



# 2021 Kentucky Elk Hunter Survey



2021 Kentucky elk hunter Ashley Plymale (Photo provided by Ashley Plymale)

## Final Report

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## **Purpose**

The Kentucky Department of Fish and Wildlife Resources (KDFWR) surveyed 2021 Kentucky elk permit holders to better understand the opinions and experiences of Kentucky elk hunters. Starting in 2018, elk permit holders (applicants selected for permits through the Kentucky elk hunt drawing, and holders of other elk permits such as landowner-cooperator elk permits, collectively called “elk hunters” or “hunters” hereafter) have been required by law (301 KAR 2:132 Section 8 18(a)) to comply with the postseason survey requirement. Elk hunters who fail to comply with the requirement are prohibited from applying for KDFWR-administered quota hunts (i.e., elk, deer, waterfowl, sandhill crane and upland game) the following year.

## **Methods**

The survey was delivered to hunters via their MyProfile account. Elk hunters were reminded of this requirement by mail and email correspondence from the Department before, during and after the 2021 Kentucky elk season. Many of the 2021 survey questions are similar to those asked in previous surveys to better assess potential trends. The survey was administered through SurveyMonkey® and was open for responses from Sept. 11, 2021 through Feb. 28, 2022. The survey contained 38 questions (included below in results) and took hunters an average of 37 minutes, 6 seconds to complete. KDFWR received 514 responses from the 652 elk hunters, ensuring an adequate sample size for statistical significance at a 95% confidence level.

## **Results: Responses to Survey Questions**

**Question 1. Please enter your 11-digit customer ID number to continue (found at the top of your hunting license).**

Answered: 514                      Skipped: 0

The hunters’ customer ID numbers are not provided in this report to protect the privacy of each hunter.

**Question 2. What is your last name?**

Answered: 511                      Skipped: 3

The hunters’ last names are not provided in this report to protect the privacy of each hunter.

**Question 3. What year were you born?**

Answered: 500                      Skipped: 14

The average birth year of 2021 Kentucky elk hunters was 1977, so the average hunter age was 44.

**Question 4. What type of permit were you selected for?**

Answered: 512

Skipped: 2

Table 1. Number of survey respondents by elk permit type and availability.

Permit Type	Number of Respondents	Available Permits
Bull Firearms Week 1	67 (89%)	75
Bull Firearms Week 2	57 (76%)	75
Cow Firearms Week 1	99 (81%)	122
Cow Firearms Week 2	89 (73%)	122
Either-sex Archery/ Crossbow	130 (74%)	175
Youth	21 (84%)	25
Other Permit*	43 (74%)	58

\*Includes landowner-cooperator, voucher-cooperator, Commission, and elk restoration permits.

**Scouting**

**Question 5. Did you make any trips to the elk zone to scout for elk before your hunt?**

Answered: 511

Skipped: 3

More than half of the respondents (54%) made at least one scouting trip before their elk hunt. Please see Appendix A for a more thorough analysis of results from this question.

**Question 6. How many days did you spend scouting?**

Answered: 262

Skipped: 252

Hunters made 3.3 trips on average to scout before their elk hunt (262 hunters reported a range of 0 – 6+ trips). 15% (40) of hunters reported making a single scouting trip before their hunt, and 22% (58) of hunters reported scouting for elk at least six times. Please see Appendix A for a more thorough analysis of results from this question.

**Question 7. Did you see any elk while scouting?**

Answered: 269

Skipped: 245

61% (163) of hunters saw no elk while scouting prior to their hunt. Hunters who went scouting and saw elk (106) were asked to provide the number of elk they observed by sex. Hunters reported seeing more cows (864) than bulls (242) on their scouting trips, and hunters who made at least one scouting trip reported seeing 2.3 bulls and 8.2 cows on average while scouting. Please see Appendix A for a more thorough analysis of results from this question.

**Question 8. About how much money for the following expenses did you or your group spend while scouting for elk? (Please enter whole numbers with no dollar sign.)**

Answered: 260

Skipped: 254

Table 2. Scouting trip expenses.

Expense	Average Amount Spent	Total Reported Spent
Gas	\$209	\$54,353
Meals	\$119	\$30,215
Lodging	\$173	\$37,219
Equipment	\$397	\$82,506
Other	\$193	\$20,300

Kentucky elk hunters and their helpers spent \$1,091 scouting on average before their hunt. Total amount spent scouting prior to elk hunts was \$225,593.

***Hunting***

**Question 9. Did you go elk hunting in Kentucky during the 2021 season?**

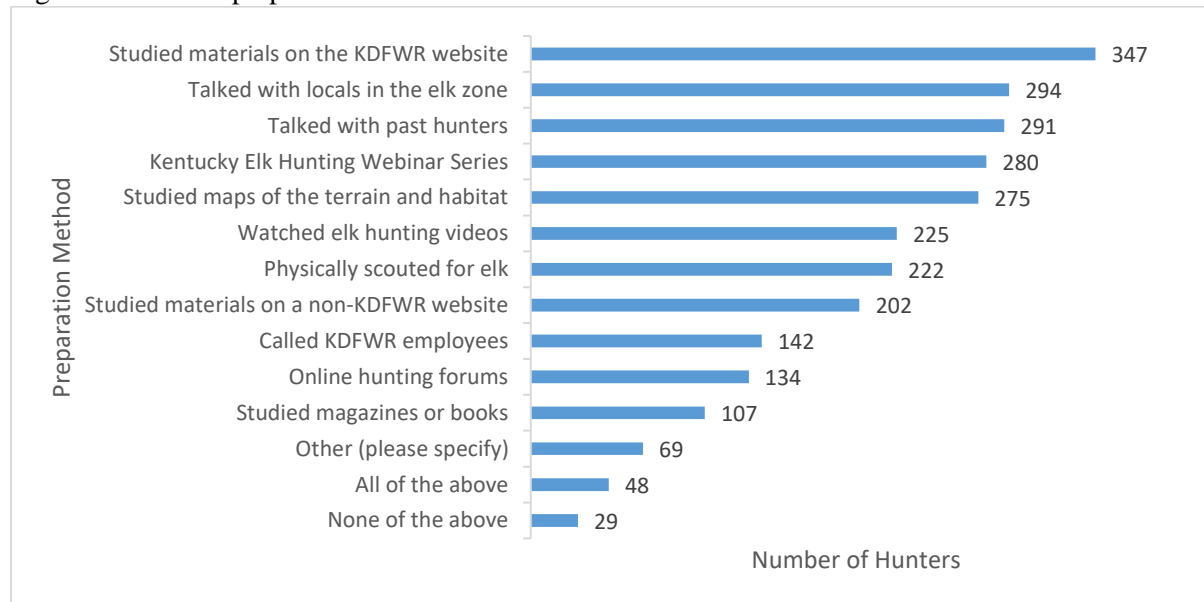
Answered: 510

Skipped: 4

A majority of elk permit holders (88%) reported that they actually went elk hunting in 2021.

**Question 10. How did you prepare for your elk hunt?**

Figure 1. Elk hunt preparation methods.



**Question 11. Which of the following best explains why you didn't elk hunt after being drawn?**

The 61 permit holders who did not go elk hunting (see question 9 above) were asked to provide a reason for not doing so. Hunters reported the following reasons:

- 43% reported “other” and were asked to specify. The majority of these responses involved COVID-19, but also included loss/lack of hunting property, lack of affordable guides/outfitters, dropped by outfitters after booking their hunt, death of family members, the hunter’s age or mobility, season timing, and selected for an area they considered undesirable.
- 20% cited personal or family illness.
- 17% claimed work conflicts and/or obligations.
- 13% reported family conflicts and/or obligations.
- 5% cited no reason for why they did not hunt.
- 3% cited cost and/or financial obligations.

**Question 12. What area did you hunt?**

Answered: 449

Skipped: 65

Table 3. Elk hunter distribution across Elk Hunting Units and response rate.

Unit	Number of Respondents	Available Quota Permits
2	69	94
3	121	140
4	84	134
5	53	74
6	80	94
7	42	58

**Question 13. About how much money for the following expenses did you and your helpers spend during or after your elk hunt? (Please enter whole numbers with no dollar sign.)**

Answered: 424

Skipped: 90

Table 4. Kentucky elk hunter expenditures.

Expense	Average Amount Spent	Total Spent
Gas	\$230	\$97,843
Meals	\$170	\$69,660
Lodging	\$287	\$104,965
Equipment	\$601	\$219,437
Guide/ Outfitter	\$2,948	\$548,380
Meat Processing	\$319	\$49,712
Taxidermy	\$805	\$102,260
Other	\$932	\$28,915

The average party of 2021 Kentucky elk hunter and helpers spent \$6,292 during a hunt. Guide/outfitter fees were the largest single expenditure on average, and when removed from the sample, the average elk hunter and helpers spent a total of \$3,344 per hunt. Total amount of money spent on elk hunts in 2021 was \$1,221,172.

**Question 14. Did you apply for a unit and/ or regulated area? (if no, why not)**

Answered: 444

Skipped: 70

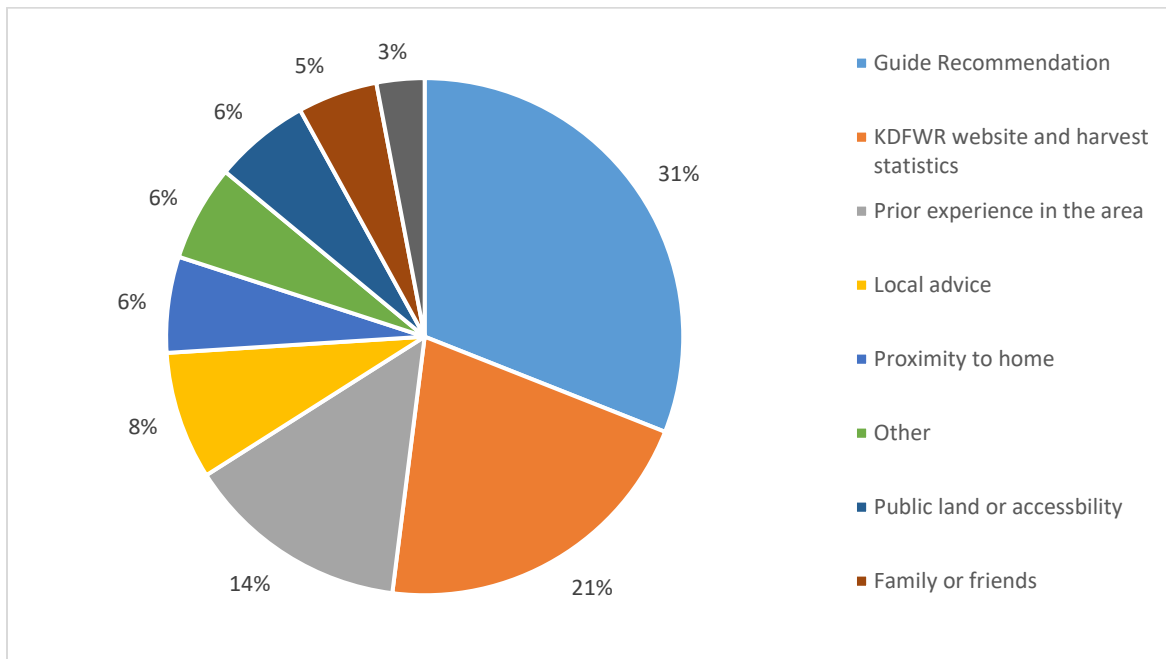
KDFWR conducts a secondary drawing for elk hunting units (EHU) and/or regulated areas (RA). During this drawing for 2021 elk seasons, hunters were given the option of selecting up to five preferences for their EHU and/or RA. Three hundred forty-four hunters (93%) selected at least one preference, while 24 (7%) made no selections. Of those 24 hunters, 15 provided a reason for why they did not make any selections. Their reasons for not applying in the secondary drawing include: 53% didn't have the option (i.e., purchased a landowner permit, which must be used on the property), 27% said they missed the application deadline, and the remaining 23% indicated they had no preference or that they wanted to hunt public property.

**Question 15. What helped you make your choice?**

Answered: 379

Skipped: 35

Figure 2. Elk hunting unit and regulated area selection.



The majority of hunters who made an EHU and/or RA selection indicated that their guide/outfitter was the leading source of information to help select their preferences (31%), followed by the KDFWR website and previous harvest statistics (21%), and other previous hunters' or personal experience (14%). The remaining influences in determining an EHU and/or RA selection were comparable in frequency of occurrence.

**Question 16. Did you hire a guide/outfitter for your elk hunt?**

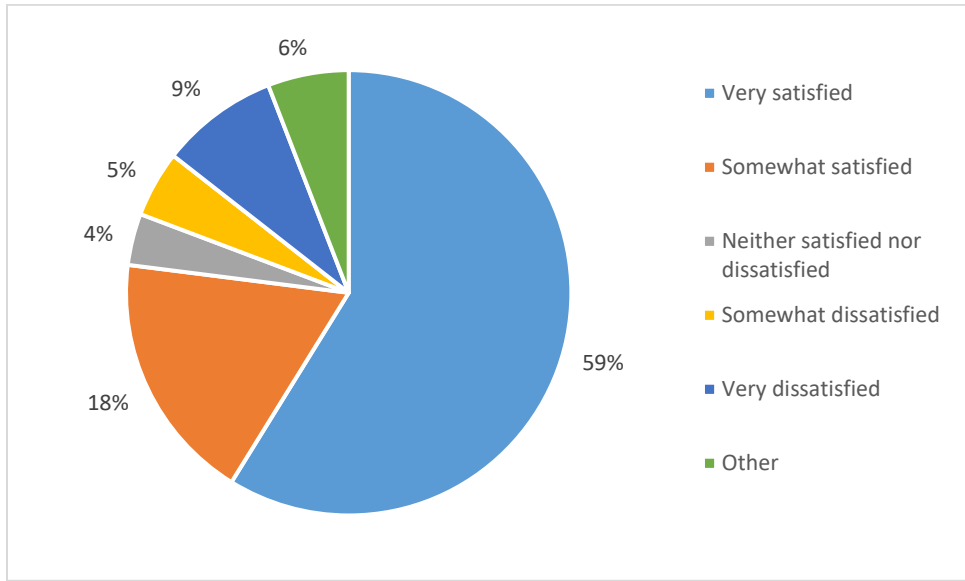
Answered: 449

Skipped: 75

Less than half (42%; n = 188) of hunters reported using a guide for their 2021 elk hunt.

**Question 17. How would you rate your guide experience?**

Figure 3. Guide/outfitter satisfaction. (Data from hunters who indicated they did not hire a guide/outfitter in Question 16 were excluded from this analysis.)



A majority of hunters who hired a guide/outfitter (77%) reported being either very or somewhat satisfied with the service they received.

**Question 18. How many different days did you spend elk hunting?**

Answered: 446

Skipped: 68

Of the respondents who hunted after being drawn, the average 2021 Kentucky elk hunter spent 5.0 days hunting elk (range: 1 - 30). Total number of days spent afield hunting elk among survey respondents in 2021 was 2,250 days. Please see Appendices A and B for a more thorough analysis of results from this question.

**Question 19. Approximately how many hours did you hunt per day?**

Answered: 446

Skipped: 68

Kentucky elk hunters spent 8.4 hours per day hunting elk on average (range: 0.3 – 15). Combined, they spent a total of 18,900 hours elk hunting in 2021.

**Question 20. Approximately how many elk did you see while hunting?**

*Note: Question 20 was separated into two parts: one that allowed the reporting of cow observations, and one for bull observations.*

Answered: 432                      Skipped: 82

On average, each Kentucky elk hunter observed 6 cows and 2 bulls while elk hunting in 2021.

Table 5. Number of elk observed during the 2021 Kentucky elk hunt.

Sex	Average	Range	Total
Cows Seen While Hunting (n = 432)	6.4	0 – 100	2,750
Bulls Seen While Hunting (n = 424)	2.2	0 – 20	944

Please see Appendices A and B for a more thorough analysis of this question.

**Question 21. How many elk did you have “in range” of your weapon type, but couldn’t or wouldn’t shoot?**

Answered: 432                      Skipped: 82

The average Kentucky elk hunter reported seeing 2.9 elk within their weapon’s range that they couldn’t or wouldn’t shoot (range: 0 – 41). Total number of elk reported within the 2021 Kentucky elk hunters’ range that they could not or would not shoot was 1,242.

**Question 22. Why did you not harvest the elk that was “in range?”**

Answered: 263                      Skipped: 251

The hunters who responded to Question 21 were asked to provide a reason why they couldn’t or wouldn’t shoot an elk that was “in range” of their weapon type. Hunters provided the following reasons for not shooting an elk that they had “in range:”

- 24% said that the elk was obscured by vegetation.
- 23% claimed a reason other than those listed but were not asked to specify.
- 17% reported that the elk was either too small or too young.
- 17% said the elk was not the gender they were drawn to hunt.
- 13% claimed the elk was not the desired gender.
- 4% claimed that it was too early in their hunt to shoot an elk.
- 1% said the elk was too far from the vehicle or road.

**Question 23. How many elk did you shoot at but miss?**

Answered: 438                      Skipped: 76



Kentucky elk hunters missed 0.06 elk on average during their 2021 hunts. The total number of elk that hunters reported shooting at but missing in this survey was 26, with a range of 0 – 1. Archery/crossbow hunters accounted for more (10) of the missed shots than any other hunter group. Please see Appendix B for a more thorough analysis of results from this question.

**Question 24. How many elk did you hit and not recover?**

Answered: 446                      Skipped: 68

The average 2021 Kentucky elk hunt survey respondent wounded 0.04 elk during their hunt. The total number of elk that were reported wounded in this survey was 20, with a range of reported values of 0 – 1. Archery/crossbow hunters accounted for 55% (11) of all wounded elk. Please see Appendix B for a more thorough analysis of results from this question.

**Question 25. Did you harvest an elk during your hunt?**

Answered: 446                      Skipped: 68

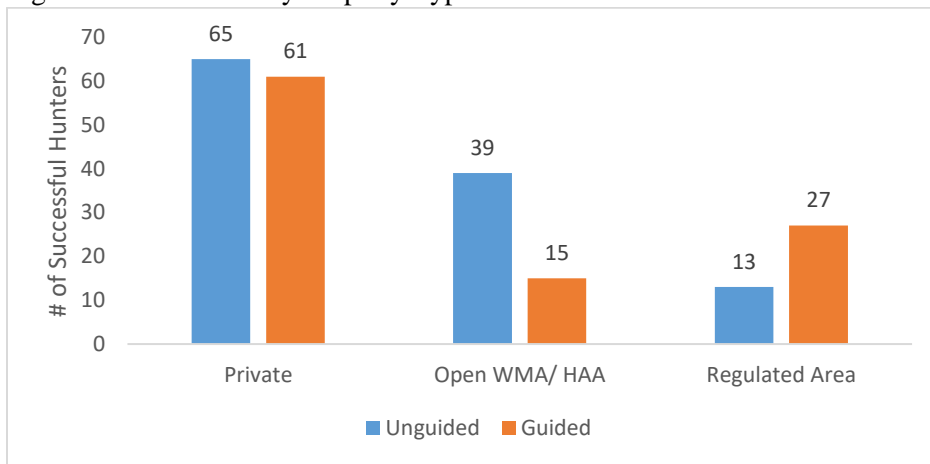
50% (223) of hunters in this survey were successful during their 2021 Kentucky elk hunt. Please see Appendices A and B for a more thorough analysis of results from this question.

**Question 26. What type of land did you harvest your elk on?**

For this analysis, responses were included from hunters who reported an elk harvest in Question 25.

Answered: 220                      Skipped: 3

Figure 4. Elk Harvest by Property Type.



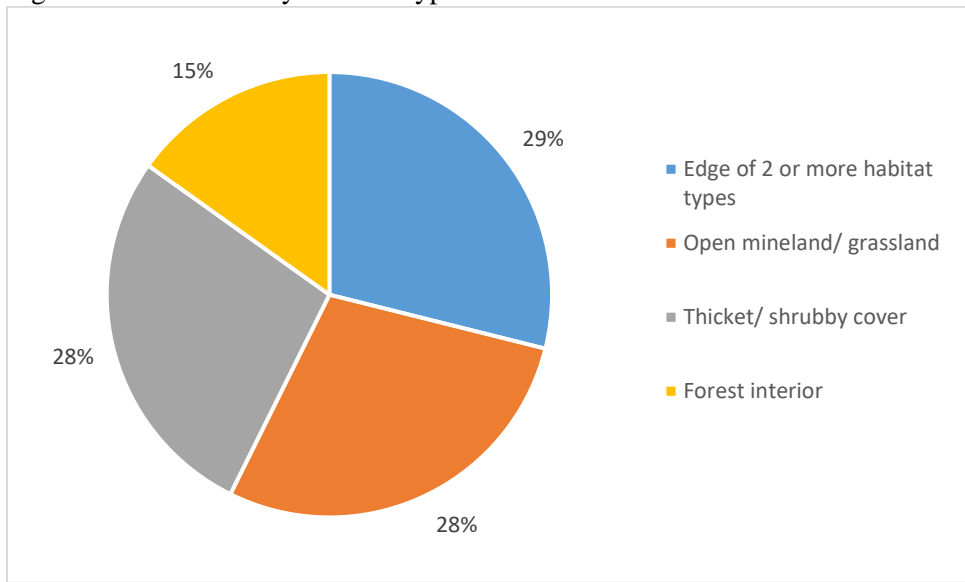
More unguided hunters (n=65) harvested their elk on private property than guided hunters (n=61), and slightly more than half of all successful hunters in the survey (57%; n=126) harvested their elk on private property. This is an important distinction, as private individuals or entities own most of the elk management zone.

**Question 27. What habitat type was your elk in when you harvested it?**

For this analysis, responses were only considered from hunters who reported an elk harvest in Question 25.

Answered: 218                      Skipped: 5

Figure 5. Elk Harvest by Habitat Type.



**Question 28. How did you get your elk out of the field?**

For this analysis, responses were only considered from hunters who reported an elk harvest in Question 25.

Answered: 219                      Skipped: 4

Table 6. Game Retrieval Method used by Kentucky Elk Hunters.

Game Retrieval Method	% of Hunters
Whole directly into truck	38%
Whole directly into ATV/ UTV	35%
In parts packed out with backpacks	11%
In parts by ATV/ UTV	8%
Other*	8%

\*The responses within this category included “in parts by truck”, “whole onto a trailer”, and “using tractors or other heavy equipment”.

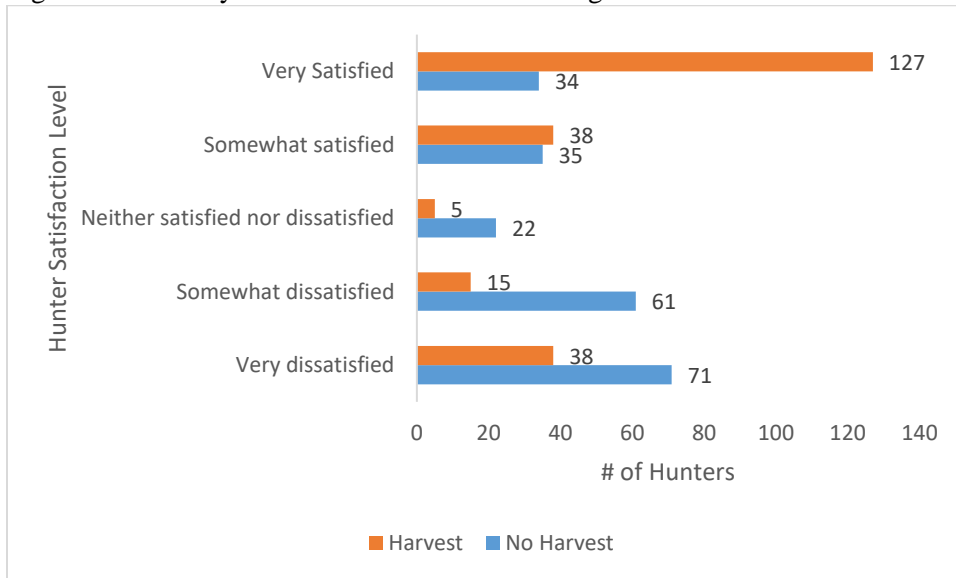
The majority of survey respondents who harvested an elk (73%) indicated they were able to get their elk out of the field whole with either a truck or ATV/UTV.

**Question 29. Thinking back over your entire elk hunt, how satisfied were you with your elk hunt overall?**

Answered: 446

Skipped: 68

Figure 6. Kentucky Elk Hunter Satisfaction Ratings.



Slightly more survey respondents (52%; n=234) expressed some level of satisfaction with their 2021 elk hunt than those who expressed some level of dissatisfaction (48%; n=212). As seen in the figure above, there is a positive relationship between a hunter’s level of satisfaction and the harvest of an elk. Please see Appendix C for an expanded analysis of this question.

**Question 30. If you were selected for a regulated area, did you hunt on the regulated area you had access to?**

Answered: 251

Skipped: 196

66% of hunters that gained access to an RA, either in the initial or “secondary draw”, indicated they hunted the property.

Hunters who answered “no” to Question 30 (n=85) were asked to provide the reason they chose not to hunt the RA they were selected for.

Answered: 57

Skipped: 28

Of the 63 hunters that provided a reason they did not hunt the RA they were selected for:

- 21% said they had access to private property.
- 19% reported little-to-no elk sign on the property, or elk at lower densities.
- 16% lost access to their RA when a landowner left the program.
- 12% found a better spot or harvested an elk before they could hunt the RA.
- 11% were classified as “other” (i.e., did not fit into an established/ common category).

- 7% claimed their guide/outfitter did not want to go there or had other areas for them to hunt.
- 7% thought the terrain was too challenging.
- 7% said online maps provided by KDFWR were insufficient, that properties were difficult to locate.

**Question 31. How many days did you hunt and scout on the regulated area?**

Only data from hunters that responded to Question 30 were used in this analysis.

Answered: 206                      Skipped: 308

Table 7. Hunter Effort on Regulated Areas.

Number of Days Scouting and Hunting	Did not Hunt the RA (n = 40)	Did Hunt the RA (n = 166)
1	17	24
2 – 5	17	88
6 – 10	4	34
11+	2	20

53% of respondents who hunted an RA spent two to five days scouting and hunting the property. Of those who answered the question, it appears the majority (85%) of hunters who did not hunt their drawn RA spent less than five days scouting the property.

**Question 32. Approximately how many total elk did you see on the regulated area while hunting and scouting?**

Only data from hunters that responded to Question 30 were used in this analysis.

Answered: 219                      Skipped: 295

Table 8. Number of Elk Observed while Scouting and Hunting on assigned Regulated Area (RA)

Number of Elk Seen Hunting and/or Scouting	Did not Hunt the RA (n = 53)	Did Hunt the RA (n = 166)
0	43	50
1 – 10	9	89
11 – 20	0	0
21 – 30	1	23
31 - 40	0	0
41 – 50	0	2
50+	0	2

54% of respondents that hunted an RA observed between 1–10 elk on the property in 2021.

### **Question 33. Did you harvest an elk on the selected Regulated Area?**

Only data from hunters who responded “Yes” to Question 30 were used in this analysis. One response was omitted due to conflicting information being reported.

Answered: 165                      Skipped: 1

40% of respondents who hunted an RA reported harvesting an elk in 2021.

### **Question 34. How can KDFWR improve the regulated area program?**

This was an open response question where hunters could provide comments about the RA program. Although not every hunter had the opportunity to physically hunt and/or scout an RA, answers from all survey respondents were examined to gain a better understanding of customer satisfaction and understanding of the RA program overall.

Answered: 367                      Skipped: 43

When asked how KDFWR can improve the RA program, survey respondents shared the following answers:

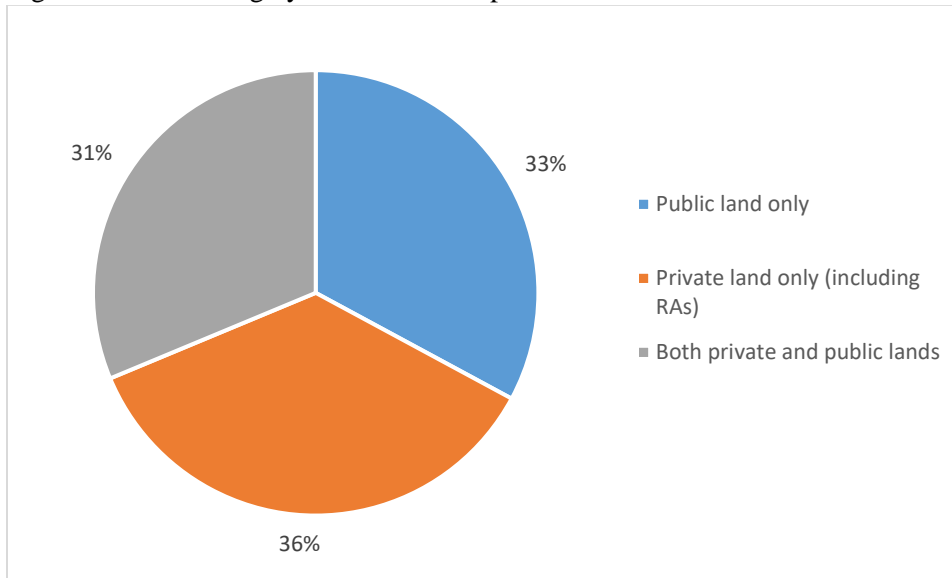
- 19% had no comments or suggestions for ways to improve the RA program.
- 15% wanted more hunting areas (including more hunters allowed on individual properties and for KDFWR to acquire more property to hunt).
- 15% provided a response unrelated to the RA program.
- 13% asked for properties with more elk on them.
- 7% requested better maps, marked boundaries, or access point information.
- 7% indicated they like the RA program “as is.”
- 6% wanted to reduce other uses on the property (i.e., ATVs, other hunting, landowner conflicts, better enforcement of non-RA hunters, etc.).
- 5% requested an earlier date for the secondary drawing, or general changes in the structure to improve ease of use.
- 4% asked for better habitat management on RAs.
- 4% wanted to prohibit guiding on RAs and/or public property.
- 3% asked for more information and/or data, including communication between KDFWR and hunters.
- 2% suggested better field observations or abundance estimates for elk on the property.

**Question 35. Which of the following types of lands did you elk hunt on?**

Answered: 438

Skipped: 76

Figure 7. Elk Hunting by Land Ownership.



Elk hunters reported using land ownership types at about equally (across all hunters) in 2021.

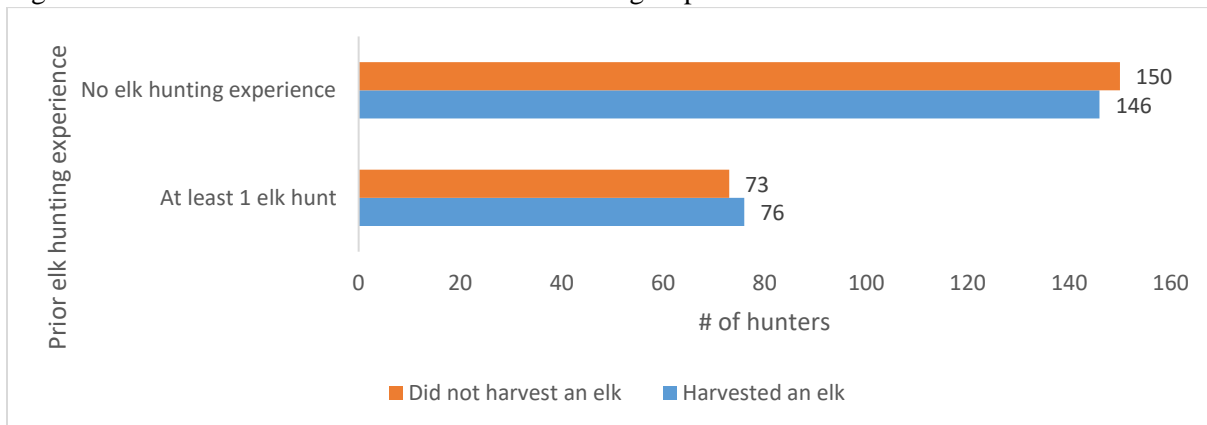
**Question 36. Have you ever hunted elk before your Kentucky elk hunt?**

Answered: 445

Skipped: 69

67% of survey respondents indicated they had never hunted elk before the 2021 Kentucky elk season.

Figure 8. Elk Harvest in Relation to Prior Elk Hunting Experience.



Only hunters who responded “Yes” to Question 9 were included in the analysis for the above figure. Hunters who had been on at least one elk hunt (n=76) harvested proportionately more elk than those who had never elk hunted (n=73). There were at least 146 hunters who harvested their first elk during the 2021 Kentucky elk hunt.

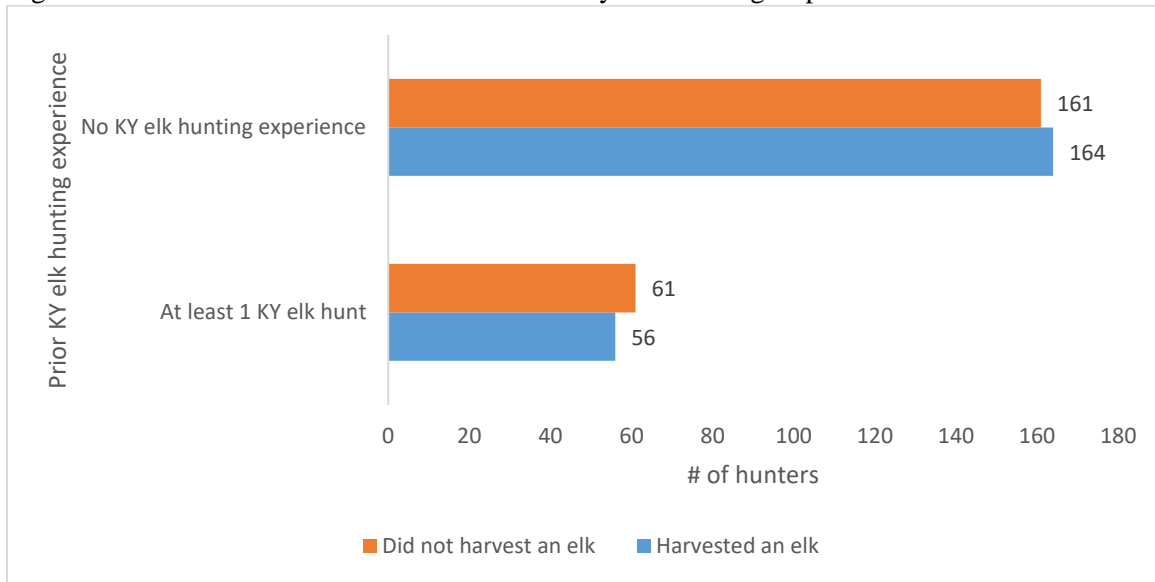
**Question 37. Have you ever hunted, or been a part of an elk hunt in Kentucky before?**

Answered: 442

Skipped: 72

74% of survey respondents had never hunted elk (or been a part of an elk hunt) in Kentucky before 2021.

Figure 9. Elk Harvest in Relation to Prior Kentucky Elk Hunting Experience.



Only hunters who responded “Yes” to Question 9 were included in the analysis for the above figure. In total, slightly fewer hunters with prior elk hunting experience in Kentucky harvested an elk (n=56) than hunters without prior elk hunting experience in the state (n=61). There were at least 164 hunters who either harvested their first elk or their first Kentucky elk in 2021.

**Question 38. If you have additional comments or recommendations, please enter them in the box below.**

Answered: 269

Skipped: 235

When asked if they had any additional comments or suggestions, survey respondents shared the following:

- 28% had no suggestions for improving the elk hunt or liked it “as is.”
- 16% expressed frustration with low elk observations during their hunt or requested more elk in Kentucky.
- 13% wanted to have longer elk seasons, expressed displeasure with overlapping dates between elk and other hunting seasons (e.g., firearms deer seasons), or had issues with the current season dates (e.g., cow firearms week 2 opened on Dec. 25, 2021).
- 13% expressed a desire to close elk season for several years in one way or another (mainly including cow hunting, but some advocated for the closure of all elk hunting in Kentucky).
- 8% wished for more public land elk hunting opportunities.
- 8% were concerned about guiding services and asked for better regulation of these services, or to prohibit them from utilizing public land.

- 8% wanted more law enforcement to stop poaching and prevent illegal use of properties.
- 7% asked for the ability to defer or transfer their permits, or be drawn again without a waiting period (particularly if they didn't harvest an elk). The novel coronavirus pandemic affected numerous hunters in 2021.
- 6% of responses were classified as "other" as there was no common theme with other responses.
- 6% requested better communication between elk hunters and KDFWR personnel, including general correspondence, updated information regarding elk movements, and in-person or virtual courses on Kentucky elk hunting.
- 5% want KDFWR to stop trapping and translocating elk.
- 4% suggested the need for better habitat, including removal of feral livestock.
- 4% suggested that KDFWR eliminate the EHU system, provide a better avenue for local residents to hunt the unit in which they live, or simplify the EHU system.
- 4% requested better mapping of properties or access points.
- 3% requested more Kentucky elk hunting opportunities for residents.
- 3% of hunters wished to see expanded bear hunting opportunities and harvest.



**Appendix A. Summary results for 2021 Kentucky elk hunt “do it yourself” survey respondents.**

Permit	Scout?	Days Scouted	Elk Observed Scouting		Days Hunted	Elk Observed Hunting		Harvest %
			Cows	Bulls		Cows	Bulls	
Bull Week 1	No (n = 2)				3.0	0	2.0	50%
	Yes (n = 20)	4.0	2.3	1.5	4.7	2.8	1.4	65%
Bull Week 2	No (n = 3)				3.7	0	0	0%
	Yes (n = 20)	3.5	2.7	1.7	4.0	5.8	1.9	40%
Archery	No (n = 15)				6.3	2.6	1.4	27%
	Yes (n = 54)	3.9	3.2	1.1	8.9	8.9	2.5	46%
Cow Week 1	No (n = 20)				3.2	5.0	1.4	35%
	Yes (n = 33)	3.2	4.7	1.2	3.1	4.8	1.7	55%
Cow Week 2	No (n = 12)				2.5	4.3	2.0	42%
	Yes (n = 33)	2.9	2.4	0.3	3.1	3.1	0.6	33%
Youth	No (n = 2)				3.0	0	1.5	50%
	Yes (n = 12)	3.7	2.8	0.7	7.3	2.5	2.7	50%
Other Permit	No (n = 5)				5.6	6.2	6.8	60%
	Yes (n = 29)	3.8	5.1	2.0	11.3	8.0	3.8	59%

Data used in these analyses were derived from survey questions 4 – 7, 9, 16, 18 – 19 and 22. Only respondents who answered questions 5, 9, and 16 were included in this dataset to narrow the dataset to hunters who went “do it yourself.” Data are provided for reference only. KDFWR Elk Program staff receive numerous requests regarding the necessity for a guide and/or the ability to be successful as a “do it yourself” hunter. Although confounding variables (e.g., whether hunters who failed to scout had local or prior knowledge of an area) and low sample sizes likely affected the above results, “do it yourself” hunters who scouted prior to their hunt hunted longer on average and were slightly more successful than elk hunters who did not scout. It was also generally true that hunters who made one or more scouting trips prior to hunting saw more elk when hunting than when scouting.

**Appendix B. Summary results for 2021 Kentucky elk hunt survey respondents.**

Permit Type	Guide Usage	Days Hunted	Elk Observed		Elk in Range Couldn't Shoot (per hunter)	Elk Missed (per hunter)	Elk Wounded (per hunter)	Harvest
			Cows	Bulls				
Bull Week 1	Guided (n = 37)	3.3	2.8	1.6	1.4	0.05	0.05	51%
	Unguided (n = 22)	4.5	2.5	1.4	1.7	0.05	0.14	64%
Bull Week 2	Guided (n = 27)	3.6	3.0	1.3	2.2	0.04	0	56%
	Unguided (n = 23)	4.0	5.0	1.6	3.3	0	0	35%
Archery	Guided (n = 46)	6.0	9.4	3.6	2.4	0.09	0.15	48%
	Unguided (n = 69)	8.3	7.5	2.3	1.6	0.09	0.16	42%
Cow Week 1	Guided (n = 30)	2.8	8.6	2.8	5.2	0	0.1	66%
	Unguided (n = 53)	3.1	4.8	1.6	3.7	0.04	0	47%
Cow Week 2	Guided (n = 27)	3.0	13.3	2.0	4.0	0.08	0	56%
	Unguided (n = 45)	2.9	3.4	1.0	1.9	0.02	0	36%
Youth	Guided (n = 6)	2.5	4.0	1.5	1.3	0	0	100%
	Unguided (n = 14)	6.7	2.3	2.4	1.2	0.08	0	50%
Other Permit	Guided (n = 13)	6.8	14.4	3.3	3.8	0	0.08	54%
	Unguided (n = 34)	10.5	7.7	4.2	5.4	0.18	0	59%

Data used in these analyses were derived from survey questions 9, 16, 18, 20 - 21, and 23 - 25. Only respondents who answered questions 9 and 16 were included in this dataset to allow for comparisons between guided and unguided hunters. Data are provided for reference only. KDFWR Elk Program staff receive numerous inquiries regarding the necessity for a guide and/or the ability to be successful as a “do it yourself” hunter.

**Appendix C. Frequency of occurrence for hunter satisfaction level by permit type and guide status for the 2021 Kentucky elk hunt.**

Permit Type	Guide Usage	Hunter Satisfaction Level (frequency of occurrence)				
		Very Dissatisfied	Somewhat Dissatisfied	Neither Dissatisfied nor Satisfied	Somewhat Satisfied	Very Satisfied
Bull Week 1	Guided (n = 37)	10	8	4	7	8
	Unguided (n = 22)	3	4	0	6	9
Bull Week 2	Guided (n = 27)	7	3	1	5	11
	Unguided (n = 23)	8	3	2	2	8
Archery	Guided (n = 46)	9	10	1	7	19
	Unguided (n = 69)	17	11	6	19	16
Cow Week 1	Guided (n = 30)	6	7	1	4	12
	Unguided (n = 53)	19	8	2	5	19
Cow Week 2	Guided (n = 27)	3	3	1	5	15
	Unguided (n = 45)	18	9	2	7	9
Youth	Guided (n = 6)	1	0	0	0	5
	Unguided (n = 14)	2	1	1	2	8
Other Permit	Guided (n = 13)	0	4	2	1	6
	Unguided (n = 34)	6	5	4	3	16
Total		109	76	27	73	161

Data used in these analyses were derived from survey questions 9, 16, and 29. Data are provided for reference only and do not reflect a hunter's satisfaction level with the guiding service they may have received (see Question 17 for those results).