest ratings reported.

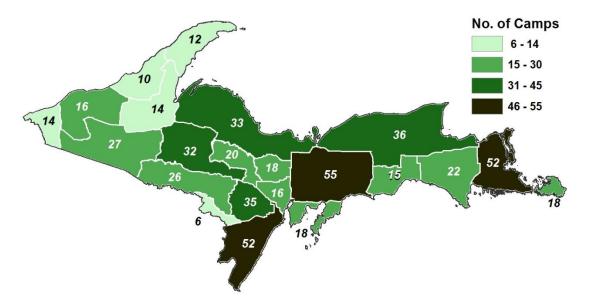


RESULTS BY DEER MANAGEMENT UNIT

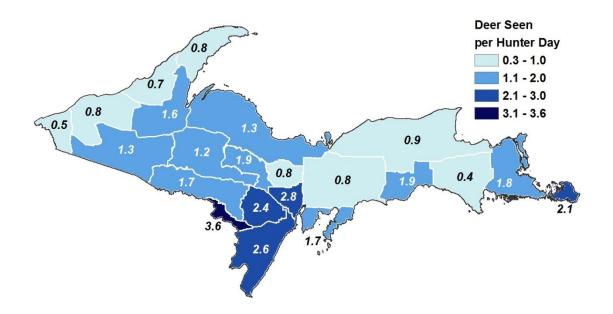
(Also see Table 4 on page 23)

Individual Deer Management Unit Statistics: Separate statistics and popular camp comments are provided for each individual Deer Management Unit at the end of this report (**pages 25-35**). 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.

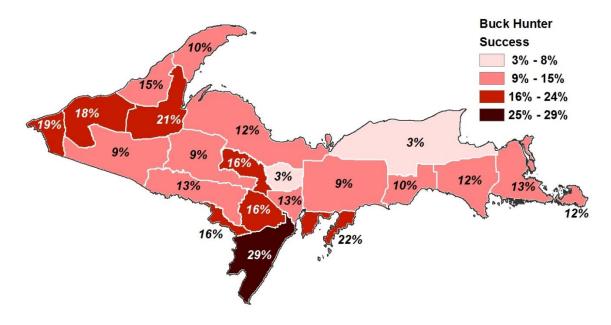
Participation: Camp and hunter participation varies across the peninsula. The map on page 2 shows the distribution of participating camps. The map below shows camp participation this year by DMU; numbers inside each DMU indicate the number of camps that participated this year. Some DMU's have light participation, such as DMU 122. 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 Field Office (906-635-6161 ext. 56171 or jentoftd@michigan.gov) to receive survey materials next firearm season.



Deer Observations per Day: The number of deer seen per day during the 2015 firearm season ranged from a low of 0.4 in DMU 249 to a high of 3.6 in DMU 122. The sighting rates decreased in 17 DMU's and was similar to 2014 rates in 2 DMU's. Three units in the south-central U.P. again had the highest rates. Here, farm fields enhance habitat and winter weather is less severe for deer than elsewhere in the U.P.

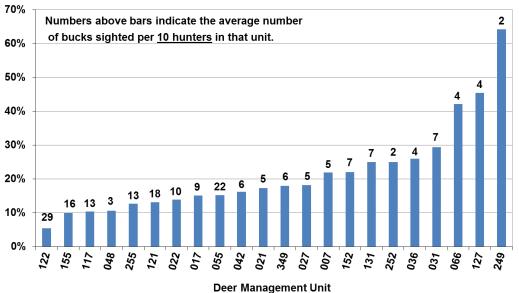


Buck Harvest: Buck kill success ranged from a low of 3% in DMU's 048 and 252 to a high of 29% in DMU 055. The rate decreased in 13 of the 22 DMU's and was similar to 2014 rates in 5 DMU's. In 2014, buck kill success ranged from 7% in DMU 152 to a high of 33% in DMU 131. There has not been a clear relationship 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. There is a relationship between daily deer sightings and the percent of buck sightings resulting in a buck being killed by DMU (see next section). Hunters in DMU's with lower deer sighting rates are more likely to take a buck seen than those in DMU's with higher deer sighting rates.



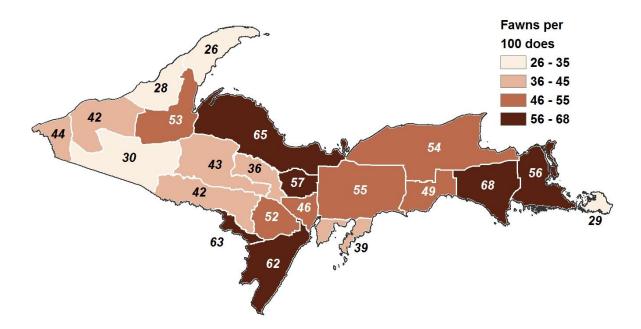
Percentage of Bucks Seen that were Killed: Hunters seem more willing to pass on bucks in areas where they have multiple buck sightings per season. In contrast, hunters appear less willing to "let 'em go" in areas where few, if any, bucks are seen. This relationship generally held true again in 2015. For example, in DMU 122, the average hunter had approximately 3 buck sightings during the 2015 season (29 buck sightings per 10 hunters), and only 5% of the buck sightings in that unit resulted in a kill. In DMU 249, where buck sightings per hunter for the season were only a fraction of that (2 buck sightings per 10 hunters), 64% of the sightings resulted in a kill.

As described in the previous section, a number of factors may affect whether a hunter harvests a buck seen. Most are voluntary and based on the choice of the hunter at the time of the buck sighting. However, there are two that involve regulatory restrictions based on license type and hunting location. Hunters that purchase 2 deer licenses (ie. the combination license) cannot harvest a buck with less than 3 antler points on one antler in the U.P. Any bucks with fewer than 3 points on 1 antler must be passed up. In addition, two DMU's have antler point restrictions regardless of license type. In DMU 122 in the southcentral U.P., hunters cannot take bucks sporting fewer than 3 antler points on one antler. In DMU 117 (Drummond Island), there is a "no spike" rule; hunters cannot take bucks with fewer than 2 antler points on one antler.

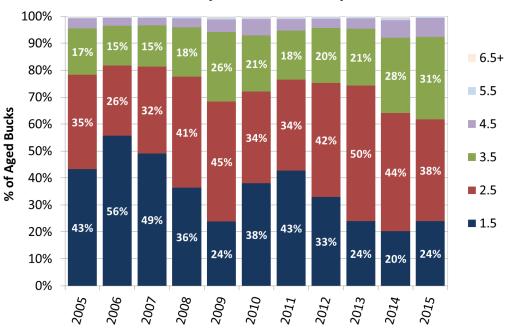


Percentage of U.P. Buck Sightings Resulting in a Kill 2015 Firearm Season

Fawn to Doe Ratio: The number of fawns observed per 100 does varied from a low of 26 in DMU 042 to 68 in DMU 249. The rates increased in 18 of the 22 DMU's compared to 2014. Fawn-to-doe ratios were at or above long-term averages in 13 of the 22 DMU's in 2015. Fawn recruitment was expected to be low, but improved from 2014. Fawn survival rates from the deer-predator research project (see page 19) in the western U.P. suggested low but improved survival rates for fawns in 2015 compared to 2014. Although the fawn-doe <u>ratios</u> reported here are generally higher than a year ago, we must remember the adult doe population is below-average in size, so the total fawn crop probably remains smaller than historical norms in many locations.



Age Structure of Harvest: The camp survey does not collect information on the age structure of harvested deer, but we have included age 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 2005 – 2015 seasons (archery, firearm, and muzzleloader combined).



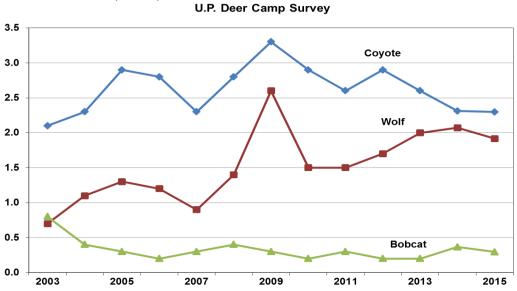
UP Buck Harvest by Age Class All Seasons - from check station information

The percentage of 1 ½ year-old (yearling) bucks aged at check stations has been low in recent years, likely relating to the poor fawn recruitment following recent harsh winters. Please note that the graph reflects <u>percent of bucks</u> that were aged. Increases in percentages of certain age classes compared to previous years does not necessarily reflect that more deer in that age class were checked than in earlier years.

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-one percent of participants hunted in the early archery season, and 7% planned to hunt in the late archery season. In 2014, 24% percent of participants hunted in the early archery season, and 8% hunted in the late archery season.

Other Wildlife Sightings: Deer camps kept track of furbearing mammals and other select species observed while hunting during firearm season as well as the number of covotes harvested by hunters (see tables 5 and 6 on page 24). Camps harvested 40 coyotes in 2015 compared to 32 in 2014, 39 in 2013, 47 in 2012, and 20 in 2011.

Furbearer Sighting Index: 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 for index values by year. We do not know whether these sighting indices depict the true population trends of these furbearer populations.



COYOTE, WOLF, AND BOBCAT SIGHTINGS PER 100 HUNTER DAYS

Misc. Wildlife Sightings: Wild turkeys topped the list (table 5 on page 24) of all species observed with 1.268 counted, an increase from the 879 counted in 2014. Coupar observations have ranged from 0 to 7 per year during the past 10 years. In 2015, 4 sightings were reported. Fifteen feral pig sightings were reported during the firearm season.

Responses to the Most Common Written Comments

Deer camps wrote many comments on their survey forms. In order to address these comments in a meaningful manner, we tallied each comment 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 most common unsolicited comment thread was associated with predators. Updates and our (DNR) thoughts on some of the subjects follow.

COMMENTS WRITTEN BY HUNTERS IN THE 2015 U.P. DEER CAMP SURVEY

Comment	Totals
Predators	
Numerous wolves, tracks, or howls in my area	52
Predators having a negative impact on deer	44
Numerous coyotes, tracks, or howls in my area	32
Wolves having a negative impact on deer	30
Control wolves or allow us to control them	29
Increase bear permits	10
Control predators or allow us to control them	8
Observed fewer wolves or wolf sign	7
Re-instate bounty on coyotes	6
	218
eer Abundance	
Fewer deer observed this season	112
Severe winters causing lower deer numbers	21
Fewer bucks or buck sign	18
Fawns were not abundant or fewer in number	15
Fawns were abundant or higher in number	9
More deer observed this season	8
Poor buck to doe ratio	6
Fewer mature bucks on camera/seen	<u> </u>
	154
Iunting Conditions	
Worst season ever	69
Weather was mild/poor for hunting conditions	21
Severe winters causing lower deer numbers	21
Did not hunt in the U.P. due to low deer numbers	14
Less shooting heard	13 12
Not going to hunt in the U.P. next year due to low numbers More deer observed this season	8
Hunted less in the U.P. due to low deer numbers	8
Thinking about selling camp	5
	171
Regulations	40
Limit hunters to 1 buck per year	46
Shorten the deer season	21
Eliminate doe harvest in U.P.	11 10
Like the no-doe on combo	10
Eliminata valita Eiraarm punt	
Eliminate Youth Firearm hunt	
Eliminate Youth Firearm nunt 3 points on one side for every first buck Eliminate or reduce crop damage permits	9 8

Comment	Totals
Regulations (continued)	
Eliminate Dec. archery season	5
Mandatory registration of deer kill needed	5
Keep antlerless quota the same	5
	137
Other Common Comments	
Ban baiting	8
We let small bucks go	6
Allow more feeding of deer (or continue to allow)	5
	19

Wolves & Coyotes: Wolves and coyotes were popular topics among U.P. camps again in 2015. A number of camps commented on wolves or wolf sign around their camp, felt that wolves were having a negative impact on the deer herd, and/or supported expansion of harvest opportunities for wolves.

On December 19, 2014, a federal court judge ordered the U.S. Fish and Wildlife Service to immediately return wolves in the Great Lakes region to the federal endangered species list. As a result, it is illegal for Michigan citizens to kill wolves attacking livestock or dogs. Under endangered species status, wolves may be killed only in the immediate defense of human life. Two state laws allowing livestock or dog owners to kill wolves in the act of depredation were suspended by the ruling. Additionally, the Michigan DNR can no longer issue lethal control permits to livestock farmers to address ongoing conflicts with wolves. The return to federal endangered species status also means DNR wildlife and law enforcement officials no longer have the authority to use lethal control methods to manage wolf conflict. Non-lethal methods - such as flagging, fencing, flashing lights and guard animals - may still be used and are encouraged.

The federal court order came in response to a lawsuit filed by the Humane Society of the United States challenging the U.S. Fish and Wildlife Service's decision to remove wolves in the Great Lakes Distinct Population Segment from the federal endangered species list in January 2012. The ruling affects wolves in Michigan, Minnesota and Wisconsin. More information about wolves can be found at www.michigan.gov/wolves.

<u>Coyotes</u>: Camp survey results suggest that less than 2% of hunters harvest a coyote during firearm season (40 coyotes taken by 2,277 hunters in 2015). If harvest in the camp survey (approximately 2 coyotes per 100 hunters) is projected to the approximately 100,000 U.P. hunters, the total coyote take during the 2015 firearm season may have been about 2,000 animals. The rate has been 2% or less since 2010, the first year coyotes could be harvested during regular firearm season. Coyotes can be trapped from October 15 to March 1 and can be hunted from July 15 to April 15. Coyotes may be taken on private property at any time without a license if doing or about to do damage.

Deer Regulations & Management: Ideas for protecting bucks from over-harvest, improving the buck age structure, and increasing the size of the deer population were major subjects for camp survey comments again in 2015. A number of camps provided their preferred buck

hunting regulations. The most popular again this year was limiting hunters to 1 buck per year, but numerous other ideas were also suggested. This is a complicated subject. There are many different ways to manage deer, and many hunters have an opinion on the best way.

In 2012, DNR staff prepared an analysis of 3 potential regulatory concepts for buck management at the urging of the U.P. Deer Advisory Team (UPDAT), a stakeholder group that was active at the time. The concepts included establishment of a one buck per year bag limit, protecting spike horn bucks from harvest, mandating at least 3 points on one side, and several minor modifications of existing rules. The UPDAT held open houses in 2013 to gather public input on these different options and, in the end, both the UPDAT and the public concluded that existing regulations remained preferable to the changes that were considered. Deer hunting regulations for the next regulatory cycle (2017-19) will be formulated and discussed with hunters in the coming year.

Wildlife Division has established sportsmen coalition meetings to provide regular interaction with local stakeholders on an array of topics. These meetings are held 3 to 6 times per year in 7 geographic locations across the U.P. and include 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, has been formed with a mission to focus on improving and conserving critical winter deer habitat. More information on this workgroup effort can be found at this web address:

http://www.michigan.gov/dnr/0,4570,7-153-65134_72500---,00.html.

Deer-Predator Research Project: Researchers from Mississippi State University and the DNR are finishing the second phase of a study of deer fawn survival, as influenced by predators, winter weather, and habitat. The research is centered in Iron, Baraga, and Marquette counties within the moderate snowfall zone. The first phase, located in the low snowfall zone of Menominee and Delta counties, has been completed. The third phase of this long-term study is planned for the high snowfall zone, focusing on Baraga, Houghton, and Ontonagon counties. More information on this research can be viewed at their website at http://fwrc.msstate.edu/carnivore/predatorprey/index.asp or by visiting the Facebook page at

https://www.facebook.com/MIpredprey.

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This report is dedicated to the memory of Bill Rollo, Wildlife Technician in the U.P. Region, who recently passed away unexpectedly. Bill had an integral role in the Deer Camp Survey in past years, and was a valuable member of the Wildlife Division. He will be sorely missed.



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

		2012	2013	2014	2015
Number of camps participating in s	survey	551	543	492	547
Number of hunters		2,429	2,469	2,046	2,277
Total days spent hunting		14,681	15,238	11,908	13,931
Days hunted per hunter		6	6	6	6
Percentage of hunters killing a buc	:k	31%	25%	19%	14%
Percentage of buck sightings result	lting in a kill	13%	14%	14%	16%
Percentage of hunters killing an ar	ntlerless deer	6%	4%	4%	1%
Bucks killed per 100 hunter days		5	4	3	2
Bucks observed per hunter - entire	eseason	3	2	1	1
Antlerless observed per hunter - e	ntire season	18	12	14	9
Total deer observed per hunter - e	ntire season	20	14	16	10
Bucks observed per 10 hunter day	'S	4.3	3.1	2.4	1.5
Antlerless deer observed per hunte	er day	2.9	2.0	2.5	1.4
Total deer observed per hunter da	у	3.3	2.3	2.7	1.6
Fawns observed per 100 does		52	40	41	50
Does per buck (observed) on oper	ning day	3	3	5	4
Size of deer herd compared to last	tyear: More	34%	7%	10%	5%
	Same	40%	19%	17%	13%
	Less	26%	74%	73%	82%
Rating of the deer season:	Excellent	9%	5%	3%	1%
	Good	36%	13%	11%	6%
	Fair	33%	30%	26%	17%
	Poor	22%	52%	60%	76%

Firearm Season

Table 2. U.P. DEER CAMP SURVEY – West U.P. Summary

Firearm Season - All Deer Management Units Combined

		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Number of camps participating in surve	у	67	122	123	124	118	207	258	231	305	318	362	357	369	414	402	412	400	405	341	404
Number of hunters		373	675	660	635	590	1,058	1,284	1,185	1,462	1,510	1,744	1,738	1,740	1,930	1,790	1,805	1,780	1,837	1,490	1,694
Total days spent hunting		2,246	4,639	4,199	3,701	3,175	6,863	8,894	8,135	9,960	9,152	11,107	10,709	11,397	13,233	11,306	11,056	10,947	11,809	8,825	10,417
Days hunted per hunter		6	7	6	6	5	6	7	7	7	6	6	6	7	7	6	6	6	6	6	6
Percentage of hunters killing a buck		28%	20%	25%	35%	39%	24%	23%	22%	24%	24%	29%	33%	30%	21%	25%	27%	34%	26%	19%	15%
Percentage of buck sightings resulting i	n a kill																		13%	13%	16%
Percentage of hunters killing an antlerle	ess deer	23%	9%	10%	15%	18%	12%	13%	12%	10%	8%	8%	7%	8%	5%	4%	6%	7%	4%	4%	2%
Bucks observed per hunter - entire seas	son	2	1	1	2	2	2	2	2	2	2	2	3	3	2	2	3	3	2	2	1
Antlerless observed per hunter - entire	season	17	11	15	17	20	14	17	19	13	14	16	19	19	11	15	18	19	13	15	9
Total deer observed per hunter - entire	season	19	12	16	19	22	16	19	21	15	16	18	22	22	13	17	21	22	15	17	10
Bucks observed per 10 hunter days		3.0	1.0	2.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	3.0	3.0	4.0	4.8	3.3	2.6	1.6
Antlerless deer observed per hunter day	y	2.8	1.5	2.3	3.0	3.7	2.1	2.4	2.8	1.9	2.4	2.5	3.1	2.8	1.6	2.3	3.0	3.1	2.0	2.6	1.5
Deer observed per hunter day		3.1	1.6	2.5	3.4	4.1	2.4	2.7	3.1	2.2	2.7	2.8	3.5	3.2	1.9	2.6	3.4	3.6	2.3	2.8	1.6
Fawns observed per 100 does		48	44	58	54	65	55	55	59	46	57	55	55	47	44	58	54	52	41	40	50
Does per buck (observed) on opening d	lay			4	4	3	3	3	4	3	4	3	3	3	3	3	3	3	3	5	4
Size of deer herd compared to last year	: More	5%	2%	31%	34%	38%	4%	13%	19%	5%	14%	23%	32%	10%	1%	23%	36%	34%	6%	9%	6%
	Same	13%	1%	34%	33%	43%	22%	20%	39%	20%	26%	38%	39%	30%	12%	34%	36%	40%	15%	17%	12%
	Less	82%	97%	35%	33%	19%	74%	67%	42%	75%	60%	39%	29%	60%	87%	43%	28%	26%	79%	74%	82%
Rating of the deer season:	cellent	5%	3%	6%	12%	20%	4%	4%	5%	4%	6%	4%	9%	6%	2%	4%	8%	11%	5%	4%	1%
G	ood	15%	6%	17%	34%	43%	17%	15%	23%	15%	13%	27%	34%	25%	9%	18%	29%	35%	12%	9%	7%
Fa	air	39%	14%	36%	34%	26%	27%	33%	31%	23%	31%	32%	36%	33%	23%	33%	32%	33%	29%	25%	16%
P	oor	41%	77%	41%	21%	11%	52%	48%	41%	58%	50%	37%	21%	36%	66%	45%	31%	21%	54%	62%	76%

Table 3. U.P. DEER CAMP SURVEY – East U.P. Summary

Firearm Season - All Deer Management Units Combined

Firearm Season - All Deer Management Units Combined														
		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Number of camps participating	in survey	55	88	98	100	96	100	118	129	140	151	138	151	143
Number of hunters		274	398	403	444	458	490	535	561	567	649	632	556	583
Total days spent hunting		1,741	2,475	2,375	2,750	2,625	3,041	3,318	3,385	3,327	3,734	3527	3,015	3,514
Days hunted per hunter		6	6	6	6	6	6	6	6	6	6	6	5	6
Percentage of hunters killing a	buck	17%	20%	19%	19%	26%	26%	15%	17%	22%	25%	21%	17%	10%
Percentage of buck sightings re	esulting in a kill	17%	22%	25%	17%	17%	14%	17%	16%	15%	15%	16%	17%	15%
Percentage of hunters killing ar	n antlerless deer	4%	4%	6%	6%	5%	10%	3%	1%	0%	1%	3%	0%	0%
Bucks observed per hunter - en	tire season	1	1	1	1	2	2	1	1	1	2	1	1	1
Antlerless observed per hunter	- entire season	9	9	10	10	12	11	7	10	11	13	10	12	8
Total deer observed per hunter - entire season		10	10	10	11	14	13	8	11	12	15	11	13	9
Bucks observed per 10 hunter of	days	2.0	1.0	1.4	1.9	2.8	3.2	1.5	1.7	2.4	2.9	2.3	1.8	1.1
Antlerless deer observed per hu	unter day	1.4	1.4	1.6	1.6	2.1	1.9	1.1	1.7	1.8	2.3	1.8	2.3	1.3
Deer observed per hunter day		1.6	1.5	1.7	1.8	2.4	2.2	1.2	1.9	2.1	2.6	2.1	2.5	1.4
Fawns observed per 100 does		59	56	61	54	47	41	43	57	51	52	39	47	49
Does per buck (observed) on o	pening day	4	3	4	4	3	3	4	4	3	3	4	6	4
Size of deer herd compared to	last year: More	11%	5%	7%	22%	38%	24%	4%	12%	24%	36%	10%	14%	3%
	Same	33%	24%	28%	38%	32%	30%	14%	32%	36%	40%	30%	15%	14%
	Less	56%	71%	65%	40%	30%	46%	81%	57%	36%	24%	61%	71%	83%
Rating of the deer season:	Excellent	0%	1%	2%	5%	10%	10%	1%	2%	2%	5%	4%	2%	0%
	Good	15%	11%	15%	23%	30%	29%	13%	10%	19%	37%	18%	18%	4%
	Fair	40%	25%	27%	26%	35%	31%	17%	33%	41%	34%	33%	27%	19%
	Poor	45%	63%	56%	46%	25%	30%	69%	55%	35%	24%	46%	53%	77%

											De	er Manaç	gement	Unit									
		007	017	021	022	027	031	036	042	048	055	066	117	121	122	127	131	152	155	249	252	255	349
Number of camps participating in surve	ey (33	52	55	26	27	14	32	12	36	52	16	18	18	6	14	10	20	16	22	18	35	15
Number of hunters		152	193	223	104	92	71	139	59	148	249	44	97	68	25	26	41	93	67	76	63	178	69
Total days spent hunting		996	1,210	1,288	609	494	351	812	389	894	1540	292	475	511	161	220	256	531	338	530	492	1137	405
Days hunted per hunter		7	6	6	6	5	5	6	7	6	6	7	5	8	6	8	6	6	5	7	8	6	6
Percentage of hunters killing a buck		12%	13%	9%	13%	9%	21%	9%	10%	3%	29%	18%	12%	22%	16%	19%	15%	16%	13%	12%	3%	16%	10%
Percentage of buck sightings resulting	in a kill	22%	15%	17%	14%	18%	29%	26%	16%	11%	15%	42%	10%	13%	5%	45%	25%	22%	10%	64%	25%	13%	18%
Percentage of hunters killing an antlerle	ess deer	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%
Bucks killed per 100 hunter days		2	2	1	2	2	4	2	2	1	5	3	3	3	2	2	3	3	3	2	1	3	2
Bucks observed per hunter - entire sea	son	1	1	<1	1	<1	1	<1	1	<1	2	<1	1	2	3	<1	1	1	2	<1	<1	1	1
Antlerless observed per hunter - entire	season	8	11	4	9	7	8	6	5	5	14	5	9	11	20	4	4	10	12	2	6	14	11
Total deer observed per hunter - entire	season	9	12	5	10	7	9	7	6	5	16	6	10	13	23	4	5	11	14	3	7	15	12
Bucks observed per 10 hunter days		0.8	1.4	0.9	1.7	0.9	1.5	0.6	1.0	0.5	3.6	0.7	2.6	2.4	4.5	0.5	1.1	1.3	3.3	0.3	0.2	2.0	1.0
Antlerless deer observed per hunter da	ıy	1.2	1.7	0.7	1.5	1.2	1.5	1.1	0.7	0.9	2.2	0.8	1.8	1.4	3.2	0.5	0.6	1.7	2.5	0.3	0.8	2.2	1.8
Total deer observed per hunter day		1.3	1.8	0.8	1.7	1.3	1.6	1.2	0.8	0.9	2.6	0.8	2.1	1.7	3.6	0.5	0.7	1.9	2.8	0.4	0.8	2.4	1.9
Fawns observed per 100 does		65	56	55	42	30	53	43	26	54	62	42	29	39	63	44	28	36	46	68	57	52	49
Does per buck (observed) on opening of	day	4	4	4	4	11	3	13	7	3	2	2	5	4	3	N/A	3	7	3	5	8	4	4
Size of deer herd compared to last yea	r: More	6%	6%	6%	4%	0%	25%	0%	0%	0%	8%	0%	12%	0%	0%	20%	10%	33%	0%	5%	0%	0%	0%
	Same	6%	17%	9%	4%	18%	25%	13%	8%	13%	25%	0%	19%	12%	50%	10%	10%	0%	0%	0%	0%	23%	20%
	Less	88%	77%	85%	92%	82%	50%	87%	92%	87%	67%	100%	69%	88%	50%	70%	80%	67%	100%	95%	100%	77%	80%
Rating of the deer season:	Excellent	0%	0%	0%	0%	0%	8%	0%	0%	0%	6%	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%
	Good	6%	8%	5%	4%	13%	8%	0%	0%	0%	17%	6%	6%	12%	0%	0%	10%	16%	0%	0%	0%	6%	0%
	Fair	16%	17%	6%	23%	17%	23%	17%	8%	18%	27%	7%	35%	17%	50%	20%	0%	21%	25%	15%	0%	11%	20%
	Poor	78%	75%	89%	73%	70%	61%	83%	92%	82%	50%	87%	59%	71%	50%	80%	80%	63%	75%	85%	100%	83%	80%

Table 4. SUMMARY OF 2015 U.P. DEER CAMP SURVEY Firearm Season – Individual Deer Management Units

	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
Turkey	4	175	91	198	54	10	91	2	0	339	7	2	65	13	0	0	1	63	3	47	103	0	1,268
Coyote	26	28	22	15	7	10	18	6	7	47	8	23	12	6	6	3	8	8	15	9	19	17	320
Wolf	19	18	22	17	11	7	24	20	9	26	18	1	2	1	9	9	4	14	9	16	3	8	267
Marten	45	1	4	2	4	5	20	6	26	0	1	0	0	0	0	7	0	0	10	0	0	0	131
Bear	8	1	2	2	3	0	11	6	2	12	7	25	1	0	1	1	1	3	1	0	8	0	95
Fisher	7	1	2	3	2	2	8	12	8	4	5	0	0	1	1	0	1	0	1	1	0	0	59
Bobcat	2	7	3	2	2	0	6	1	0	4	1	5	0	0	1	0	1	1	1	1	1	2	41
Moose	15	3	0	2	0	0	12	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	33
Fox	2	1	1	1	0	0	0	3	2	4	2	1	1	0	0	0	0	0	1	1	2	0	22
Feral Pig	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	15
Cougar	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	4
Coyotes killed	4	2	0	1	2	1	6	2	0	7	0	6	0	1	0	2	0	2	0	3	1	0	40
Sq. miles	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
Hunters	152	193	223	104	92	71	139	59	148	249	44	97	68	25	26	41	93	67	76	63	178	69	2,277

Table 5. Number of furbearer and other wildlife sightings by Deer Management Unit2015 Firearm Season

 Table 6. Furbearer Sightings per 100 Hunter Days

	All UP Units Combined															
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Coyote	1.7	1.3	2.1	2.5	2.1	2.3	2.9	2.8	2.3	2.8	3.3	2.9	2.6	2.9	2.6	2.3
Fox	0.3	0.5	0.3	0.2	0.1	0.2	0.2	0.2	0.1	0.3	0.1	0.3	0.2	0.2	0.2	0.2
Bobcat	0.3	0.4	0.4	0.5	0.8	0.4	0.3	0.2	0.3	0.4	0.3	0.2	0.3	0.2	0.2	0.4
Wolf	0.4	0.3	0.4	0.8	0.7	1.1	1.3	1.2	0.9	1.4	2.6	1.5	1.5	1.7	2.0	2.1
Fisher	0.2	0.1	0.2	0.2	0.2	0.3	0.4	0.3	0.3	0.4	0.4	0.5	0.4	0.6	0.3	0.2
Marten	0.1	0.1	0.2	0.3	0.2	0.6	0.7	0.3	0.5	0.5	1.2	0.7	0.9	1.0	0.6	0.8
Cougar			<0.1	<0.1	0.0	<0.1	<0.1	0.0	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Sighting rates prior to 2003 are for the Western U.P. only.

		DE	ER	MAN	AG	EME	NT I	UNIT	007	,				
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	33	29	38	37	39	35	38	41	41	38	39	40	23	33
Hunters	157	120	173	143	172	154	164	193	178	164	164	177	101	152
% killing a buck	17%	9%	17%	20%	23%	27%	32%	13%	26%	23%	36%	26%	12%	12%
Deer seen per day	1.5	1.4	0.8	1.3	1.4	1.6	2.0	1.2	1.6	2.4	2.3	1.6	0.9	1.3
Fawns seen per 100 does	49	37	33	47	34	48	45	50	69	52	52	36	41	65
Does seen per buck	6	6	4	8	4	4	3	4	4	4	3	3	9	4
More deer than last year	13%	14%	0%	16%	38%	26%	8%	0%	17%	44%	32%	3%	0%	6%
Same number deer	20%	27%	9%	27%	46%	40%	30%	26%	29%	41%	42%	21%	4%	6%
Fewer deer	67%	59%	91%	57%	16%	34%	62%	74%	54%	15%	26%	76%	96%	88%
Season good-to-excellent	7%	7%	9%	3%	17%	21%	24%	7%	10%	34%	43%	15%	5%	6%
Season fair-to-poor	93%	93%	91%	97%	83%	79%	76%	93%	90%	66%	57%	85%	95%	94%

5
5
4
3
3
3
3

DEER MANAGEMENT UNIT 017

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	16	34	32	39	36	39	48	59	55	60	57	58	52
Hunters	67	149	124	163	165	192	216	244	229	253	246	211	193
% Killing a buck	15%	13%	17%	11%	25%	21%	12%	16%	19%	25%	21%	13%	13%
Deer seen per day	1.6	1.5	1.8	2.0	2.7	2.5	1.3	2.0	1.9	2.9	2.3	2.7	1.8
Fawns seen per 100 does	59	56	49	51	43	41	37	56	49	52	41	54	56
Does seen per buck	3	4	5	0	4	3	4	5	4	3	4	8	4
More deer than last year	7%	3%	9%	18%	33%	13%	6%	14%	20%	37%	13%	17%	6%
Same number deer	26%	18%	22%	41%	34%	29%	15%	30%	36%	44%	36%	17%	17%
Fewer deer than last year	67%	79%	69%	41%	33%	58%	79%	56%	44%	19%	51%	66%	77%
Season good-to-excellent	7%	6%	9%	21%	42%	28%	10%	14%	17%	47%	19%	15%	8%
Season fair-to-poor	93%	94%	91%	79%	59%	72%	90%	87%	79%	53%	81%	85%	92%

Fewer deer observed this season	10
Limit hunters to 1 buck per year	7
Wolves having a negative impact on deer	4
Fewer bucks or buck sign	4
Weather was mild/poor for hunting conditions	4

		DE	ER	MAN	AG	EME	NT U	JNIT	021					
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	69	48	51	51	55	54	48	56	53	54	54	53	54	55
Hunters	310	247	235	246	253	240	200	255	223	221	222	236	226	223
% killing a buck	14%	15%	12%	14%	13%	20%	19%	12%	13%	14%	27%	13%	15%	9%
Deer seen per day	1.1	2.1	1.2	1.6	1.8	1.8	2.6	0.8	1.1	1.7	1.9	1.0	2.0	0.8
Fawns seen per 100 does	49	56	34	45	57	51	45	37	59	56	50	30	28	55
Does seen per buck	4	7	5	4	5	4	5	4	3	3	2	3	5	4
More deer than last year	15%	24%	4%	4%	21%	18%	25%	0%	13%	33%	42%	8%	13%	6%
Same number deer	20%	39%	12%	24%	24%	36%	33%	4%	31%	31%	35%	19%	31%	9%
Fewer deer	65%	37%	84%	72%	55%	46%	42%	96%	56%	36%	23%	73%	56%	85%
Season good-to-excellent	10%	22%	10%	8%	13%	22%	32%	2%	2%	25%	40%	10%	13%	5%
Season fair-to-poor	90%	78%	90%	92%	87%	78%	68%	98%	98%	75%	60%	90%	87%	95%

Fewer deer observed this season	13
Worst season ever	11
Predators having a negative impact on deer	7
Severe winters causing lower deer numbers	6
Wolves having a negative impact on deer	4
Shorten the deer season	4

	DEER	MA	NAG	JEME	ΞΝΤ	UNI	Г 022	2				
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	12	19	24	20	26	29	24	22	26	23	25	26
Hunters	64	89	116	104	137	138	108	87	109	99	95	104
% killing a buck	38%	21%	35%	43%	40%	41%	34%	28%	40%	33%	22%	13%
Deer seen per day	3.7	3.5	3.5	4.6	3.2	2.7	3.7	4.7	3.1	2.1	3.0	1.7
Fawns seen per 100 does	44	47	44	57	42	40	46	49	41	30	30	42
Does seen per buck	3	4	3	3	2	2	3	3	3	3	6	4
More deer than last year	8%	0%	29%	45%	4%	0%	17%	36%	12%	9%	8%	4%
Same number deer	17%	28%	25%	35%	38%	18%	48%	32%	46%	13%	12%	4%
Fewer deer	75%	72%	46%	20%	58%	82%	35%	32%	42%	78%	80%	92%
Season good-to-excellent	16%	15%	21%	55%	54%	20%	30%	37%	54%	39%	12%	4%
Season fair-to-poor	84%	85%	79%	45%	46%	80%	70%	63%	46%	61%	88%	96%

Worst season ever	8
Numerous wolves, tracks, or howls in my area	5
Numerous coyotes, tracks, or howls in my area	4
Wolves having a negative impact on deer	3
Predators having a negative impact on deer	3
Severe winters causing lower deer numbers	3

	DEER	R MA	NAG	EME	ΞΝΤ	UNIT	027					
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	6	2	6	9	9	18	22	25	27	28	20	27
Hunters	25	11	31	41	39	69	86	102	108	117	86	92
% killing a buck	24%	9%	19%	37%	28%	20%	26%	25%	33%	25%	10%	9%
Deer seen per day	2.6	2.4	1.8	3.8	1.7	1.3	2.1	3.4	3.7	2.1	1.4	1.3
Fawns seen per 100 does	19	28	49	54	15	32	37	38	53	28	22	30
Does seen per buck	7	5	4	6	4	4	6	5	4	4	9	11
More deer than last year	0%	100%	33%	50%	22%	0%	32%	33%	30%	8%	5%	0%
Same number deer	0%	0%	34%	25%	11%	0%	41%	17%	44%	16%	16%	18%
Fewer deer	100%	0%	33%	25%	67%	100%	27%	50%	26%	76%	79%	82%
Season good-to-excellent	0%	50%	17%	56%	33%	5%	32%	30%	41%	19%	10%	13%
Season fair-to-poor	100%	50%	83%	44%	67%	95%	68%	70%	59%	81%	90%	87%

Fewer deer observed this season	8
Not going to hunt in the U.P. next year due to low numbers	5
Numerous wolves, tracks, or howls in my area	4
Did not hunt in the U.P. due to low deer numbers	4
Worst season ever	3
Numerous wolves, tracks, or howls in my area Did not hunt in the U.P. due to low deer numbers	5 4 4 3

	DEER M	ANA	GEM	ENT	UNIT	031				
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	7	8	7	12	6	16	16	13	12	14
Hunters	35	21	30	63	29	65	65	71	47	71
% killing a buck	46%	33%	27%	21%	24%	45%	32%	30%	28%	21%
Deer seen per day	6.3	5.9	4.3	1.4	5.0	6.0	4.3	2.2	4.8	1.6
Fawns seen per 100 does	54	39	48	33	69	49	54	46	37	53
Does seen per buck	6	5	3	3	4	4	4	3	5	3
More deer than last year	43%	37%	17%	0%	50%	71%	38%	8%	20%	25%
Same number deer	29%	63%	33%	0%	17%	22%	31%	8%	0%	25%
Fewer deer	28%	0%	50%	100%	33%	7%	31%	84%	80%	50%
Season good-to-excellent	57%	50%	50%	0%	33%	79%	40%	0%	8%	16%
Season fair-to-poor	43%	50%	50%	100%	67%	21%	60%	100%	92%	84%

Numerous wolves, tracks, or howls in my area	4
Fewer deer observed this season	3
Limit hunters to 1 buck per year	2
Worst season ever	2

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	5	15	17	26	30	32	31	33	35	32	33	25	32
Hunters	16	58	88	125	132	144	137	137	139	140	147	124	139
% killing a buck	6%	26%	20%	31%	35%	29%	20%	33%	25%	38%	22%	15%	9%
Deer seen per day	3.4	2.3	2.9	2.5	3.8	3.4	1.5	3.1	3.9	3.3	3.0	2.6	1.2
Fawns seen per 100 does	26	41	49	47	53	42	34	61	52	38	36	30	43
Does seen per buck	9	9	6	3	2	3	3	2	3	3	3	6	13
More deer than last year	0%	0%	19%	11%	52%	3%	3%	27%	36%	22%	6%	4%	0%
Same number deer	40%	33%	19%	35%	31%	45%	19%	46%	49%	56%	25%	8%	13%
Fewer deer	60%	67%	62%	54%	17%	52%	78%	27%	15%	22%	69%	88%	87%
Season good-to-excellent	0%	7%	13%	36%	52%	29%	10%	21%	42%	53%	19%	0%	0%
Season fair-to-poor	100%	93%	87%	64%	48%	71%	90%	79%	58%	47%	81%	100%	100%

Fewer deer observed this season	10
Numerous wolves, tracks, or howls in my area	5
Predators having a negative impact on deer	4
Worst season ever	3

	DEE	R M/	ANA	GEM	ENT	UNI	T 04	2				
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	2	2	4	3	6	7	12	12	11	12	10	12
Hunters	5	8	21	21	34	45	78	73	77	75	48	59
% killing a buck	20%	62%	62%	38%	35%	24%	31%	42%	32%	32%	15%	10%
Deer seen per day	1.2	1.3	2.2	2.6	2.4	1.0	1.5	2.4	2.2	1.2	1.3	0.8
Fawns seen per 100 does	32	27	47	56	11	4	18	28	26	18	15	26
Does seen per buck	1	2	2	2	2	2	2	3	3	2	3	7
More deer than last year	0%	50%	50%	50%	20%	0%	33%	27%	9%	0%	10%	0%
Same number deer	0%	0%	50%	50%	20%	0%	34%	64%	82%	17%	10%	8%
Fewer deer	100%	50%	0%	0%	60%	100%	33%	9%	9%	83%	80%	92%
Season good-to-excellent	0%	50%	100%	100%	34%	0%	33%	64%	46%	33%	0%	0%
Season fair-to-poor	100%	50%	0%	0%	66%	100%	67%	36%	54%	67%	100%	100%

Numerous wolves, tracks, or howls in my area	5
Fewer deer observed this season	4
Limit hunters to 1 buck per year	2

	D	EER	MA	NAG	EME	ENT	UNI	048	3				
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	20	24	24	26	27	26	24	23	33	37	31	34	36
Hunters	94	103	101	127	140	130	103	99	138	161	147	116	148
% Killing a buck	20%	21%	23%	22%	28%	29%	15%	19%	28%	29%	23%	17%	3%
Deer seen per day	1.4	1.6	2.3	1.3	2.7	2.2	1.2	1.7	1.9	2.6	1.6	2.1	0.9
Fawns seen per 100 does	58	58	64	54	47	47	51	58	55	52	25	47	54
Does seen per buck	4	3	4	2	4	3	5	3	2	4	3	6	3
More deer than last year	15%	8%	0%	28%	48%	38%	4%	9%	30%	50%	13%	14%	0%
Same number deer	40%	34%	39%	32%	36%	21%	4%	43%	48%	25%	19%	0%	13%
Fewer deer than last year	45%	58%	61%	40%	16%	42%	92%	48%	21%	25%	68%	86%	87%
Season good-to-excellent	25%	21%	17%	32%	44%	48%	13%	13%	36%	53%	22%	18%	0%
Season fair-to-poor	75%	79%	83%	68%	56%	52%	88%	87%	63%	47%	78%	82%	100%
Most frequent comme Fewer deer observed									3				
Numerous wolves, tra	acks, or h	iowls i	n my a	irea					2				

2

2

Numerous wolves, tracks, or howls in my area

- Worst season ever
- Did not hunt last year due to weather

		D	EER	MA	NAC	GEN	IEN1	r un	IIT ()55					
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	42	50	49	51	49	58	55	57	54	56	57	54	52	46	52
Hunters	230	279	273	239	267	307	288	286	281	273	289	284	262	240	249
% killing a buck	35%	42%	33%	37%	38%	38%	37%	34%	28%	31%	29%	40%	34%	30%	29%
Deer seen per day	3.3	3.8	3.6	2.5	3.2	3.8	3.9	3.6	2.8	3.4	3.5	4.5	3.2	3.0	2.6
Fawns seen per 100 does	71	58	68	55	65	63	60	49	48	63	64	61	59	50	62
Does seen per buck	3	3	3	3	3	3	3	2	2	2	2	3	4	3	2
More deer than last year	8%	9%	7%	2%	13%	27%	22%	2%	4%	27%	27%	29%	6%	2%	8%
Same number deer	29%	21%	44%	12%	27%	37%	41%	28%	7%	31%	39%	44%	14%	33%	25%
Fewer deer	63%	70%	49%	86%	60%	36%	37%	70%	89%	42%	34%	27%	80%	65%	67%
Season good-to-excellent	31%	38%	50%	17%	32%	48%	48%	30%	17%	33%	41%	52%	24%	20%	23%
Season fair-to-poor	69%	62%	50%	83%	68%	52%	52%	70%	83%	67%	59%	48%	76%	80%	77%

Fewer deer observed this season	13
Worst season ever	6
Numerous coyotes, tracks, or howls in my area	6
Limit hunters to 1 buck per year	5
Control wolves or allow us to control them	5
Predators having a negative impact on deer	5

3 11 64% 3.7 46 5 0 0%	7 28 25% 2.0 31 5 43%	8 43 14% 2.1 47 13	13 39 10% 1.2 33 31	14 50 14% 1.8 62 3	16 62 29% 3.3 65 5	14 51 <u>35%</u> 4.3 51	18 73 <u>36%</u> 2.0 21	9 26 12% 0.7 42	16 44 18% 0.8 42
64% 3.7 46 5	25% 2.0 31 5	14% 2.1 47 13	10% 1.2 33	14% 1.8 62	29% 3.3 65	35% 4.3 51	<u>36%</u> 2.0 21	12% 0.7	<u>18%</u> 0.8
3.7 46 5	2.0 31 5	2.1 47 13	1.2 33	1.8 62	3.3 65	4.3 51	2.0 21	0.7	0.8
46 5	31 5	47 13	33	62	65	51	21		
5	5	13				•		42	42
-			31	3	5	•			
0%	120/			-	5	3	3	9	2
• • •	43%	0%	0%	8%	37%	57%	6%	0%	0%
100%	0%	13%	0%	31%	50%	36%	11%	11%	0%
0%	57%	87%	100%	61%	13%	7%	83%	89%	100%
33%	28%	25%	7%	7%	25%	50%	11%	0%	6%
67%	72%	75%	93%	93%	75%	50%	89%	100%	94%
6	67%	<u>67% 72%</u>	<u> </u>	<u>67% 72% 75% 93%</u>	<u>67% 72% 75% 93% 93% </u>	<u>67% 72% 75% 93% 93% 75%</u>	<u>67% 72% 75% 93% 93% 75% 50%</u>	<u>6 67% 72% 75% 93% 93% 75% 50% 89%</u>	<u>67% 72% 75% 93% 93% 75% 50% 89% 100%</u>

Fewer deer observed this season	5
Wolves having a negative impact on deer	4
Worst season ever	3
Limit hunters to 1 buck per year	3

	DE	ER	MAN	IAG	EME	NT	JNIT	[.] 117	,				
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	10	13	17	18	18	19	23	23	23	22	21	23	18
Hunters	48	41	52	56	60	71	93	97	85	89	103	92	97
% Killing a buck	6%	41%	17%	30%	27%	30%	30%	19%	21%	21%	20%	12%	12%
Deer seen per day	1.7	1.4	1.5	1.5	2.2	2.3	1.6	1.9	2.3	2.3	2.7	3.1	2.1
Fawns seen per 100 does	41	35	43	57	37	35	25	53	35	39	41	37	29
Does seen per buck	6	2	5	3	3	2	2	4	4	4	4	6	5
More deer than last year	0%	8%	12%	17%	50%	21%	4%	4%	9%	10%	5%	14%	12%
Same number deer	20%	31%	29%	44%	12%	32%	31%	22%	48%	45%	33%	23%	19%
Fewer deer than last year	80%	61%	59%	39%	38%	47%	65%	74%	43%	45%	62%	63%	69%
Season good-to-excellent	0%	15%	18%	39%	35%	42%	26%	8%	13%	23%	24%	23%	6%
Season fair-to-poor	100%	84%	82%	61%	65%	58%	74%	92%	82%	77%	76%	77%	94%

Increase bear permits	3
Fewer deer observed this season	2
Fawns were not abundant or fewer in number	2

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	2003	2004	2003	2000	2007	2000	2003	2010	2011	2012	2013	2014	2013
Camps	20	19	20	19	16	14	14	15	13	13	16	16	18
Hunters	83	77	70	78	72	66	68	65	50	43	58	62	68
% killing a buck	36%	22%	30%	33%	39%	36%	16%	15%	28%	42%	26%	21%	22%
Deer seen per day	3.5	1.8	1.7	2.1	2.3	3.8	1.9	2.3	3.4	3.6	2.1	3.1	1.7
Fawns seen per 100 does	68	35	42	31	34	24	31	40	45	29	23	30	39
Does seen per buck	5	6	4	3	2	2	2	5	3	3	2	4	4
More deer than last year	26%	21%	5%	11%	19%	7%	0%	13%	38%	38%	13%	13%	0%
Same number deer	42%	26%	20%	63%	44%	43%	0%	40%	39%	31%	13%	25%	12%
Fewer deer	32%	53%	75%	26%	37%	50%	100%	47%	23%	31%	74%	62%	88%
Season good-to-excellent	32%	31%	25%	47%	31%	28%	0%	7%	38%	31%	13%	25%	12%
Season fair-to-poor	68%	69%	75%	53%	69%	72%	100%	93%	62%	69%	87%	75%	88%

Fewer deer observed this season	4
Worst season ever	3
Fawns were not abundant or fewer in number	3

	DEEF	r m <i>p</i>	NA	GEM	ENT	UN	IT 12	22				
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	3	4	5	7	5	10	7	6	3	6	6	6
Hunters	20	17	22	35	27	37	34	23	9	27	26	25
% killing a buck	25%	24%	9%	34%	37%	11%	24%	22%	22%	26%	27%	16%
Deer seen per day	5.4	6.7	6.0	7.1	4.3	4.8	5.1	6.8	6.1	4.9	5.6	3.6
Fawns seen per 100 does	42	70	56	61	35	76	49	56	58	72	57	63
Does seen per buck	4	6	7	3	5	3	4	4	2	4	3	3
More deer than last year	0%	50%	0%	0%	0%	0%	14%	50%	67%	0%	0%	0%
Same number deer	50%	0%	80%	80%	40%	30%	29%	17%	0%	17%	0%	50%
Fewer deer	50%	50%	20%	20%	60%	70%	57%	33%	33%	83%	100%	50%
Season good-to-excellent	50%	50%	40%	40%	60%	20%	43%	50%	33%	17%	33%	0%
Season fair-to-poor	50%	50%	60%	60%	40%	80%	57%	50%	67%	83%	67%	100%

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

	DEER M									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	11	10	10	17	14	17	10	12	9	14
Hunters	43	32	34	61	49	61	31	37	24	26
% killing a buck	23%	37%	35%	13%	35%	30%	42%	16%	25%	19%
Deer seen per day	2.2	4.9	4.0	1.2	1.6	1.9	3.6	1.5	1.4	0.5
Fawns seen per 100 does	52	72	52	51	53	31	33	34	10	44
Does seen per buck	5	5	3	4	6	4	6	10	4	N/A*
More deer than last year	18%	22%	0%	6%	14%	6%	40%	0%	0%	20%
Same number deer	18%	67%	30%	12%	36%	47%	40%	9%	11%	10%
Fewer deer	64%	11%	70%	82%	50%	47%	20%	91%	89%	70%
Season good-to-excellent	9%	34%	10%	0%	21%	12%	50%	8%	0%	0%
Season fair-to-poor	91%	66%	90%	100%	79%	88%	50%	92%	100%	100%

* no bucks were observed on opening day in 2015

Worst season ever	3
Predators having a negative impact on deer	3
Wolves having a negative impact on deer	3

	DEER N	IANA	GEM	ENT	UNIT	131				
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	3	5	4	7	7	6	8	8	6	10
Hunters	21	21	19	32	31	24	39	41	21	41
% killing a buck	33%	43%	37%	19%	23%	46%	36%	24%	33%	15%
Deer seen per day	1.2	1.9	2.0	1.4	4.5	5.0	4.6	1.9	1.6	0.7
Fawns seen per 100 does	23	21	46	42	87	54	47	34	47	28
Does seen per buck	3	5	2	2	3	1	2	5	7	3
More deer than last year	33%	60%	0%	0%	86%	100%	71%	0%	0%	10%
Same number deer	34%	20%	0%	0%	14%	0%	15%	14%	0%	10%
Fewer deer	33%	20%	100%	100%	0%	0%	14%	86%	100%	80%
Season good-to-excellent	33%	80%	50%	0%	71%	83%	61%	13%	0%	20%
Season fair-to-poor	67%	20%	50%	100%	29%	17%	29%	87%	100%	80%

Numerous wolves, tracks, or howls in my area	4
Fewer deer observed this season	3
Worst season ever	2
Numerous coyotes, tracks, or howls in my area	2
Limit hunters to 1 buck per year	2
Control wolves or allow us to control them	2

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	2001	2002	2003	2004	2005	2006	2007	2006	2009	2010	2011	2012	2013	2014	2013
Camps	22	26	22	29	31	29	30	26	28	27	25	21	20	20	20
Hunters	130	148	130	164	157	155	153	137	142	134	115	105	98	91	93
% killing a buck	7%	7%	12%	16%	10%	22%	23%	27%	21%	22%	27%	32%	28%	7%	16%
Deer seen per day	3.3	1.7	2.1	1.4	1.9	1.6	2.9	2.6	1.2	2.2	3.4	2.8	2.7	1.5	1.9
Fawns seen per 100 does	50	39	29	39	43	43	41	50	28	32	47	37	33	37	36
Does seen per buck	3	5	4	2	4	5	4	4	4	3	5	3	5	9	7
More deer than last year	0%	12%	23%	0%	16%	24%	32%	8%	4%	23%	46%	28%	0%	5%	33%
Same number deer	5%	12%	36%	29%	29%	35%	39%	23%	8%	35%	37%	28%	26%	10%	0%
Fewer deer	95%	76%	41%	71%	55%	41%	29%	69%	88%	42%	17%	44%	74%	85%	67%
Season good-to-excellent	0%	4%	15%	8%	7%	21%	38%	24%	15%	31%	37%	42%	21%	5%	16%
Season fair-to-poor	100%	96%	85%	92%	93%	79%	62%	76%	85%	69%	63%	58%	79%	95%	84%

Fewer deer observed this season	3
Worst season ever	3
Predators having a negative impact on deer	2
Shorten the deer season	2
More deer observed this season	2
Did not hunt in the U.P. due to low deer numbers	2

		D	EER	R MA	NA	GEN	IEN	T UN	NIT '	155					
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	19	19	17	15	16	16	17	23	21	18	16	19	17	14	16
Hunters	93	89	82	65	86	78	71	106	90	71	75	80	69	52	67
% killing a buck	25%	21%	28%	14%	24%	22%	24%	29%	21%	20%	28%	24%	28%	17%	13%
Deer seen per day	2.5	2.8	4.0	3.8	3.7	4.1	5.5	4.8	2.6	4.3	5.0	6.0	4.5	6.2	2.8
Fawns seen per 100 does	57	61	71	58	81	60	73	62	58	67	55	53	49	43	46
Does seen per buck	3	3	5	4	3	3	4	3	3	4	4	2	2	4	3
More deer than last year	5%	21%	30%	7%	31%	19%	47%	14%	0%	29%	53%	55%	6%	14%	0%
Same number deer	28%	32%	35%	29%	19%	50%	41%	18%	10%	47%	7%	28%	13%	22%	0%
Fewer deer	67%	47%	35%	64%	50%	31%	12%	68%	90%	24%	40%	17%	81%	64%	100%
Season good-to-excellent	33%	26%	41%	26%	37%	44%	53%	26%	10%	18%	40%	64%	24%	21%	0%
Season fair-to-poor	67%	74%	59%	74%	63%	56%	47%	74%	90%	82%	60%	36%	76%	79%	100%

Fewer deer observed this season	5
Predators having a negative impact on deer	3
Shorten the deer season	3
Reduce or eliminate antlerless licenses in unit	3

Camps6101277710141718162022Hunters43747252464568727386856576% Killing a buck28%19%22%27%39%27%10%10%22%22%20%20%12%Deer seen per day0.80.70.81.01.00.70.50.71.61.60.81.30.4Fawns seen per 100 does46368850592747806555224568Does seen per buck4236363233455More deer than last year17%0%0%29%14%14%0%14%29%44%0%7%5%Same number deer33%10%8%57%57%43%0%15%30%50%25%20%0%Fewer deer than last year50%90%92%14%29%43%100%71%41%6%75%73%95%Season good-to-excellent0%0%8%14%29%0%0%7%12%88%12%0%Season fair to poor100%100%74%74%74%74%74%74%88%72%88%72%88%100% <th></th> <th>2003</th> <th>2004</th> <th>2005</th> <th>2006</th> <th>2007</th> <th>2008</th> <th>2009</th> <th>2010</th> <th>2011</th> <th>2012</th> <th>2013</th> <th>2014</th> <th>2015</th>		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
% Killing a buck 28% 19% 22% 27% 39% 27% 10% 10% 22% 22% 20% 12% Deer seen per day 0.8 0.7 0.8 1.0 1.0 0.7 0.5 0.7 1.6 1.6 0.8 1.3 0.4 Fawns seen per 100 does 46 36 88 50 59 27 47 80 65 55 22 45 68 Does seen per buck 4 2 3 6 3 6 3 2 3 3 4 5 5 More deer than last year 17% 0% 0% 29% 14% 14% 0% 14% 29% 44% 0% 7% 5% Same number deer 33% 10% 8% 57% 57% 43% 0% 15% 30% 50% 25% 20% 0% 0% 7% 5% 5% 5% 26% 0% 0% 6% 75% 5% 5% 5% 26% 14% 29% 0%	Camps	6	10	12	7	7	7	10	14	17	18	16	20	22
Deer seen per day 0.8 0.7 0.8 1.0 1.0 0.7 0.5 0.7 1.6 1.6 0.8 1.3 0.4 Fawns seen per 100 does 46 36 88 50 59 27 47 80 65 55 22 45 68 Does seen per buck 4 2 3 6 3 6 3 2 3 3 4 5 5 More deer than last year 17% 0% 0% 29% 14% 14% 0% 14% 29% 44% 0% 7% 5% Same number deer 33% 10% 8% 57% 57% 43% 0% 15% 30% 50% 25% 20% 0% 0% 7% 5% Same number deer 33% 10% 8% 57% 57% 43% 0% 15% 30% 50% 25% 20% 0% 0% 7% 12% 28%	lunters	43	74	72	52	46	45	68	72	73	86	85	65	76
Fawns seen per 100 does 46 36 88 50 59 27 47 80 65 55 22 45 68 Does seen per buck 4 2 3 6 3 6 3 2 3 3 4 5 5 More deer than last year 17% 0% 0% 29% 14% 14% 0% 14% 29% 44% 0% 7% 5% Same number deer 33% 10% 8% 57% 57% 43% 0% 15% 30% 50% 25% 20% 0% 0% 7% 5% Season good-to-excellent 0% 0% 8% 14% 29% 0% 0% 7% 12% 28% 13% 12% 0%	6 Killing a buck	28%	19%	22%	27%	39%	27%	10%	10%	22%	22%	20%	20%	12%
Does seen per buck 4 2 3 6 3 6 3 2 3 3 4 5 5 More deer than last year 17% 0% 0% 29% 14% 14% 0% 14% 29% 44% 0% 7% 5% Same number deer 33% 10% 8% 57% 57% 43% 0% 15% 30% 50% 25% 20% 0% Fewer deer than last year 50% 90% 92% 14% 29% 43% 100% 71% 41% 6% 75% 73% 95% Season good-to-excellent 0% 0% 8% 14% 29% 0% 0% 7% 12% 28% 13% 12% 0%	Deer seen per day	0.8	0.7	0.8	1.0	1.0	0.7	0.5	0.7	1.6	1.6	0.8	1.3	0.4
More deer than last year 17% 0% 0% 29% 14% 14% 0% 14% 29% 44% 0% 7% 5% Same number deer 33% 10% 8% 57% 57% 43% 0% 15% 30% 50% 25% 20% 0% Fewer deer than last year 50% 90% 92% 14% 29% 43% 100% 71% 41% 6% 75% 73% 95% Season good-to-excellent 0% 0% 8% 14% 29% 0% 0% 7% 12% 28% 13% 12% 0%	awns seen per 100 does	46	36	88	50	59	27	47	80	65	55	22	45	68
Same number deer 33% 10% 8% 57% 57% 43% 0% 15% 30% 50% 25% 20% 0% Fewer deer than last year 50% 90% 92% 14% 29% 43% 100% 71% 41% 6% 75% 73% 95% Season good-to-excellent 0% 0% 8% 14% 29% 0% 0% 7% 12% 28% 13% 12% 0%	Does seen per buck	4	2	3	6	3	6	3	2	3	3	4	5	5
Fewer deer than last year 50% 90% 92% 14% 29% 43% 100% 71% 41% 6% 75% 73% 95% Season good-to-excellent 0% 0% 8% 14% 29% 0% 0% 7% 12% 28% 13% 12% 0%	Nore deer than last year	17%	0%	0%	29%	14%	14%	0%	14%	29%	44%	0%	7%	5%
Season good-to-excellent 0% 0% 8% 14% 29% 0% 0% 7% 12% 28% 13% 12% 0%	Same number deer	33%	10%	8%	57%	57%	43%	0%	15%	30%	50%	25%	20%	0%
	ewer deer than last year	50%	90%	92%	14%	29%	43%	100%	71%	41%	6%	75%	73%	95%
Season fair to poor 100% 100% 02% 71% 71% 100% 100% 02% 98% 72% 98% 98% 100%	Season good-to-excellent	0%	0%	8%	14%	29%	0%	0%	7%	12%	28%	13%	12%	0%
Season rain-to-pool 100 / 100 / 100 / 100 / 11/0 11/0 100 / 100 / 12 / 00 / 12 / 00 / 00	Season fair-to-poor	100%	100%	92%	71%	71%	100%	100%	92%	88%	72%	88%	88%	100%

Few	er deer observed this season
Wors	st season ever
Hunt	ed less in the U.P. due to low deer numbers

		D	EEF	R MA	٩NA	GEN	/IEN	T U	NIT	252					
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	17	22	19	21	19	19	21	21	22	20	23	21	21	15	18
Hunters	86	101	90	98	76	94	99	102	107	85	95	90	89	65	63
% killing a buck	19%	27%	17%	26%	28%	31%	40%	28%	18%	20%	22%	33%	20%	18%	3%
Deer seen per day	3.0	3.1	3.4	2.4	3.1	2.6	3.2	3.1	1.1	2.4	2.7	3.4	1.6	2.5	0.8
Fawns seen per 100 does	36	50	44	47	59	60	48	35	34	54	55	55	29	39	57
Does seen per buck	5	6	5	2	3	3	2	3	1	6	4	2	7	6	8
More deer than last year	6%	18%	16%	10%	17%	10%	33%	10%	0%	20%	18%	43%	0%	13%	0%
Same number deer	18%	14%	47%	14%	28%	40%	29%	25%	9%	25%	32%	33%	5%	0%	0%
Fewer deer	76%	68%	37%	76%	55%	50%	38%	65%	91%	55%	50%	24%	95%	87%	100%
Season good-to-excellent	0%	28%	11%	19%	26%	29%	43%	24%	5%	10%	23%	48%	0%	7%	0%
Season fair-to-poor	100%	72%	89%	81%	74%	71%	57%	76%	95%	90%	77%	52%	100%	93%	100%

Fewer deer observed this season	4
Worst season ever	4

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	28	22	29	30	36	36	35	34	33	32	32	33	31	35
Hunters	164	144	170	166	182	196	172	173	159	160	163	161	156	178
% killing a buck	27%	28%	29%	34%	34%	40%	34%	24%	30%	31%	24%	29%	25%	16%
Deer seen per day	3.1	5.4	3.6	4.1	4.2	5.3	4.6	2.9	4.0	4.8	5.1	3.1	5.1	2.4
Fawns seen per 100 does	50	74	55	71	73	65	62	50	75	68	67	49	49	52
Does seen per buck	6	3	3	4	3	3	3	3	3	3	3	3	7	4
More deer than last year	18%	32%	11%	13%	17%	33%	9%	0%	24%	34%	26%	10%	23%	0%
Same number deer	14%	41%	46%	40%	47%	53%	31%	15%	33%	44%	35%	13%	20%	23%
Fewer deer	68%	27%	43%	47%	36%	14%	60%	85%	42%	22%	39%	77%	57%	77%
Season good-to-excellent	28%	46%	50%	34%	44%	61%	38%	20%	27%	37%	33%	19%	29%	6%
Season fair-to-poor	72%	54%	50%	66%	56%	39%	62%	80%	73%	63%	67%	81%	71%	94%

Worst season ever	6
Fewer deer observed this season	4
Limit hunters to 1 buck per year	4
Fawns were abundant or higher in number	4
Numerous coyotes, tracks, or howls in my area	3
Eliminate Youth Firearm hunt	3

	D	EER	MA	NAG	EME	ΕΝΤ	UNI	۲ 34 9)				
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Camps	3	7	11	10	8	9	13	10	12	14	13	16	15
Hunters	22	33	51	46	47	52	61	49	42	60	51	72	69
% Killing a buck	18%	12%	20%	17%	19%	31%	13%	18%	17%	23%	12%	22%	10%
Deer seen per day	2.7	3.5	2.4	3.1	2.4	2.4	1.5	3.5	4.0	3.7	3.3	2.9	1.9
Fawns seen per 100 does	83	74	69	60	69	48	75	56	59	65	59	41	49
Does seen per buck	4	6	4	3	2	2	3	4	5	3	4	4	4
More deer than last year	33%	0%	18%	30%	25%	33%	0%	20%	42%	31%	15%	14%	0%
Same number deer	67%	43%	36%	20%	25%	34%	15%	60%	33%	38%	31%	21%	20%
Fewer deer than last year	0%	57%	45%	50%	50%	33%	85%	20%	25%	31%	54%	65%	80%
Season good-to-excellent	67%	29%	45%	40%	38%	67%	15%	10%	25%	46%	31%	43%	0%
Season fair-to-poor	33%	71%	55%	60%	63%	33%	85%	90%	67%	54%	69%	57%	100%

Limit hunters to 1 buck per year	2
Predators having a negative impact on deer	2