### **ELK HUNTING IN IDAHO:**

# UNDERSTANDING THE NEEDS AND EXPERIENCES OF HUNTERS: WEISER ZONE



#### **Prepared by:**

Alexandria Middleton, Research Assistant
Nick Sanyal, Ph.D., Associate Professor
&

Ed Krumpe, Ph.D., Professor

### <u>For:</u> Idaho Department of Fish and Game

August 2012

### INSERT ELK SURVEY OBJECTIVES

**METHODS** 

**SAMPLING** 

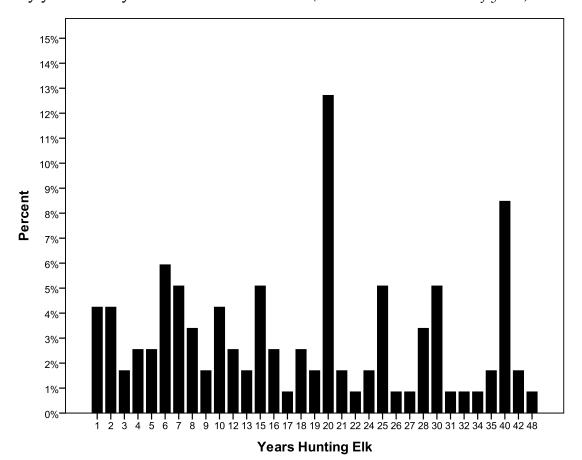
RESPONSE RATE.

#### **ELK HUNTER PROFILES**

#### (TRAVEL PATTERNS, HUNTING HISTORY, HARVEST SUCCESS, ZONE USE)

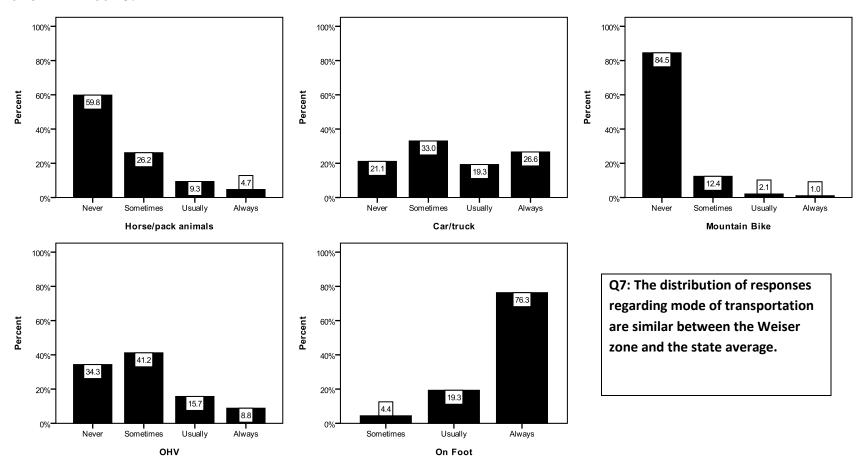
Now, some questions about your Idaho Elk hunting experiences and preferences.

3. About how many years have you hunted Elk in Idaho? (Please enter the number of years)

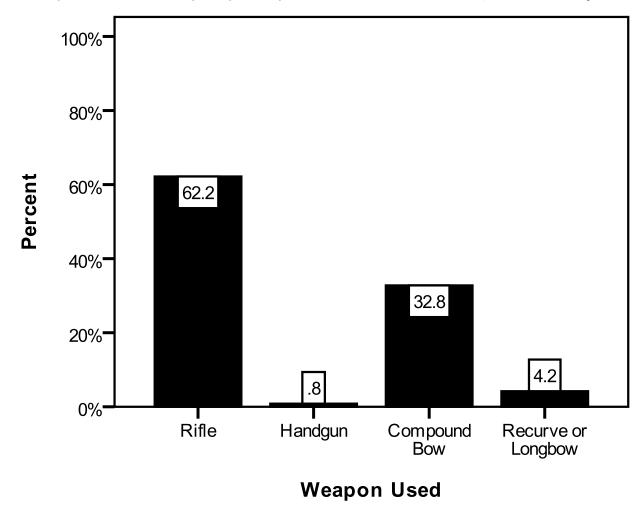


Q3: The range of years hunting Elk in the Weiser zone is about half as large as the state average.

## 7. Excluding your travel to and from your home, how often do you use the following mode of transportation when you hunt Elk in Idaho?

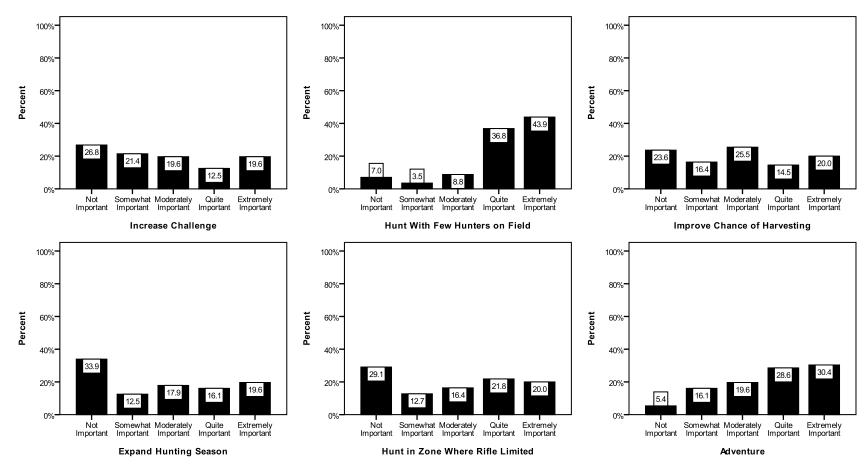


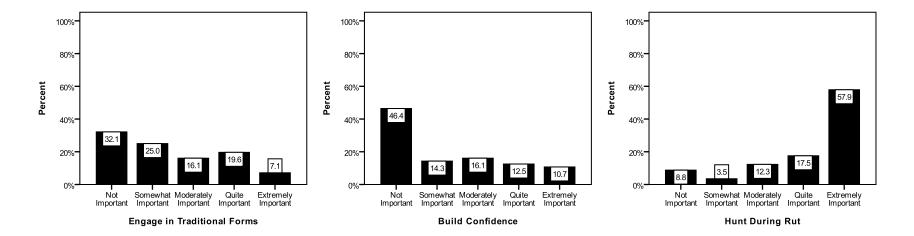
#### 8. What type of weapon do you typically use to hunt Elk in Idaho? (Please check only one response)



Q8: Similar to the state average, hunters in the Weiser zone typically use a rifle or compound bow when hunting Elk in Idaho.

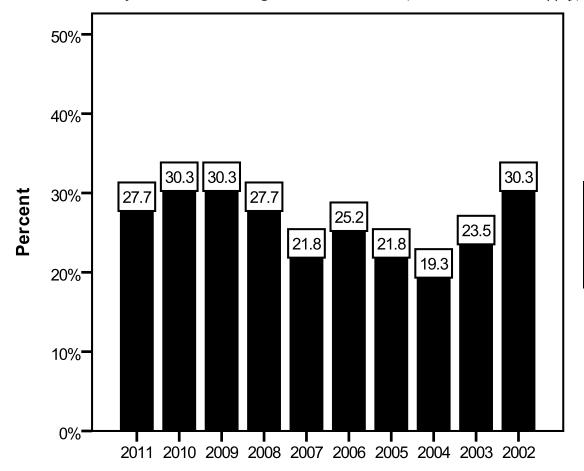
## 10. How important was each of the following in your decision to hunt during Elk archery, short-range weapons or muzzleloader seasons?





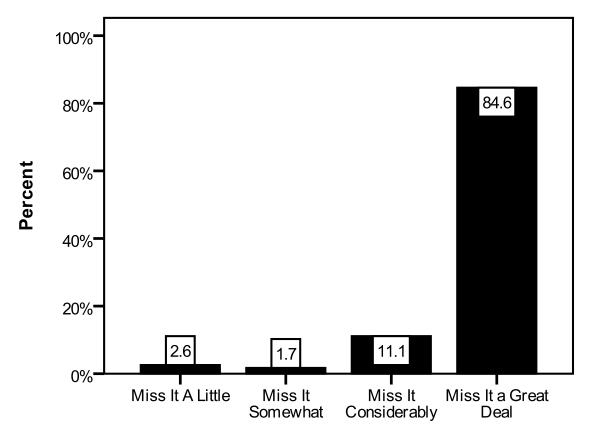
Q10: The distribution of responses is similar between the Weiser zone and the state average.

#### 11. What has been your Elk harvesting success in Idaho? (Please check all that apply)



Q11: The respondents in the Weiser zone reported having a slightly higher harvest success rate than the state average in the past 4 years, between a 5.2 and 8.5% increase.

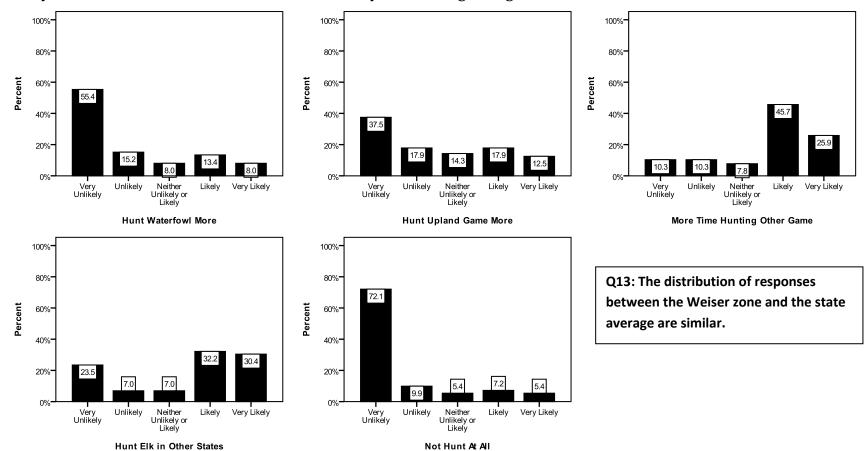
#### 12. If you could not hunt Elk in Idaho, how would you react? (Please check only <u>one</u> response)



Q12: Similarly to other hunters in the state, if Weiser zone hunters could not hunt Elk in Idaho, they would miss it a great deal.

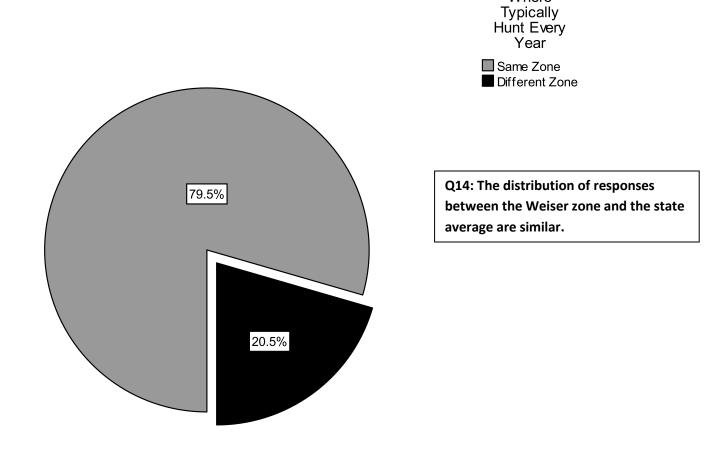
**Could Not Hunt Reaction** 

#### 13. If you could not hunt Elk in Idaho, how would your hunting change?

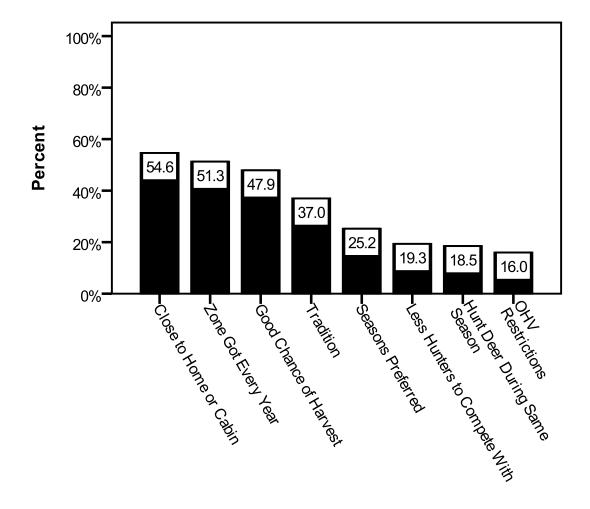


Where

#### 14. Which of the following best describes where you typically hunt Elk in Idaho? (Please check only one response)

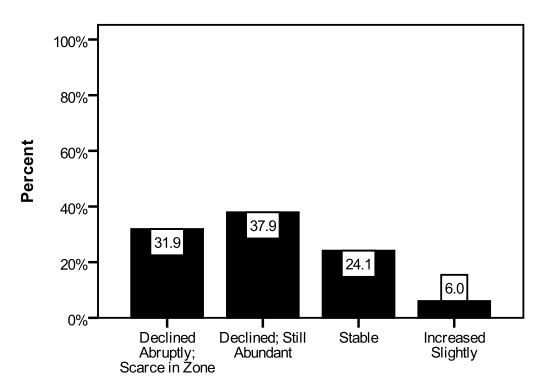


#### 16. What makes the zone(s) you marked in Q-15 desirable to hunt Elk? (Please check all that apply)



Q16: The distribution of responses between the Weiser zone and the state average are similar.

17. What are your perceptions of Elk numbers in the zone you hunted in 2011? Select the <u>ONE</u> statement from the list below that most closely matches your perceptions. (*Please check only one response*)

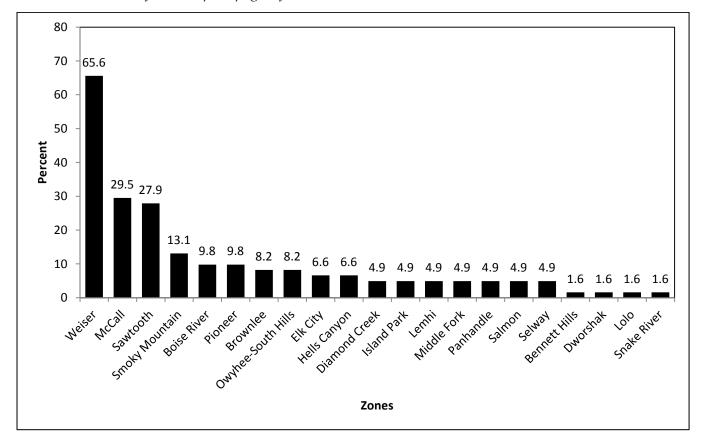


Q17: Weiser zone respondents perceive Elk numbers to have declined abruptly almost 20% less than the state average. The perceive numbers to have declined but still abundant or to be stable slightly more than on average.

**Perceptions of Elk Numbers** 

#### 18. If you hunted in more than one zone in the past 10 years, please list them below.

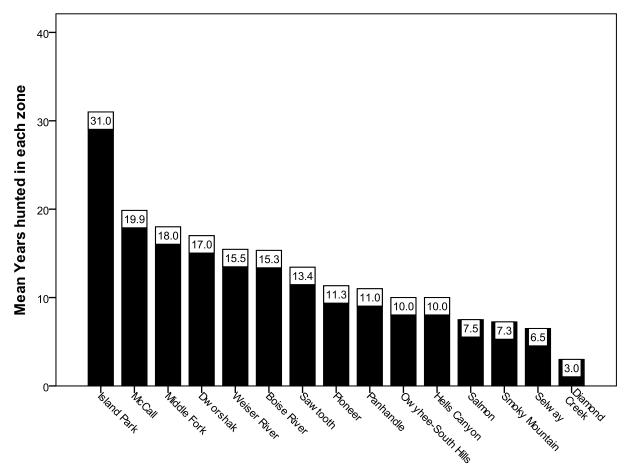
(Please write in the Zone names, refer to map on page 5 for Zone names)



Q18: The McCall and Sawtooth zones are frequented by the most Weiser zone respondents outside of the Weiser zone itself, with over a quarter of respondents hunting in those zones as well.

#### 20. How long have you hunted Elk in each of the zones you listed in Q-18?

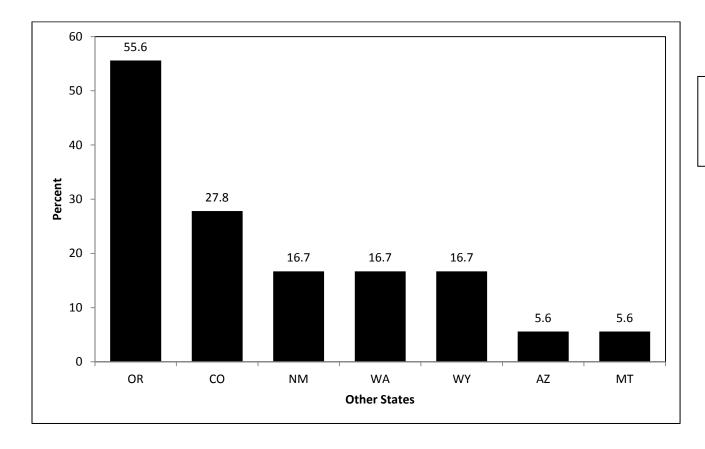
(Please write in the name of the zone and number of years, refer to map on page 5 for Zone names)



Q20: Along with being popular among respondents, the McCall zone is second to Island Park in mean years hunted with 19.9 years.

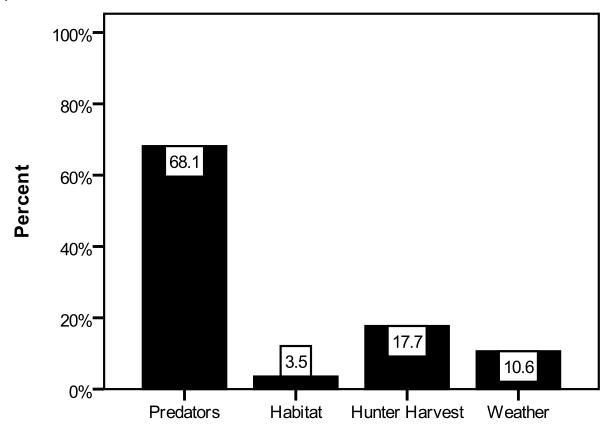
Other Zones in Past 10 Years

#### **21.** Do you also hunt for Elk in other states? (Please check one response)



Q21: Over half of Weiser respondents that said they hunted in other states reported hunting in Oregon.

## 22. What do you believe is the primary factor limiting Elk numbers in the zone you hunted in 2011? (Check only ONE response)

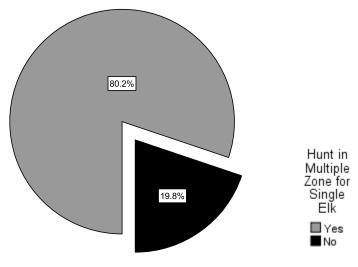


Q22: Predators are believe to be the primary factor limiting Elk numbers by the most respondents in both the Weiser zone and the state average.

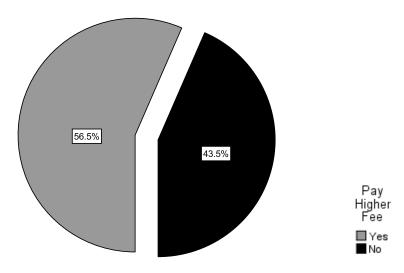
**Factor Limiting Elk Numbers** 

23. Would you like to be able to hunt in multiple zones in a year for a single Elk? (Please check one response)

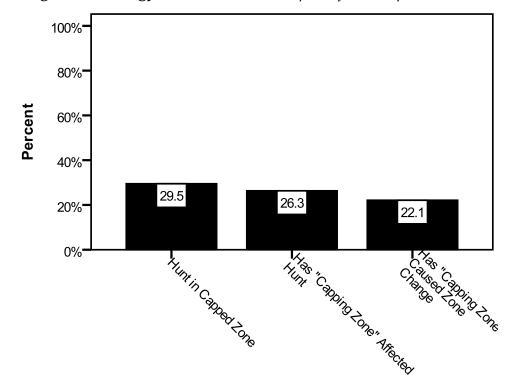
The distribution of responses between the Weiser zone and the state average are similar for both Q23 and Q24.



24. If YES, would you be willing to pay a higher fee (\$100 more for non-residents; \$30 more for residents) to do so? (Please check one response)

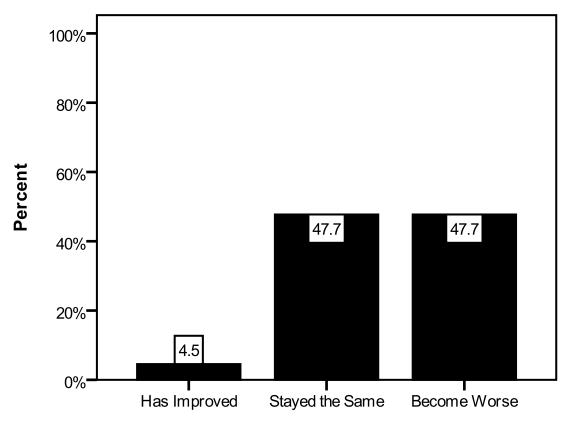


25. When the zone system was implemented the mechanism for reducing unlimited over-the-counter opportunity called "capping the zone" was developed by the department with the help of legislators, sportsmen and outfitters. This "capping the zone" is an allocation formula to distribute Elk tags to hunters (residents, nonresidents and outfitted residents) based on the historical use of the previous 5 years. What has been your experience with this management strategy? (*Please circle one response for each question*)



Q25: 15.1% fewer Weiser respondents than the state average reported to have hunted in a capped zone. Slightly more hunters in the Weiser zone said it had caused them to change zones.

26. If you hunt in a "capped zone" has the Elk hunting changed since it was capped? (Please check <u>one</u> response)



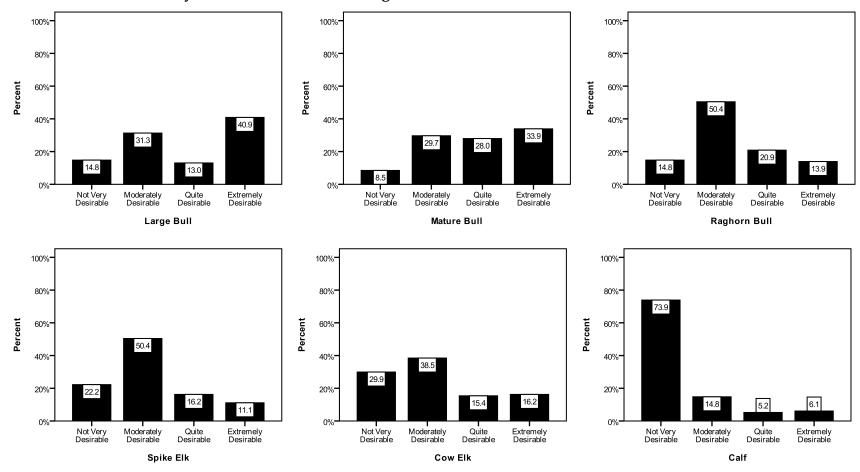
Q26: Unlike the state average, 10.6% more respondents in the Weiser zone felt that Elk hunting had stayed the same since the zone was capped.

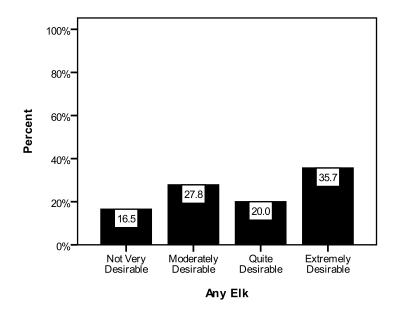
Has Hunting Changed in Capped Zone

#### **ELK HUNTING PREFERENCES AND MOTIVATIONS**

In this section we seek an understanding of what you consider when deciding what kind of Elk to hunt and where to hunt them.

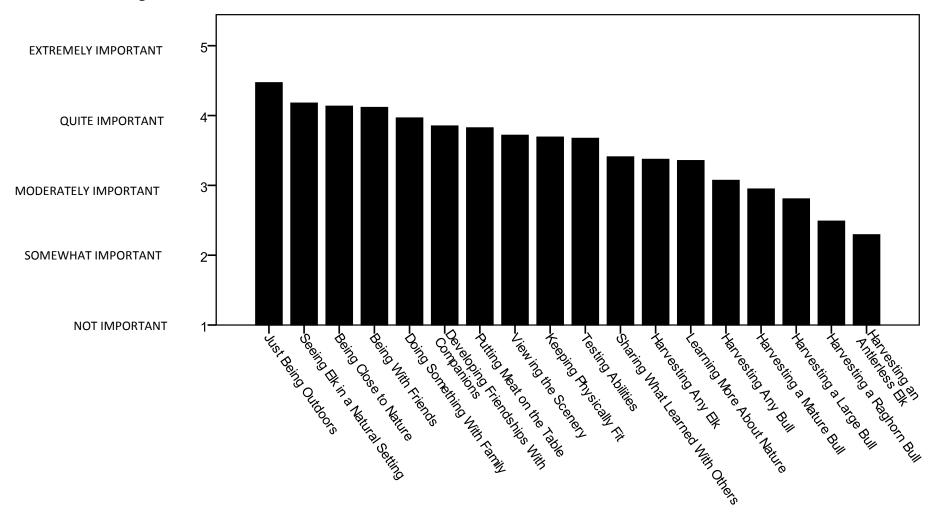
27. How desirable is it to you to harvest the following kinds of Elk?



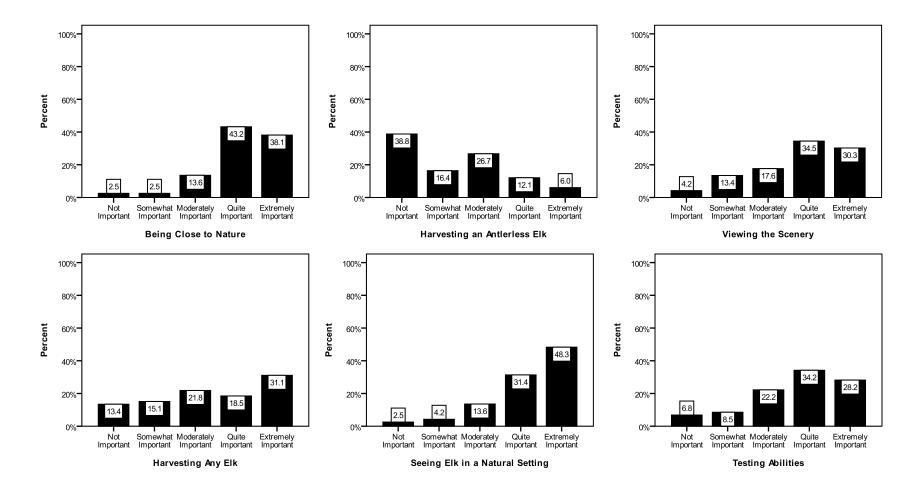


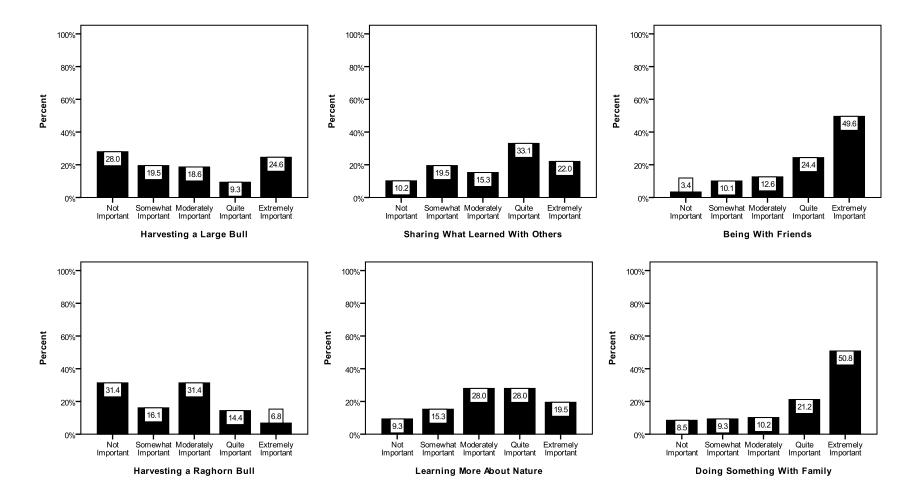
Q27: Although mature and larger Elk are most desirable among Weiser hunters and other hunters across the state, those in Weiser find spike Elk slightly more desirable than the average.

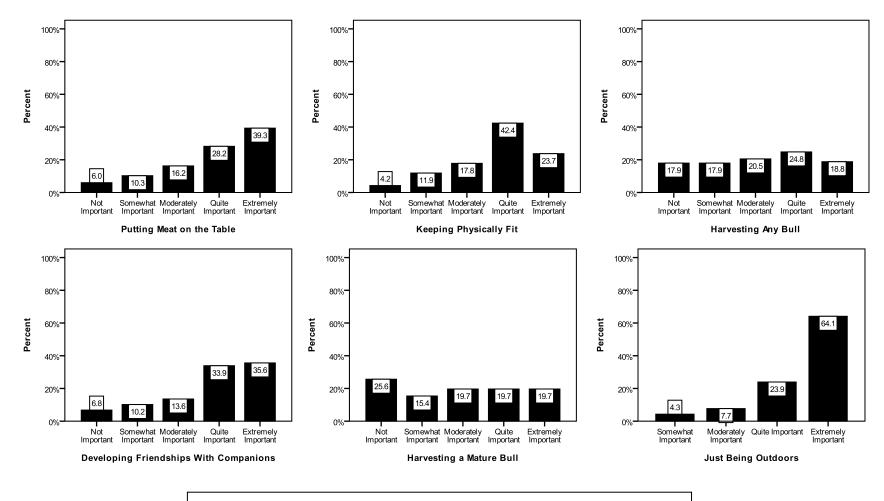
## 28. Below is a list of possible reasons for hunting Elk in Idaho. How important to you is each of the following reasons for hunting Elk in Idaho?



IMPORTANCE OF REASONS FOR HUNTING ELK IN IDAHO



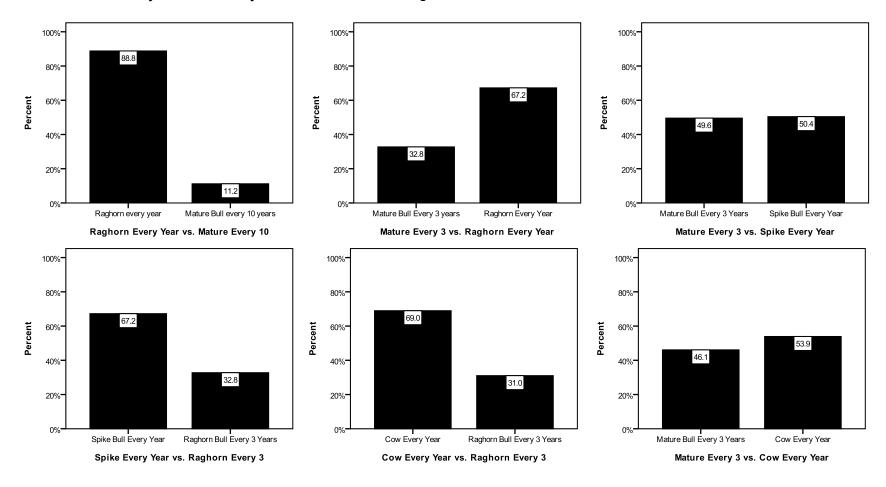


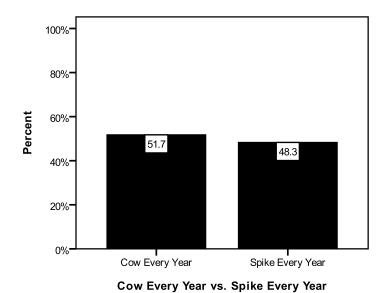


Q28: The distribution of responses between the Weiser zone and the state average are similar.

#### Next, your opinions about some possible management options.

32. Managing to produce more large bull Elk would require reductions in bull harvest. Managers need to know whether hunters are willing make trade-offs between the size of bulls and the amount of opportunity to hunt. (For each of the following pairs of opportunity choices please indicate which one is most favorable to you by circling the appropriate letter) Please answer every one, even if you do not like either option.

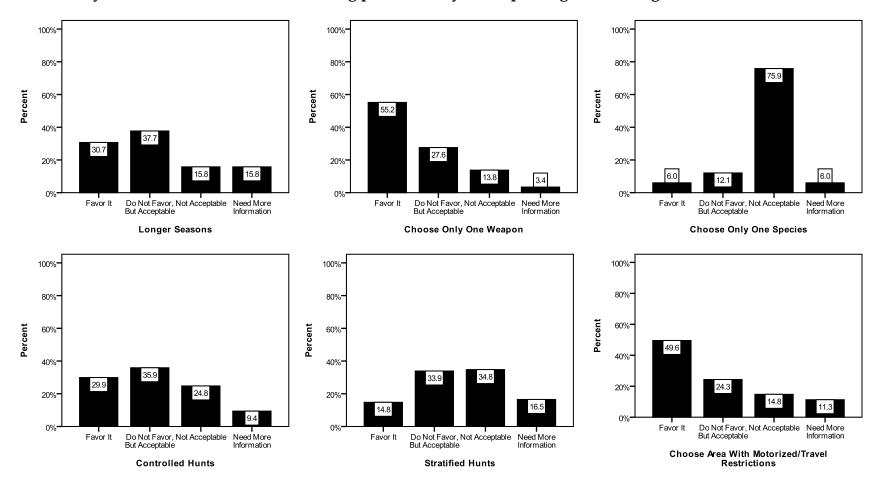


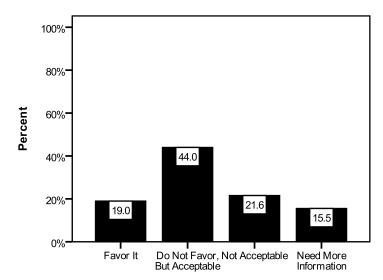


Q32: The distribution of responses between the Weiser zone and the state average are similar.

# ACCEPTABILITY OF CURRENT AND PROPOSED MANAGEMENT STRATEGIES AND THE TRADE-OFFS INVOLVED

34. How do you feel about each of the following potential ways of improving Elk hunting, if needed?

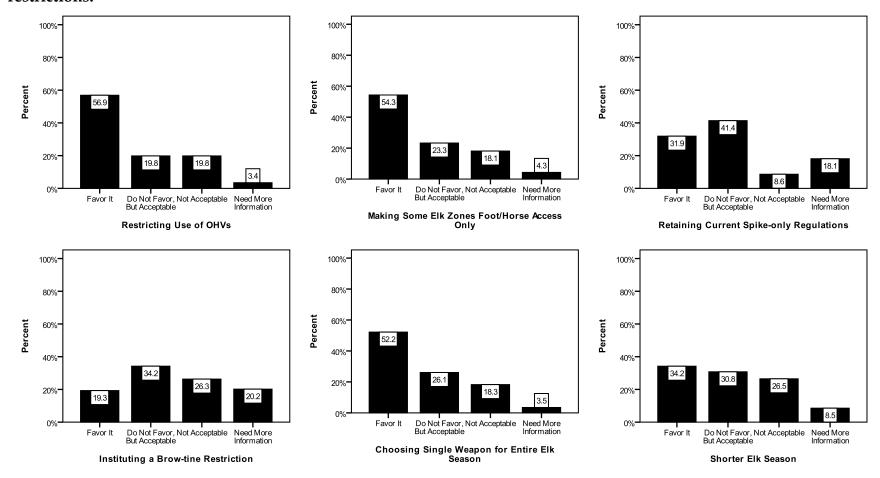


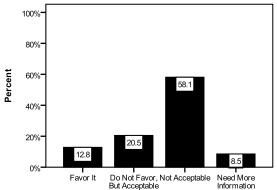


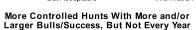
**Choose Area With Capped Zone** 

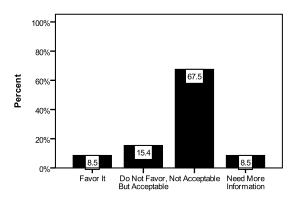
Q34: Although the distribution of responses between the Weiser zone and the state average are similar, it can be noted that Weiser hunters find potentially longer seasons less acceptable than the average and stratified hunts slightly more acceptable.

# 35. We would like to know how you feel about the following <u>potential</u> restrictions to increase the quality and size of Elk in Idaho and improve Elk hunting opportunities. Please indicate your opinion on the following <u>potential</u> restrictions.

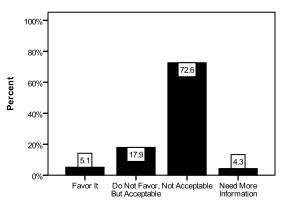








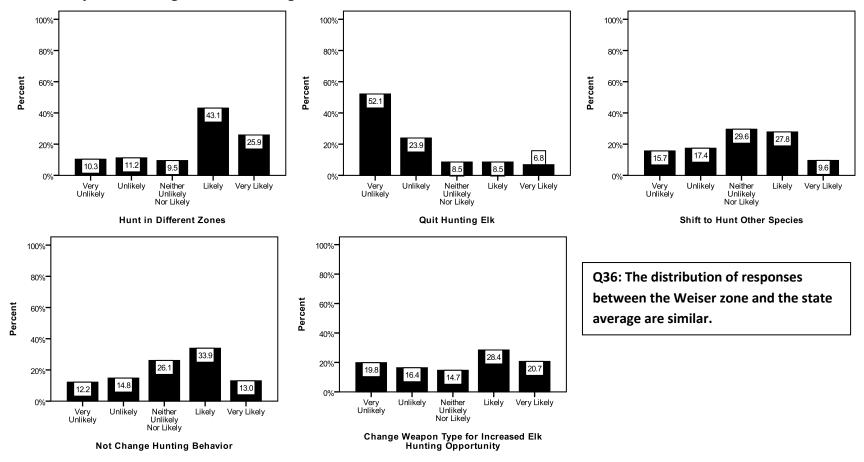
More Controlled Hunts With More and/or Larger Bulls/Success, But Can't Hunt W/o Drawn Tag



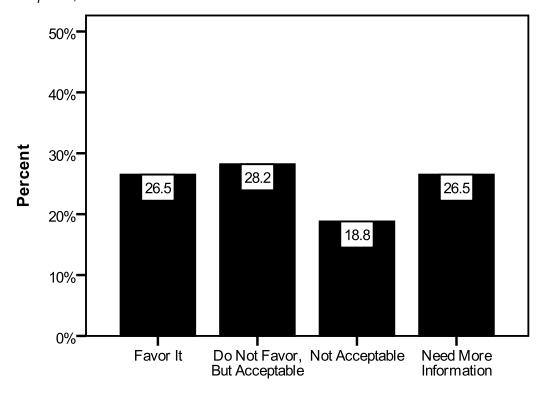
Being Able to Purchase Tag Only Every Other Year

Q35: For most potential restrictions, the distribution of responses between the Weiser zone and the state average are similar. However, Weiser respondents found shorter Elk seasons more favorable than the average.

## 36. <u>IF</u> Idaho Fish and Game introduces restrictions that reduce Elk hunting opportunities to improve Elk populations, how would your hunting behavior change?



38. How would you feel about a big game regulation that sets the general season conditions for 2 years in advance, just like the current Moose, Mountain Goat, Bighorn Sheep, Upland Game, Turkey and Fishing regulations? (Please check one response)

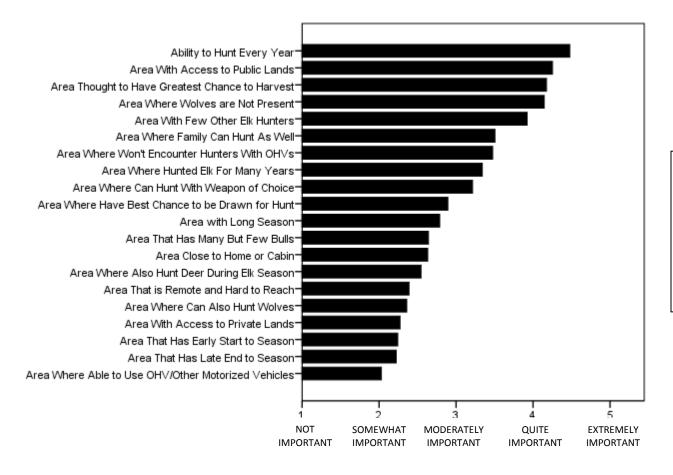


Q38: The distribution of responses between the Weiser zone and the state average are similar.

Feelings About Setting Season Conditions 2 Years in Advance

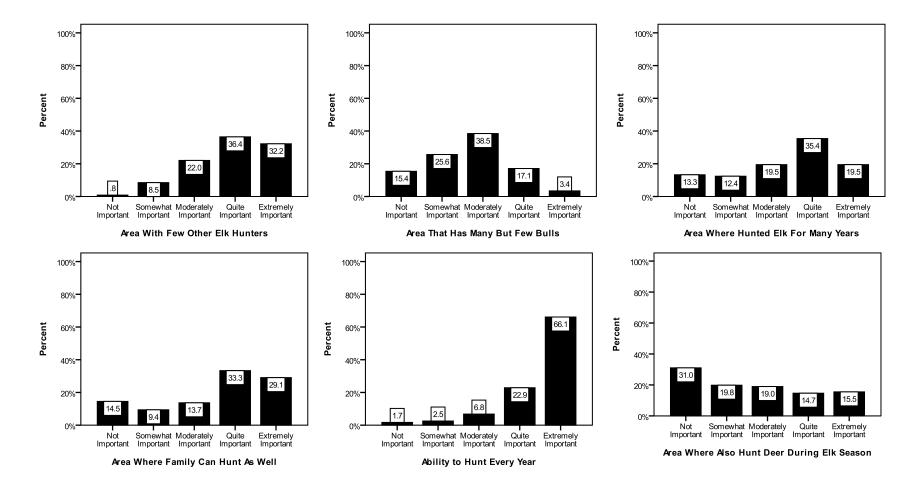
#### WHEN AND WHERE TO HUNT

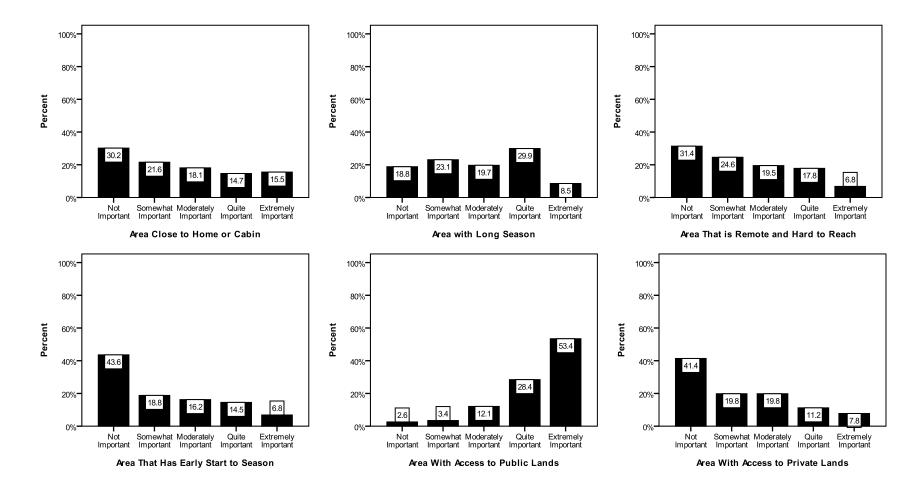
29. Each of the following characteristics may be things you consider when deciding where to hunt Elk in Idaho. How does each characteristic affect your choice of where to hunt Elk in Idaho?

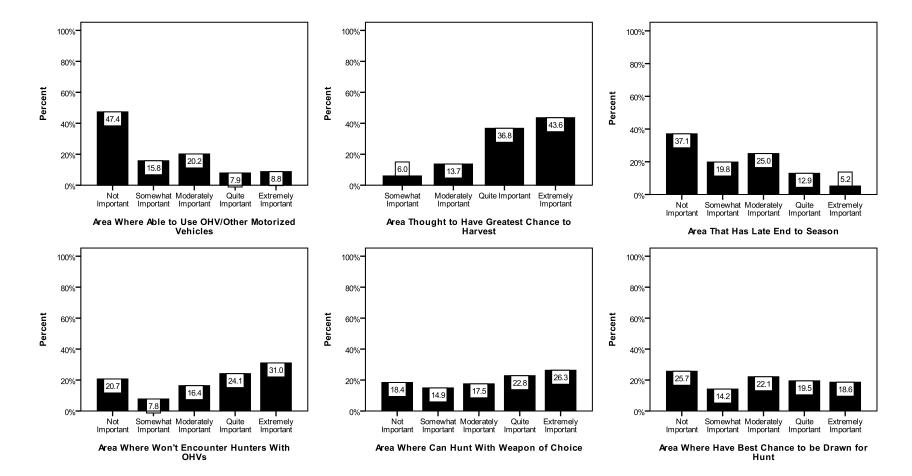


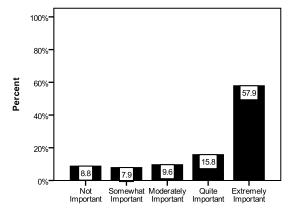
Q29: The distribution of responses between the Weiser zone and the state average are similar, with the top six characteristics being the same.

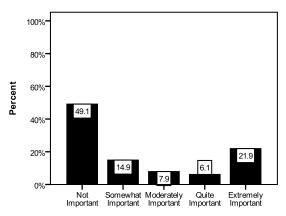
CHARACTERISTICS AFFECTING CHOICE OF WHERE TO HUNT IN IDAHO







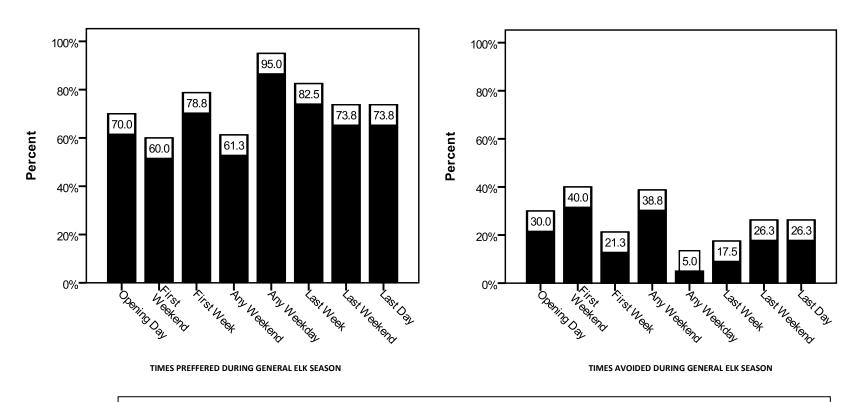




Area Where Wolves are Not Present

Area Where Can Also Hunt Wolves

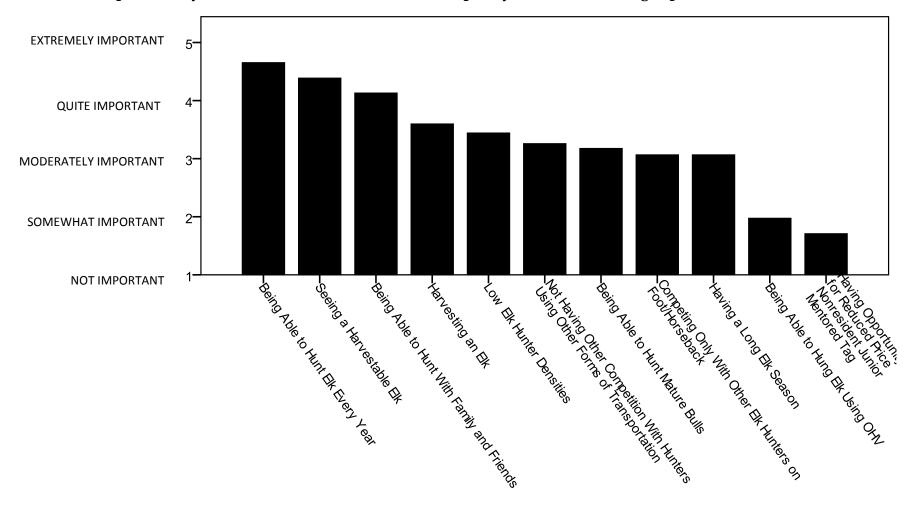
**30.** Are there any times during the general Elk hunting season in Idaho that you prefer or avoid? (*Please check as many as apply*)



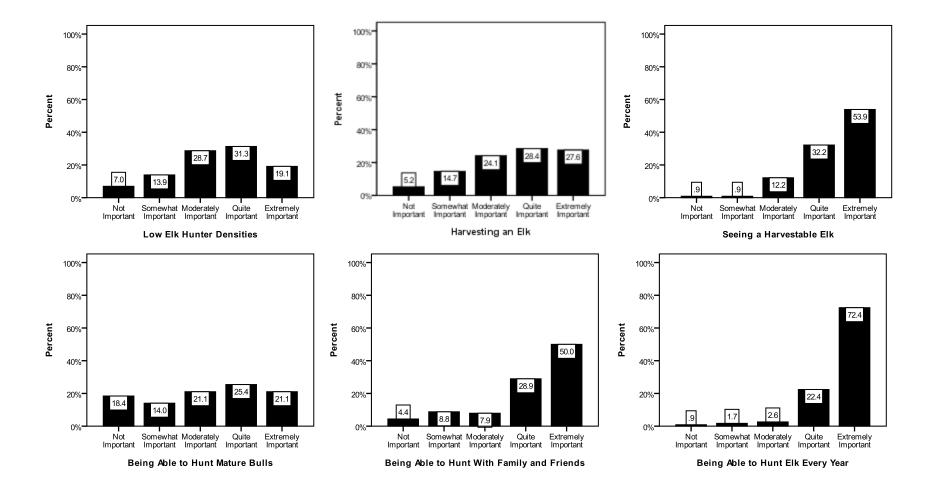
Q30: The preferences and distribution of responses between the Weiser zone and the state average are similar.

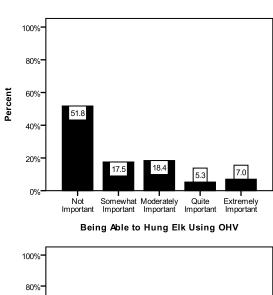
# ATTRIBUTES OF A QUALITY ELK HUNTING EXPERIENCE

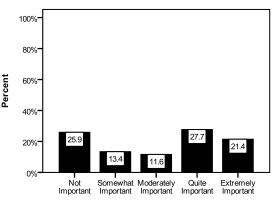
31. How important to you are each of these attributes for a quality Idaho Elk hunting experience?

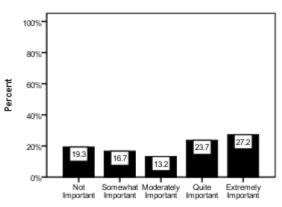


IMPORTANCE OF ATTRIBUTES FOR A QUALITY ELK HUNTING EXPERIENCE IN IDAHO



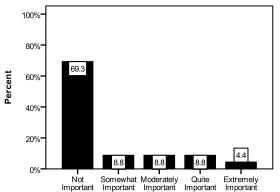


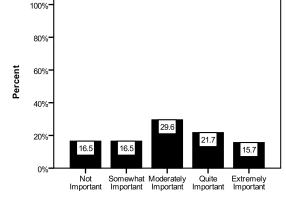




Competing Only With Other Elk Hunters on Foot/Horseback

Not Having Other Competition With Hunters Using Other Forms of Transportation





between the Weiser zone and the state average are similar, but respondents of the Weiser zone said low Elk hunter densities were more important to them than the state average.

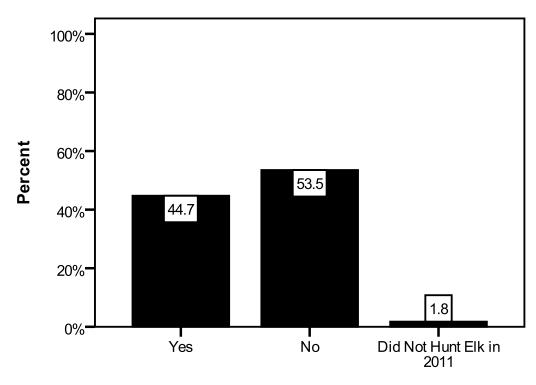
Q31: The distribution of responses

Having Opportunity for Reduced Price Nonresident Junior Mentored Tag

Having a Long Elk Season

## **HUNTING SATISFACTION**

33. Were there times during your 2011 Elk season when the numbers of other hunters seriously detracted from the quality of your hunting experience? (*Please check one response*)

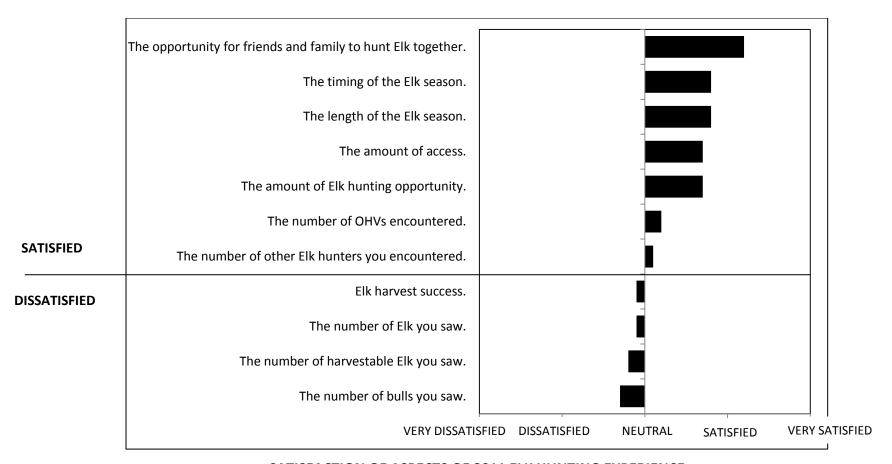


Q33: The distribution of responses between the Weiser zone and the state average are similar.

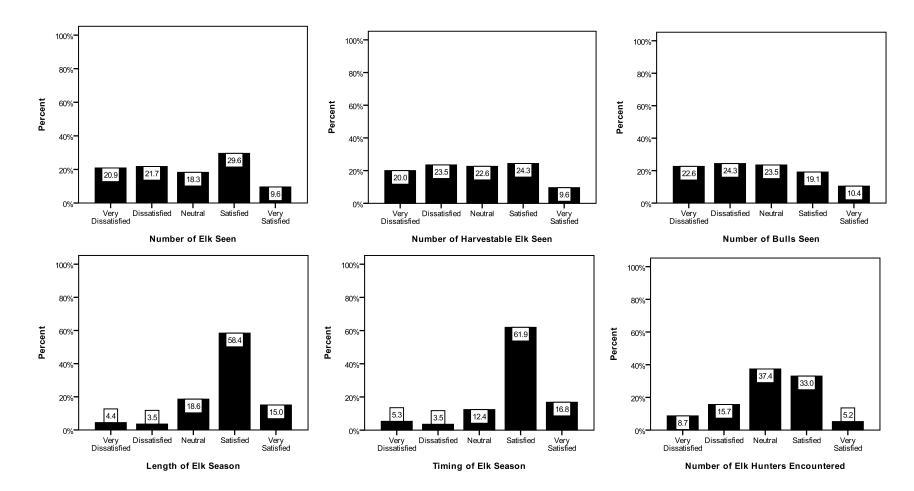
Number of Hunters Detracted From Quality of Experience

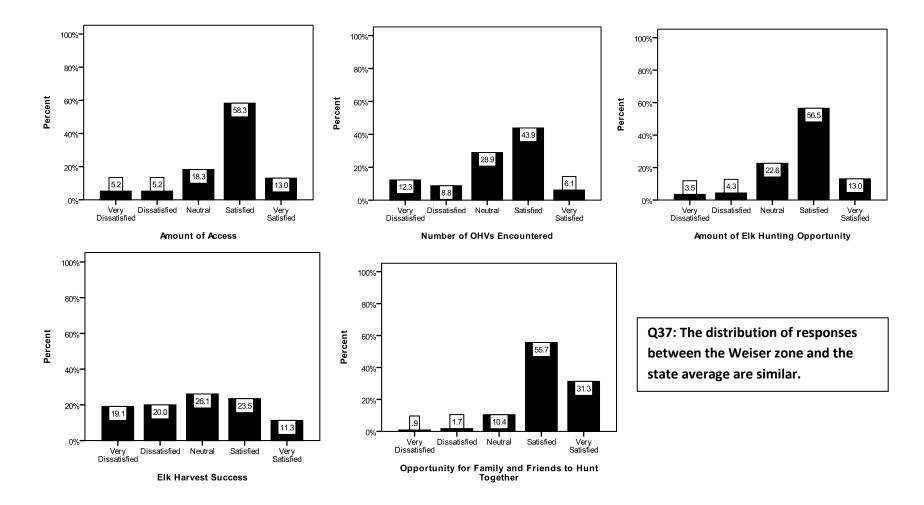
### Now, some questions about the satisfaction you experienced with Elk hunting in Idaho in 2011.

37. How satisfied were you with each of the following aspects of your 2011 Elk hunting experience?



SATISFACTION OF ASPECTS OF 2011 ELK HUNTING EXPERIENCE

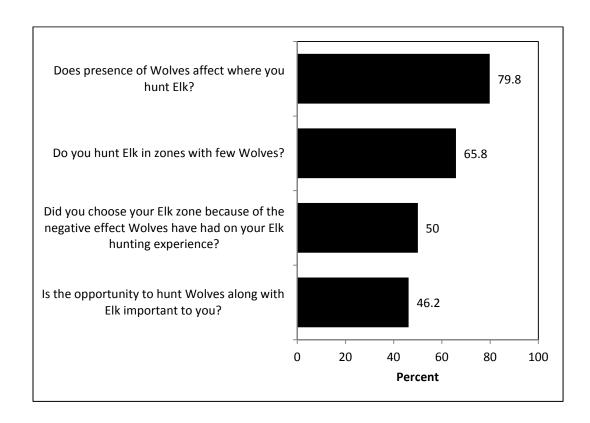




### **PERCEPTIONS OF PREDATORS**

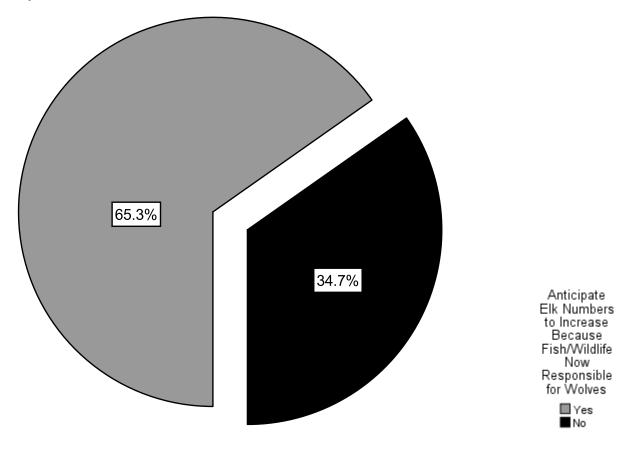
### Two questions about predators in Idaho.

**39.** How do Wolves affect your Idaho Elk hunting experience? (Please circle one response for each item)



Q39: More hunters in the Weiser zone hunt Elk in zones with few Wolves than the state average. They also find the opportunity to hunt Wolves along with Elk less important to them than other hunters in the state.

40. Do you anticipate Elk numbers to increase now that Idaho Fish and Game is responsible for managing wolves? (*Please check one response*)

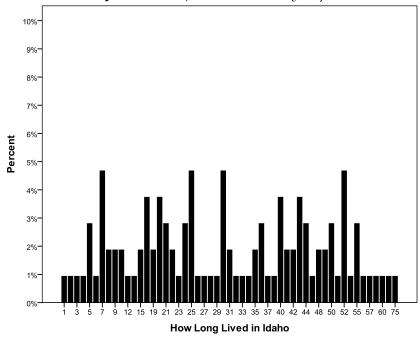


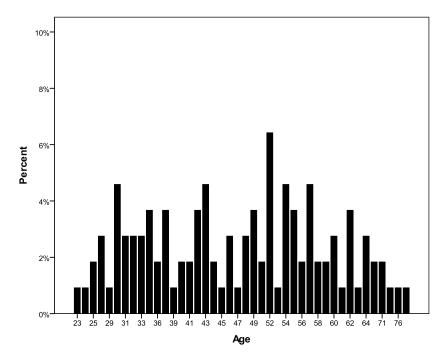
Q40: The distribution of responses between the Weiser zone and the state average are similar.

## **DEMOGRAPHICS**

### Finally, some questions about you!

- **42. How long have you lived in Idaho?** (*Please enter the number of years*)
- **43. When were you born?** (*Please enter the year*)





The distribution of responses between the Weiser zone and the state average are similar for both Q42 and Q43.