

The International Hunter Education Association

INTERNATIONAL HUNTER EDUCATION ASSOCIATION



SAFETY ISSUES RELATED TO HUNTING IN ELEVATED STANDS

Survey of Hunters in North Carolina and Vermont

Conducted By:

Responsive Management



In Conjunction with:

**The North Carolina Wildlife Resources Commission
The Vermont Fish and Wildlife Department**

August 2002

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INTRODUCTION

This study was conducted for the International Hunter Education Association in conjunction with the North Carolina Wildlife Resources Commission, the Vermont Fish and Wildlife Department, to gather data about elevated stand accidents. The study entailed a telephone survey of hunters in North Carolina and Vermont. In the study, 536 hunters from North Carolina were interviewed, and 520 hunters from Vermont were interviewed, for a total of 1,056 hunters. The survey was administered in July 2002.

OVERVIEW

Only a few hunters (7%) who use elevated hunting stands had actually experienced an accident, and only 22% of those who had experienced an accident had required any medical treatment.

Most hunters who had experienced an accident had not used a fall-restraint device. Typically, hunters who had experienced an accident had been climbing into or out of their elevated hunting stand when the accident occurred. Most elevated stand accidents occurred in daylight and in clear weather.

Most hunters had taken a hunter safety course, but roughly half the courses did not address elevated hunting stand safety. Although a strong majority of hunters indicated that they were concerned about elevated hunting stand safety, most hunters indicated that it was not likely they would be injured in an elevated stand accident. Most hunters who had been involved in an accident felt that they did not take as many precautions as they could have to prevent the accident.

Most elevated hunting stands that were in use at the time of an accident did not have a shooting or safety rail. In addition, most hunters who had been involved in an accident said that their elevated stand was not defective.

Most hunters who had been involved in an accident changed their hunting techniques after the accident.

A complete discussion of the survey results follows.

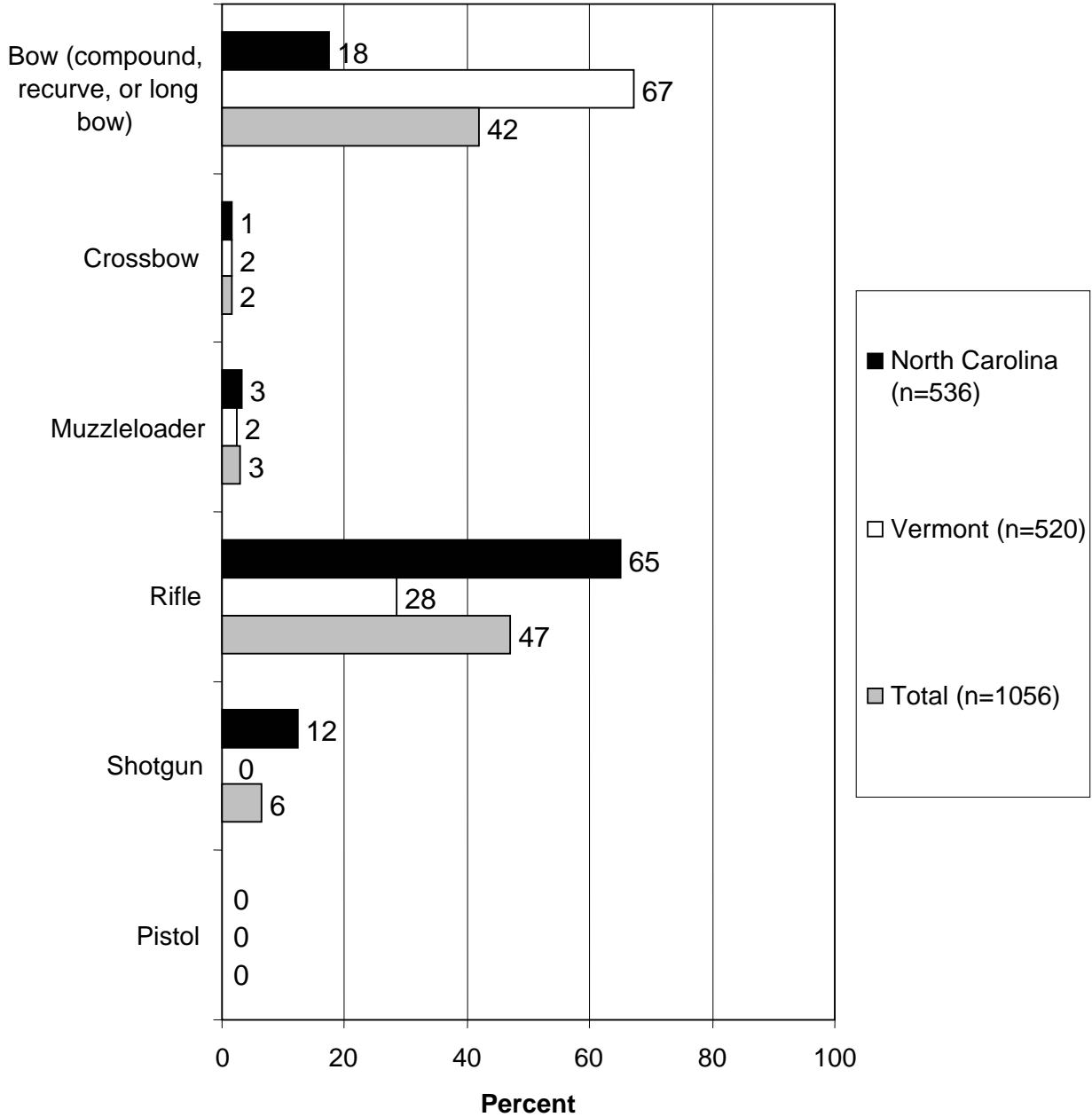
SURVEY RESULTS

TYPE OF FIREARM AND METHOD FOR GETTING IT INTO THE ELEVATED HUNTING STAND

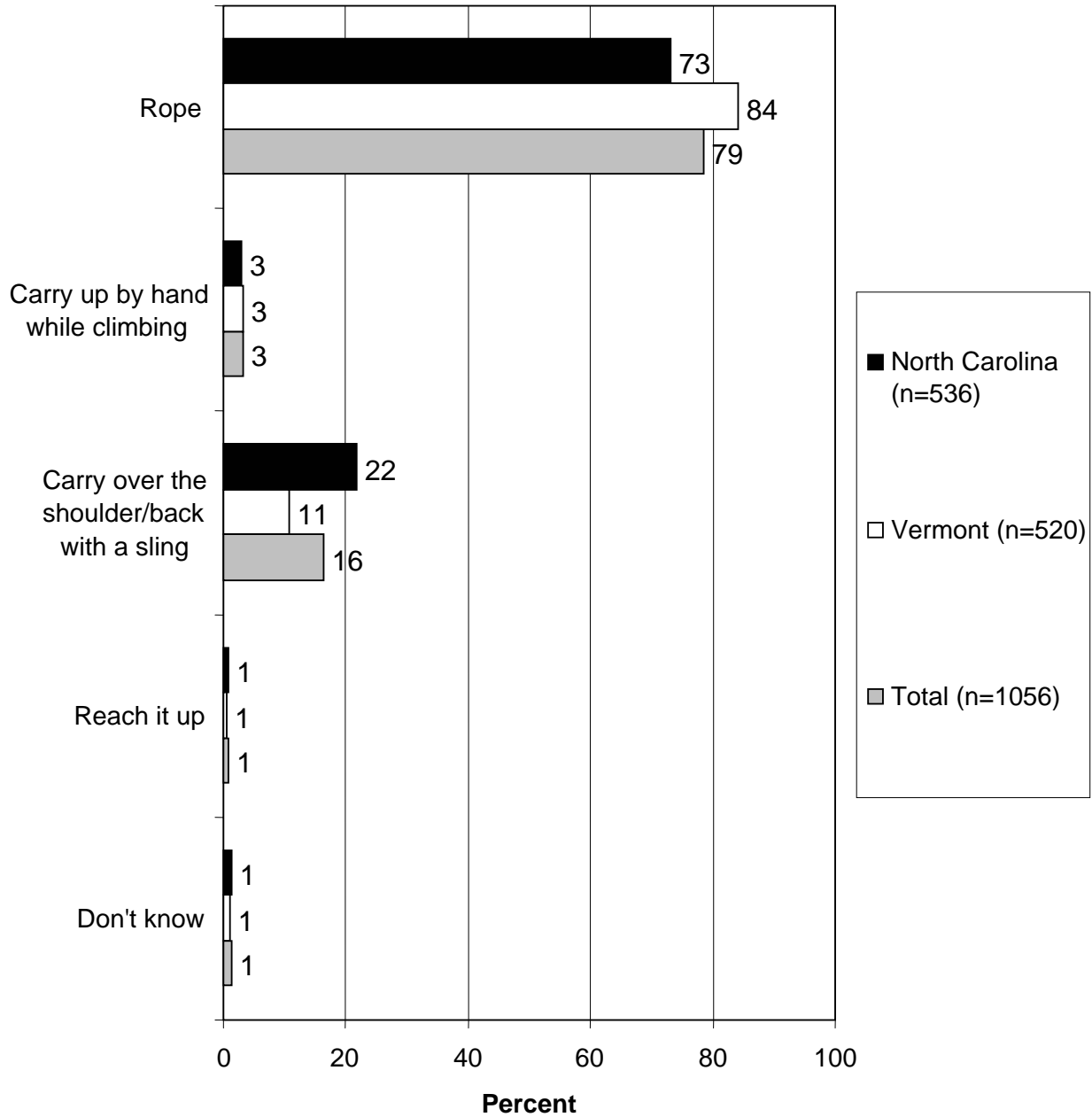
Q7. Most hunters use either a rifle (47%) or a bow (42%) to hunt from an elevated hunting stand, with North Carolina hunters slightly more likely to use a rifle, and Vermont hunters slightly more likely to use a bow.

Q8. Most hunters get their hunting equipment into the elevated hunting stand using a rope (79%), although many carry the firearm or bow over the shoulder or back with a sling (16%). Very few (3%) carry the firearm or bow by hand while climbing into the elevated hunting stand.

Q7. What type of hunting equipment do you use most often while hunting from an elevated hunting stand?



Q8. How do you get your equipment (bow, rifle, shotgun, etc.) into the elevated hunting stand most often?

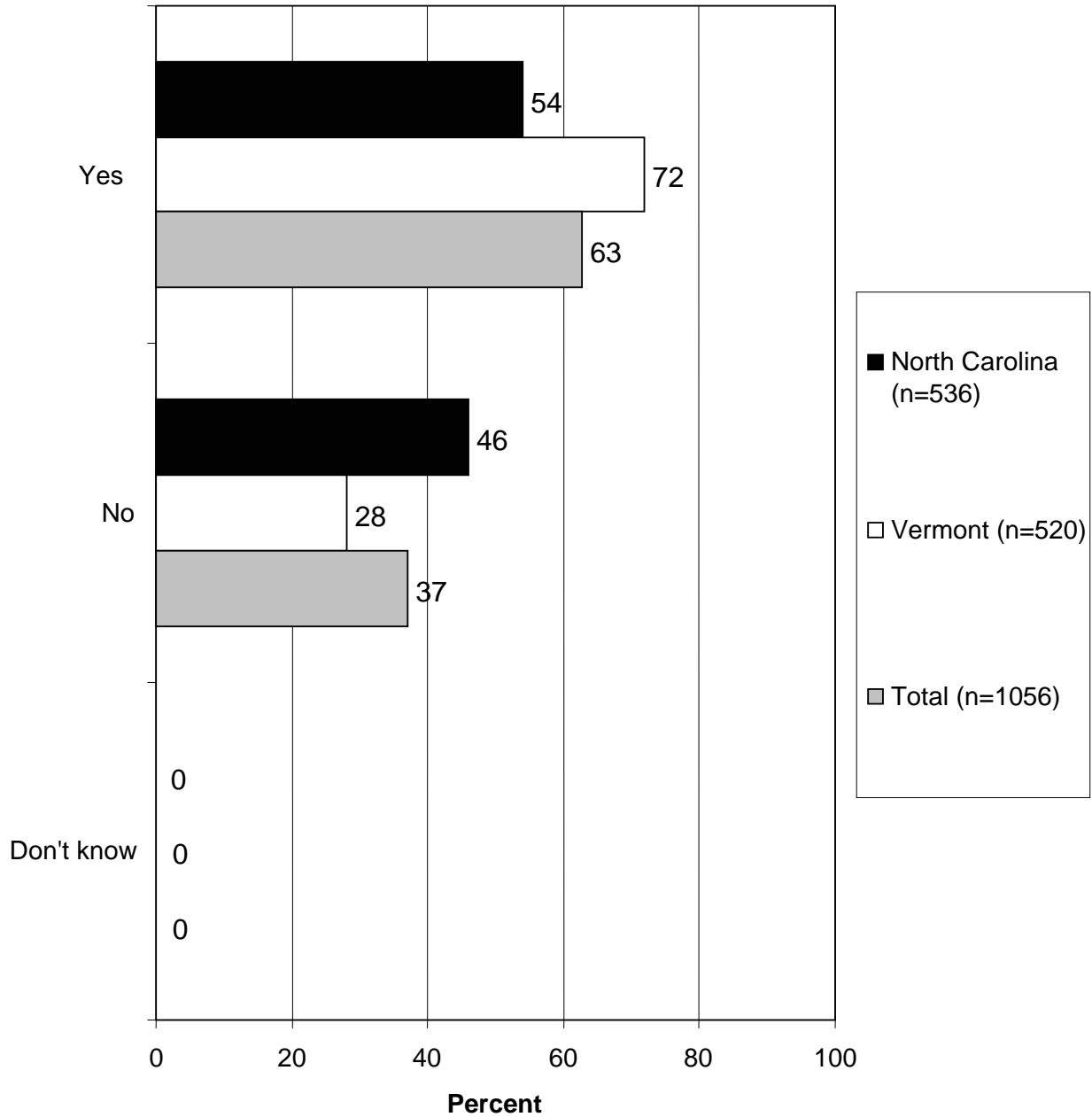


CERTIFICATION COURSES

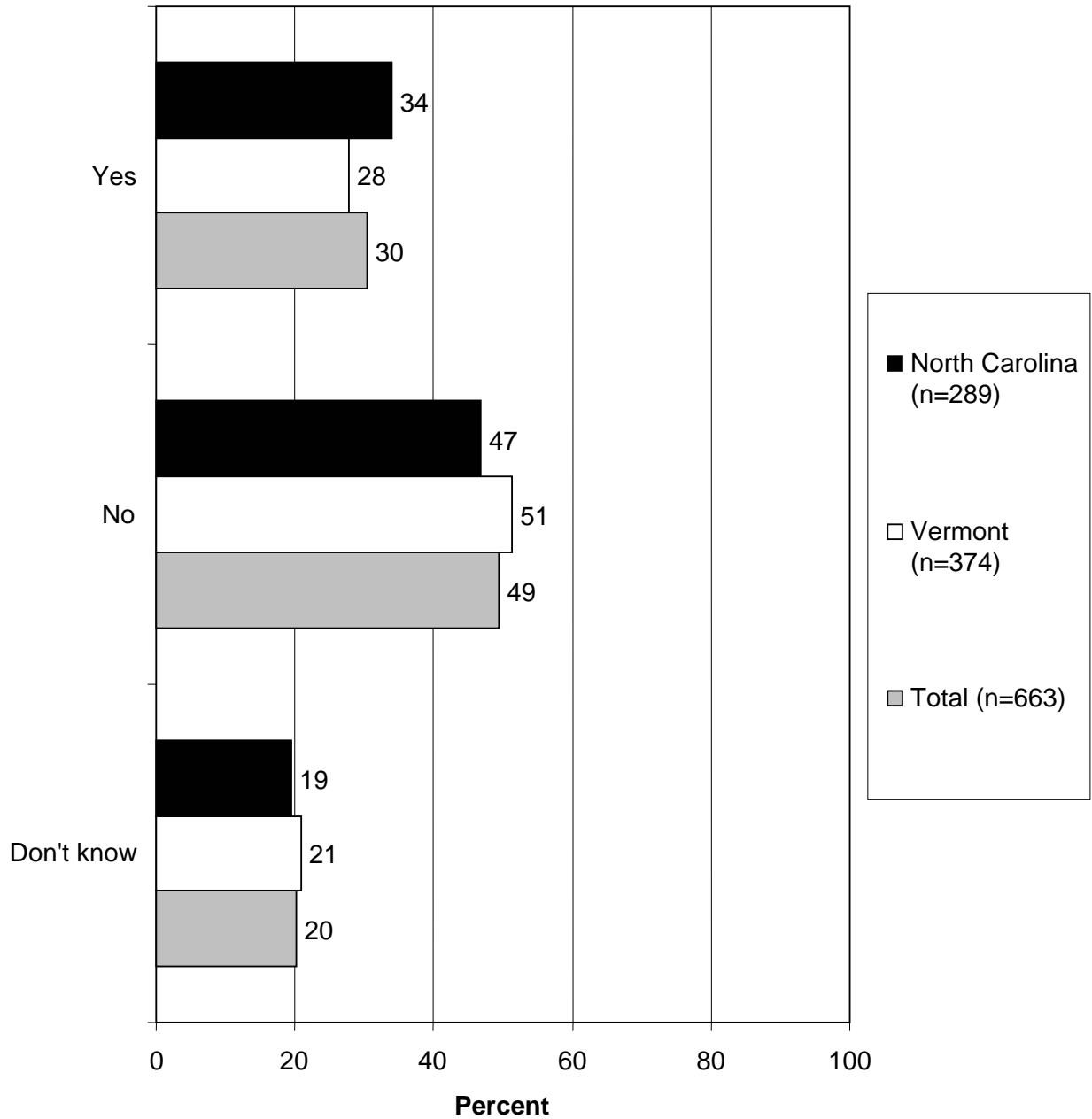
Q9. The survey indicated that 63% of hunters had taken a hunter certification course, with Vermont hunters having a higher rate of attendance than do North Carolina hunters (72% of Vermont hunters had taken a hunter certification course; 54% of North Carolina hunters had taken a course).

Q10. Of those who had taken a course, 49% indicated that the course did not include instructions on how to use an elevated hunting stand.

Q9. Have you ever taken a hunter safety certification course?



**Q10. In the hunter safety certification course you took, was there instruction on using an elevated hunting stand?
(Asked of those who took a hunter safety education course)**



CONCERN ABOUT ELEVATED HUNTING STAND SAFETY, REASONS FOR ACCIDENTS, AND PERCEIVED LIKELIHOOD THAT AN ACCIDENT WILL OCCUR

Q11. A large majority (80%) of those surveyed indicated that they were either somewhat or very concerned about elevated hunting stand safety while hunting from an elevated hunting stand.

There was no relationship [$\chi^2(6, n=1056) = 2.70, p = .85$] between the level of concern while hunting from an elevated hunting stand and having attended a hunter certification course. There also was not a significant relationship [$\chi^2(6, n=663) = 5.28, p = .51$] between concern and instruction at a certification course on using an elevated hunting stand.

Q13. When asked to name the main reasons they believed elevated stand hunting accidents occur, hunters said carelessness (57%), poor judgment (16%), lack of familiarity with equipment (13%), lack of sleep (11%), and equipment failure (11%).

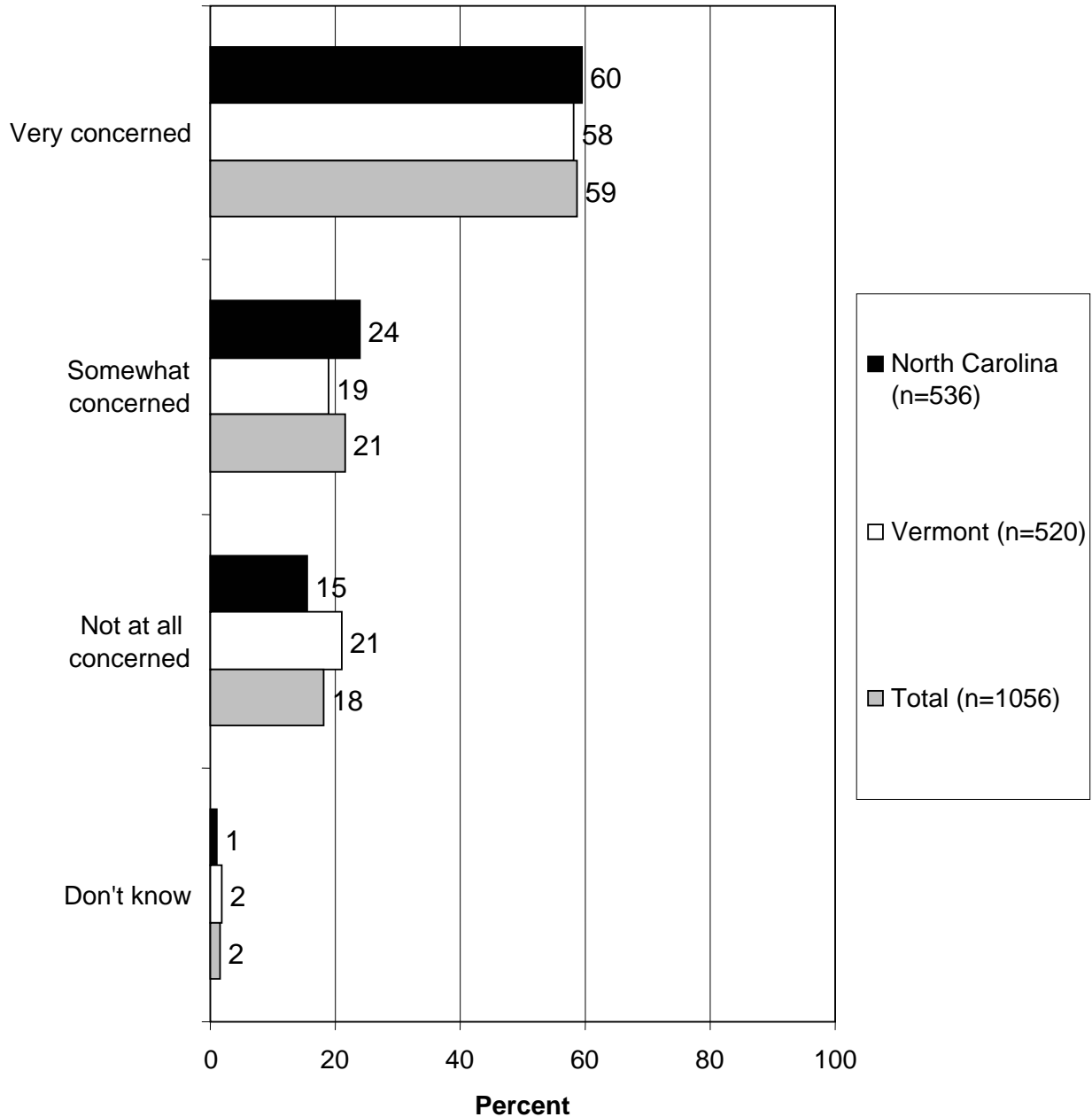
Q15. Over half (52%) of all respondents think that hunters practice unsafe behaviors or methods while elevated stand hunting because hunters believe an accident will not happen to them.

Q17. In follow up to the question about why hunters practice unsafe behaviors, the survey asked respondents to indicate the likelihood that they would be injured in a fall from an elevated hunting stand, and 79% indicated that they were not at all likely to be injured in a fall from an elevated hunting stand in the next 2 years.

It is of interest that 2% of all hunters indicated that they thought that it is very likely that they will be injured in a fall in the next 2 years, and 1.5% percent of all hunters *have* been injured in an elevated hunting stand (as defined by having an accident and needing some medical attention).

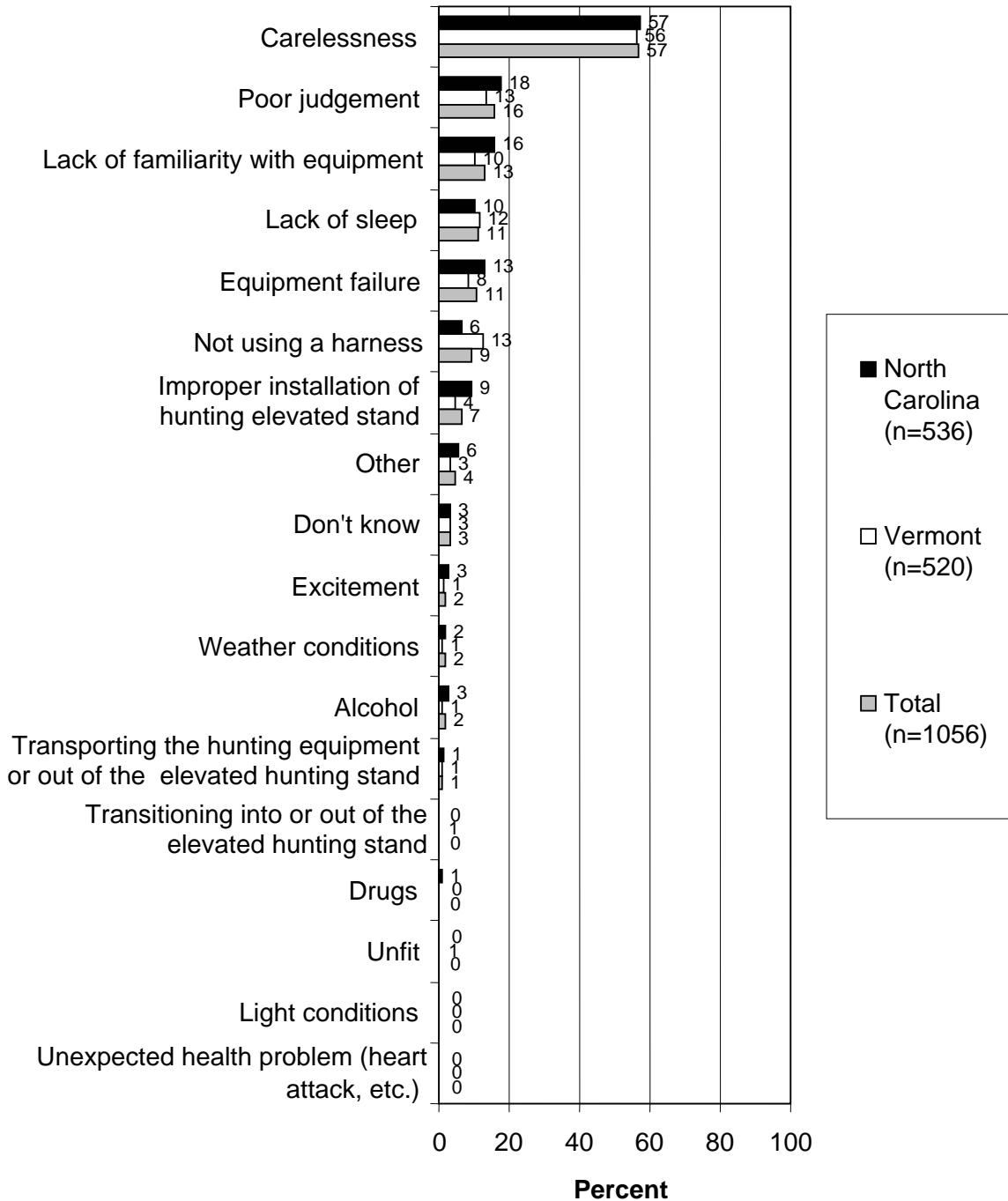
A reexamination of these data shows that there is no significant [$\chi^2(2, n=72) = .435, p = .804$] difference among those who *had* been injured and those who *had not* been injured in an accident in the past 10 years and their anticipation of being injured in future accidents. This would seem to indicate that a hunter's attitude about the likelihood of having future accidents is not swayed in an obvious manner by experiencing an actual accident.

Q11. How concerned are you with elevated hunting stand safety while hunting from a elevated stand? Would you say you are very concerned, somewhat concerned, or not at all concerned with elevated stand safety while hunting from an elevated stand?

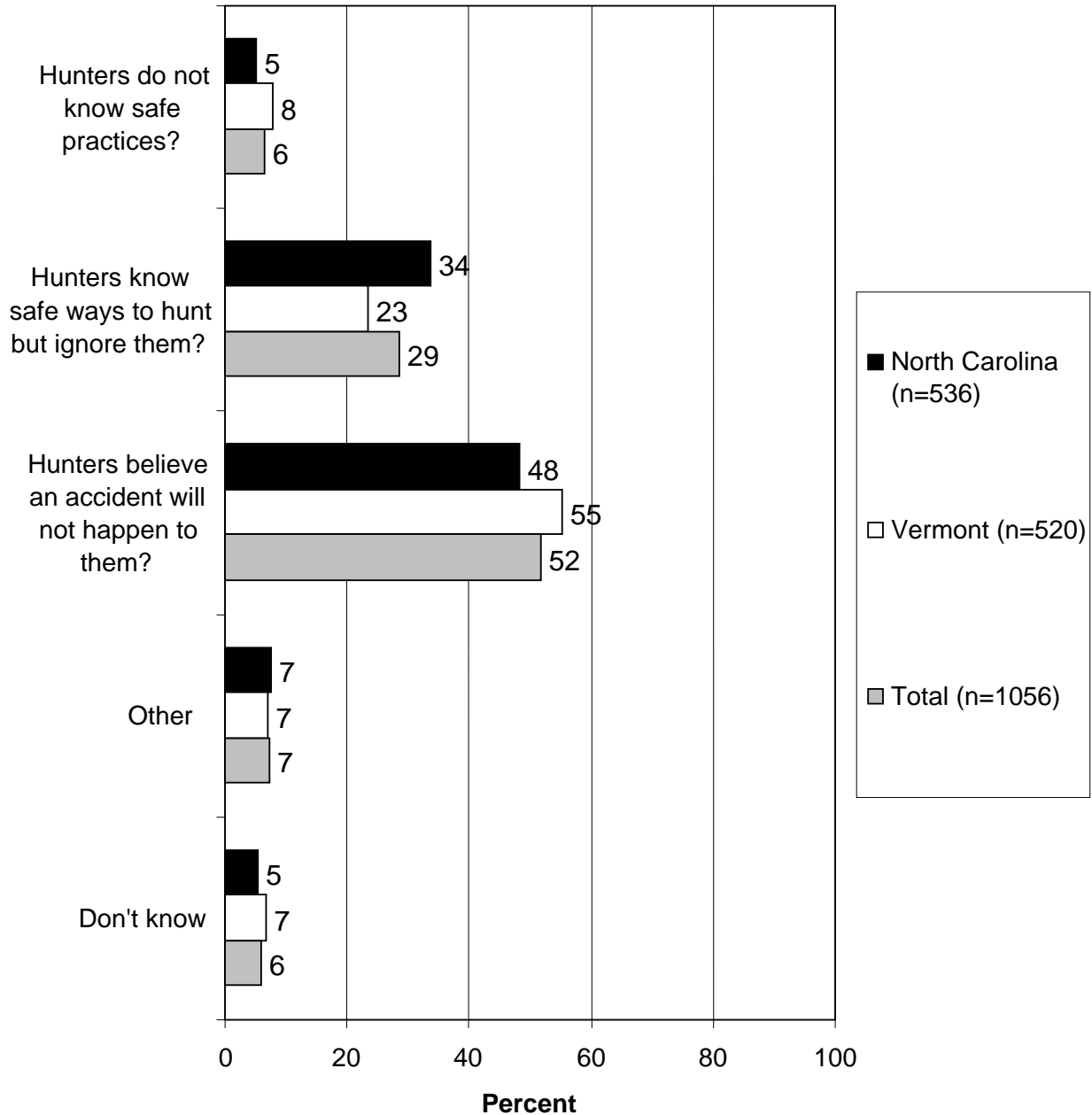


Q13. In your opinion, what are the main reasons for elevated stand hunting accidents?

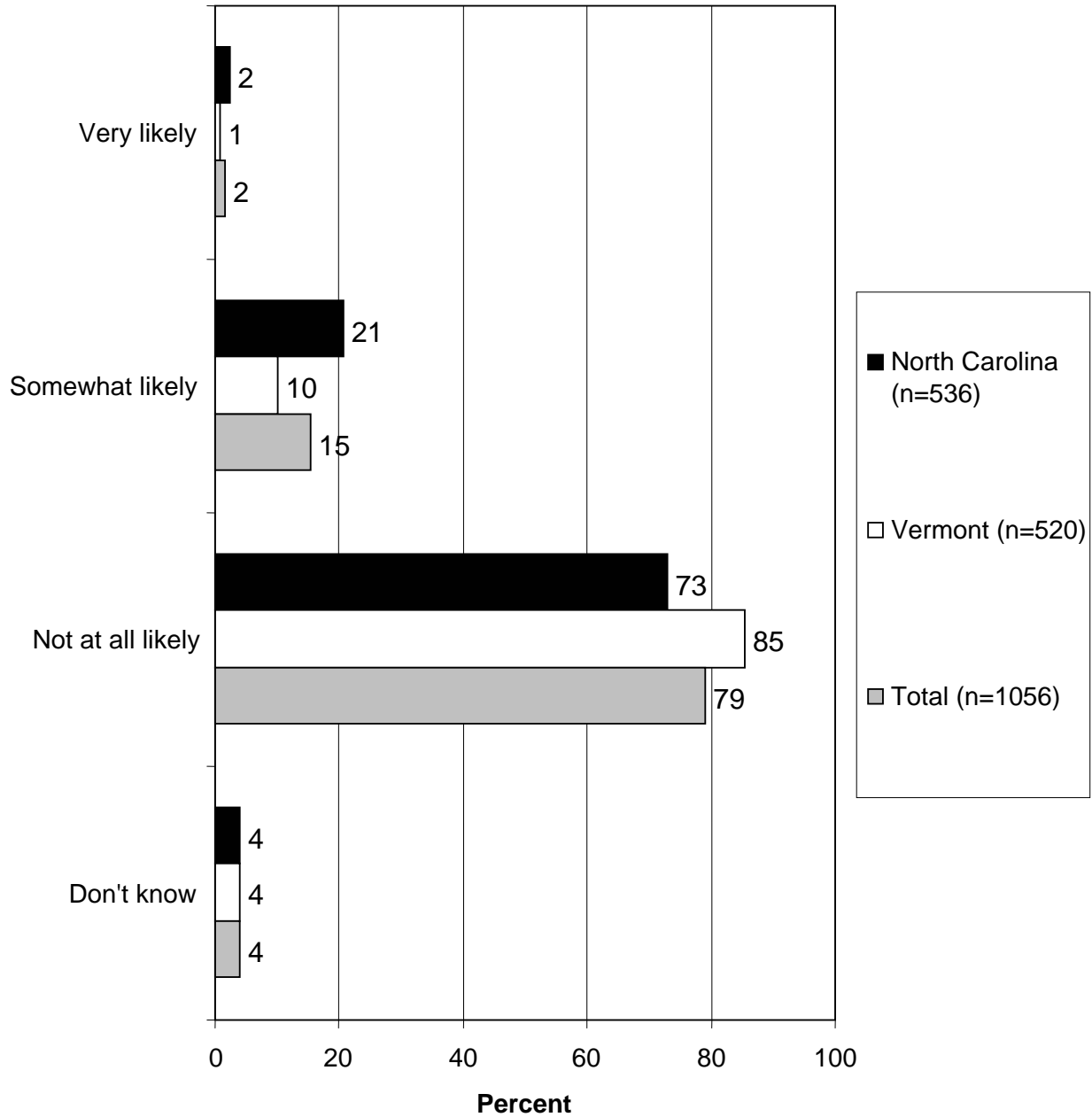
Multiple Responses Allowed



Q15. Why do you think some hunters practice unsafe behaviors or methods while elevated stand hunting? Do you think it is because...



Q17. How likely do you think it is that you will be injured in a fall while using an elevated hunting stand in the next 2 years?



ACCIDENT RATES

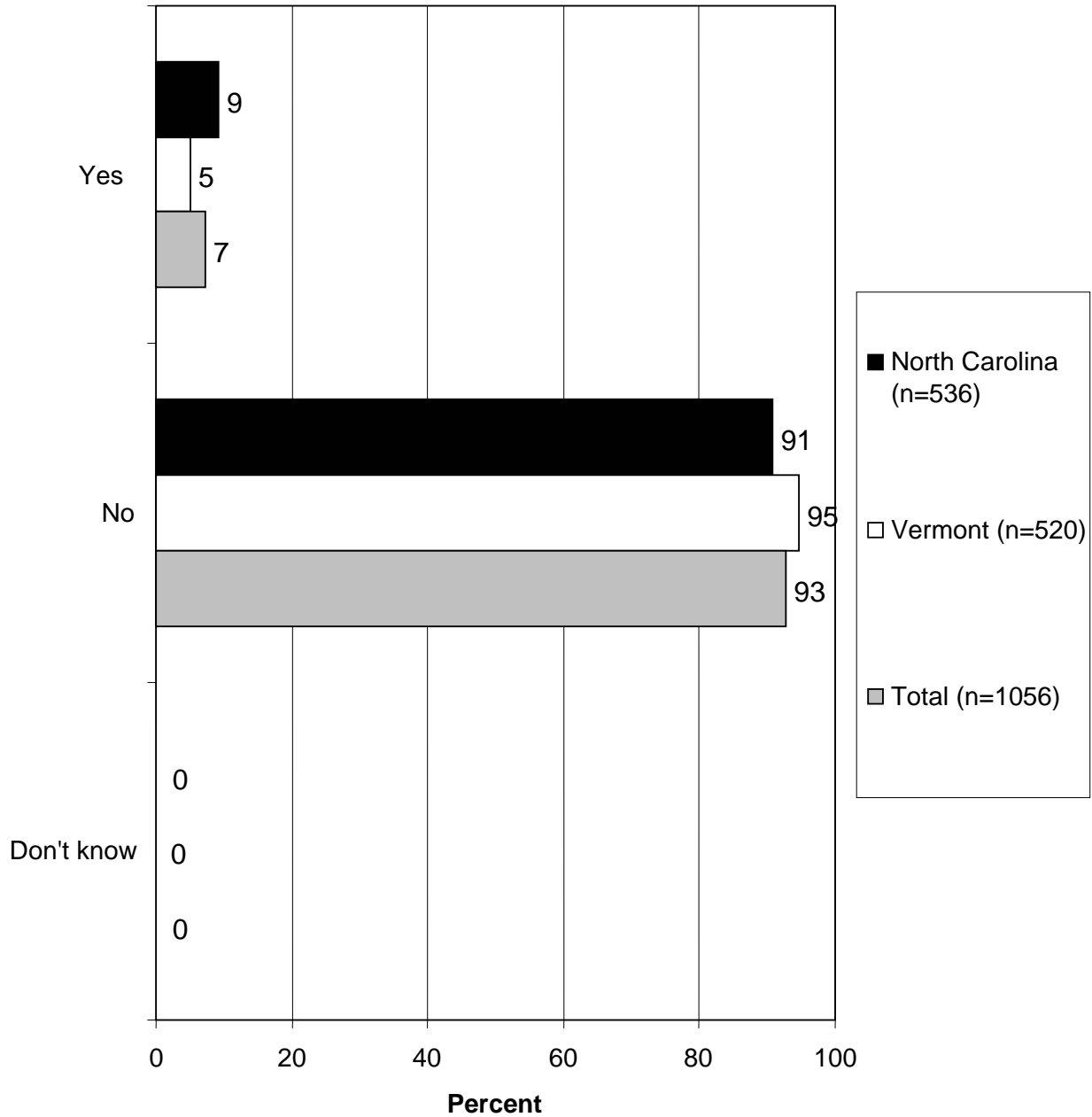
Q18. Few hunters (7%) had experienced an accident in an elevated hunting stand in the previous 10 years.

Q19. Of those 76 respondents who had experienced an accident in the previous 10 years, 8% (6 respondents) had experienced more than one accident in the previous 10 years.

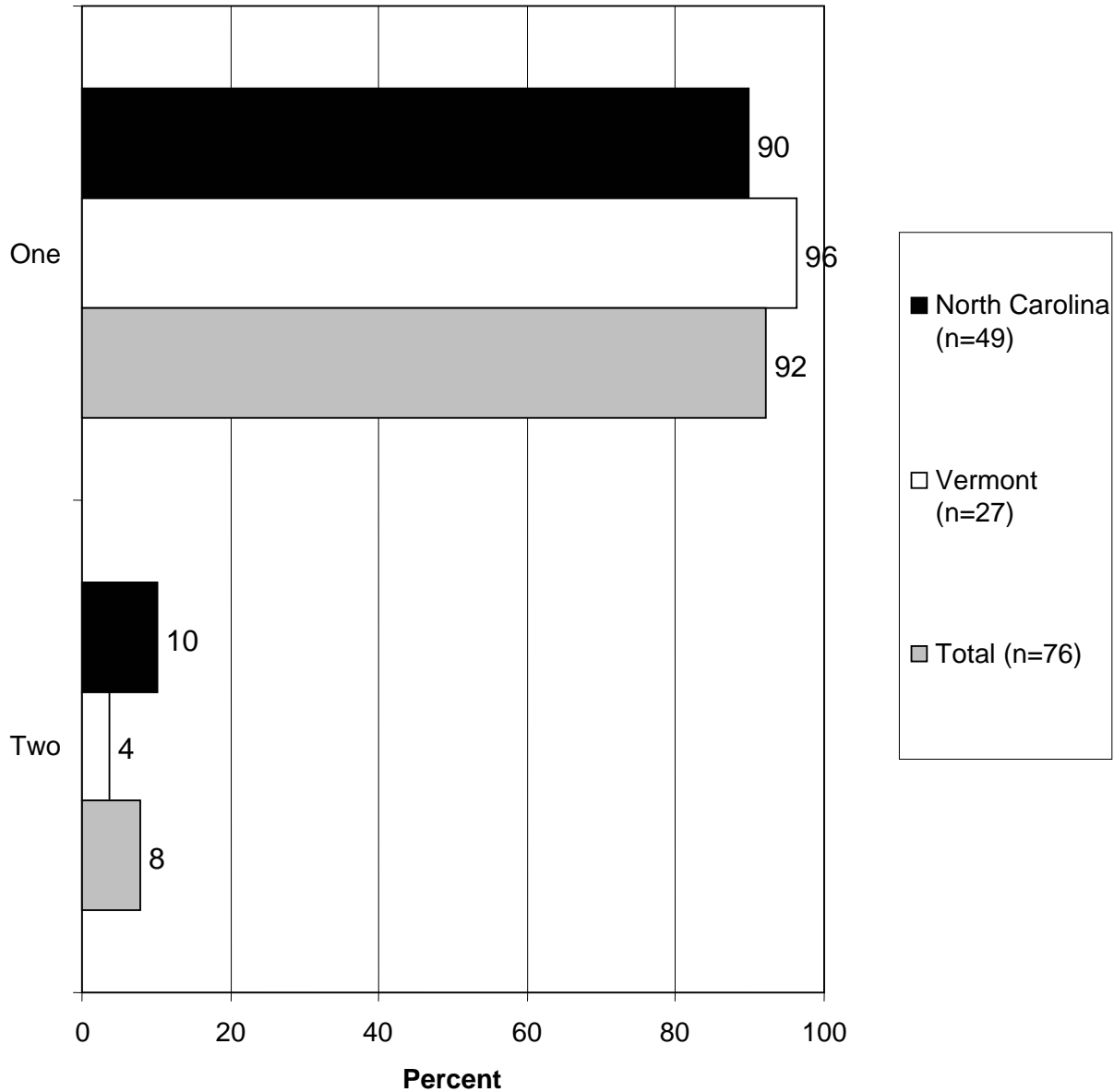
Q23. The years that the most recent accidents had occurred are shown, as well.

Q111. None of the accidents discussed in this survey had been investigated by a governmental agency.

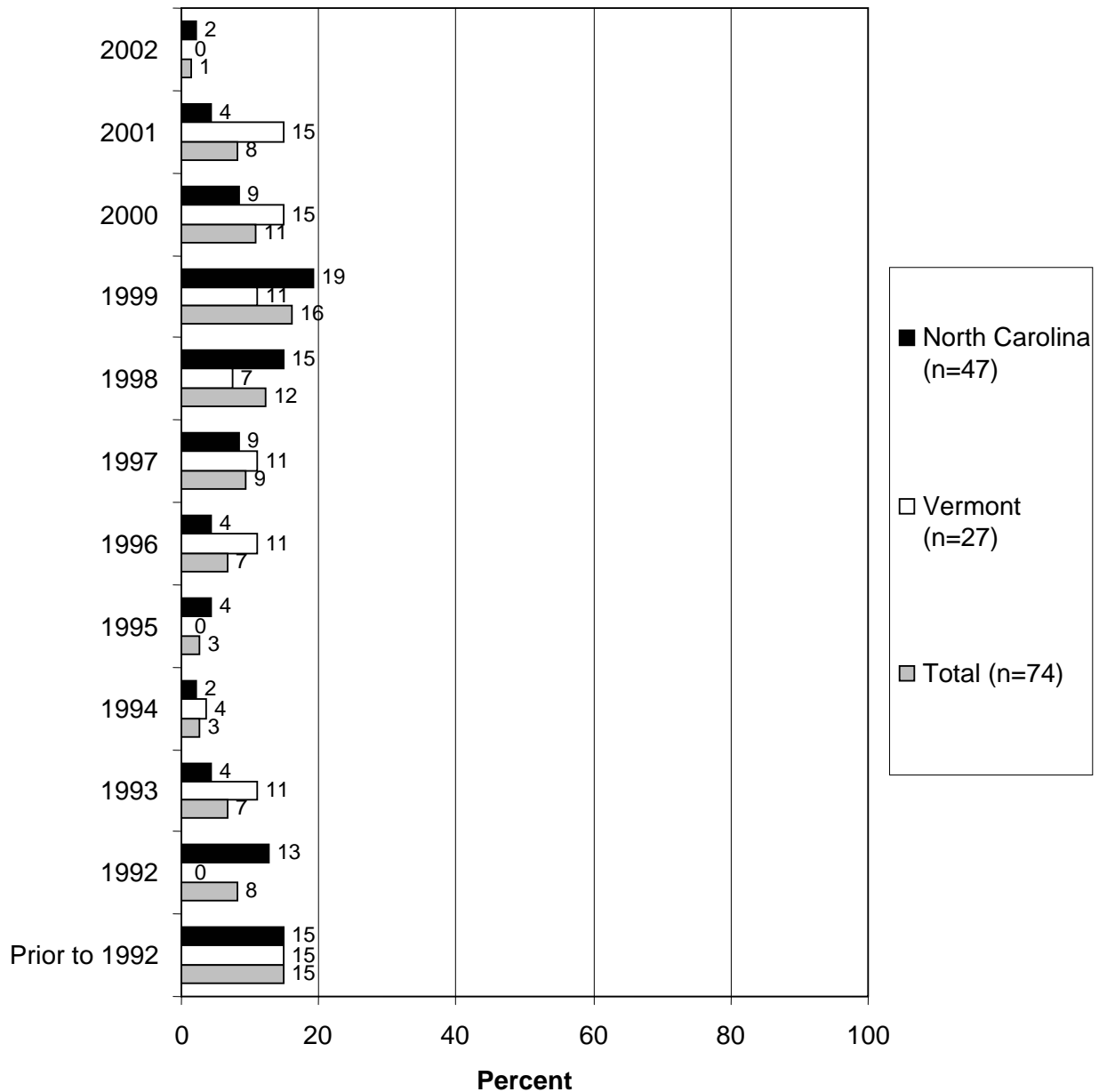
Q18. Have you experienced an accident in an elevated hunting stand within the past 10 years?



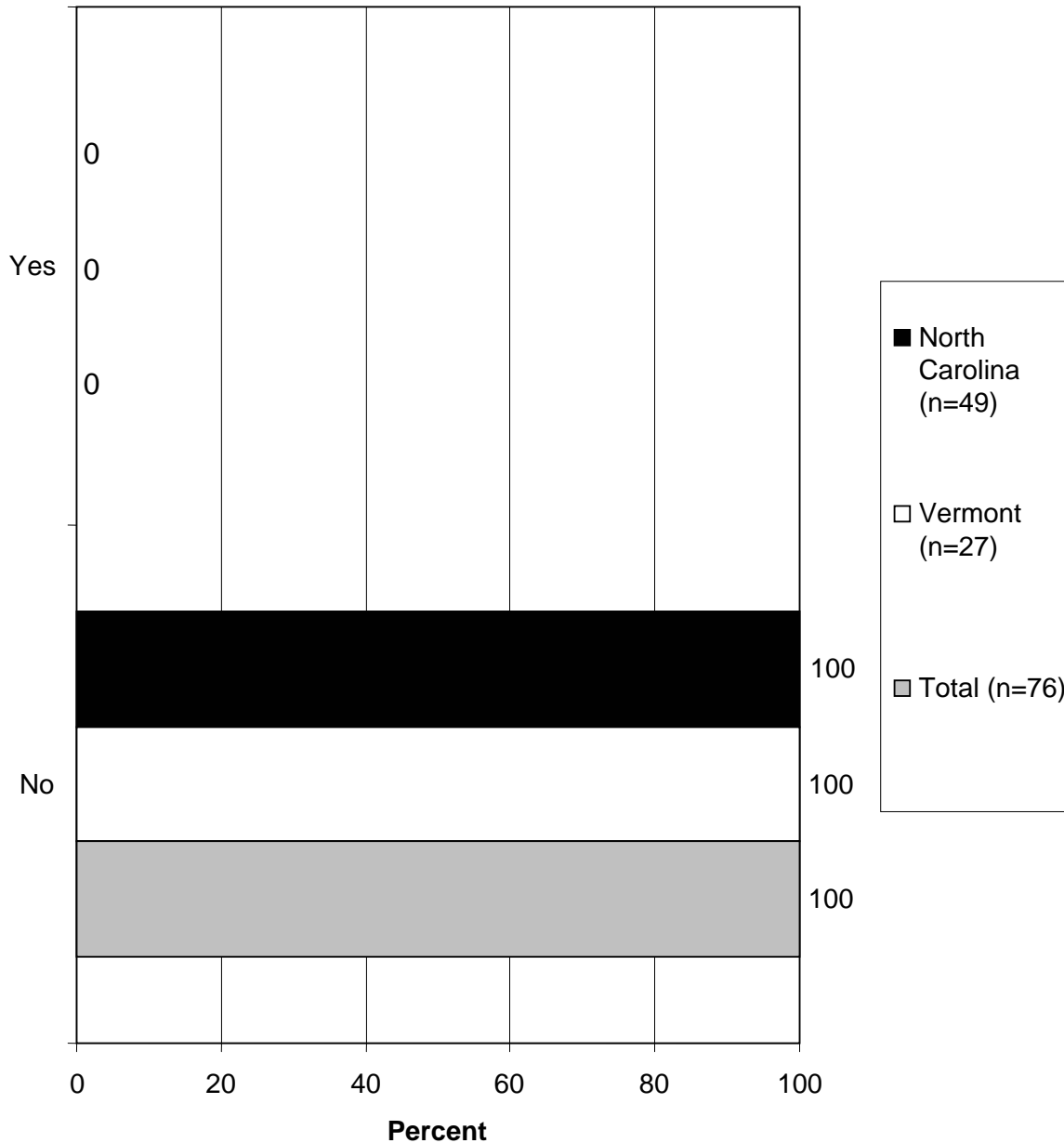
**Q19. What is the total number of accidents you've experienced in an elevated hunting stand within the past 10 years?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



**Q23. In what year did the most recent accident occur?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



**Q111. Was the most recent accident investigated by any governmental agency?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



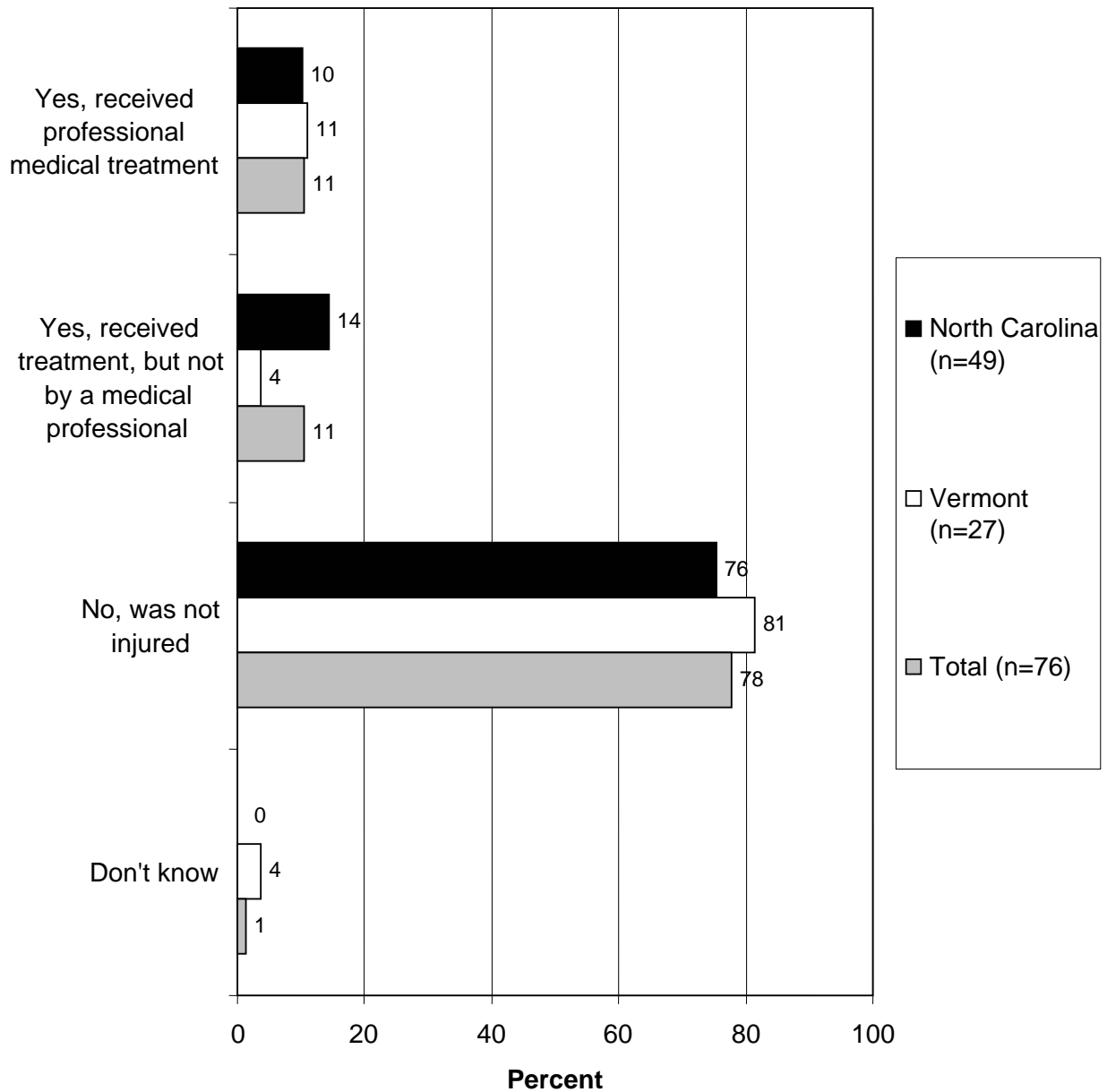
INJURIES AND COSTS

For Questions 22-116, respondents discussed their most recent accident, which for most was their only accident. Therefore, all statistics in the following section do not include the second accident that 6 hunters had experienced.

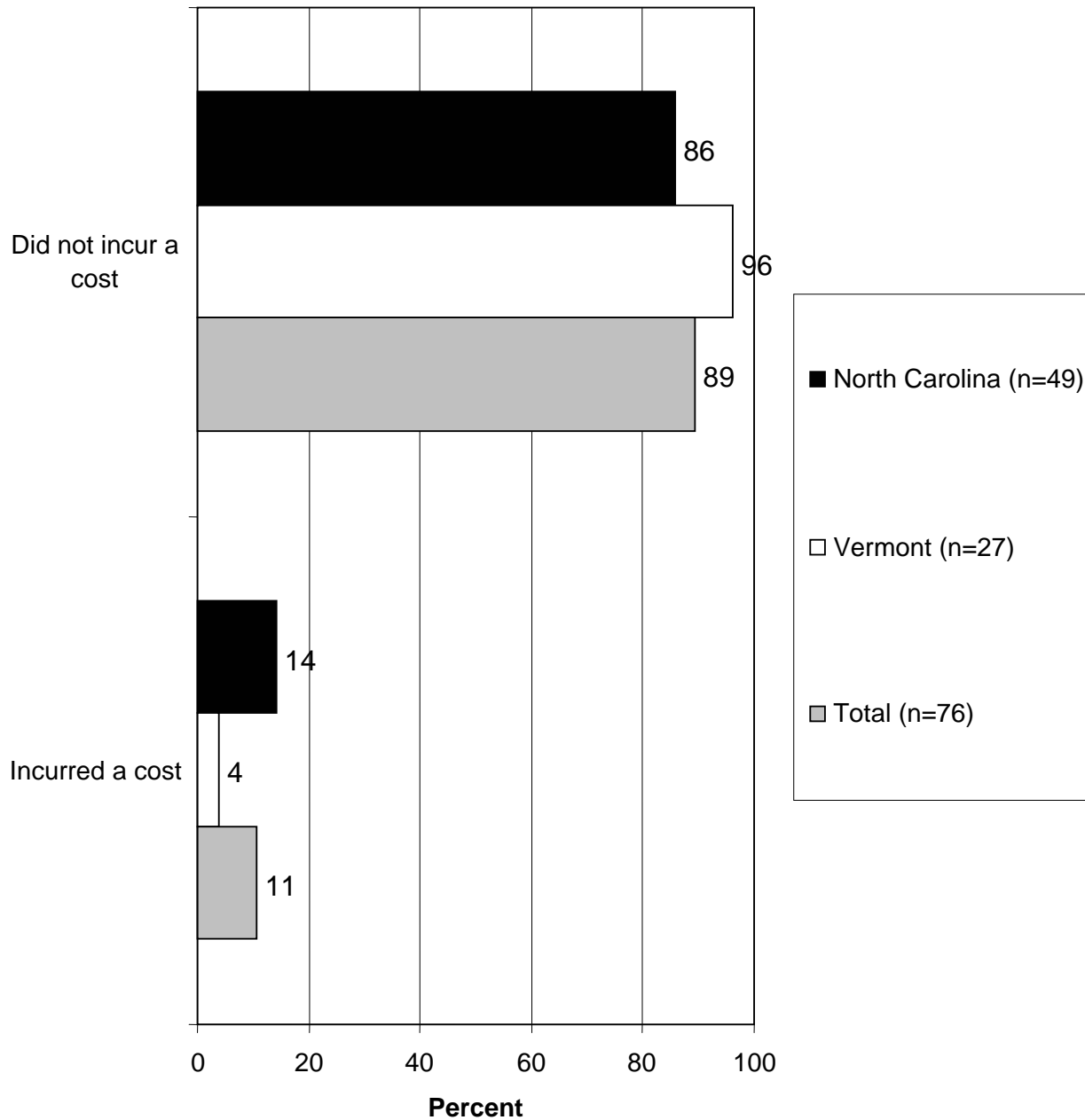
Q22. Fortunately, a large majority (78%) of those hunters who had been involved in an elevated hunting stand accident had not been injured. Only 22% had needed any type of medical attention as a result of their fall, with 11% having received treatment from a medical professional, and 11% having received treatment, but not from a medical professional. In terms of the entire sample, 1.5% of all hunters interviewed had experienced an elevated hunting stand accident *and* had needed medical attention.

Q42-Q44. Few hunters (11%) indicated that their accident had incurred a cost (medical costs, rehabilitative costs, or lost wages). Of those 8 respondents who had experienced an accident that incurred a cost, the mean total cost was \$7,506, broken down as follows: \$5,294 in medical costs, \$1,013 in rehabilitation costs, and \$1,200 in lost wages.

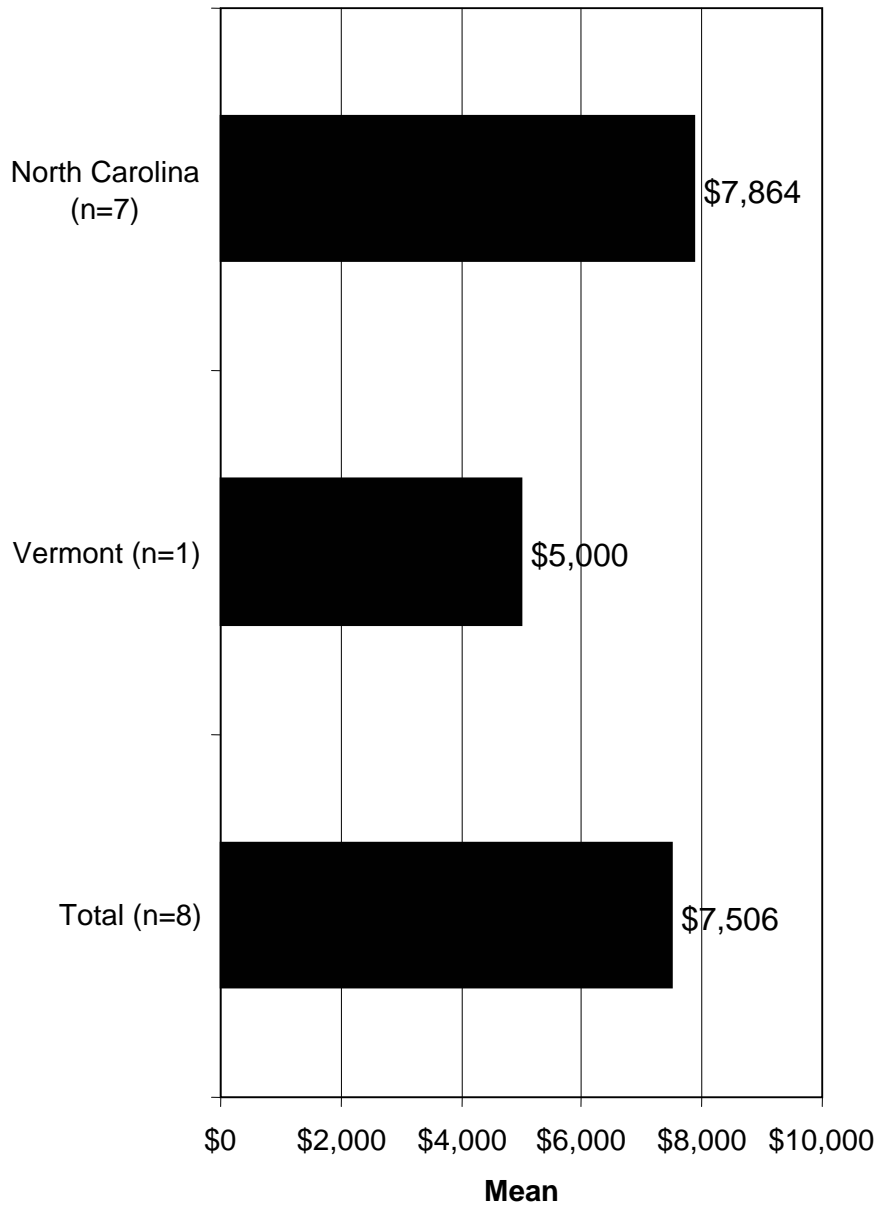
**Q22. Did the most recent accident require any professional medical treatment?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



**Accidents (most recent) that incurred any cost.
(Calculated for those who indicated that they had
experienced an elevated hunting stand accident in
the past 10 years)**



**Mean cost of those accidents (most recent) that incurred a cost.
(Calculated for those who indicated that they had experienced an elevated stand accident in the past 10 years that incurred a cost)**



CHARACTERISTICS OF ELEVATED HUNTING STANDS, HUNTING EQUIPMENT, AND ACTIONS AT TIME OF ACCIDENT

For Questions 22-116, respondents discussed their most recent accident, which for most was their only accident. Therefore, all statistics in the following section do not include the second accident that 6 hunters had experienced.

Q46. Most accidents occurred while the hunter was using either a climbing (43%) or fixed position (34%) elevated stand. Ladder elevated stands accounted for 18% of the accidents reported in the survey, and tripod or quad elevated stands accounted for only 4% of accidents.

Q24. The hunting equipment most respondents indicated that they had been using at the time of the accident was a bow (54%) followed by a rifle (25%), with a large variation among states. Among North Carolina hunters, 39% had been using a rifle and 35% had been using a bow when the accident occurred; among Vermont hunters, 89% had been using a bow at the time of the accident, and 0% had been using a rifle (the next most given answer among Vermont hunters was muzzleloader, at 7%).

Q25. Most hunters had not used a fall-restraint device of any sort (58%) when the accident occurred. Q27 and Q28. Additionally, 78% had not used a fall-restraint device while climbing into the elevated hunting stand, and 51% had not used a fall-restraint device while in the elevated hunting stand.

There was not a significant relationship between the use of a restraint on the day of the accident and the necessity for medical attention [$\chi^2(1, n=75) = .985, p = .321$]. There was also no

relationship between the necessity for medical attention and the use of a restraint while climbing into the stand [$\chi^2(1, n=74) = .44, p = .507$], nor was there a relationship between the necessity for professional medical attention and the use of a restraint while in the stand [$\chi^2(2, n=75) = .648, p = .723$].

Q33. Hunters who had experienced an elevated hunting stand accident indicated that they had been climbing into hunting position (32%) or getting down from the elevated stand (29%). Looking at the same data in a different manner shows that 36% of the accidents happened while the hunter was transitioning into the elevated hunting stand, and 38% percent of the accidents happened while the hunter was transitioning out of the elevated hunting stand. In total, 74% of all elevated hunting stand accidents reported by the hunters in this study occurred while transitioning into or out of the elevated hunting stand, not while already in the stand, while setting up the stand, or doing anything else (Q36, in fact, no accidents occurred while the hunter was shooting at game).

Q60, Q78, Q95, and Q109. Hunters who had experienced accidents named the reasons that may have contributed to their accidents (there is a separate graph for each type of elevated stand). Carelessness and lack of sleep were two important reasons; however, most respondents indicated that none of the reasons listed were contributing factors to the accident.

Q40. The survey asked those who had experienced an accident about the direct causes of their injury. Of those, 24% said that they fell onto the ground, 13% said they were caught on the steps

while falling, 1% said they were injured by the safety harness or belt, and 29% answered “other” when asked to describe the direct cause of their injury.

Q45. Most accidents (53%) occurred while the elevated hunting stand was at a height of between 6 and 15 feet from the ground. Stand height also did not appear to be related to severity of injury, whether looking at the need for professional medical attention ($\underline{M}=16.75$, $\underline{SD}=8.35$) versus lack of need for attention ($\underline{M}=13.24$, $\underline{SD}=7.36$) as the independent variable and testing for differences in the heights (using the means-by-midpoint method) [$F(1,74) = 1.582$, $p = .212$] or whether examining the same data as relationship between heights and total amount of money spent on the injury ($r(76) = -.024$, $p = .836$).

All data regarding stand construction, stand defects, presence or absence of a safety or shooting rail, types of stand attachments, and hunters’ heights, weights, and ages have been summarized across all types of elevated stands.

Q53, Q69, Q86, and Q103. Most elevated stands (70%) that were used by the 76 hunters who had been involved in an elevated hunting stand accident in the past 10 years did *not* have a safety or shooting rail. Hunters who had been involved in a fall from an elevated hunting stand indicated that a significantly [$\chi^2(1, n=72) = 5.696$, $p < .05$] greater proportion of manufactured stands (80%) did not have a shooting rail compared to homemade stands (52%).

Q47, Q62, Q80, and Q97. Most elevated hunting stands used by hunters who had an accident in the past 10 years were manufactured (68%) and were metal (60%). Additionally, 51% of the elevated stands were both manufactured *and* metal.

Q49, Q65, Q82, and Q99. Most hunters (79%) who had been in an elevated hunting stand accident in the past 10 years, indicated that their elevated stand had *not* been defective at the time of the accident.

Q51. Three hunters had been involved in an accident while hunting from a defective ladder elevated hunting stand, with the cause being that a step broke, the brace to the tree gave way, or the attachment of the platform broke.

Q64. The types of fixed position elevated hunting stands that had been involved in an accident were broken down as follows: 27% were permanent, and 73% were portable or hang-on type.

Q67. Six hunters had been involved in an accident while hunting from a defective fixed position elevated hunting stand, with the cause being that a step broke, the brace to the tree gave way, the attachment of the platform broke, or the shooting rail broke.

Q72. Of those 26 respondents who had been involved in an elevated hunting stand accident and had been using a fixed position elevated hunting stand, 54% of the hunters used screw in steps, 15% used wooden steps, and 19% used tree limbs to access the stand.

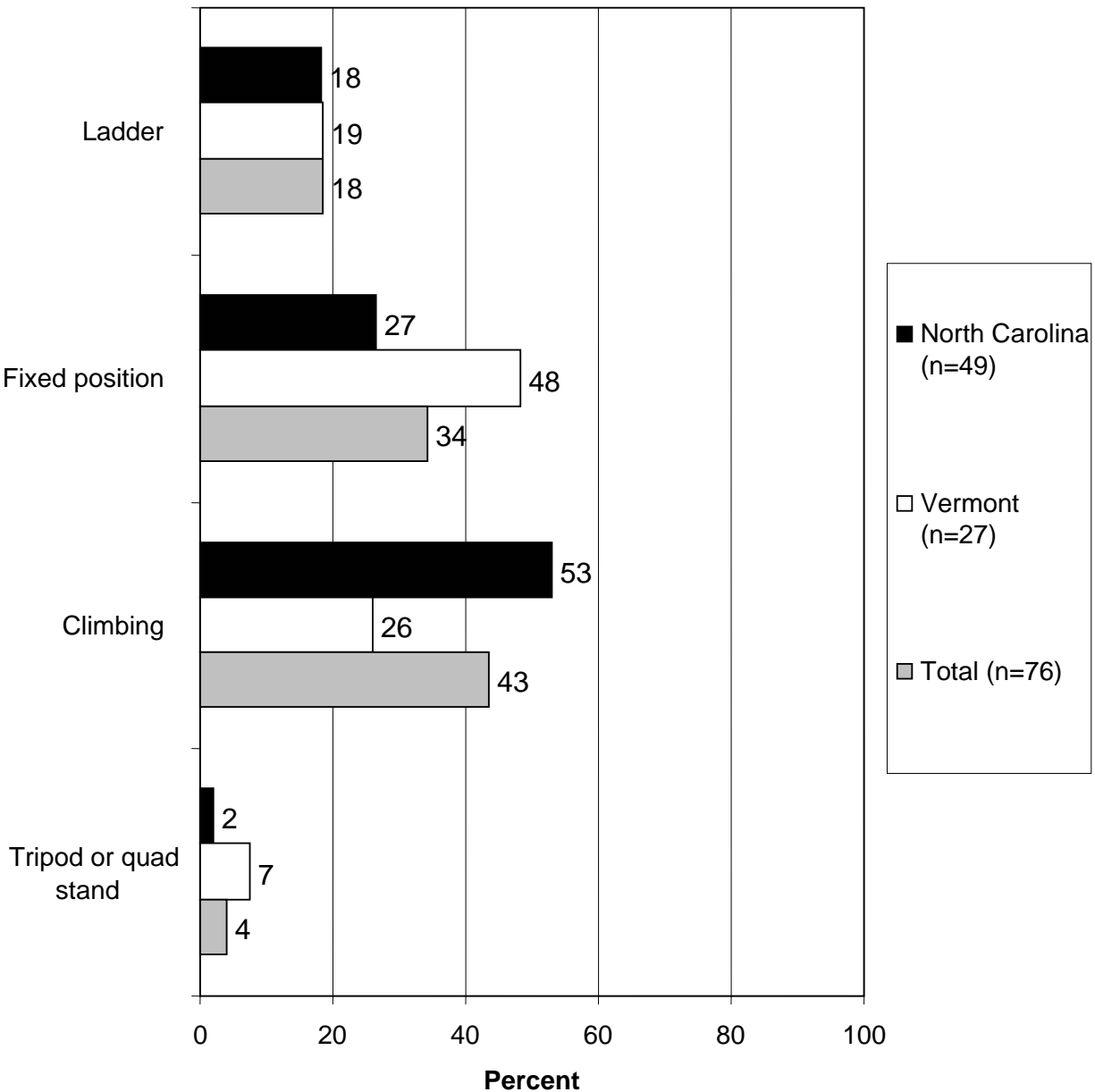
Q84. Six hunters, all from North Carolina, had been involved in an accident while hunting from a defective climbing elevated hunting stand, with the stated causes being that the attachment of the platform broke, the foot climber broke, the safety keys came out of position, or that the stand was too heavy and pulled away from the tree (i.e., faulty design).

Q89. Of those who had been in an accident involving a climbing elevated hunting stand, 42% indicated that the accident occurred while they were climbing up the tree, and 33% indicated that they were climbing down the tree when the accident occurred. Only 9% said that they were in shooting position when the accident occurred.

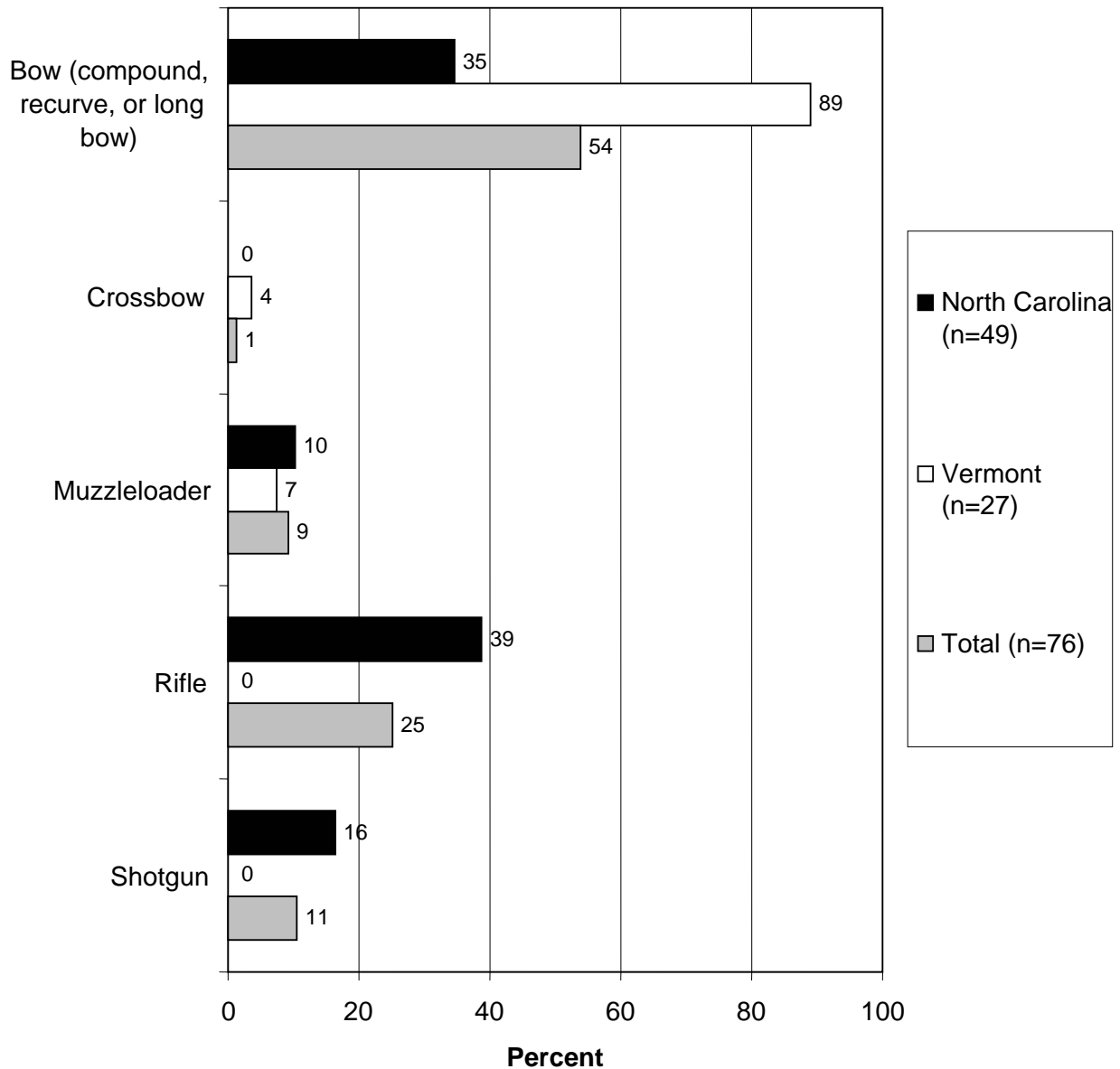
Q101. One hunter, who was from Vermont, had been involved in an accident while hunting from a defective tripod or quad elevated hunting stand, with the stated cause being that the stand was old.

Q54, Q70, Q87, and Q104. It should be noted that considerable liberty was taken in constructing the data regarding type of elevated hunting stand attachment. Fastening devices were loosely categorized as nailed, screwed (including wingbolt and blade with nut), and looped (including any flexible method of encircling branches or the tree, such as straps, cables, chains, ropes, and ratchets). Anything that did not fit those categories was not included. The results show that 46% of hunters used screwed attachments, 30% used looped attachments, and 9% used nailed attachments. There was considerable variation between the two states: North Carolina hunters used screwed attachments at a higher rate than did Vermont hunters (58% of North Carolina hunters, 19% of Vermont hunters); Vermont hunters used looped attachments at a higher rate than did North Carolina hunters (44% of Vermont hunters, 24% of North Carolina hunters).

**Q46. What type of elevated hunting stand were you using when the most recent accident occurred?
 (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**

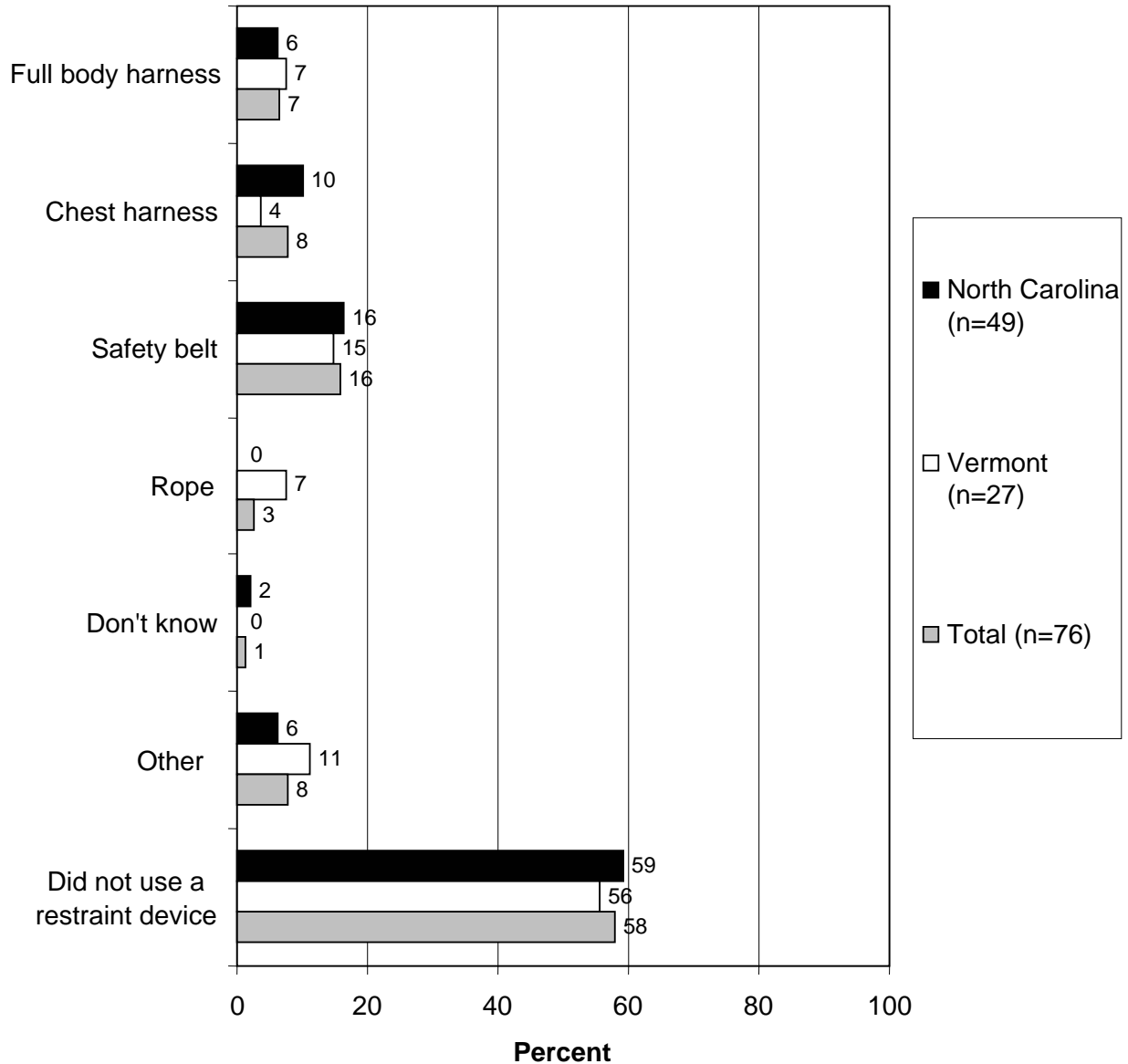


Q24. Please identify the hunting equipment you were using at the time of the most recent accident. (Asked of those who indicated that they had experienced a elevated hunting stand accident in the past 10 years)

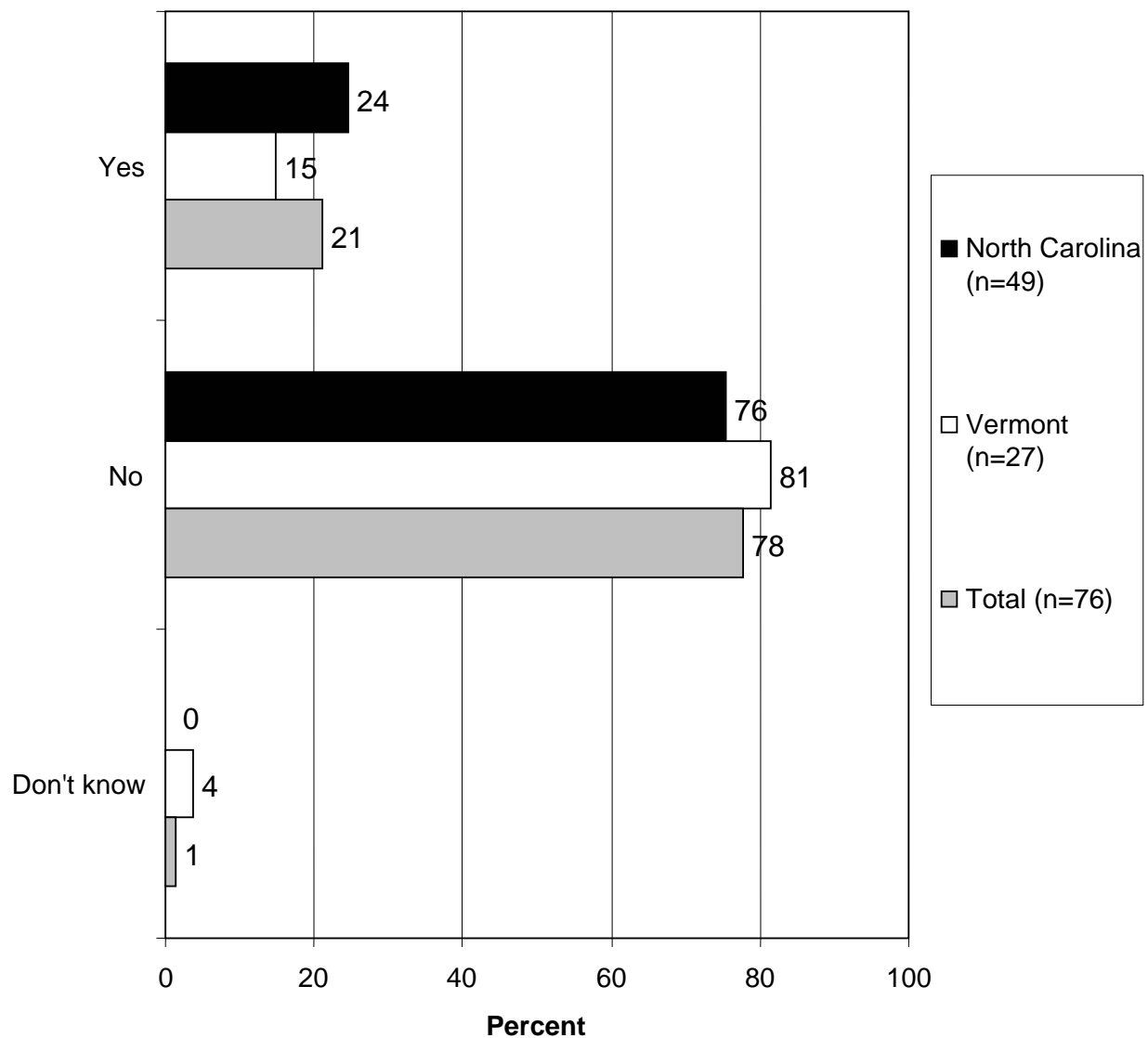


Q25. What kind of fall-restraint device did you use on the day of the most recent accident, or did you not use a restraint device?

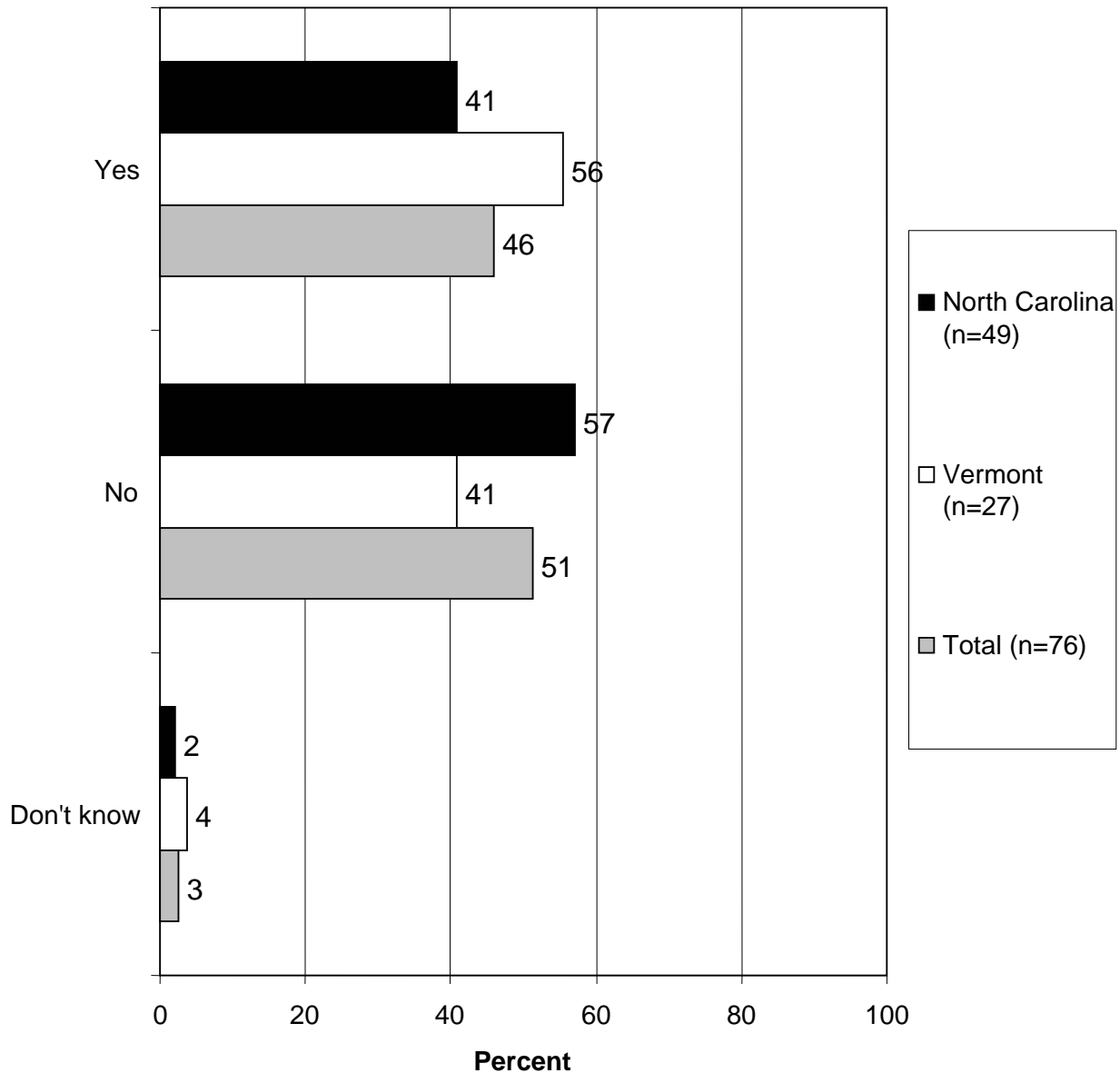
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



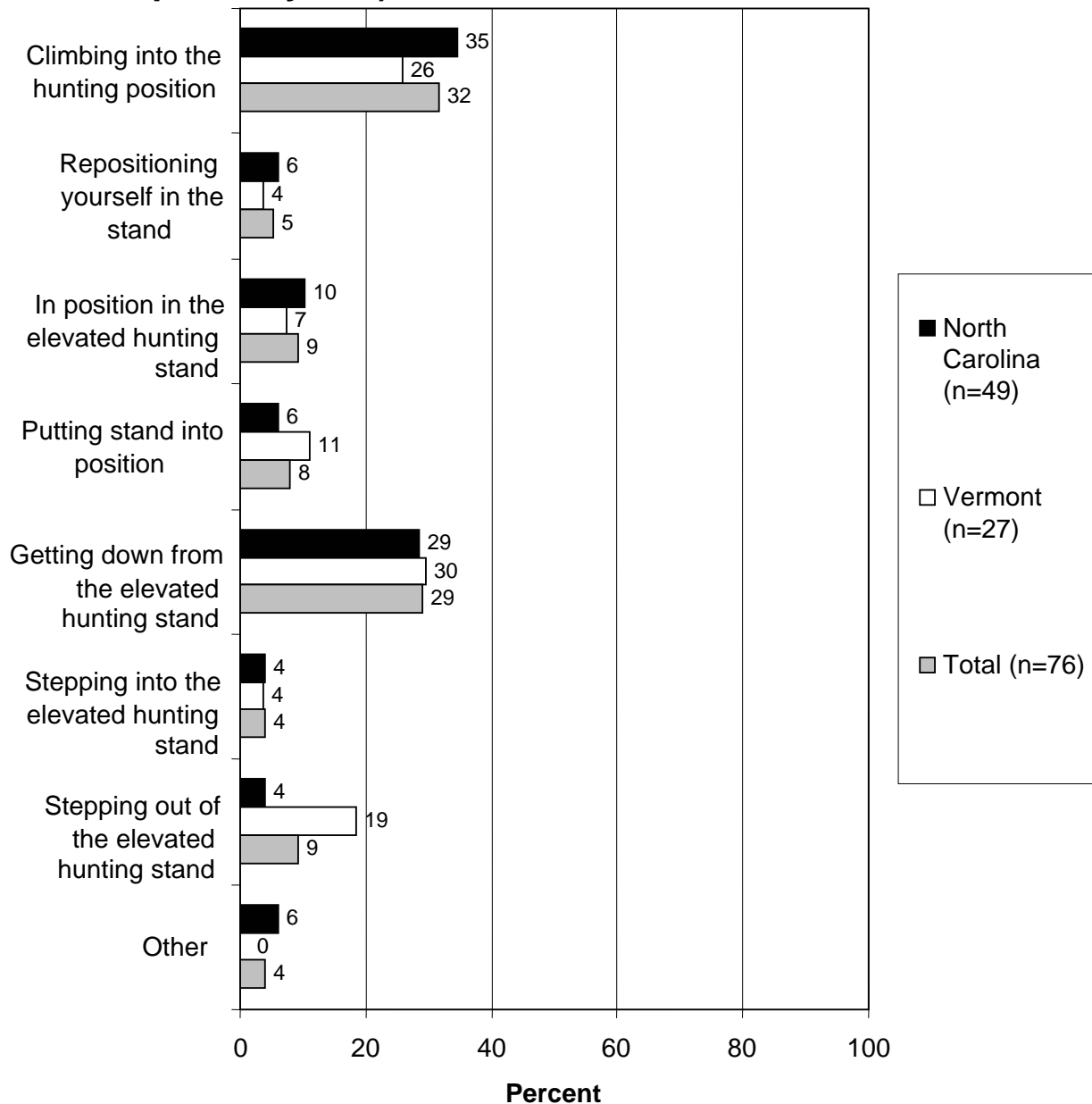
Q27. Were you wearing a fall-restraint device (such as a safety belt, harness, etc.) while climbing into the elevated hunting stand during the most recent accident? (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



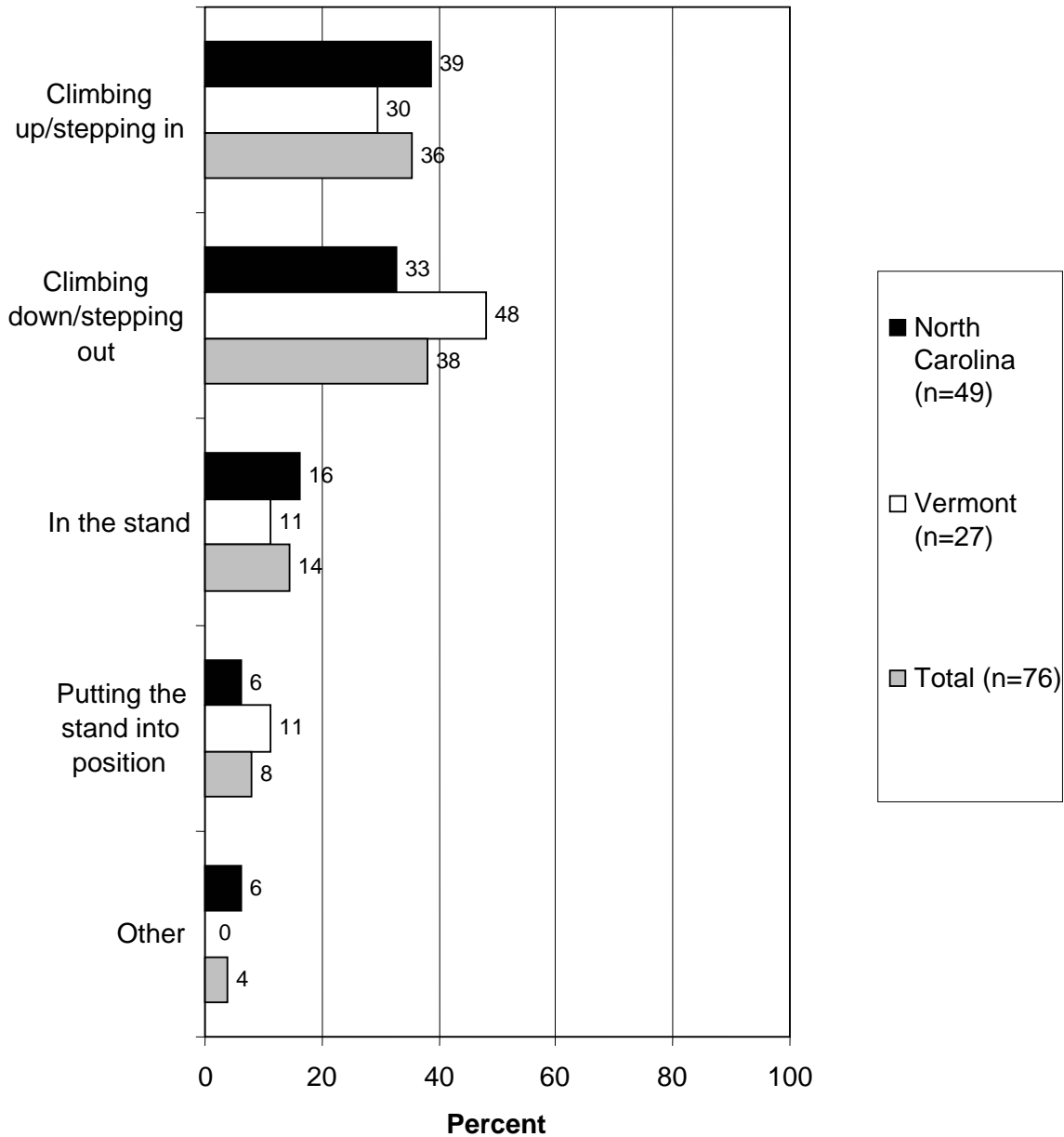
Q28. Were you wearing a fall-restraint device while in the elevated hunting stand during the most recent accident? (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



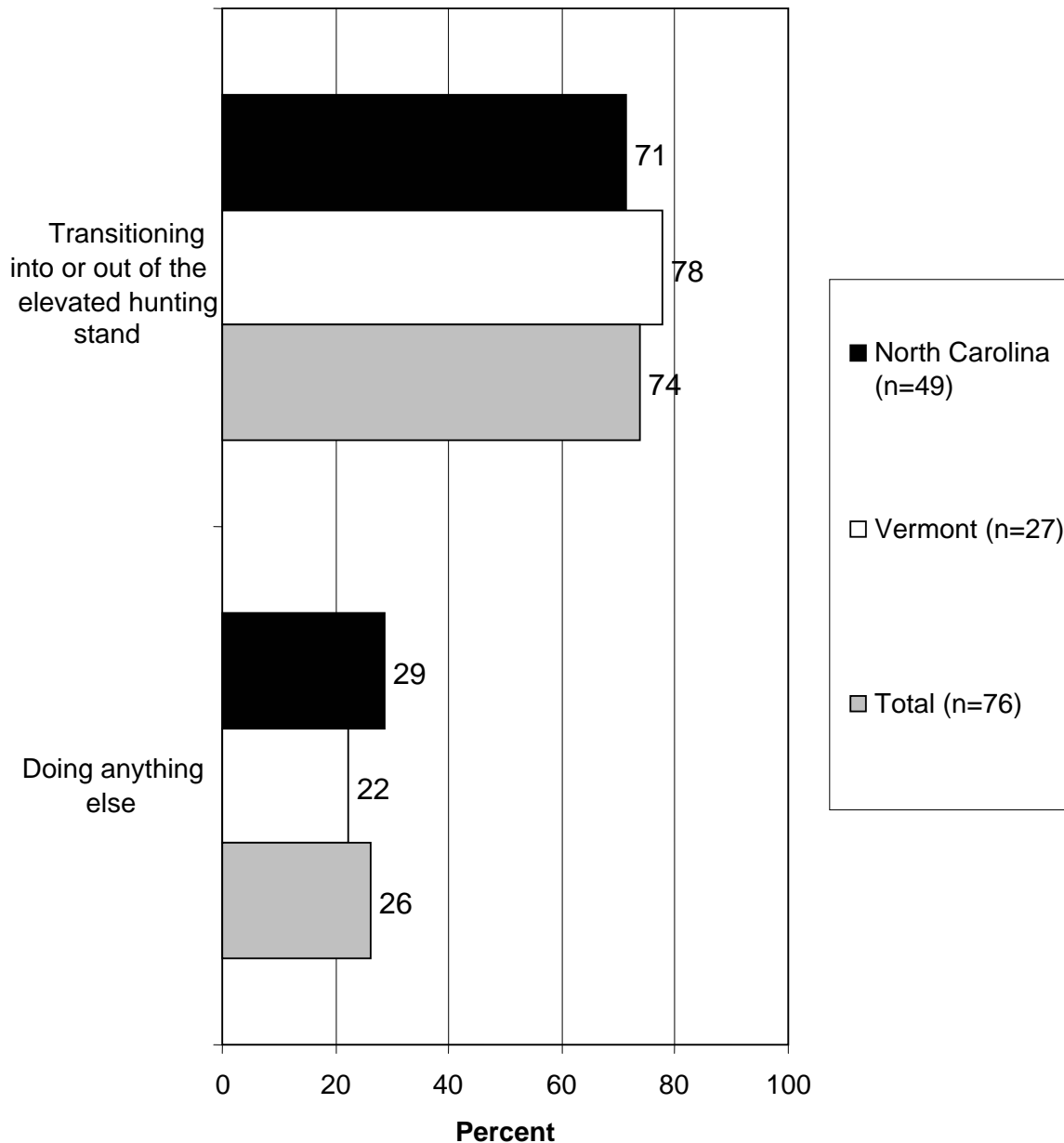
**Q33. What were you doing at the time of the most recent accident?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



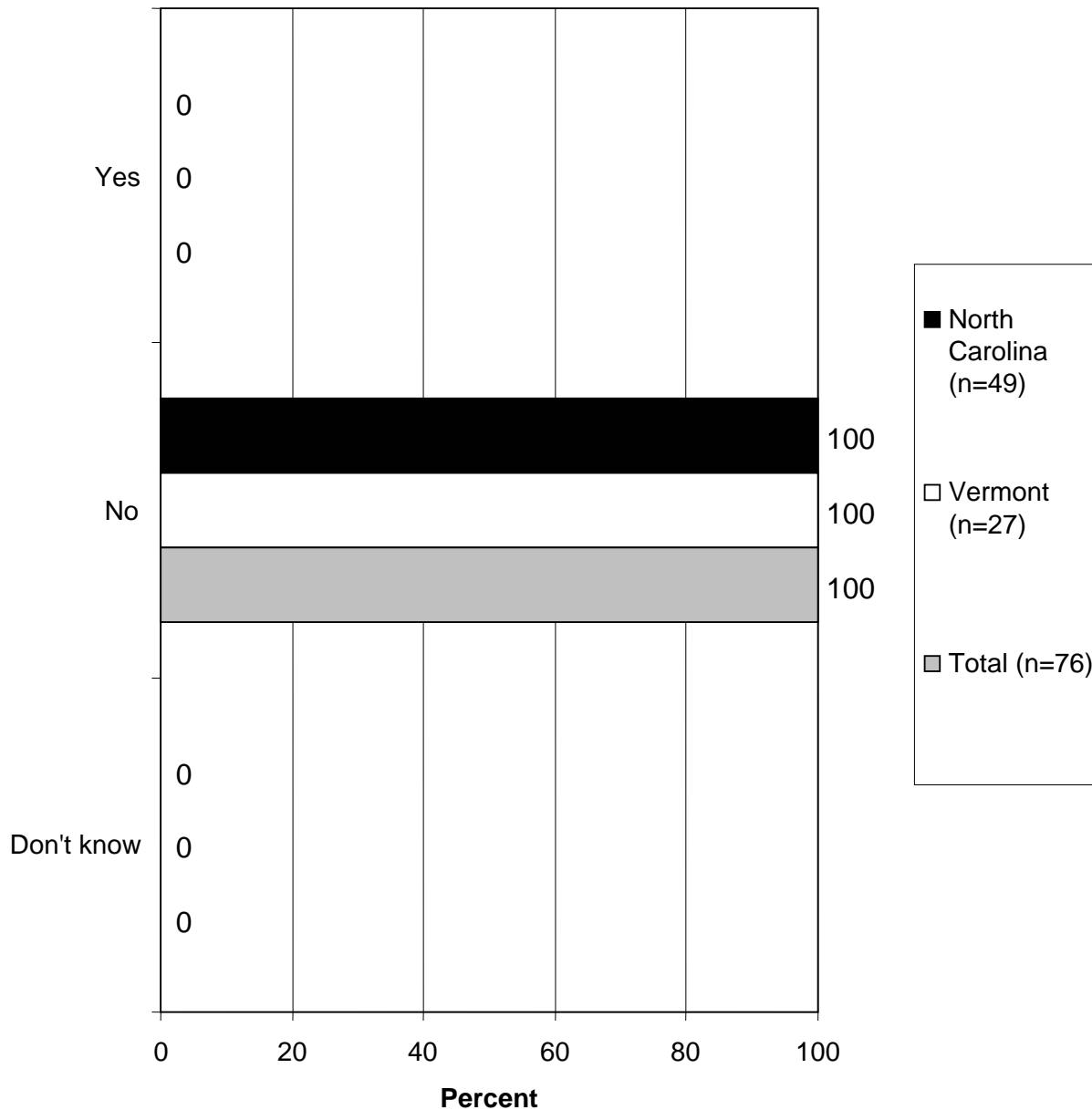
**Q33. What were you doing at the time of the most recent accident?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



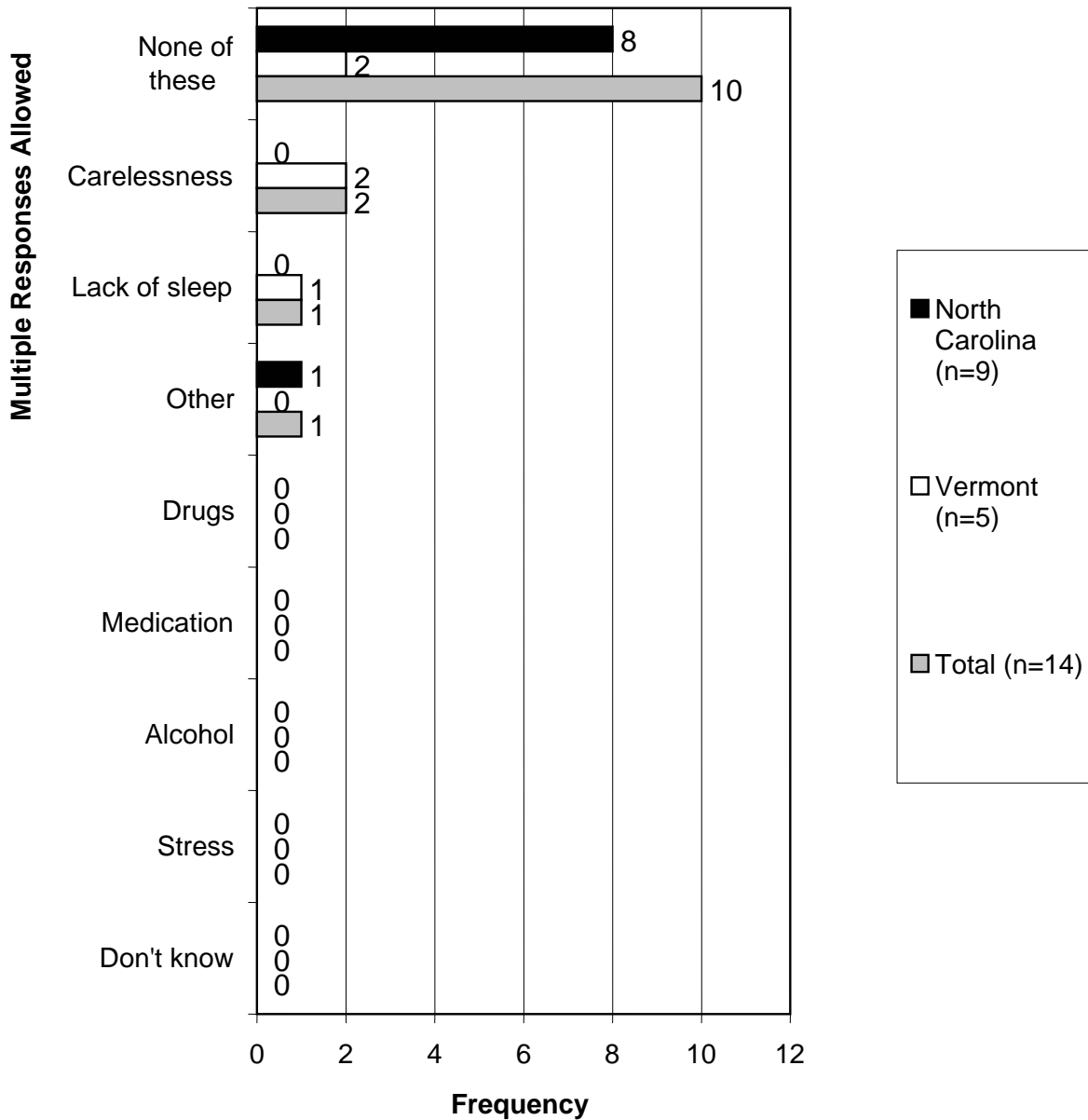
**Q33. What were you doing at the time of the most recent accident?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



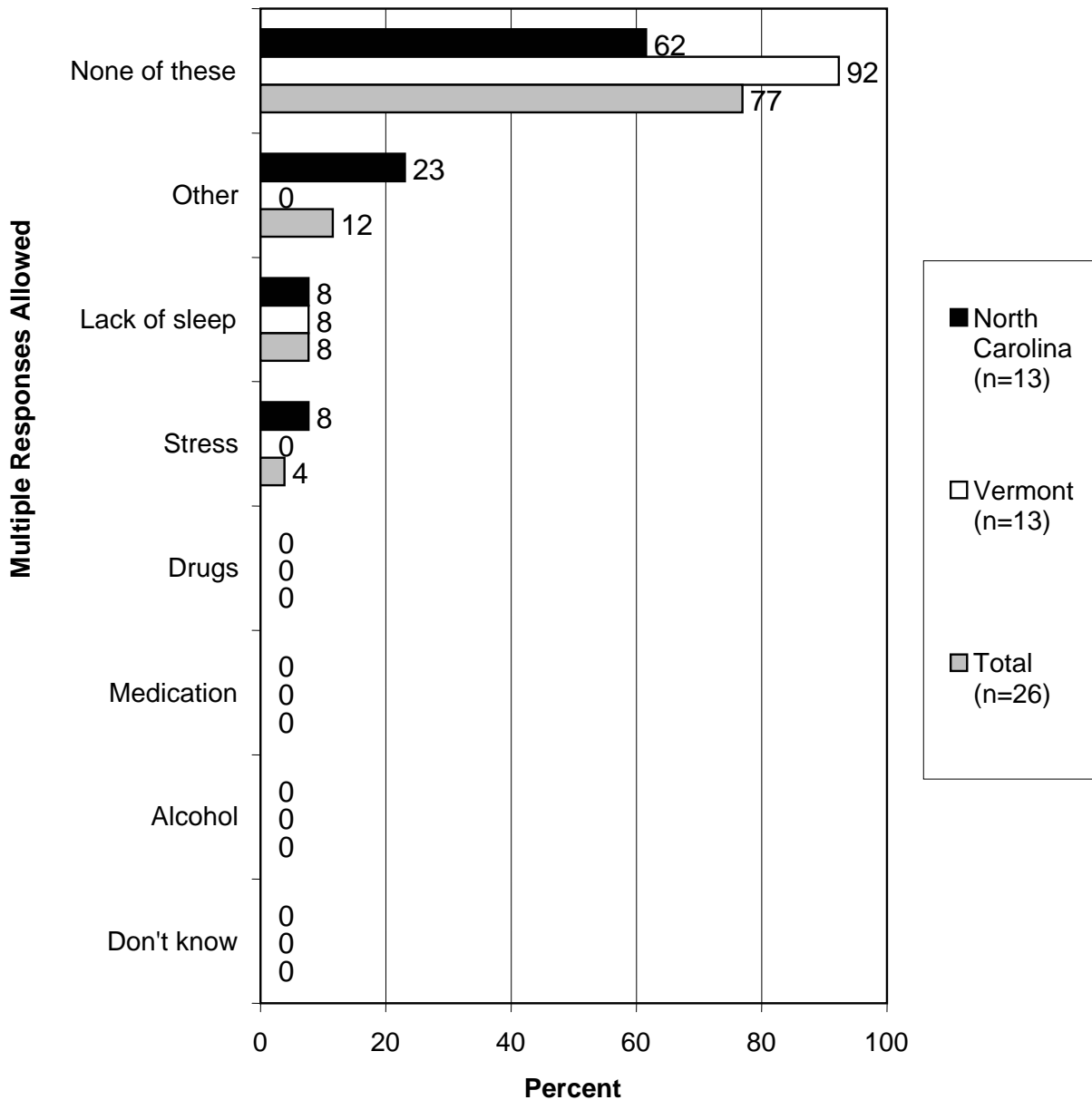
**Q36. Did the most recent accident occur while you were shooting at game?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



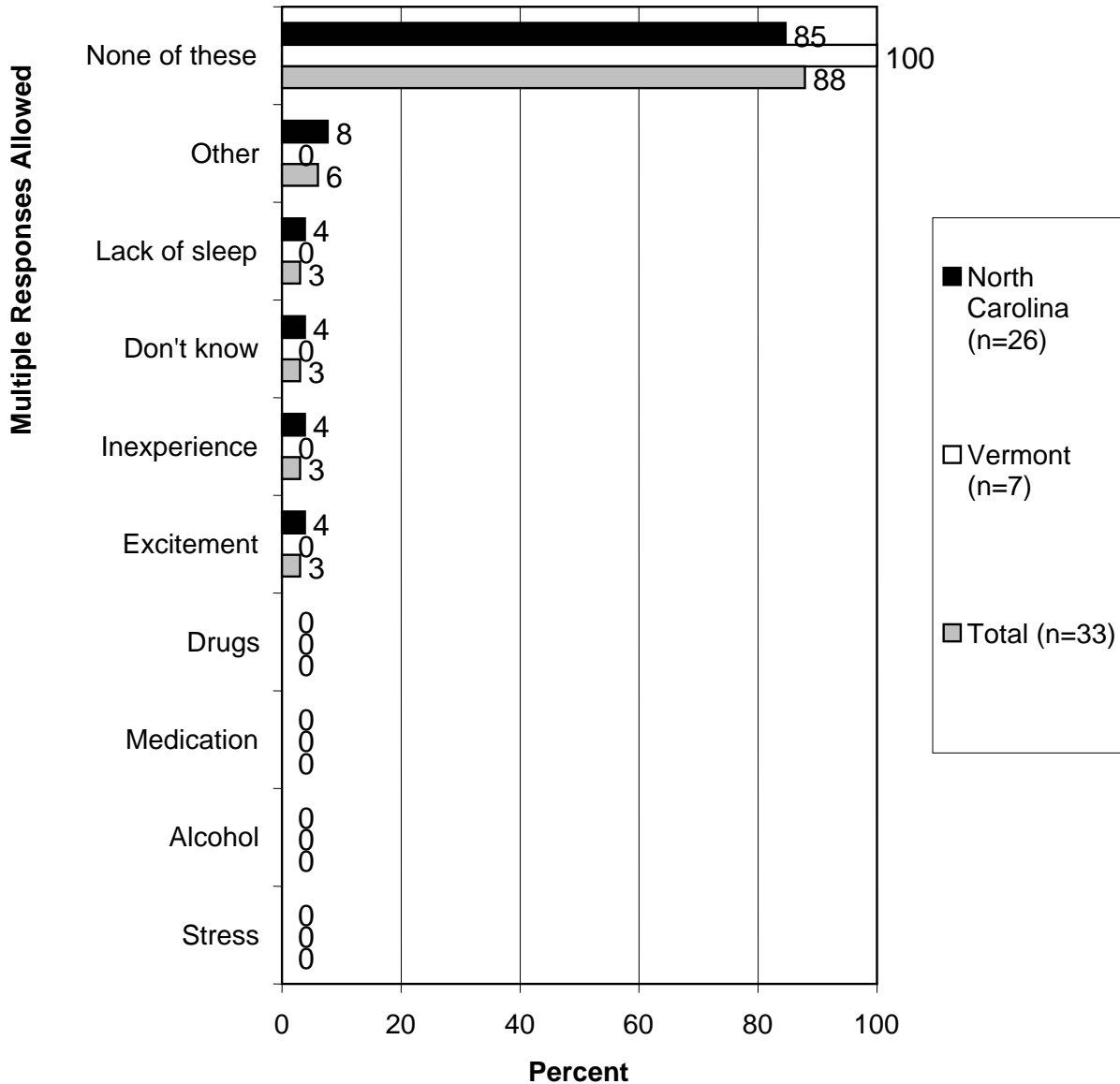
**Q60. Please tell me if any of the following may have contributed to the most recent accident?
 (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a ladder stand)**



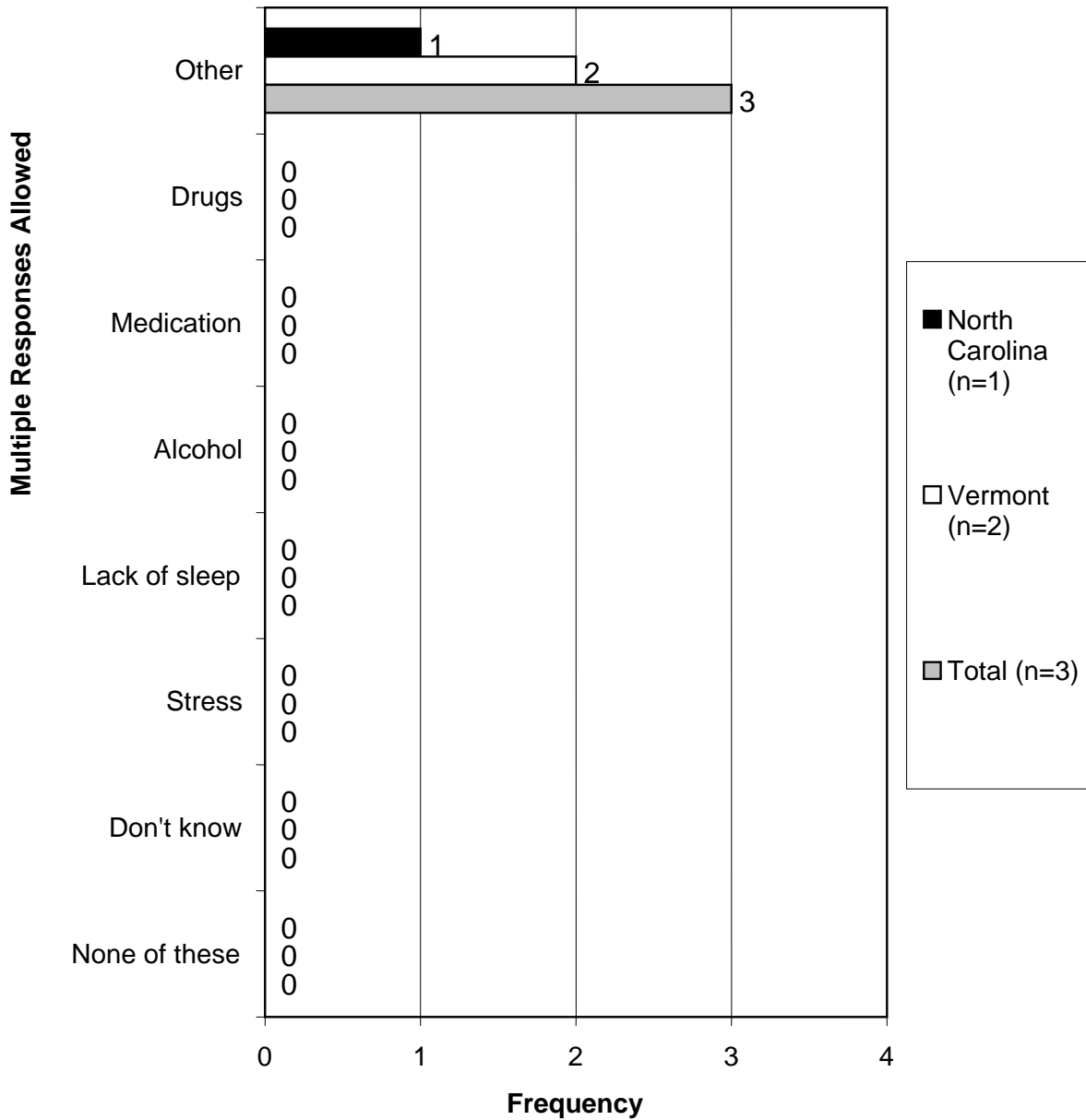
**Q78. Please tell me if any of the following may have contributed to the most recent accident?
 (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a fixed position stand)**



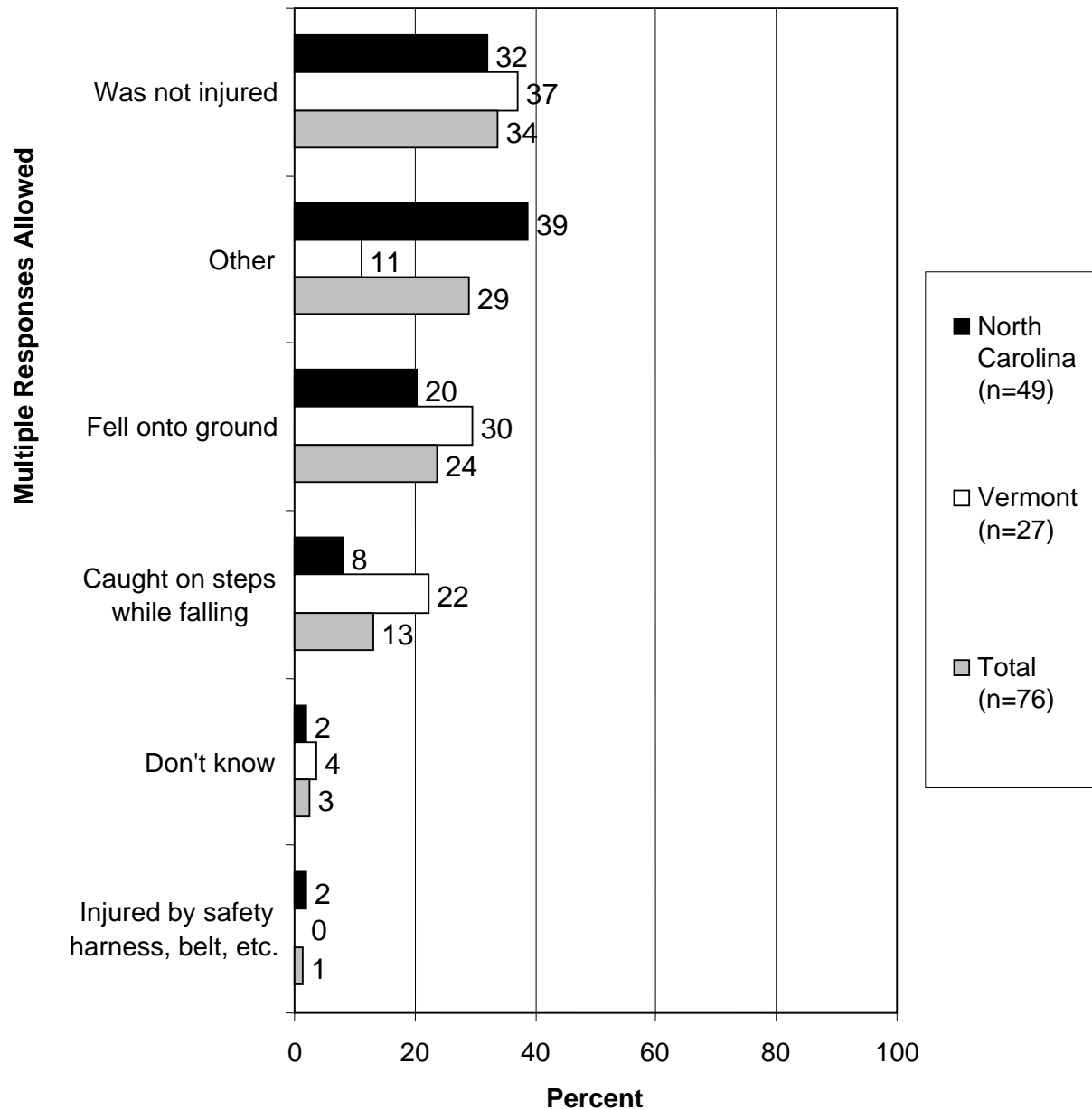
**Q95. Please tell me if any of the following may have contributed to the most recent accident?
 (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a climbing elevated hunting stand)**



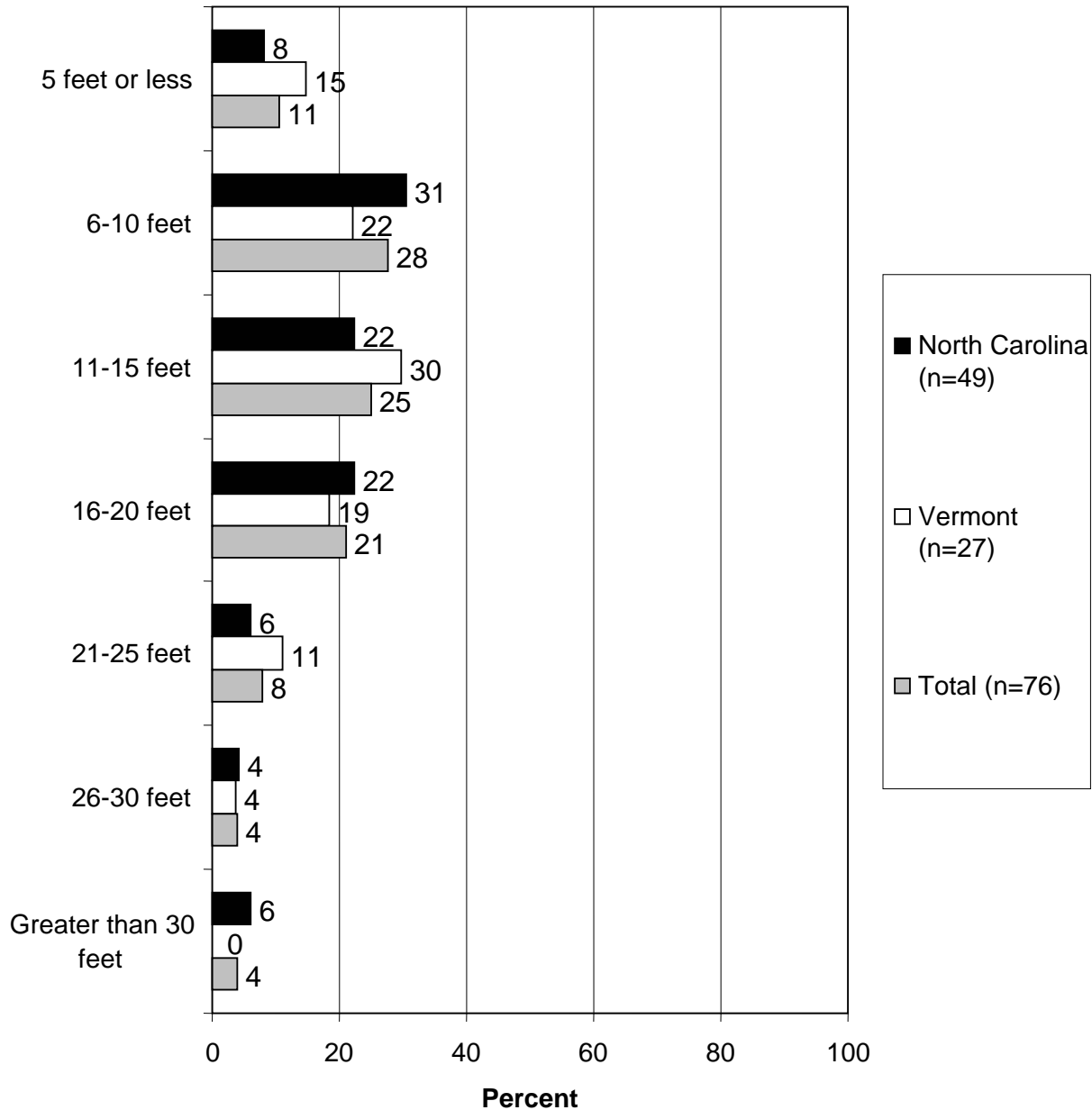
**Q109. Please tell me if any of the following may have contributed to the most recent accident?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a tripod or quad stand)**



**Q40. Please describe the direct causes of your injury during the most recent accident.
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**

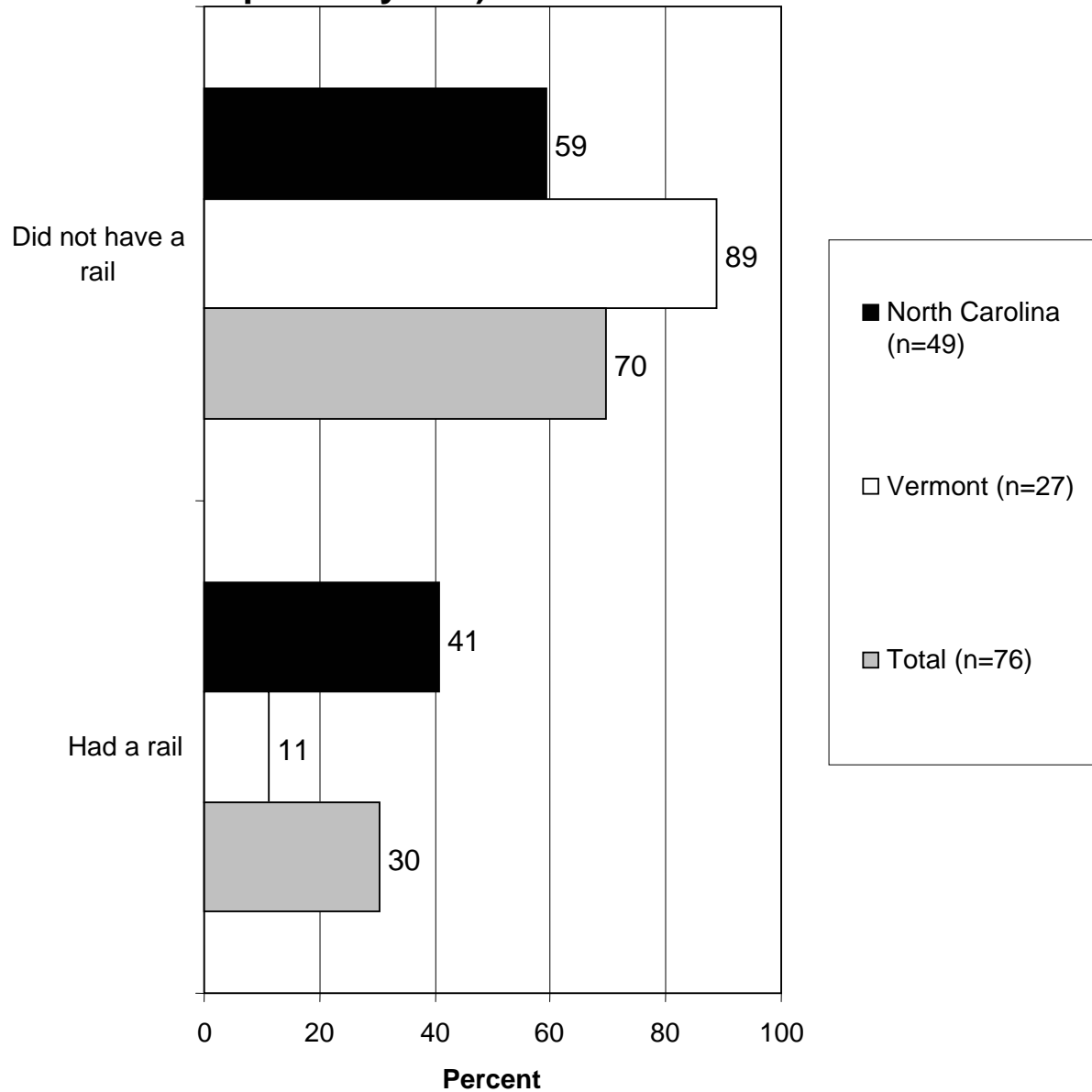


**Q45. How high were you when the most recent accident occurred?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



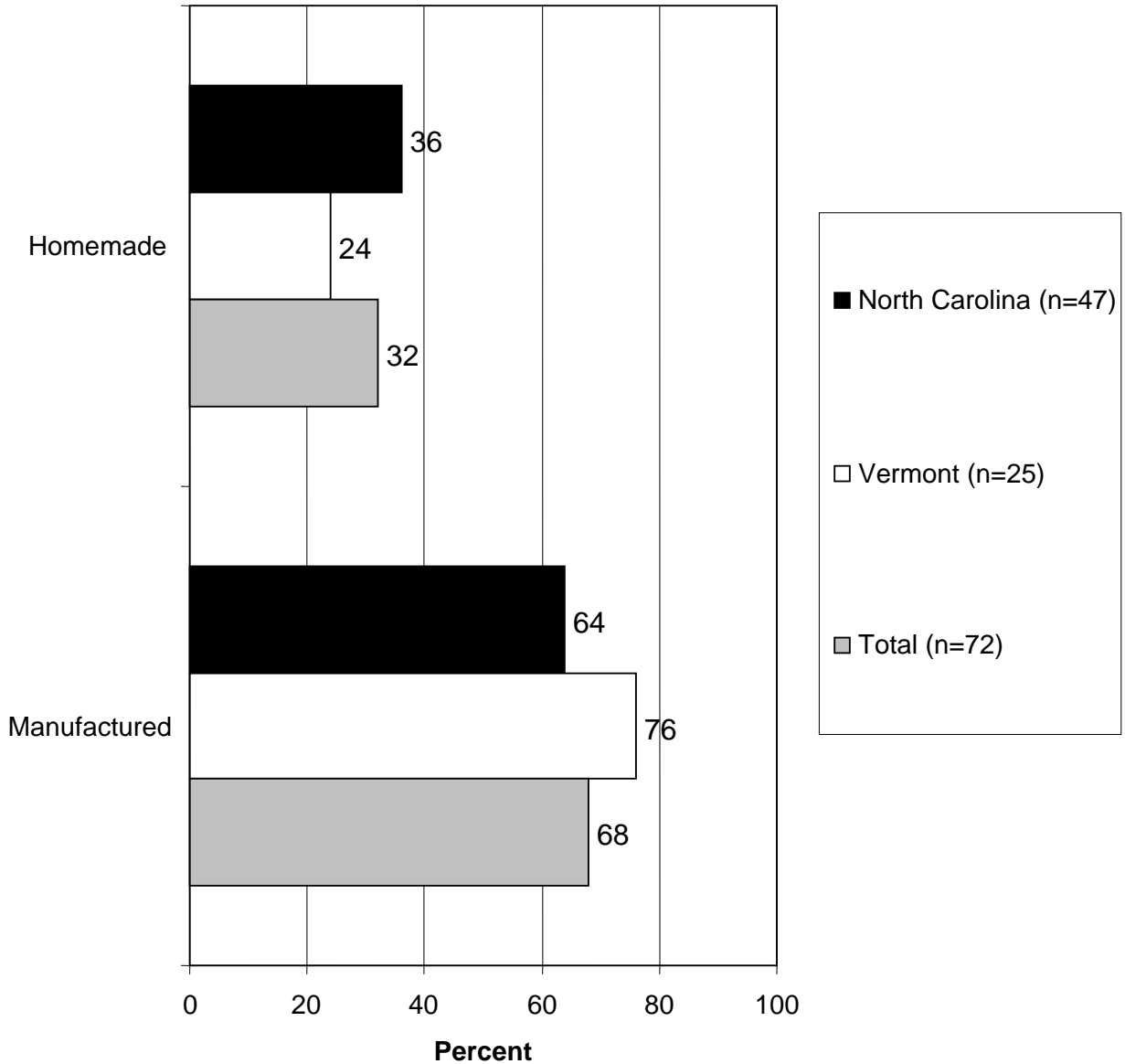
Q53, Q69, Q86, & Q103. Was there a type of safety or shooting rail around the stand (most recent accident)?

(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



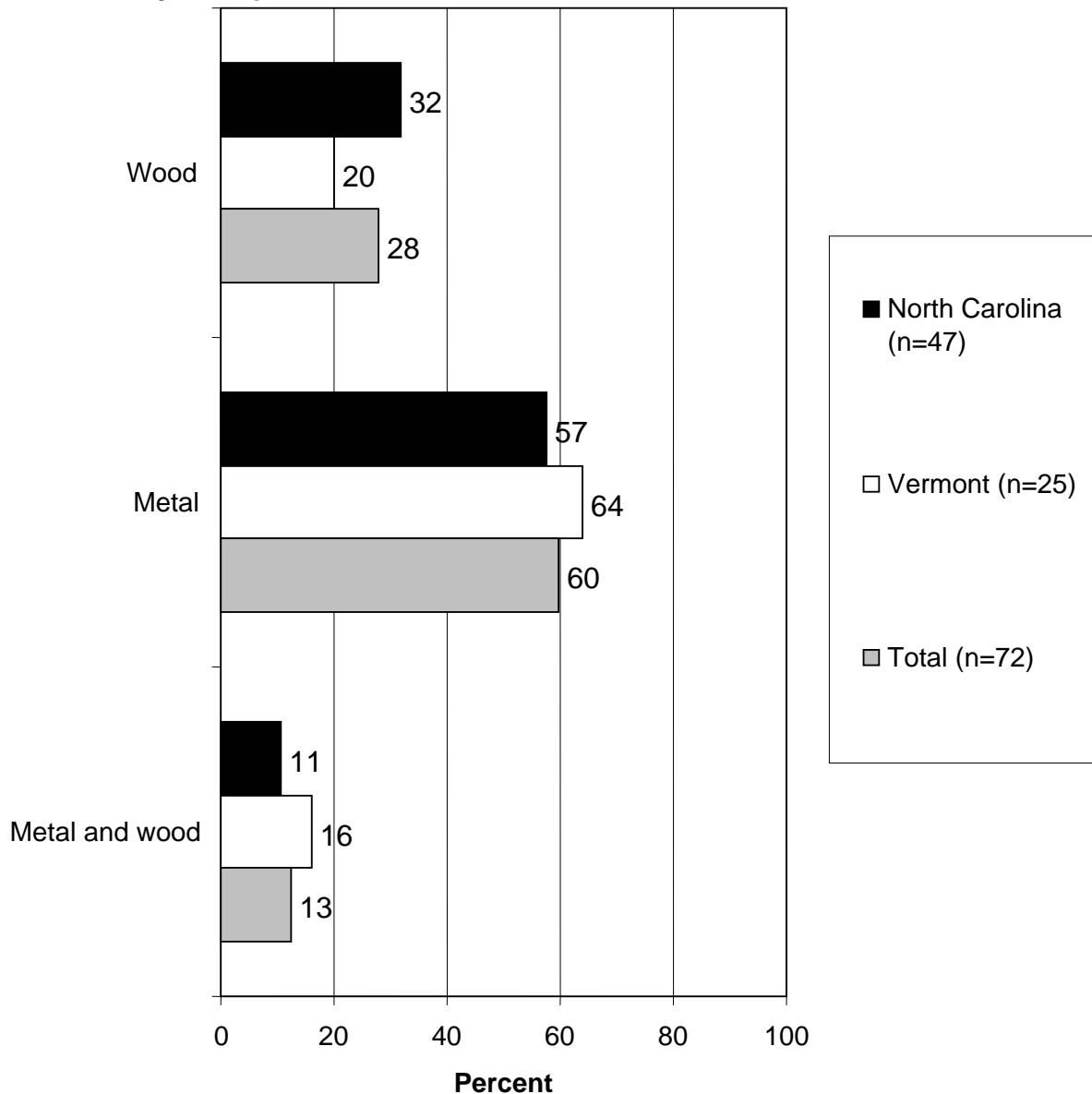
Q47, Q62, Q80, & Q97. elevated hunting stand fabrication, most recent accident ("others" and "don't knows" eliminated).

(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



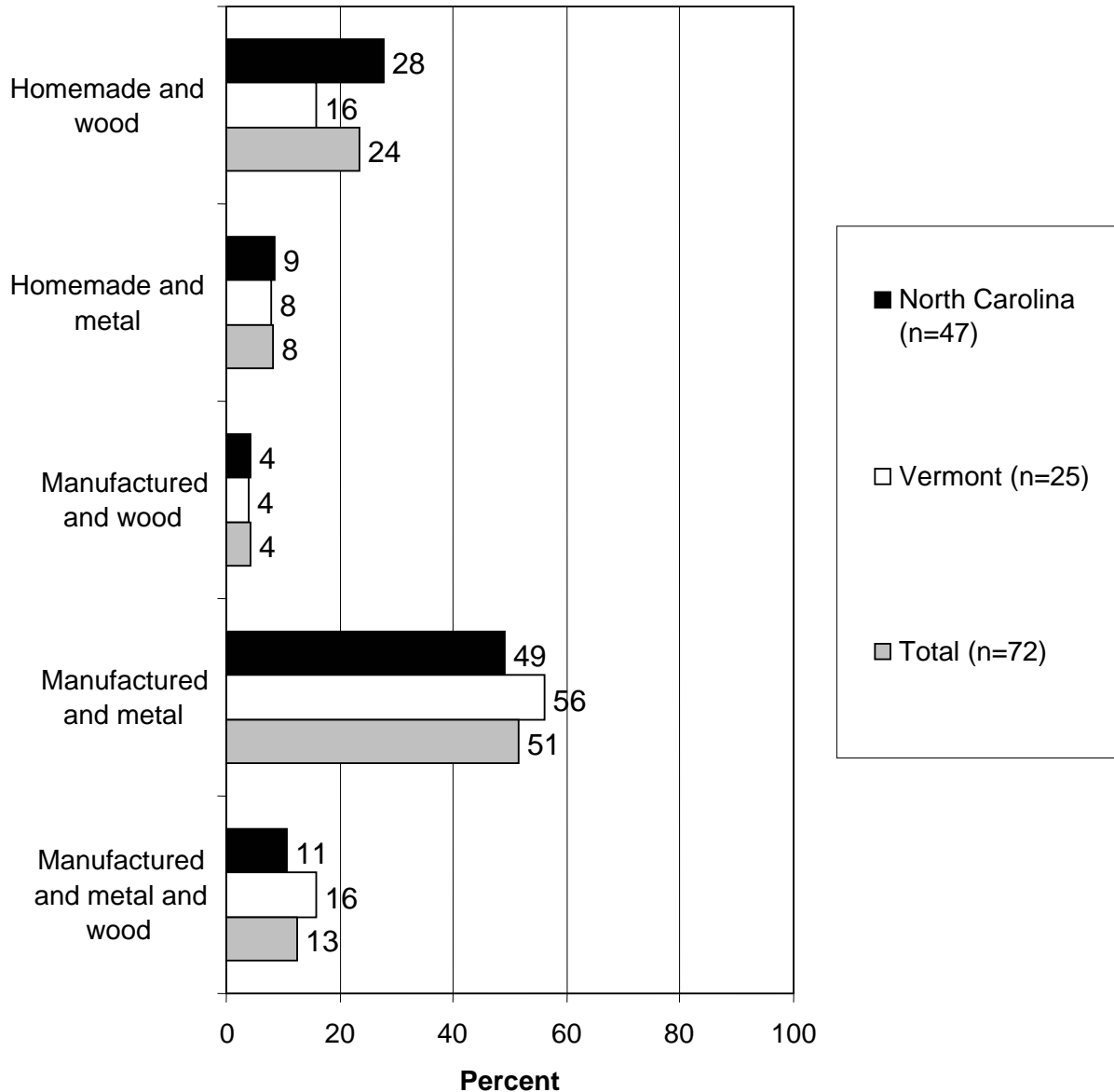
Q47, Q62, Q80, & Q97. Elevated hunting stand materials, recent accident ("others" and "don't knows" most eliminated).

(Asked of those who indicated that they had experienced an elevated stand accident in the past 10 years)



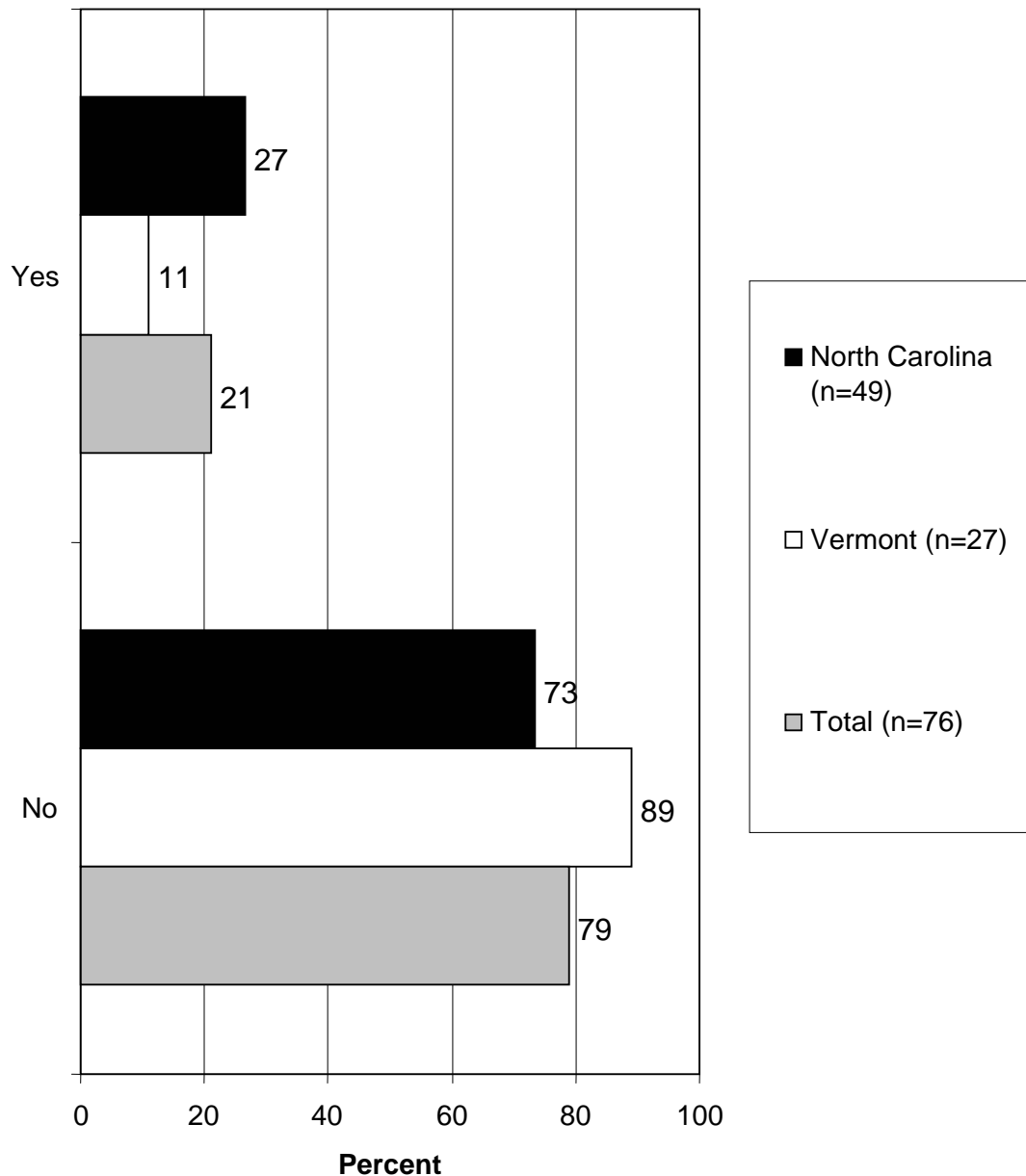
Q47, Q62, Q80, & Q97. Elevated hunting stand fabrication and materials, most recent accident ("others" and "don't knows" eliminated).

(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)

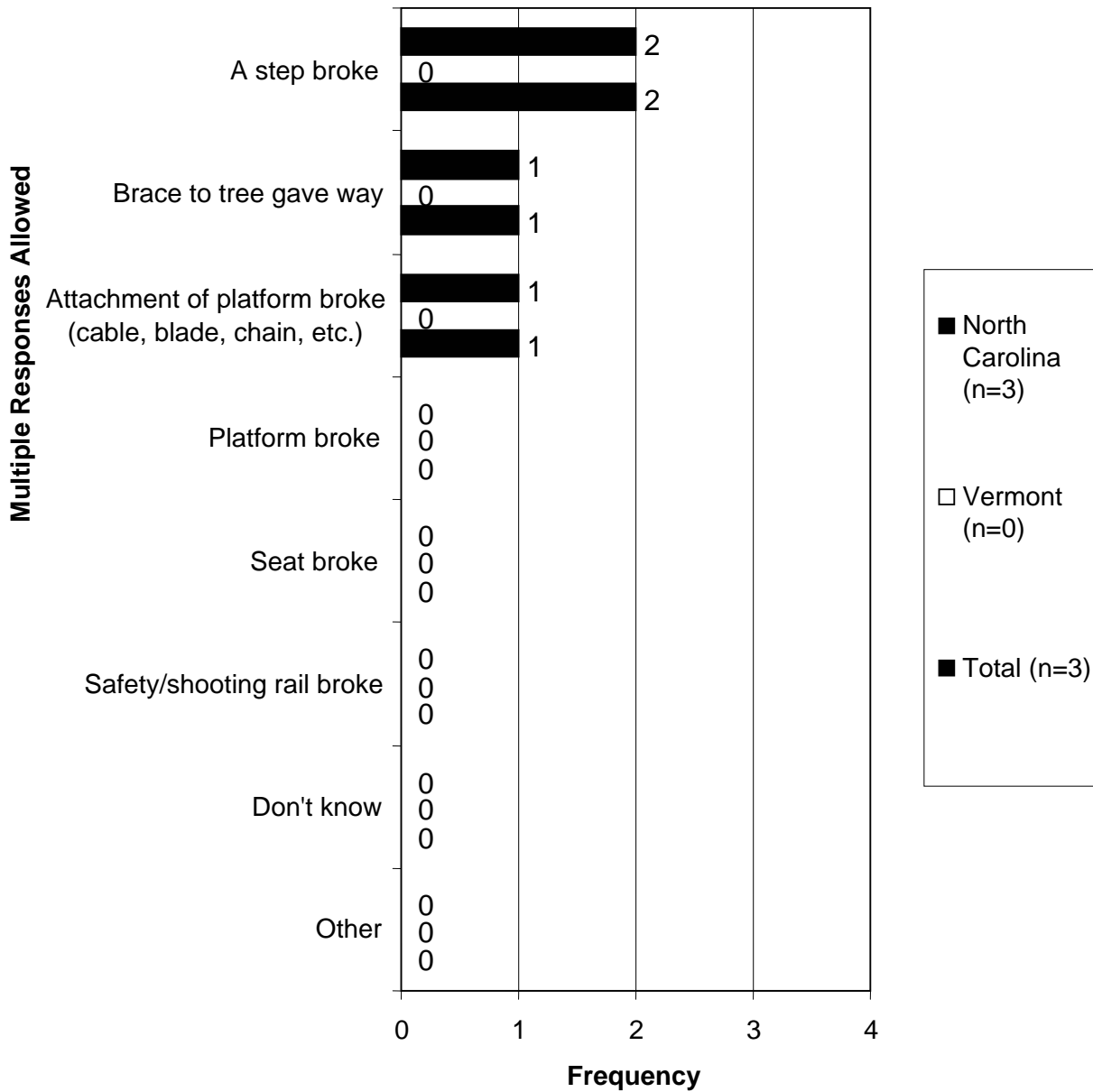


Q49, Q65, Q82, & Q99. Was the elevated hunting stand defective (most recent accident)?

(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)

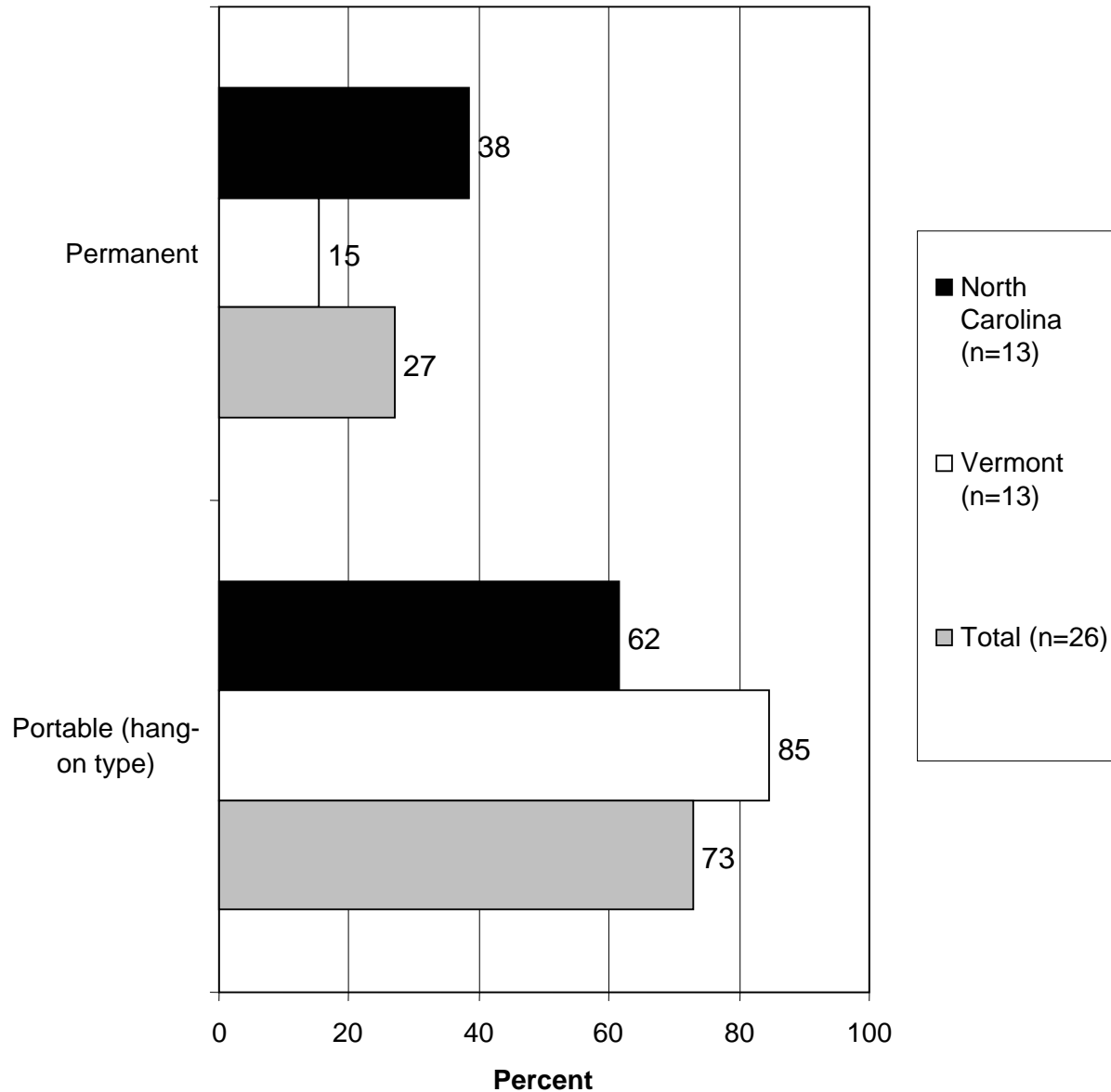


Q51. In what way was the ladder elevated hunting stand defective (most recent accident)?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a ladder stand)

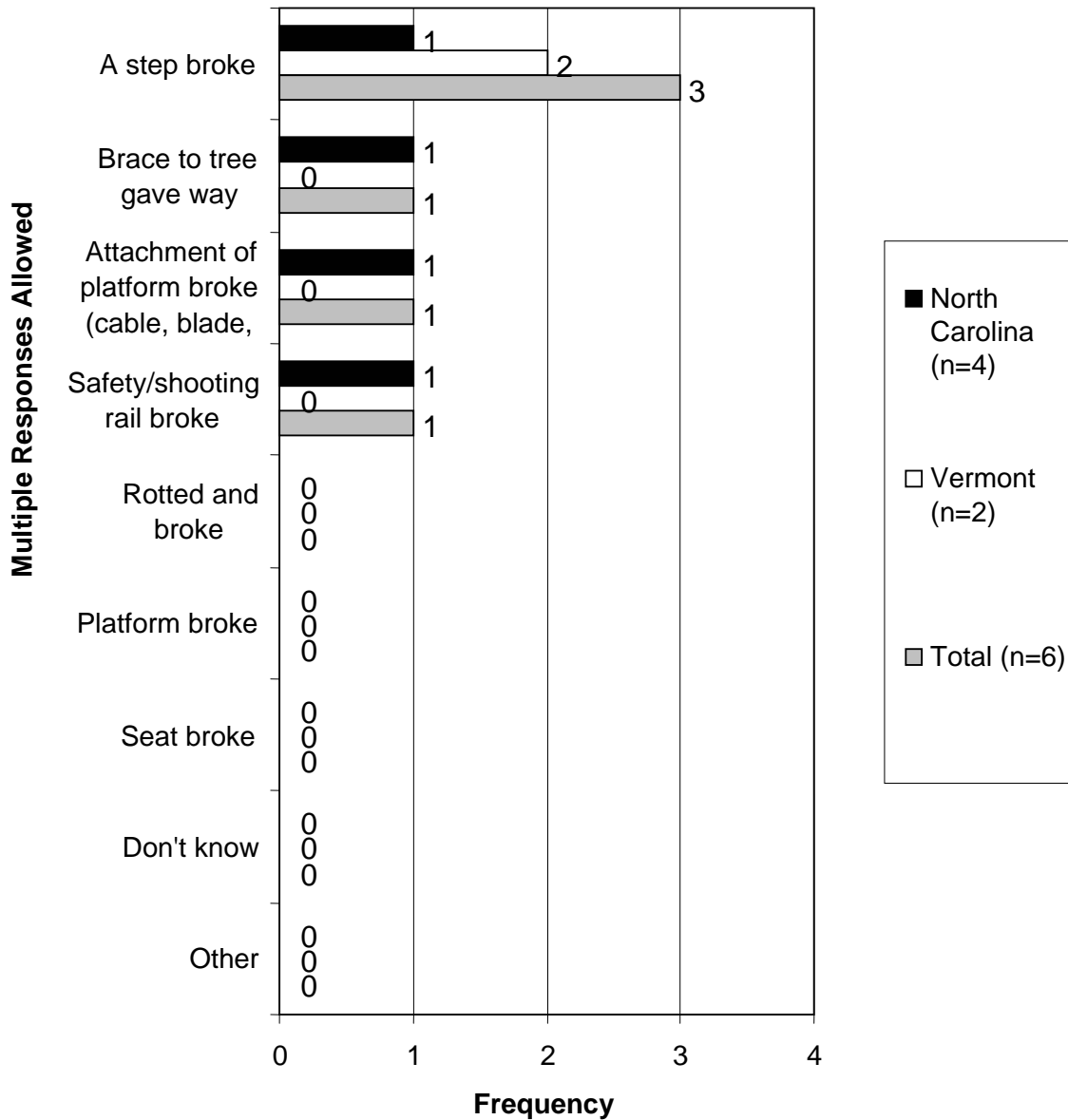


Q64. Was the fixed position stand a permanent or portable (hang-on type) stand (most recent accident)?

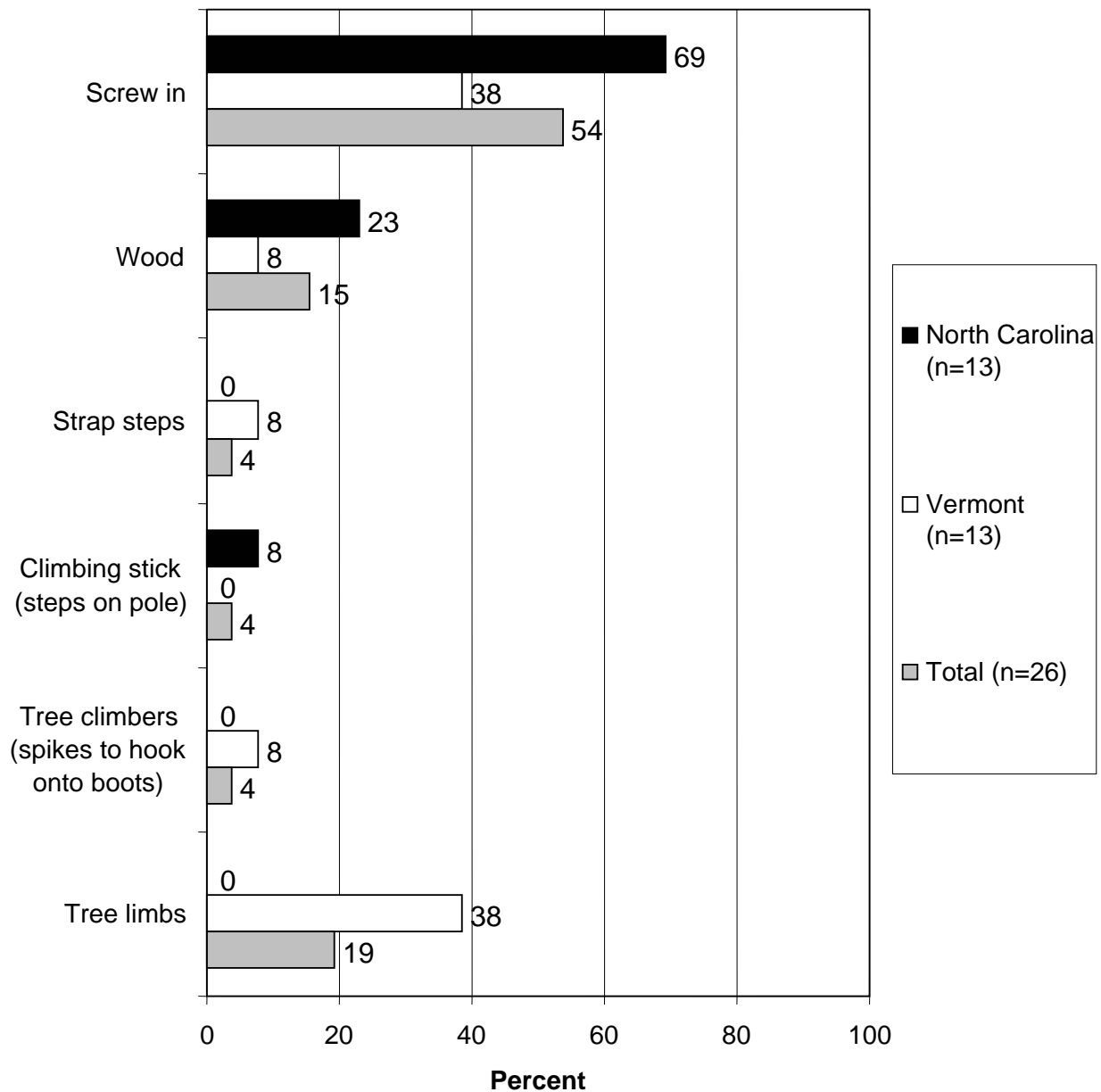
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a fixed position stand)



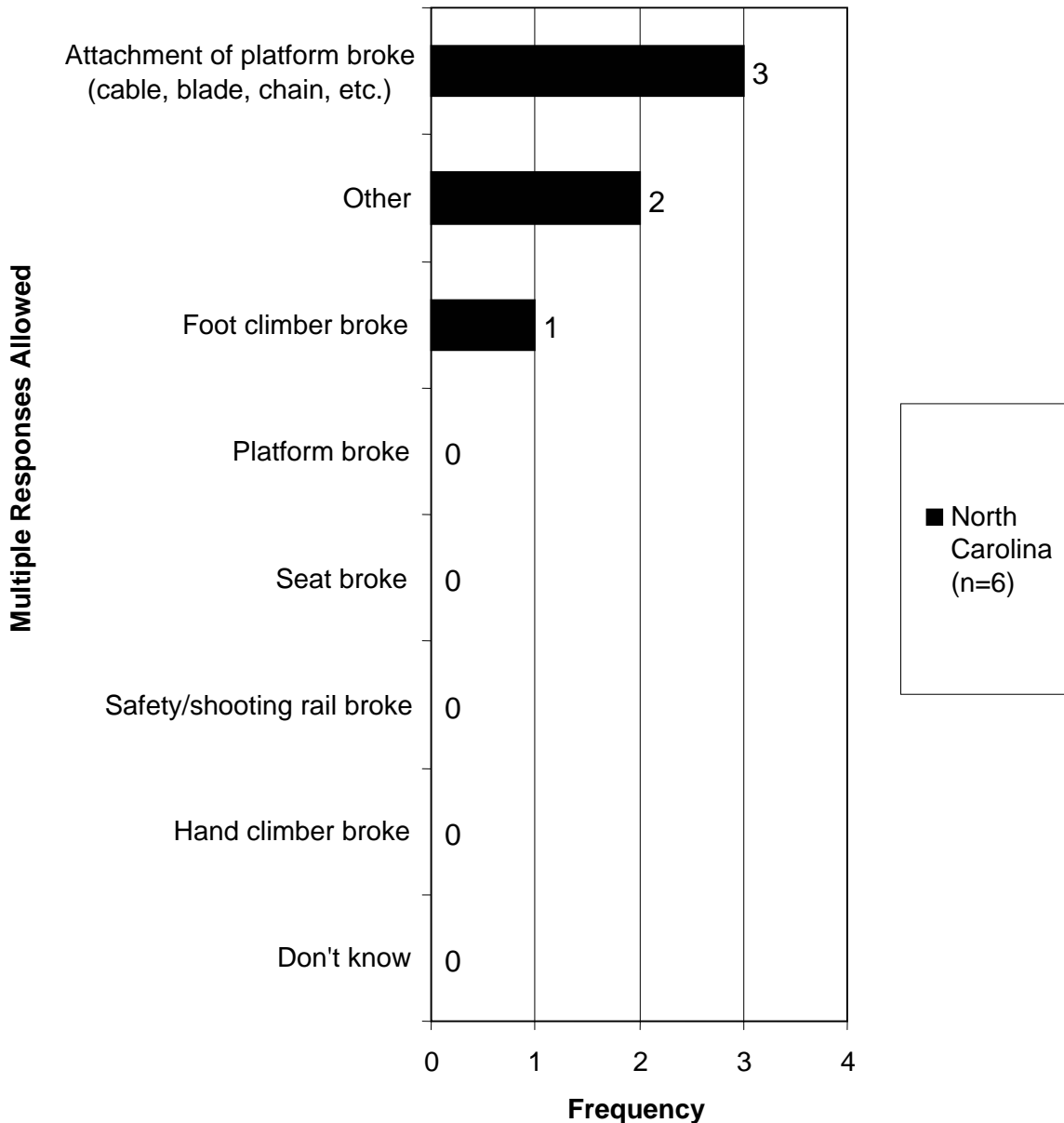
Q67. In what way was the fixed position elevated hunting stand defective (most recent accident)?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a fixed position stand)



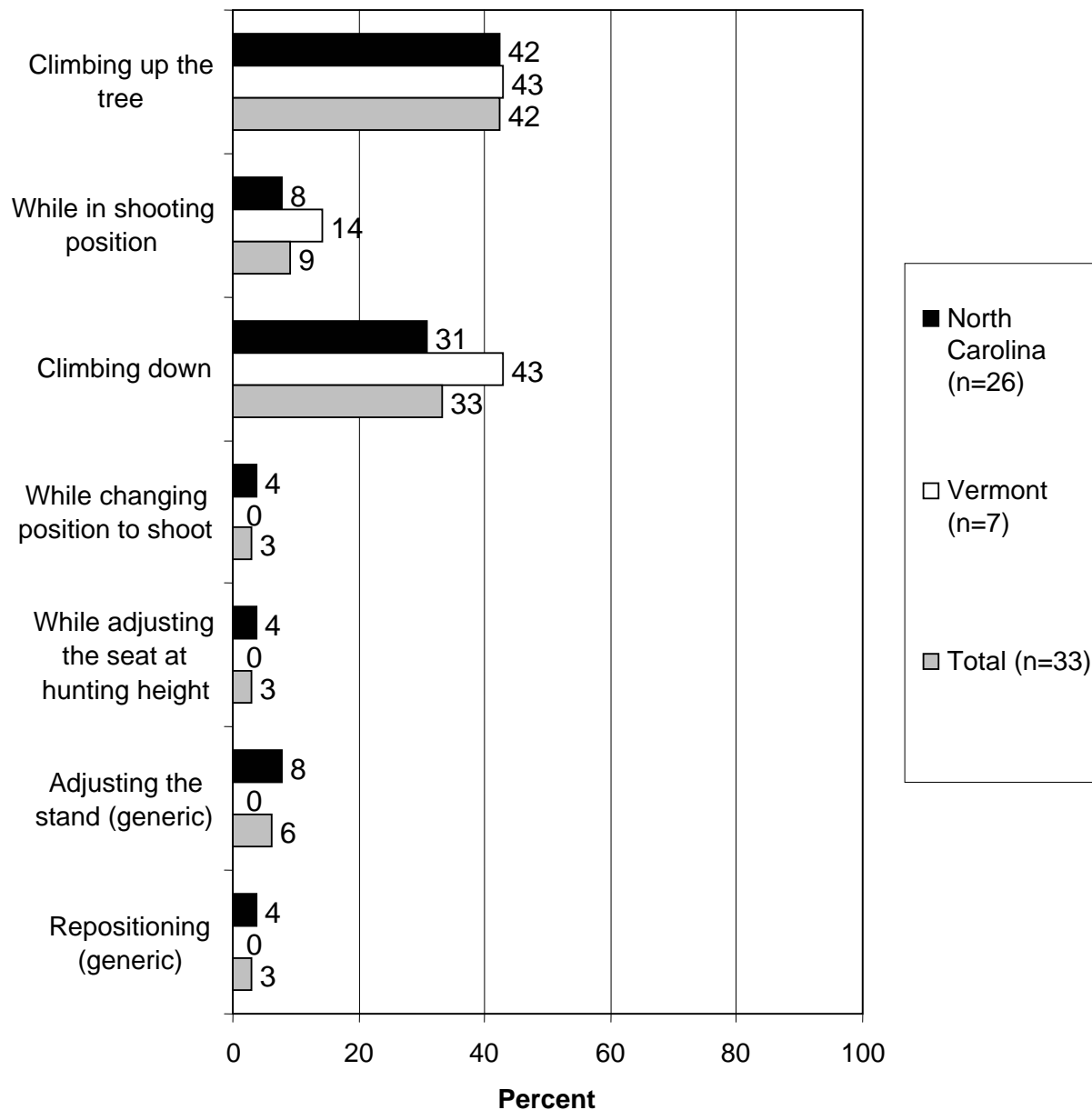
Q72. What types of steps were used for access into the elevated hunting stand (most recent accident)? (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a fixed position stand)



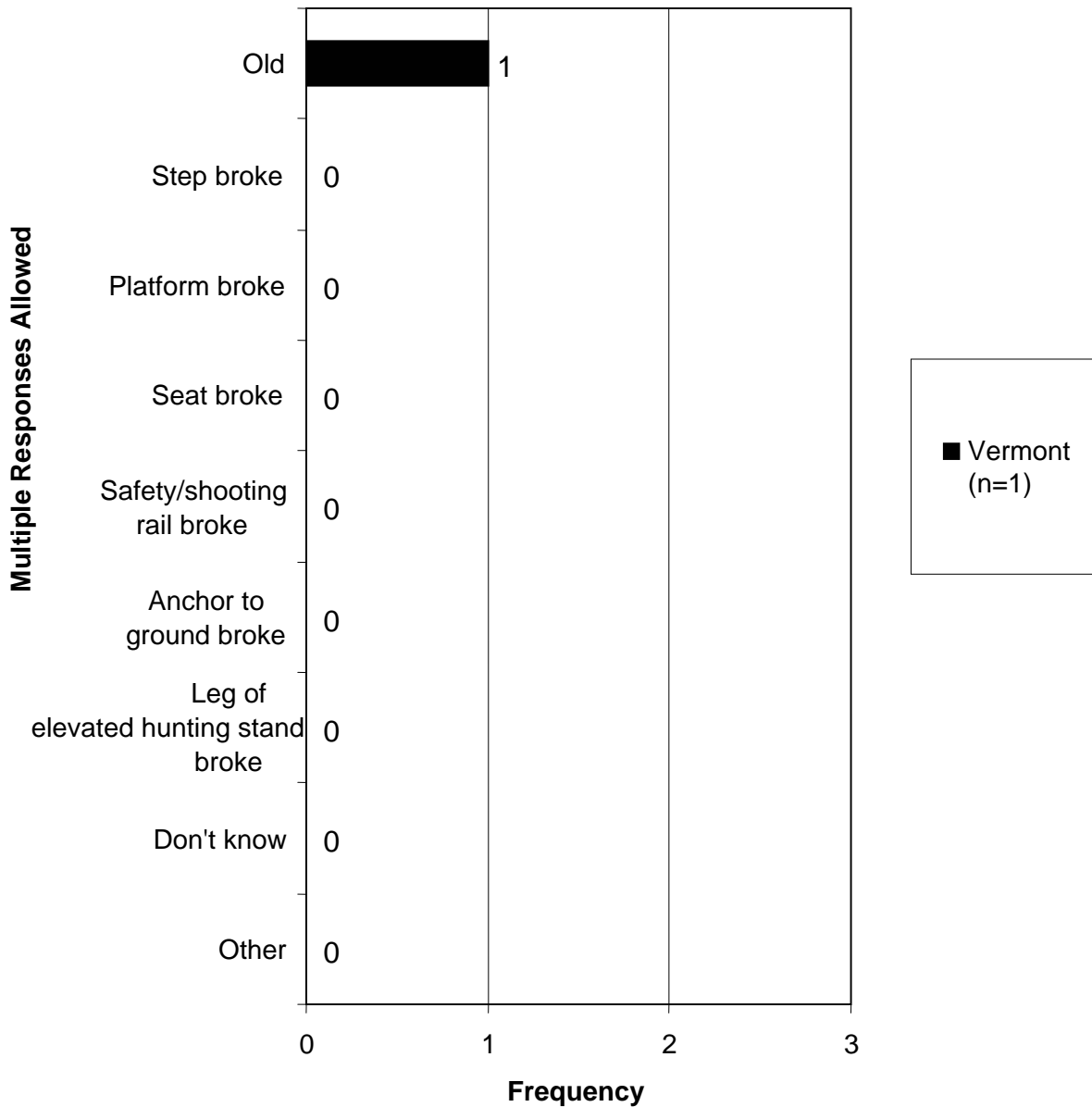
**Q84. In what way was the climbing elevated hunting stand defective (most recent accident)?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a climbing elevated hunting stand)**



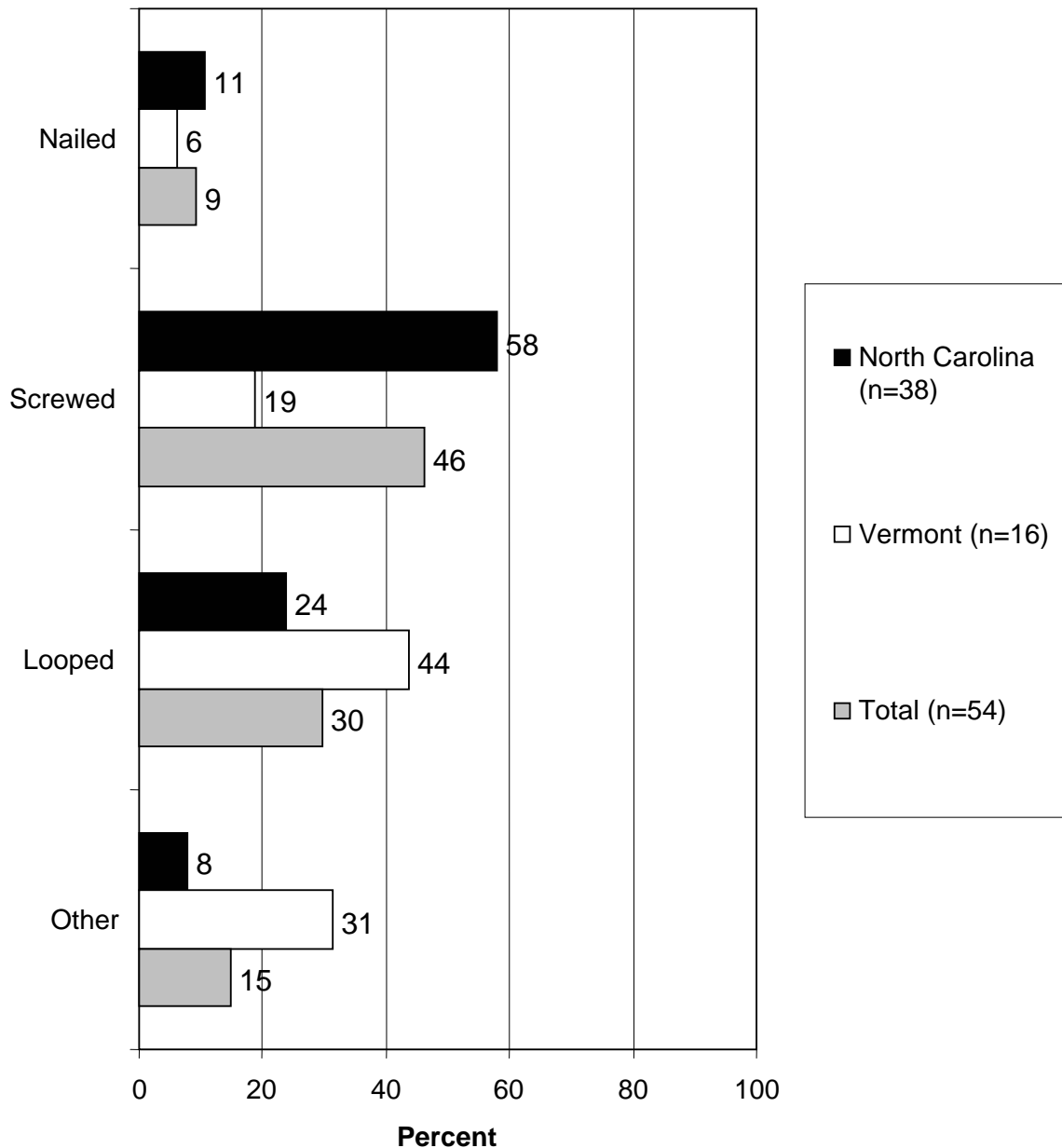
Q89. In what position were you when the accident occurred (most recent accident)?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a climbing elevated hunting stand)



**Q101. In what way was the tripod or quad elevated hunting stand defective (most recent accident)?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had used a tripod or quad stand)**



Q54, Q70, Q87, & Q104. Type of elevated hunting stand attachment (most recent accident).
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



PRECAUTIONS TAKEN BEFORE ACCIDENT AND BEHAVIORS AFTER ACCIDENT

For Questions 22-116, respondents discussed their most recent accident, which for most was their only accident. Therefore, all statistics in the following section do not include the second accident that 6 hunters had experienced.

Q29. Most hunters (54%) who had been involved in an elevated hunting stand accident felt that they may not have taken as many precautions as they could have to prevent the accident.

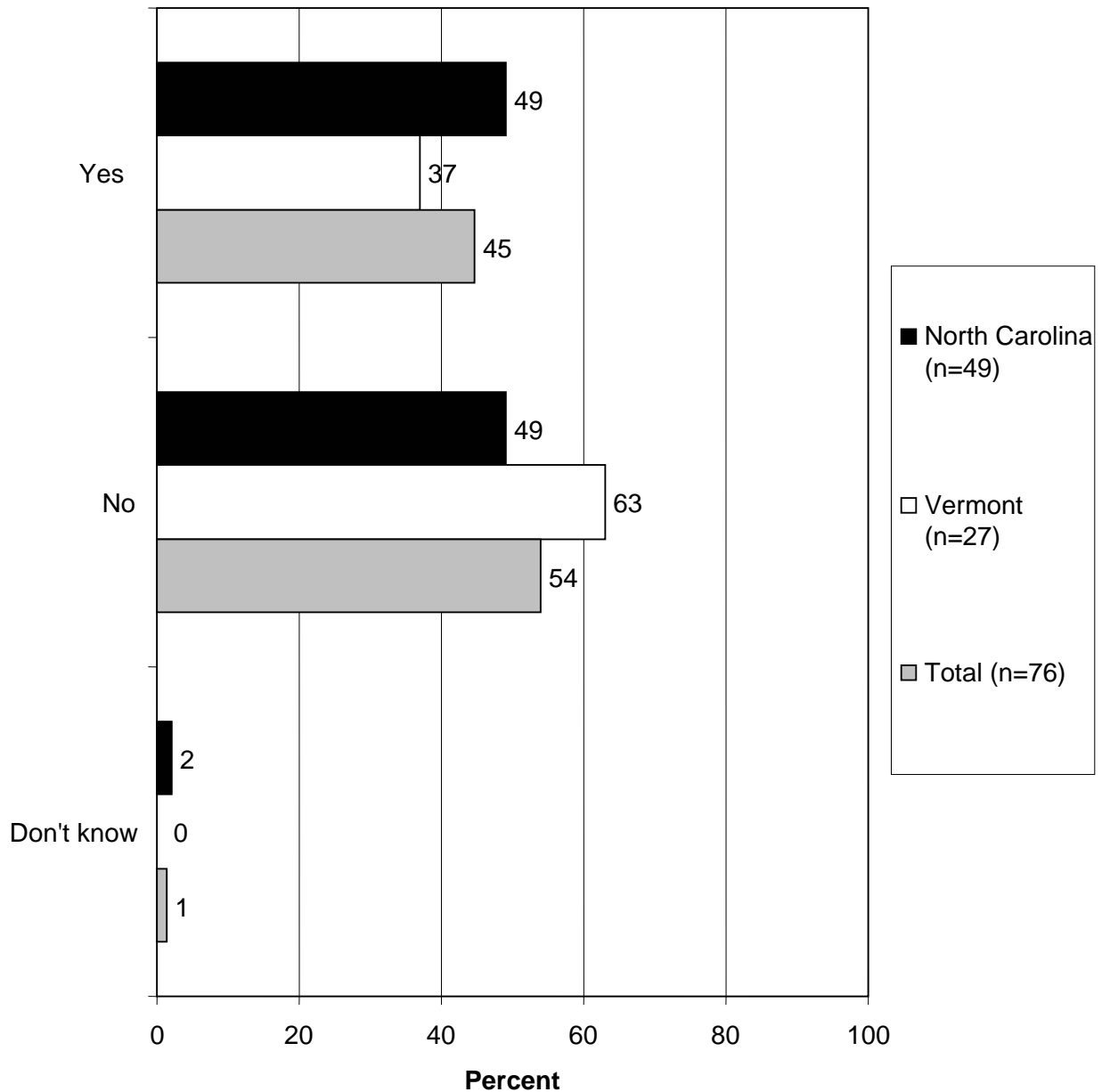
Q31. Those who indicated that they may not have taken as many precautions as they could were asked to give the reason for not taking as many precautions as they could: 33% said that they didn't think about it, and 21% said time/hassle.

Q112. A slight majority (53%) of hunters who had been involved in an elevated hunting stand accident had read the instructions regarding the use of the stand; 43% had not read the instructions.

Q113. Most hunters (74%) who had been involved in an elevated hunting stand accident changed their habits or hunting techniques as a result of the accident. However, 25% said that they had not changed their habits or hunting techniques. Only 1 hunter, from North Carolina, had quit hunting altogether.

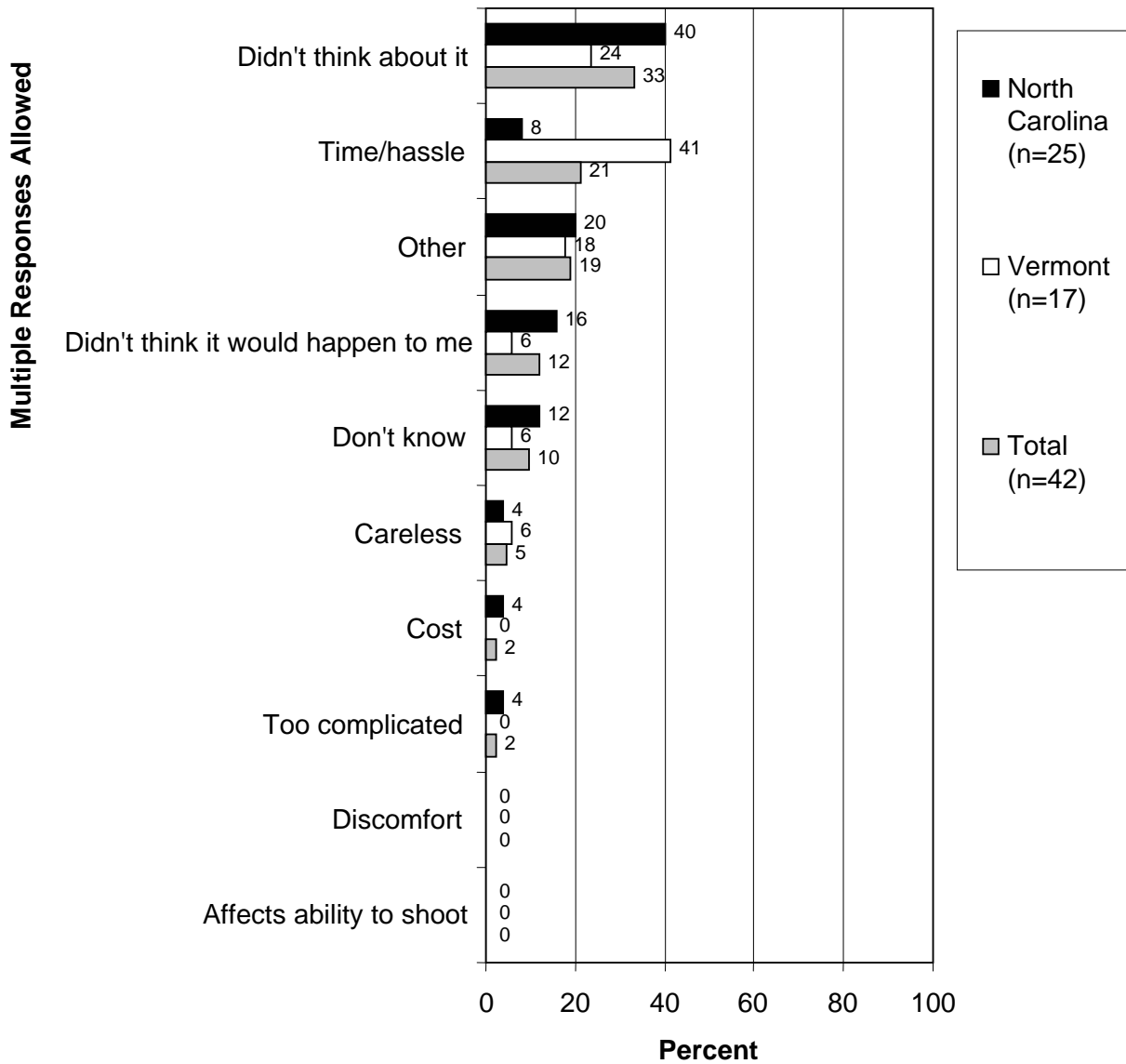
Q115. Of those who said that their accident had caused them to change their habits or hunting techniques, 52% said they simply exercise more caution while in the elevated hunting stand, 34% said they now wear a fall-restraint device, and 29% said they now use a different type of elevated stand.

**Q29. Do you feel you took as much precaution as you could to prevent the most recent accident?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**

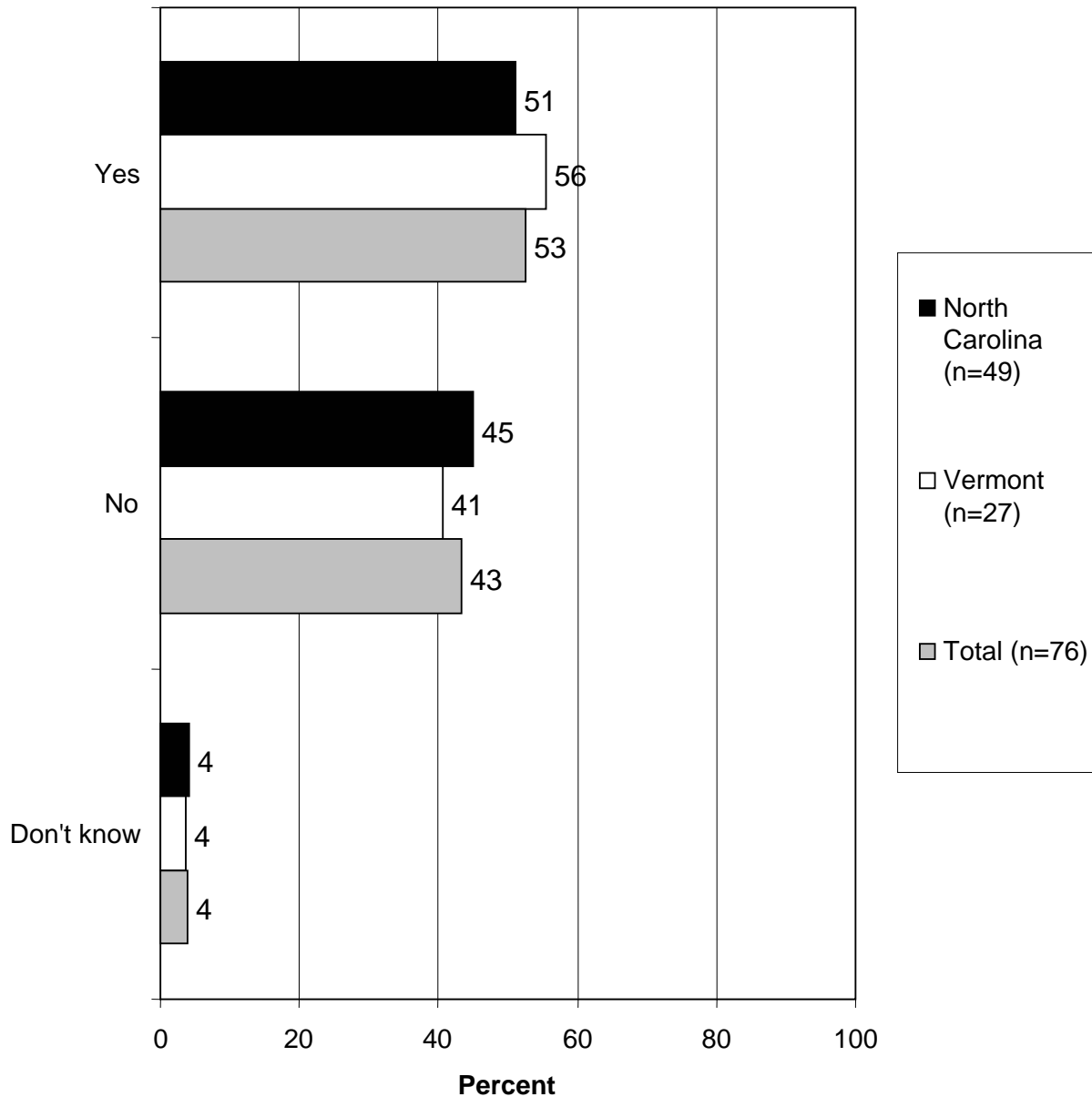


Q31. What are the main reasons you do not take greater safety precautions while using an elevated hunting stand?

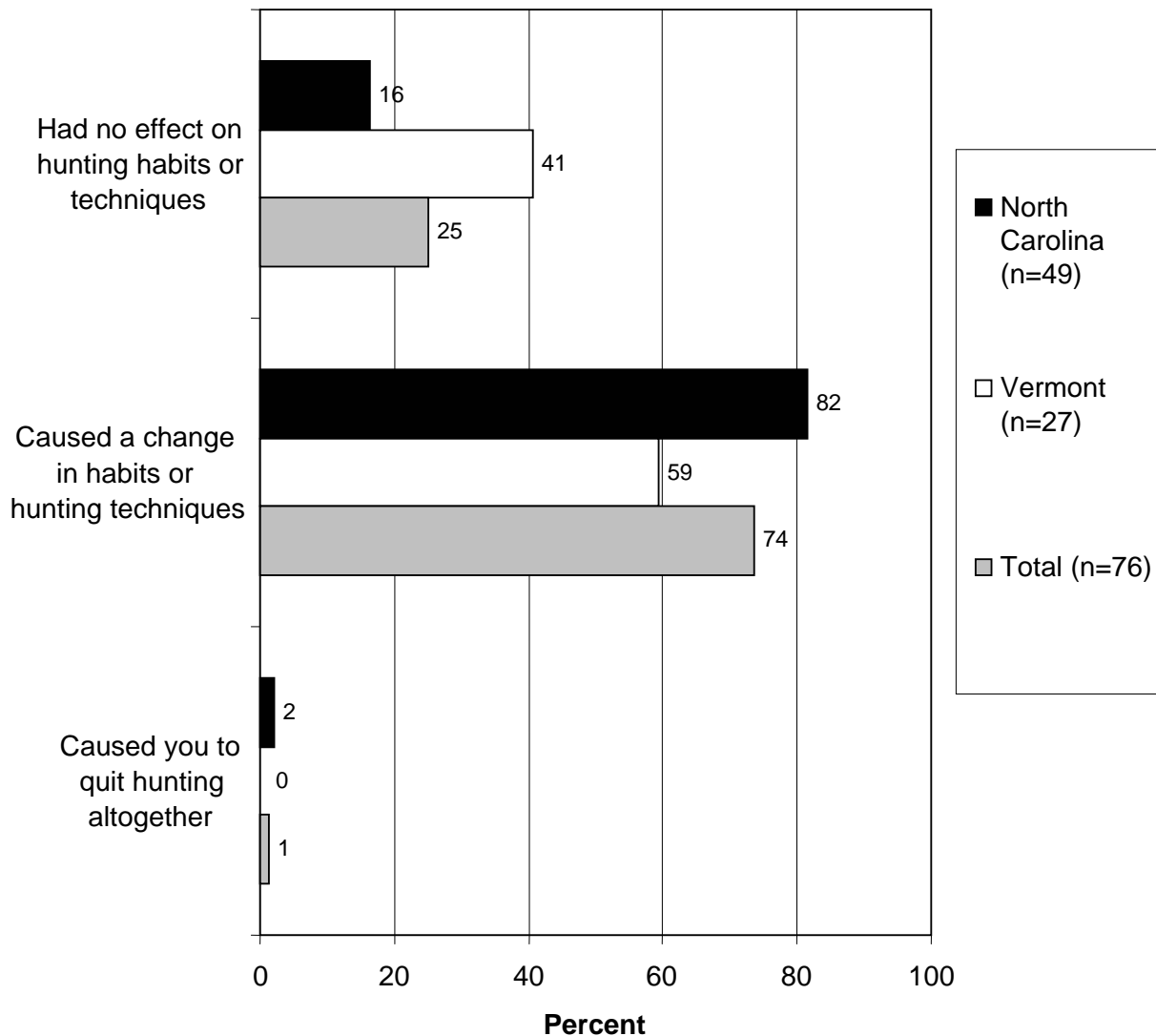
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and had not taken adequate precautions to prevent the fall)



**Q112. Did you read the instructions regarding the use of the stand, if provided?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**

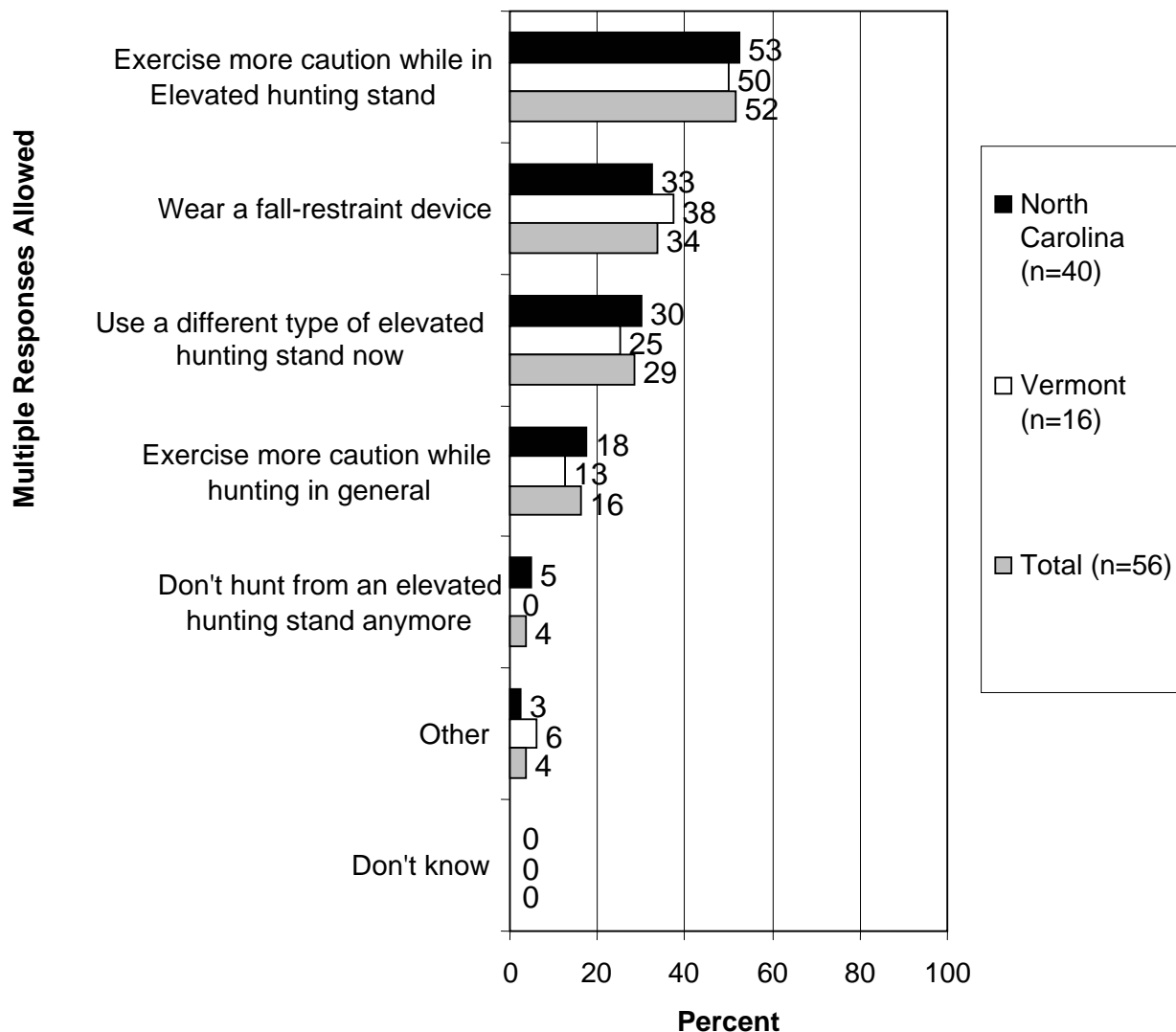


**Q113. How did your most recent accident affect your hunting behavior? Would you say that it had no effect on your habits or hunting techniques, that it caused you to change your habits or hunting techniques, or that it caused you to quit hunting?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



Q115. In what way did the most recent accident cause you to change your hunting habits or techniques?

(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years and that the accident had caused them to change their behavior)



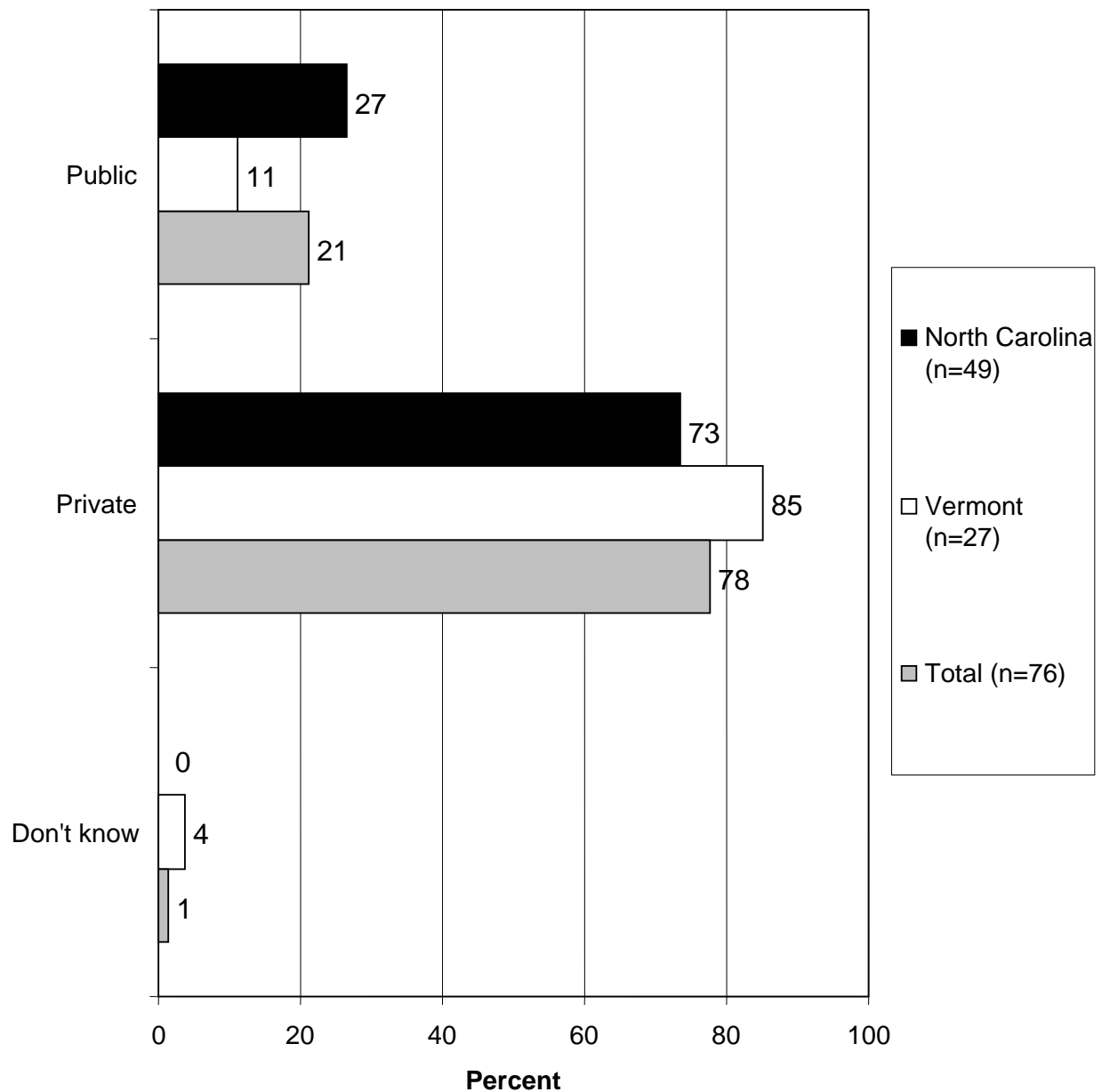
CONDITIONS AT TIME OF ACCIDENT

For Questions 22-116, respondents discussed their most recent accident, which for most was their only accident. Therefore, all statistics in the following section do not include the second accident that 6 hunters had experienced.

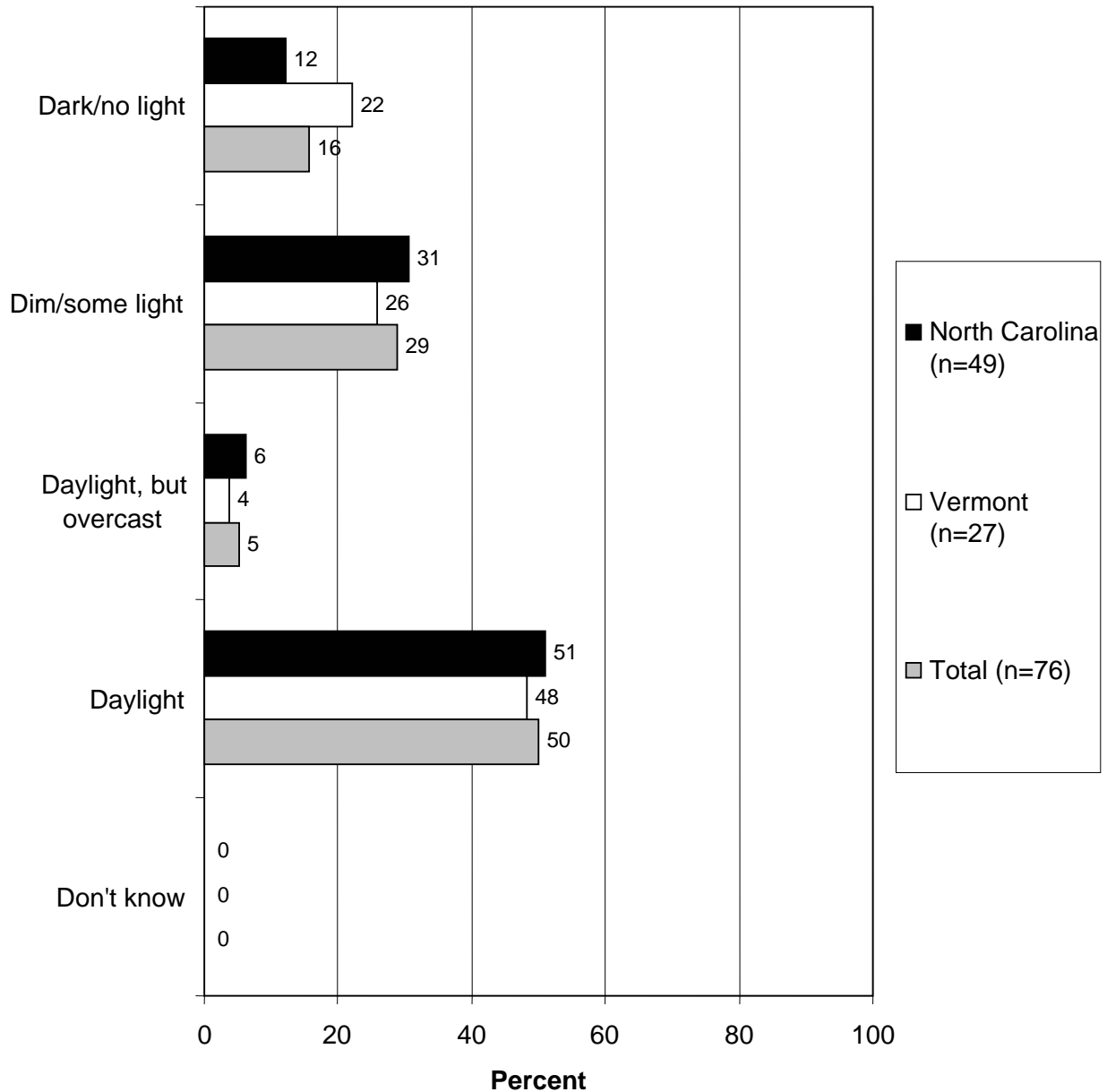
Q35. The majority of accidents occurred on private land (78%).

Q37 and Q38. One might expect that most accidents occurred in less-than-optimal conditions (dim light, rainy weather); however, the survey results show that 50% of accidents occurred in daylight, and 70% occurred in clear weather. Only 16% of accidents occurred in darkness, and only 21% occurred in wet/rainy conditions.

**Q35. Did the most recent accident occur on public or private land?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**

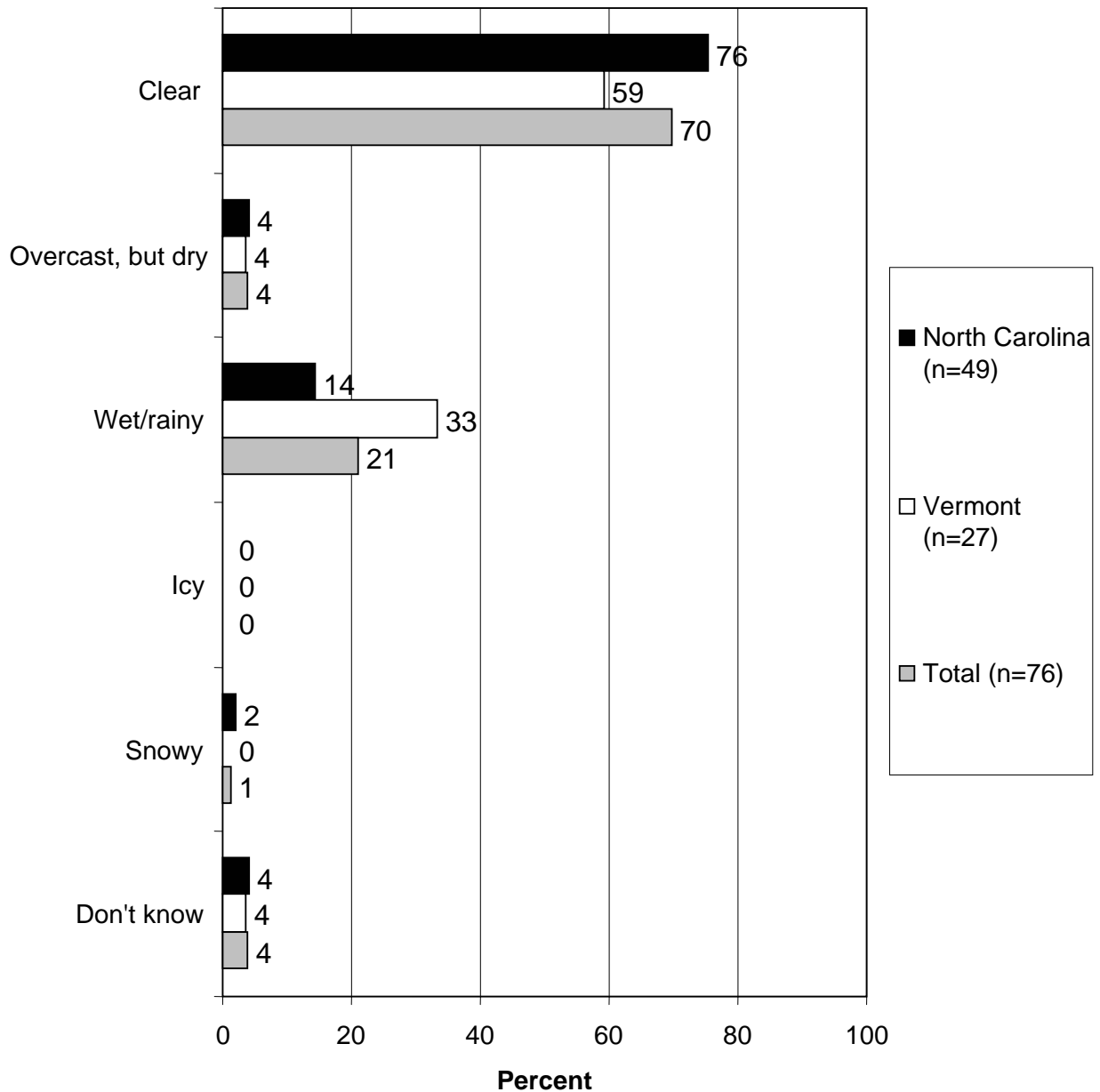


**Q37. What were the light conditions at the time of the most recent accident?
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



Q38. What were the weather conditions at the time of the most recent accident?

(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



CHARACTERISTICS OF HUNTERS WHO HAD BEEN IN AN ACCIDENT

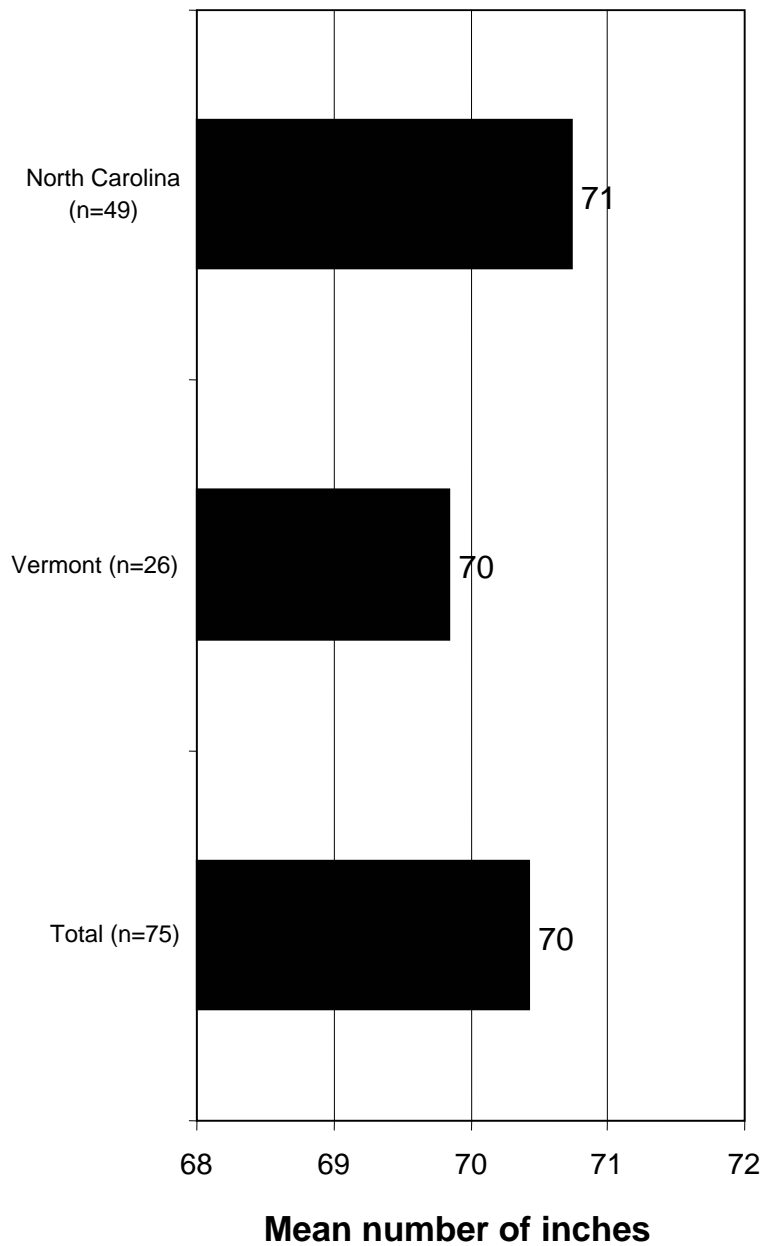
For Questions 22-116, respondents discussed their most recent accident, which for most was their only accident. Therefore, all statistics in the following section do not include the second accident that 6 hunters had experienced.

Q56, Q74, Q91, and Q105. The mean height of hunters who had been involved in an elevated stand accident was just under 5' 11" for North Carolina hunters, just under 5' 10" for Vermont hunters, and just over 5' 10" for hunters as a whole.

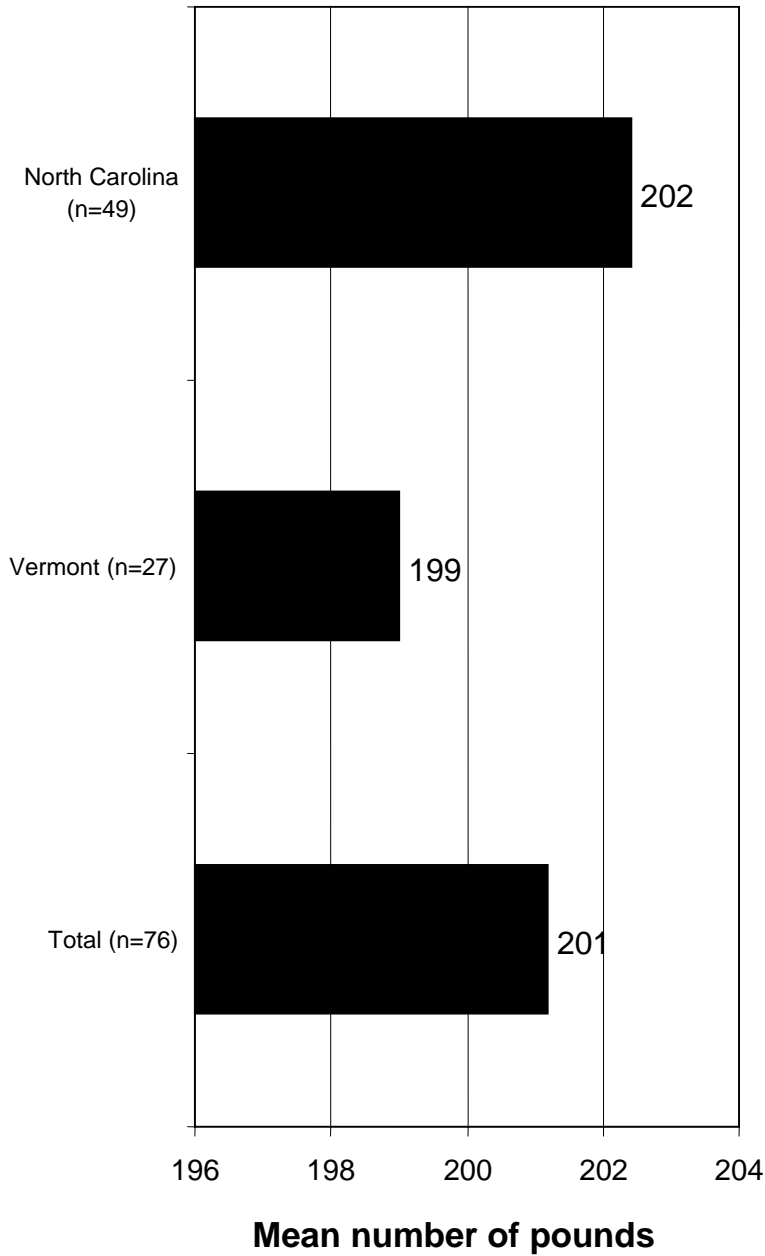
Q57, Q75, Q92, and Q106. The mean weight of hunters who had been involved in an elevated stand accident was 202 pounds for North Carolina hunters, 199 pounds for Vermont hunters, and 201 pounds for hunters as a whole.

Q58, Q76, Q93, and Q107. The mean age of hunters who had been involved in an elevated stand accident was 31 years for North Carolina hunters, 36 years for Vermont hunters, and 33 years for hunters as a whole.

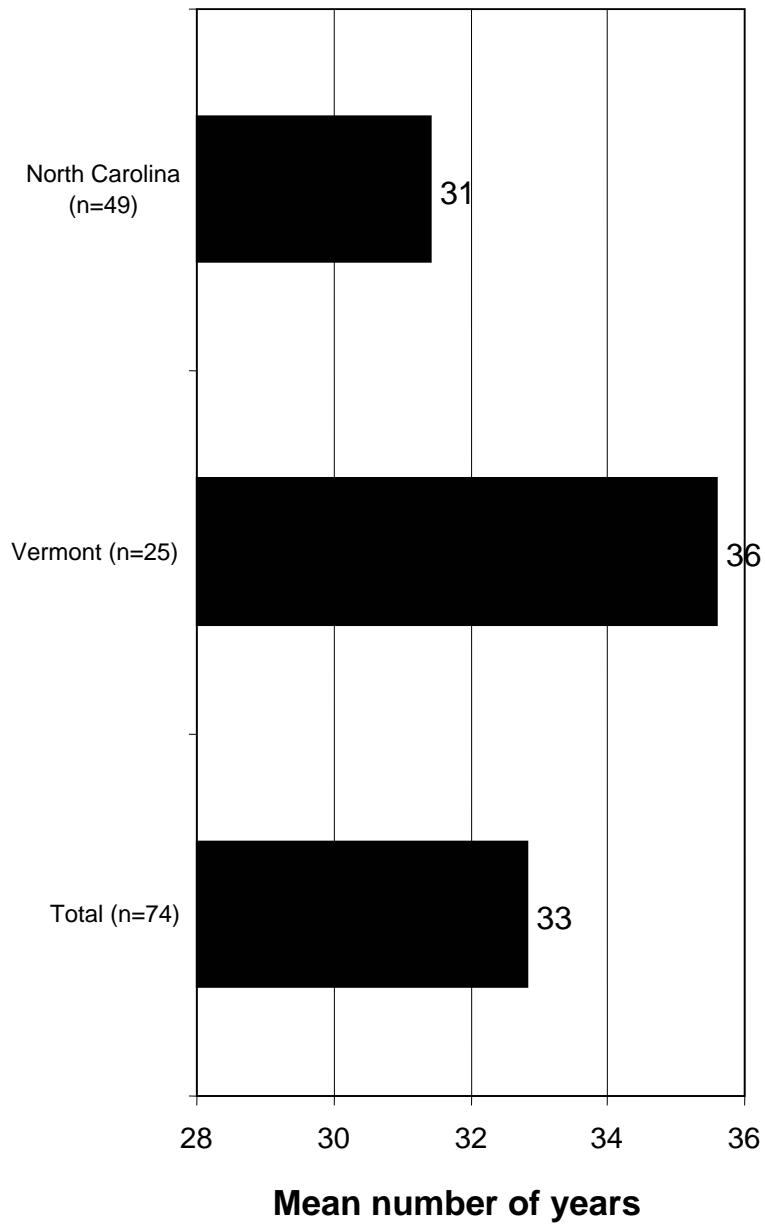
Q56, Q74, Q91, & Q105. Hunter's height (in inches) at the time of the most recent accident. (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



Q57, Q75, Q92, & Q106. Hunter's weight (in pounds) at the time of the most recent accident. (Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)



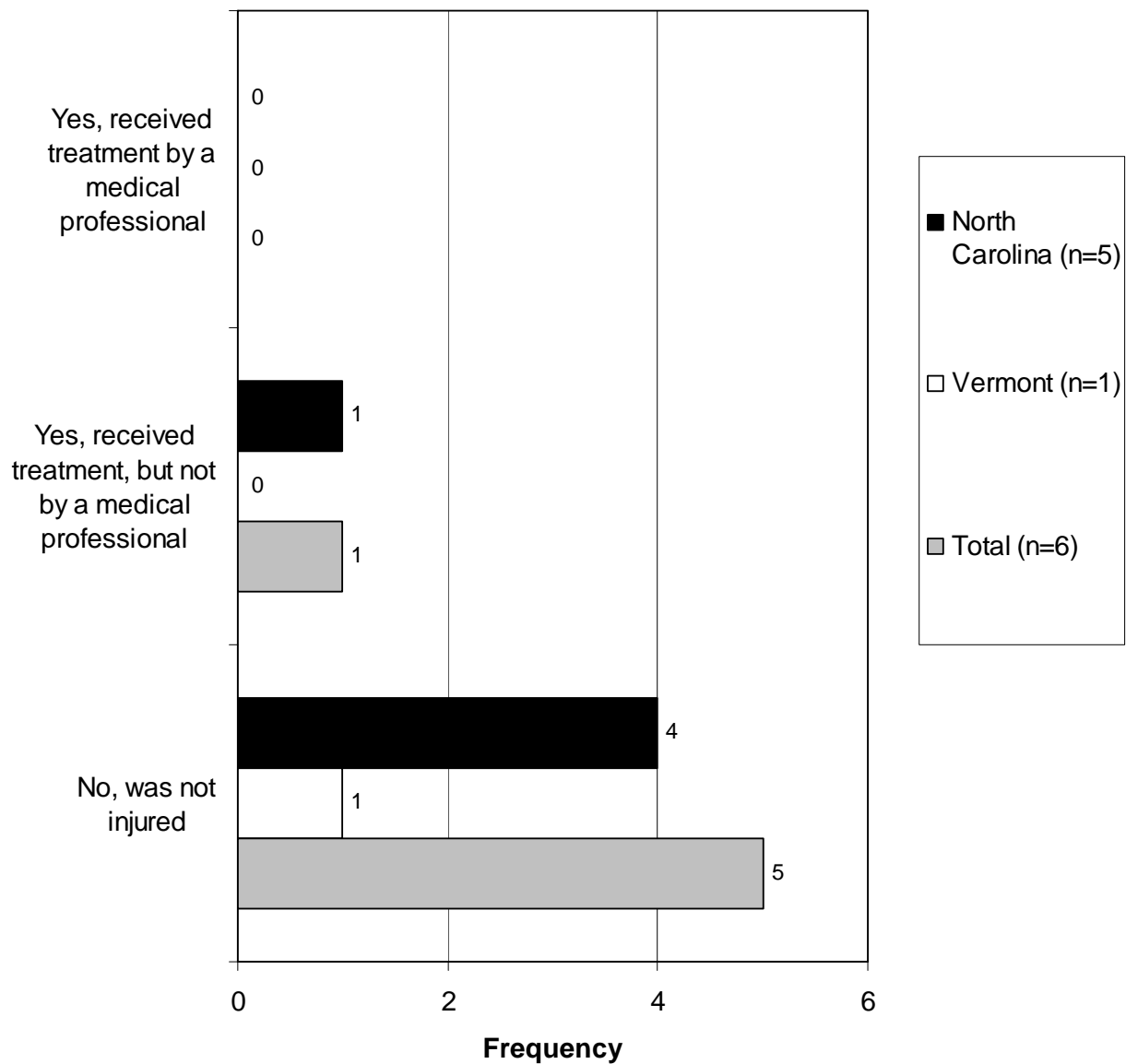
**Q58, Q76, Q93, & Q107. Hunter's age (in years) at the time of the most recent accident.
(Asked of those who indicated that they had experienced an elevated hunting stand accident in the past 10 years)**



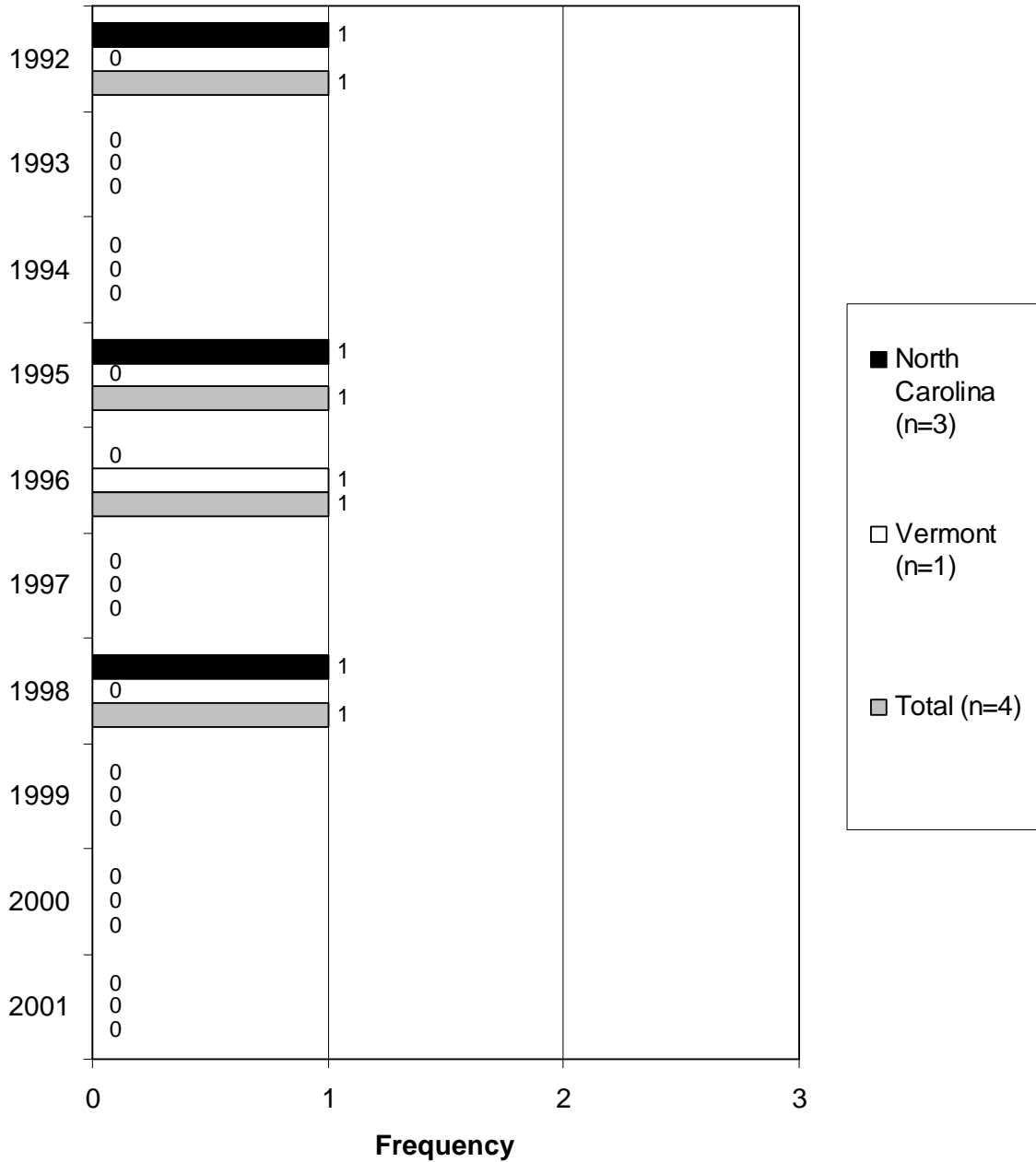
SECOND ACCIDENT

Q117-Q210. As mentioned previously, there were 6 hunters who had experienced two accidents within the previous 10 years. The graphs for the second accidents are shown on the following pages. There were no hunters who had experienced more than two accidents in the previous 10 years.

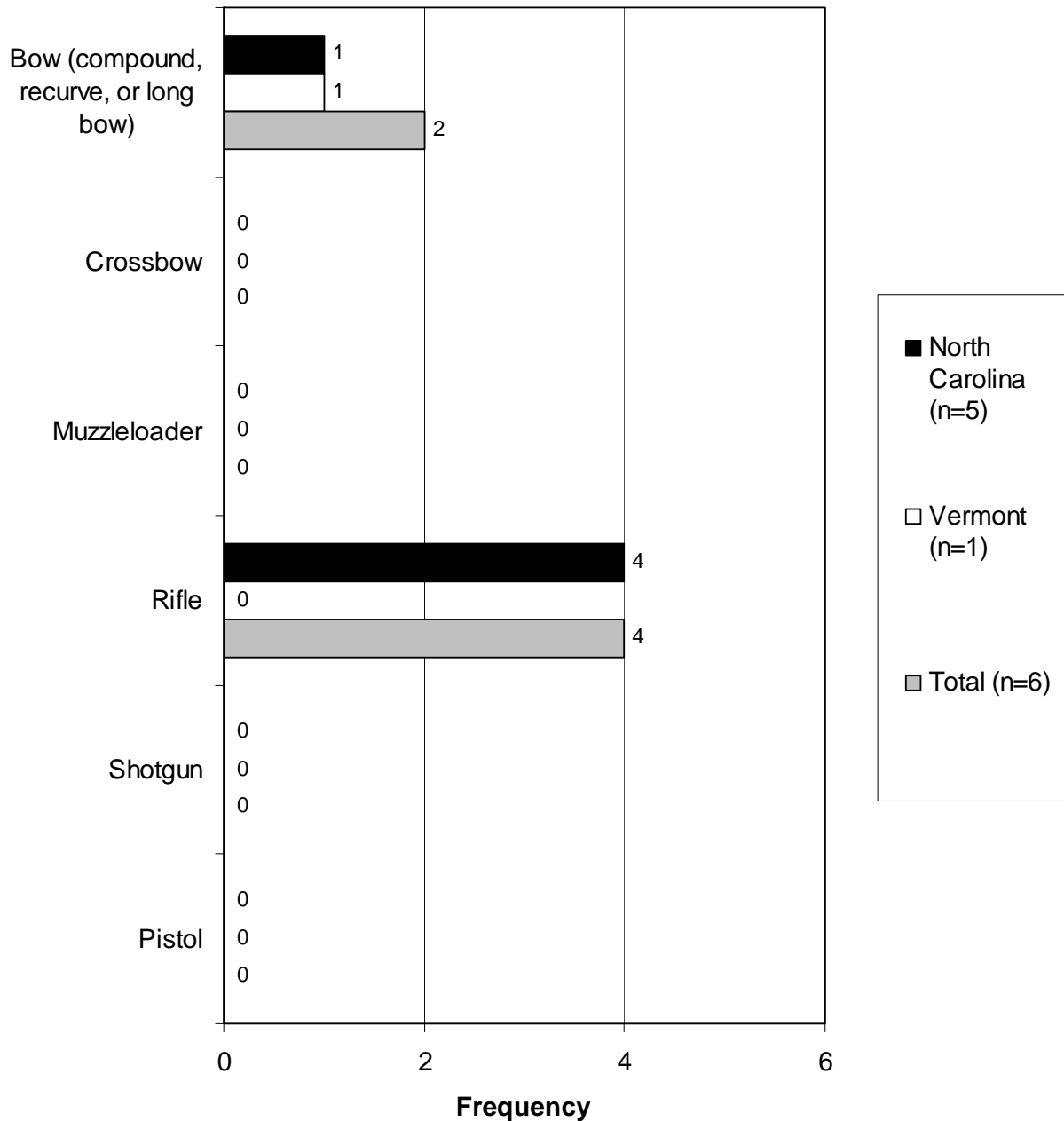
Q117. Did your second accident require any professional medical treatment, treatment by someone other than a medical professional, or were you not injured in the accident? (Asked of those who had experienced more than one accident in the past 10 years)



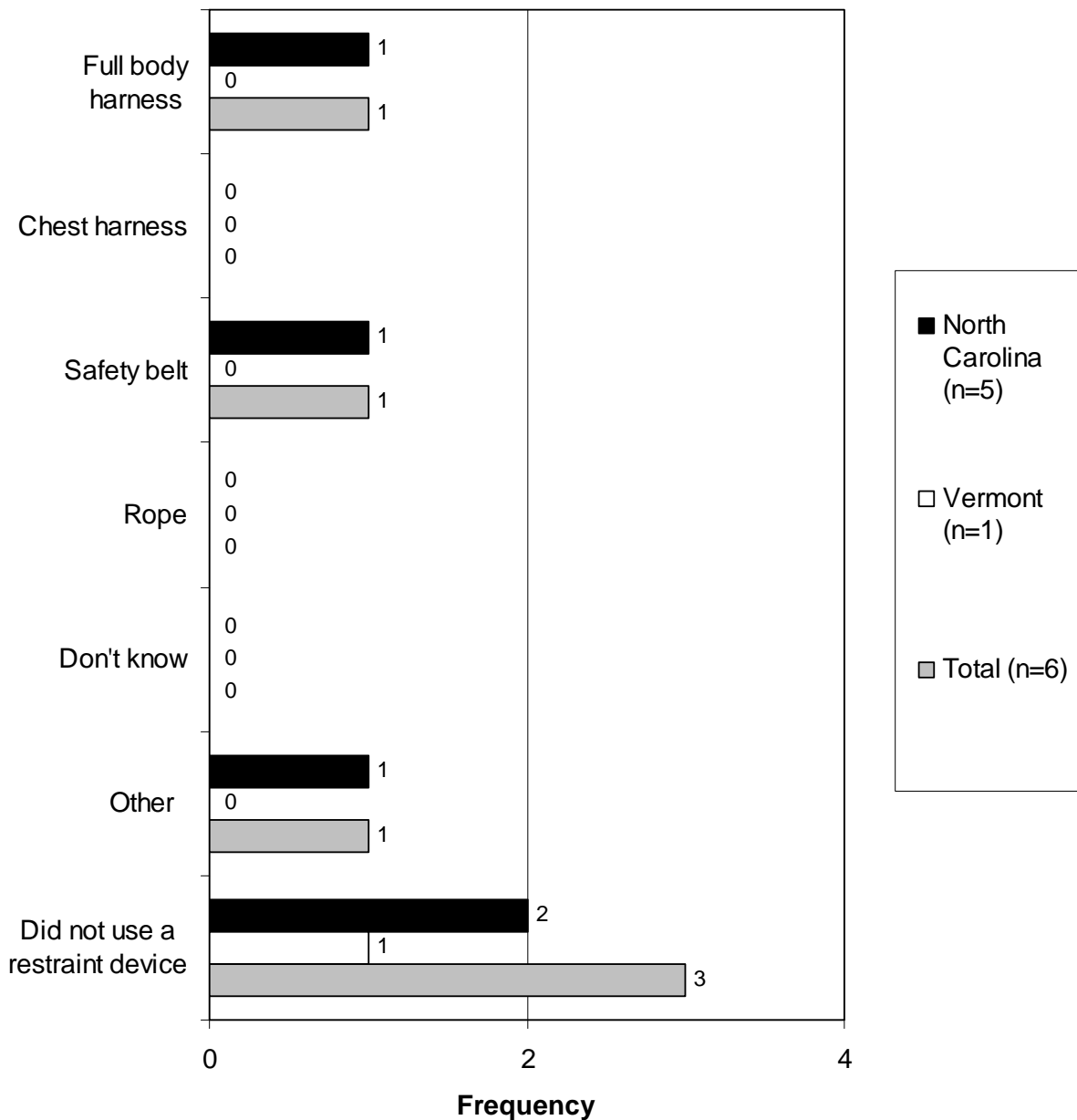
**Q118. In what year did your second accident occur?
(Asked of those who had experienced more than one accident in the past 10 years)**



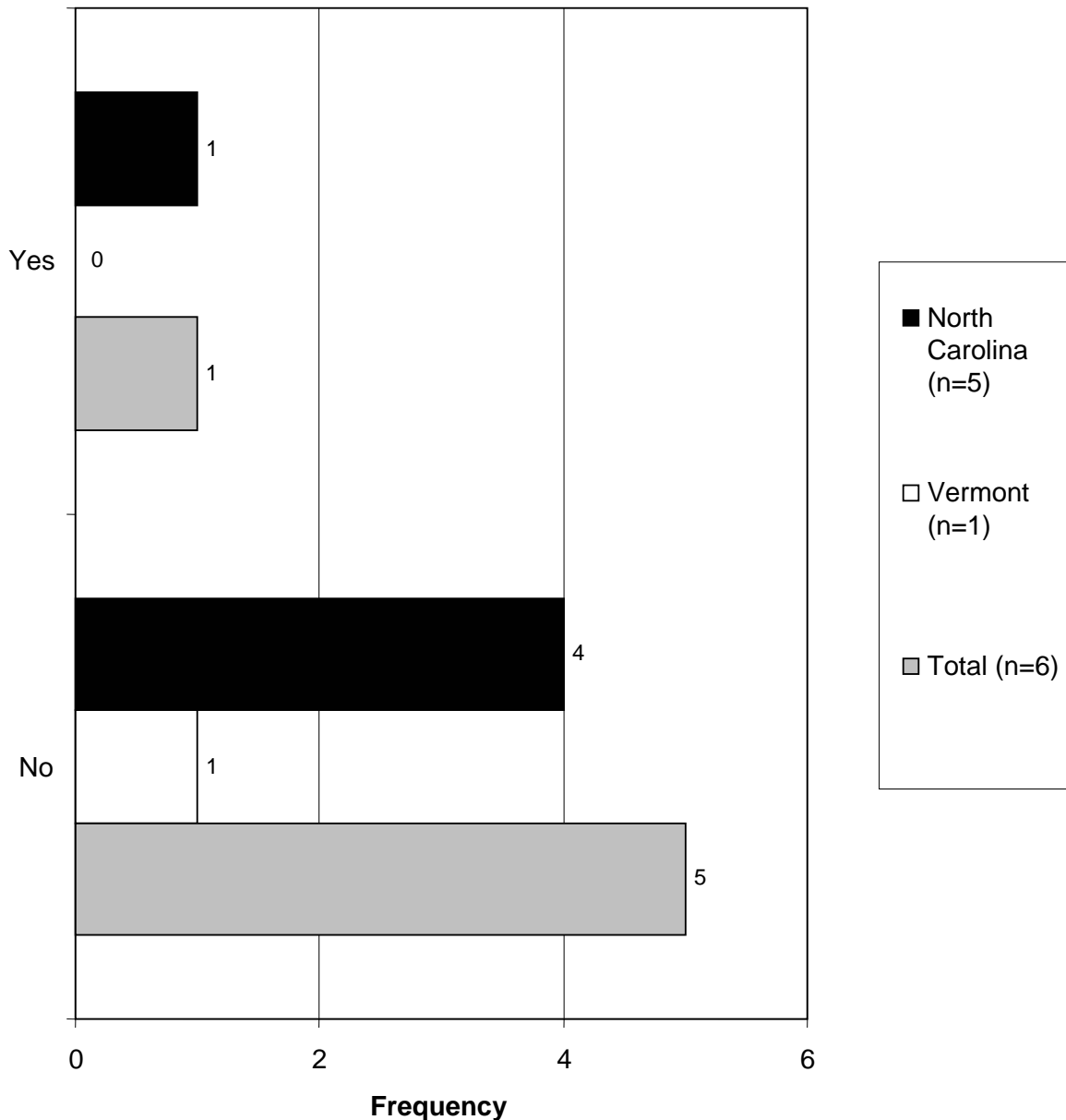
**Q119. Please identify the hunting equipment you were using at the time of your second accident.
(Asked of those who had experienced more than one accident in the past 10 years)**



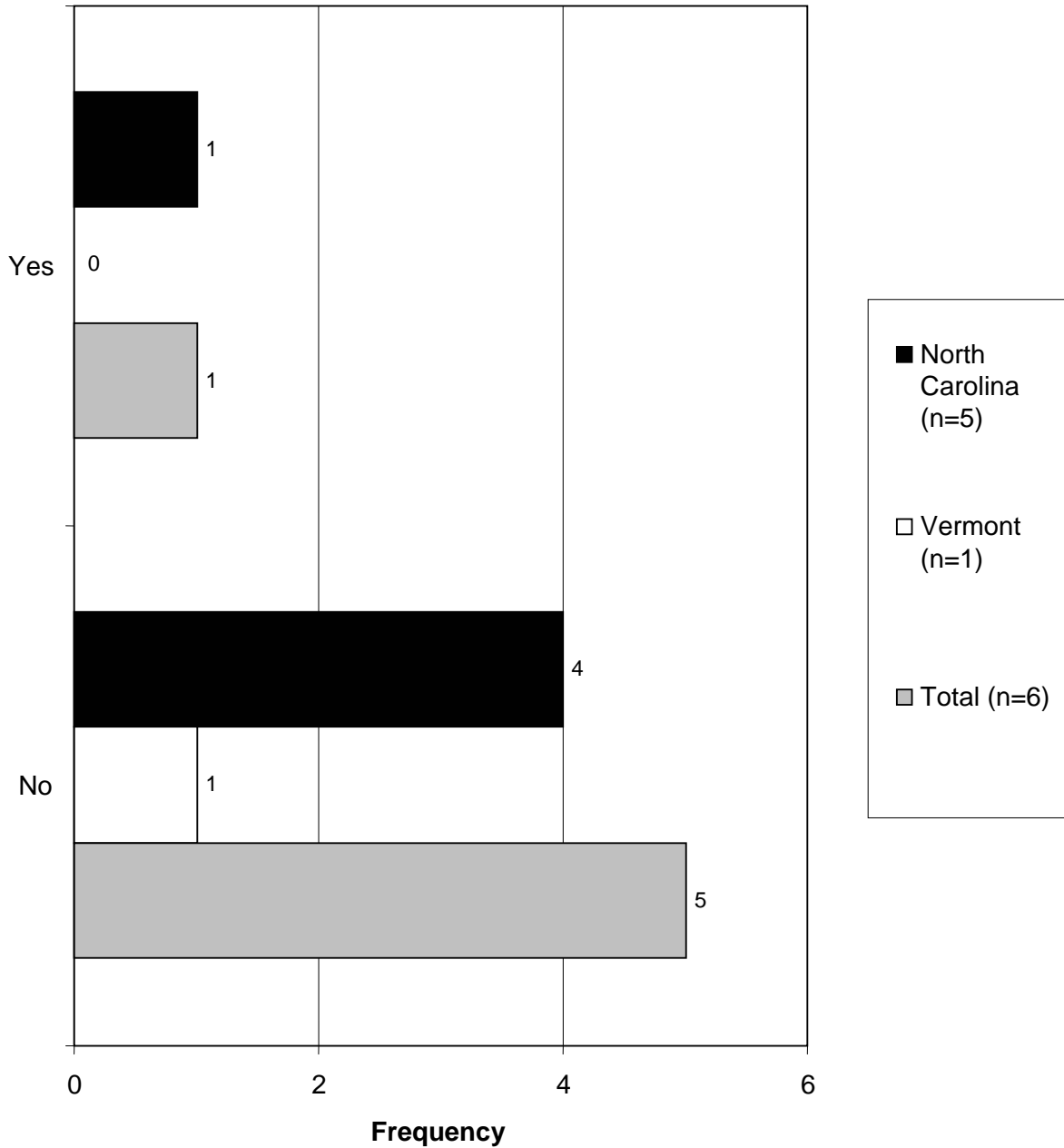
Q120. What kind of fall-restraint device did you use on the day of your second accident, or did you not use a restraint device? (Asked of those who had experienced more than one accident in the past 10 years)



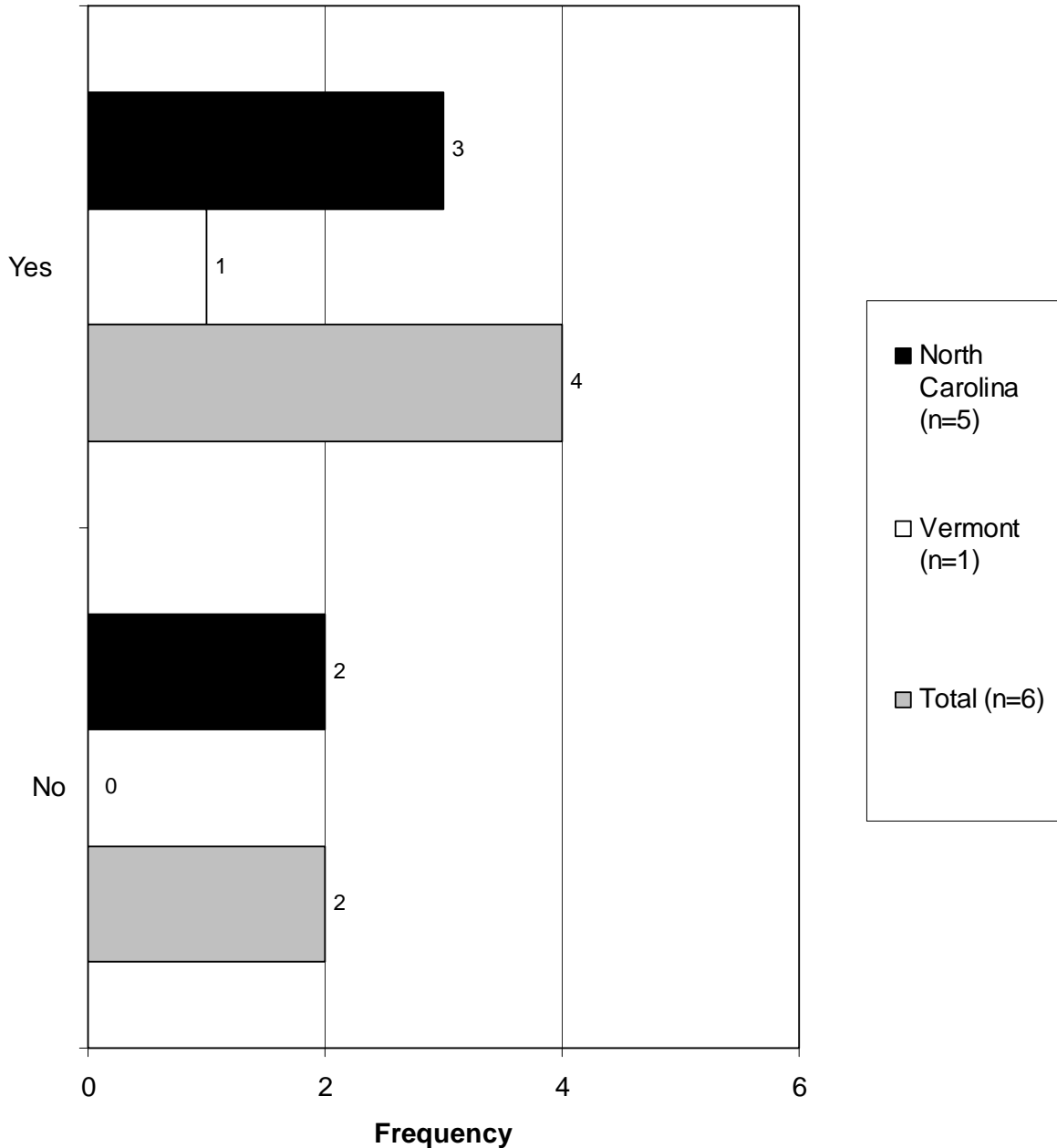
Q122. Were you wearing a fall-restraint device (such as a safety belt, harness, etc.) while climbing into the elevated hunting stand during your second accident? (Asked of those who had experienced more than one accident in the past 10 years)



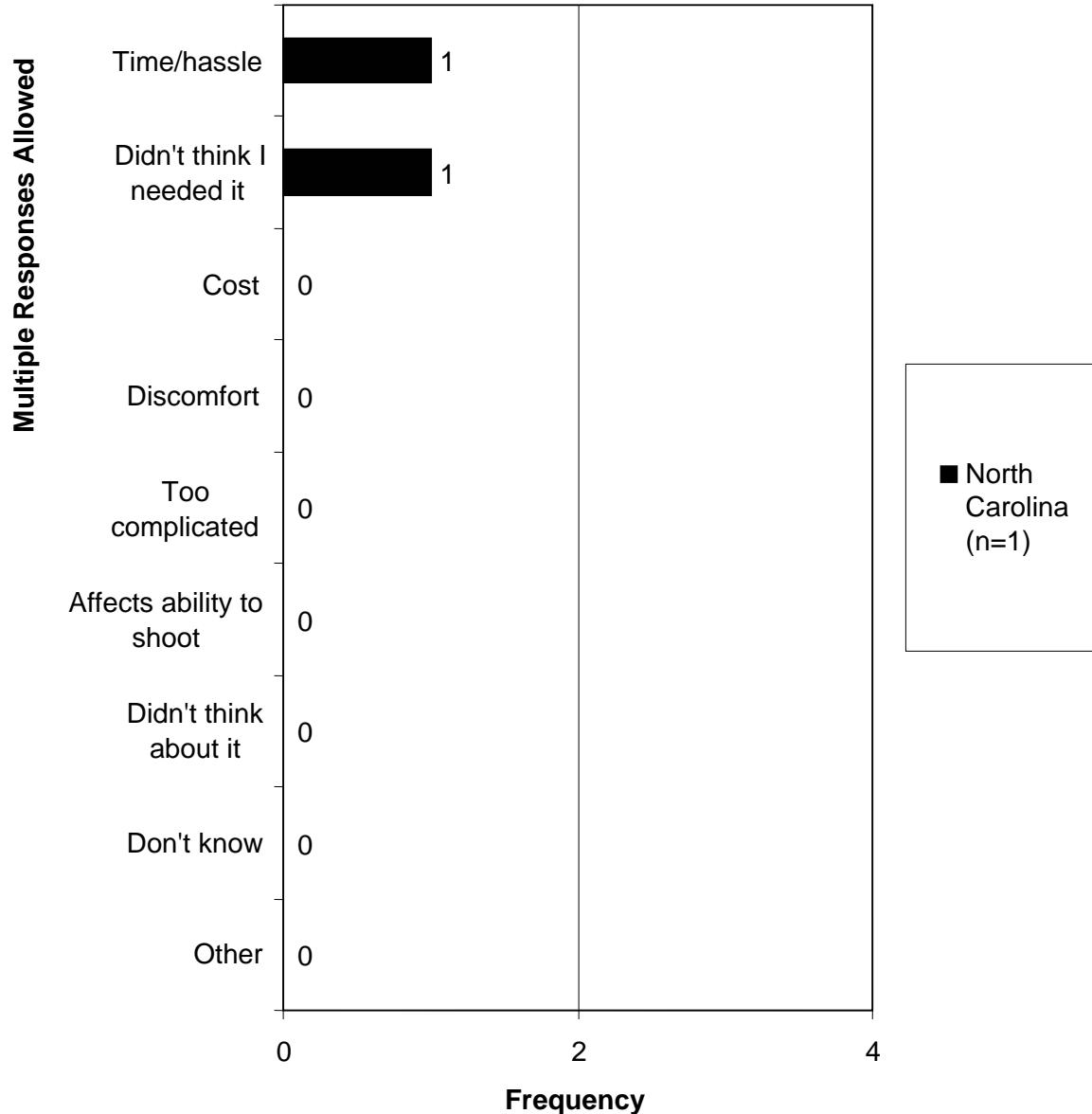
Q123. Were you wearing a fall-restraint device while in the elevated hunting stand during your second accident? (Asked of those who had experienced more than one accident in the past 10 years)



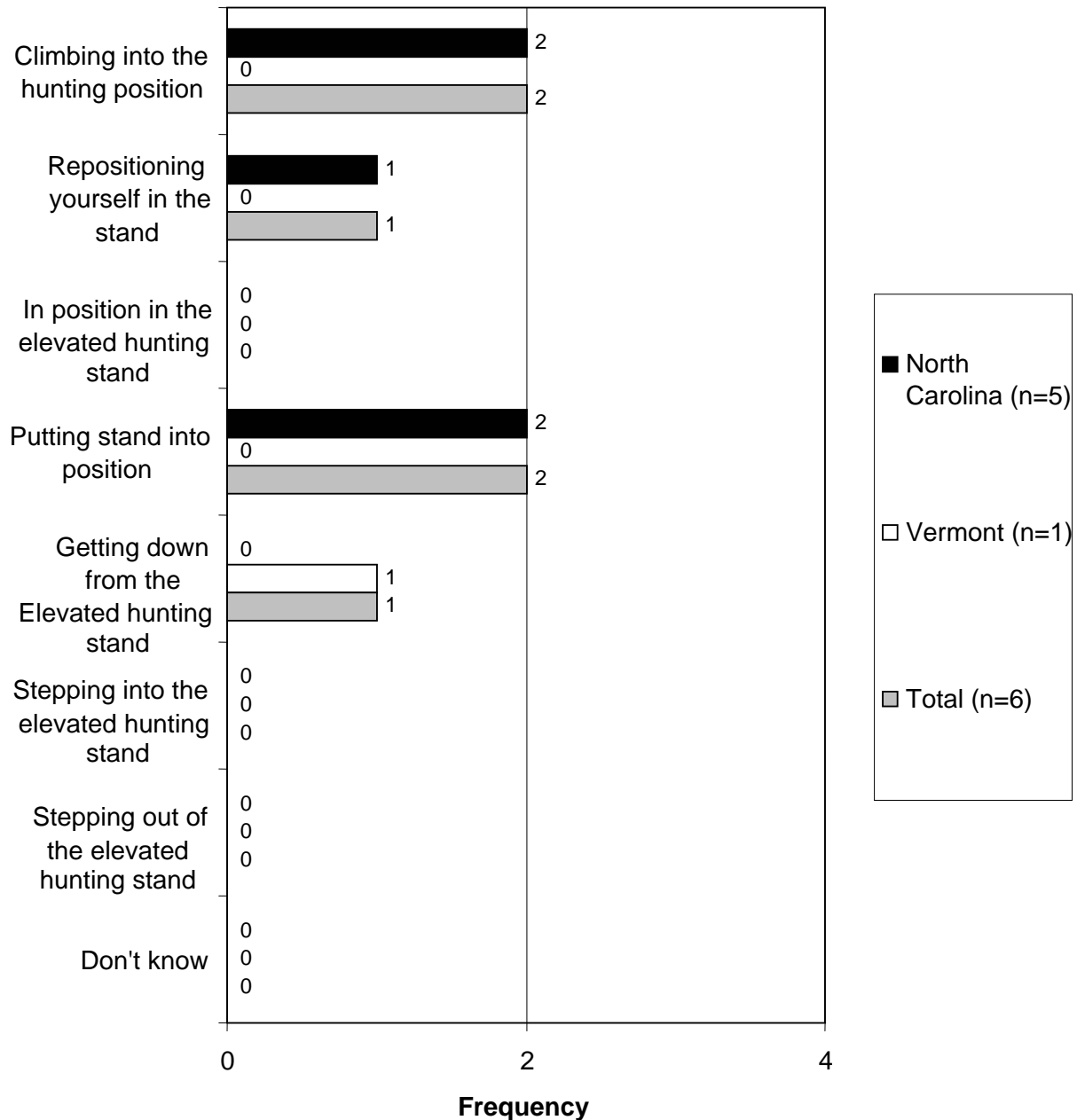
Q124. Do you feel you took as much precaution as you could to prevent your second accident? (Asked of those who had experienced more than one accident in the past 10 years)



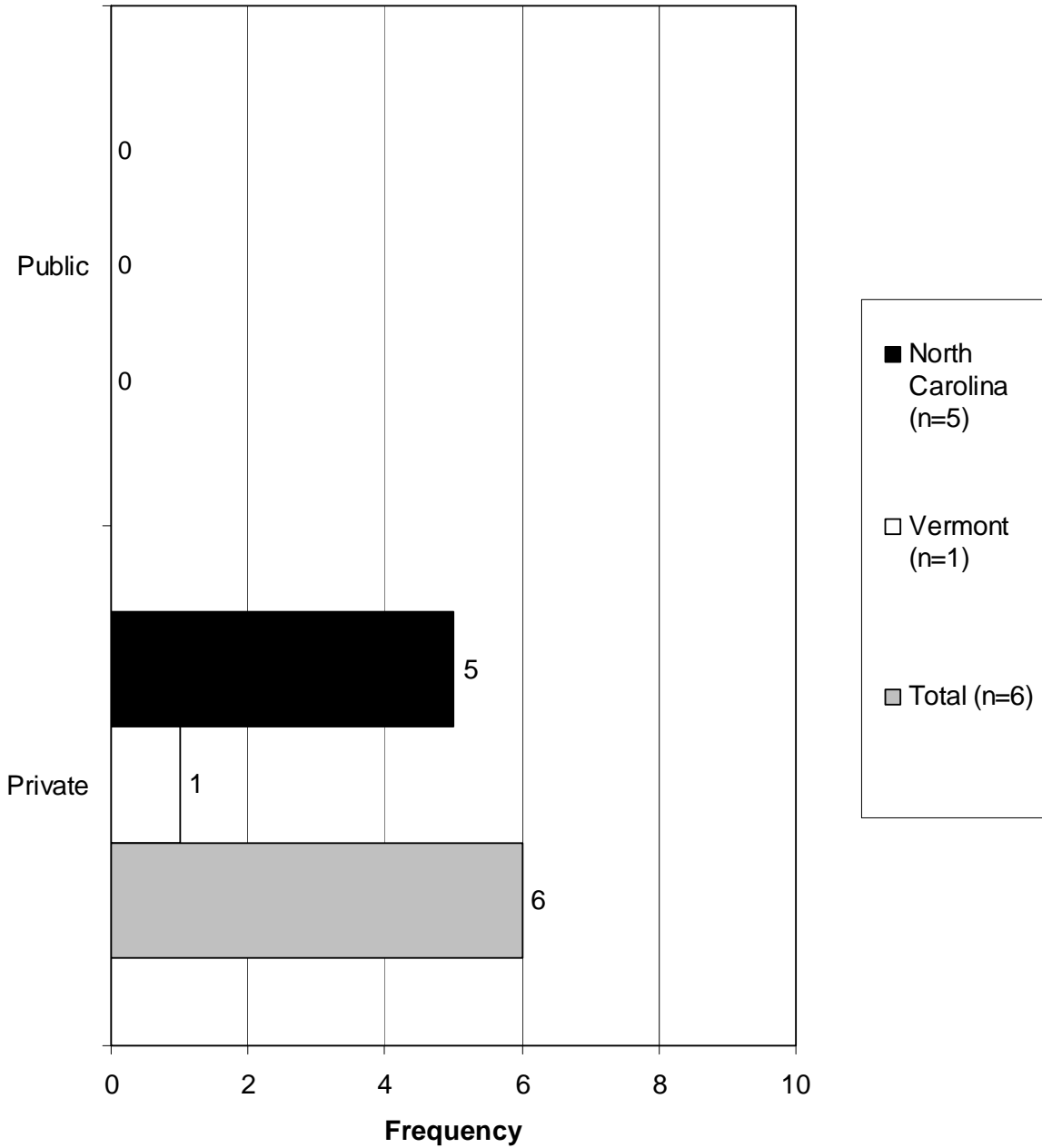
**Q126. What are the main reasons you do not take greater safety precautions while using an elevated hunting stand?
(Asked of those who had experienced more than one accident in the past 10 years and who said they had not taken enough precautions)**



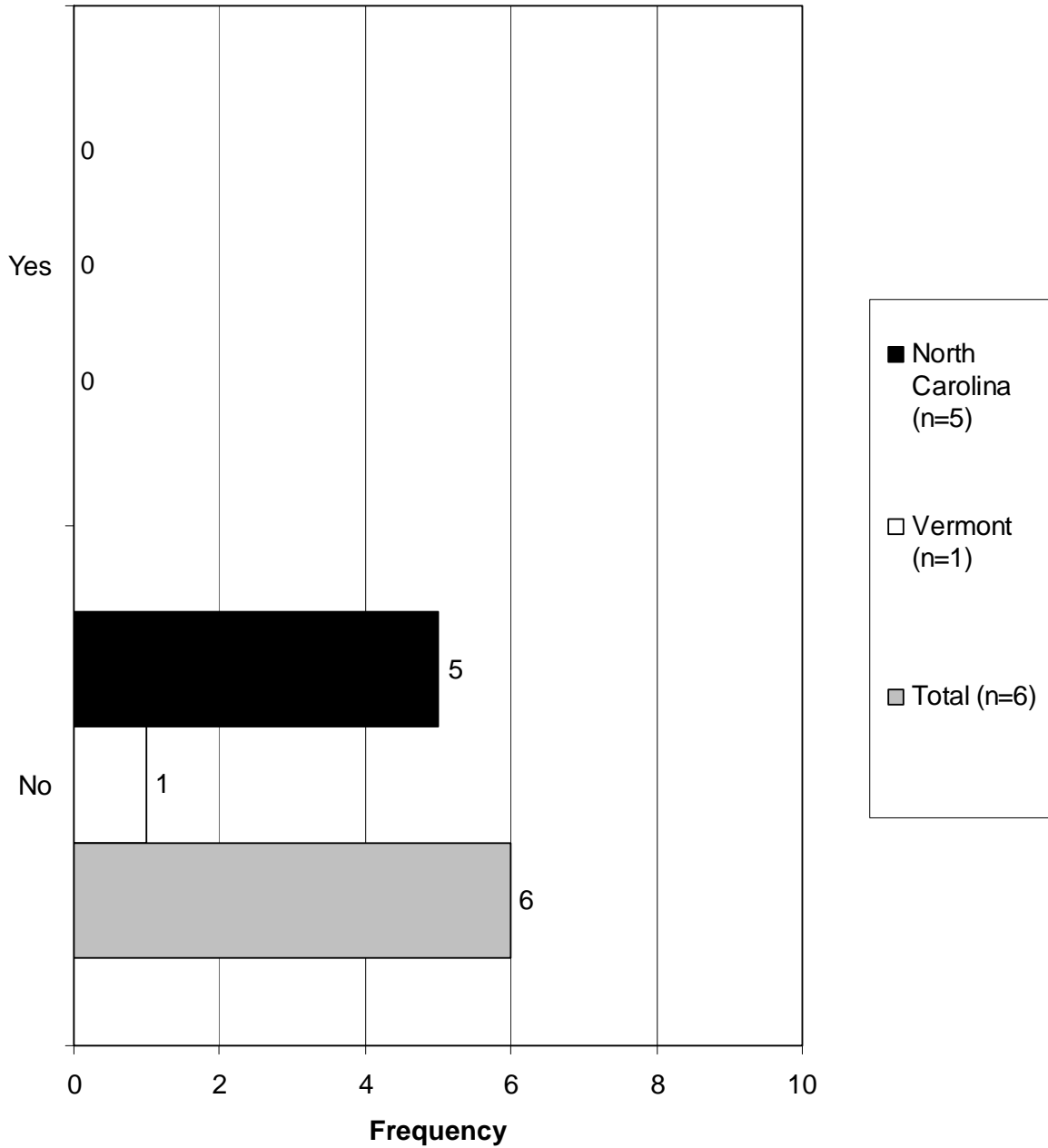
Q128. What were you doing at the time of your second accident? (Asked of those who had experienced more than one accident in the past 10 years)



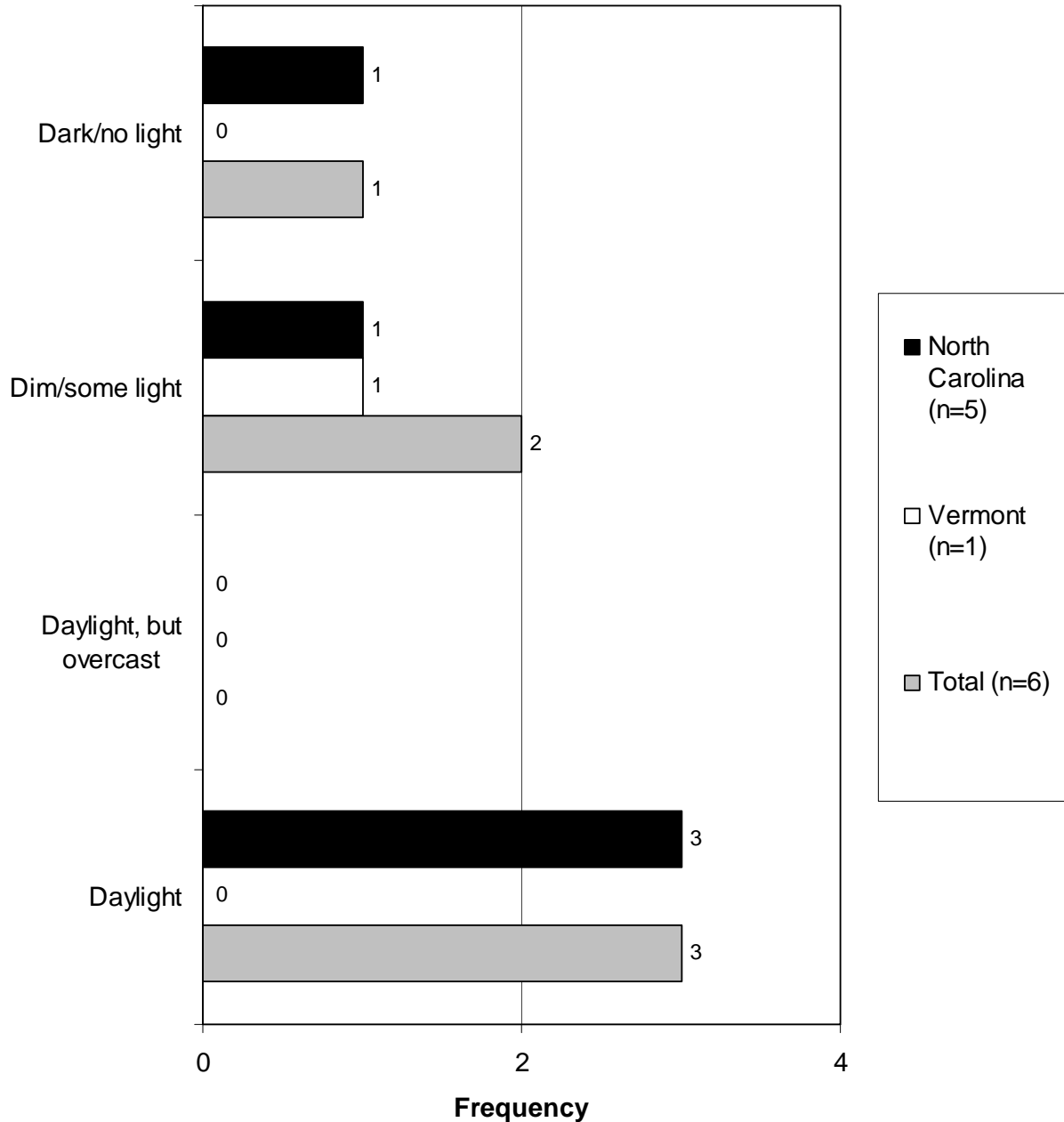
Q130. Did your second accident occur on public or private land? (Asked of those who had experienced more than one accident in the past 10 years)



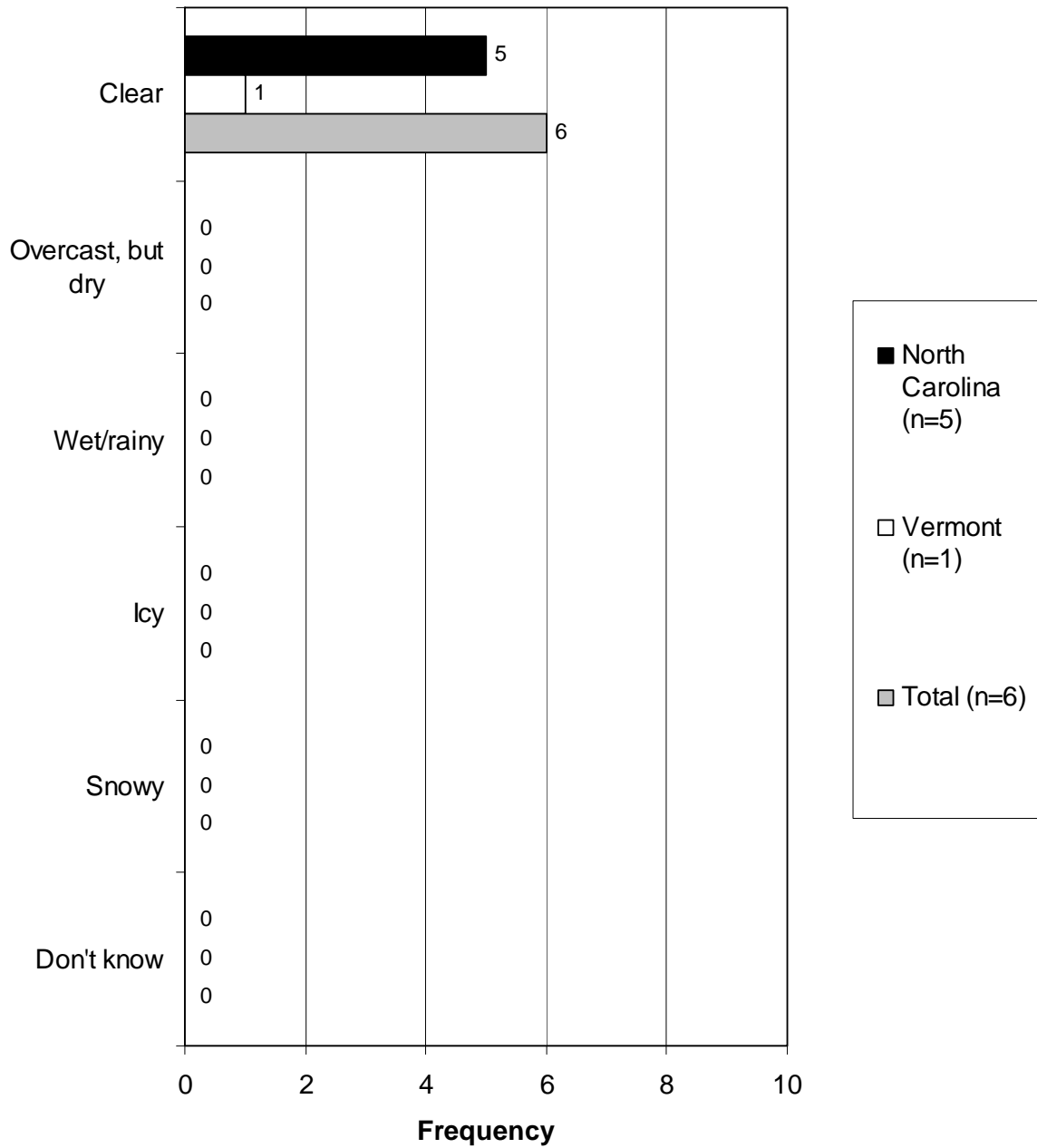
Q131. Did your second accident occur while you were shooting at game? (Asked of those who had experienced more than one accident in the past 10 years)



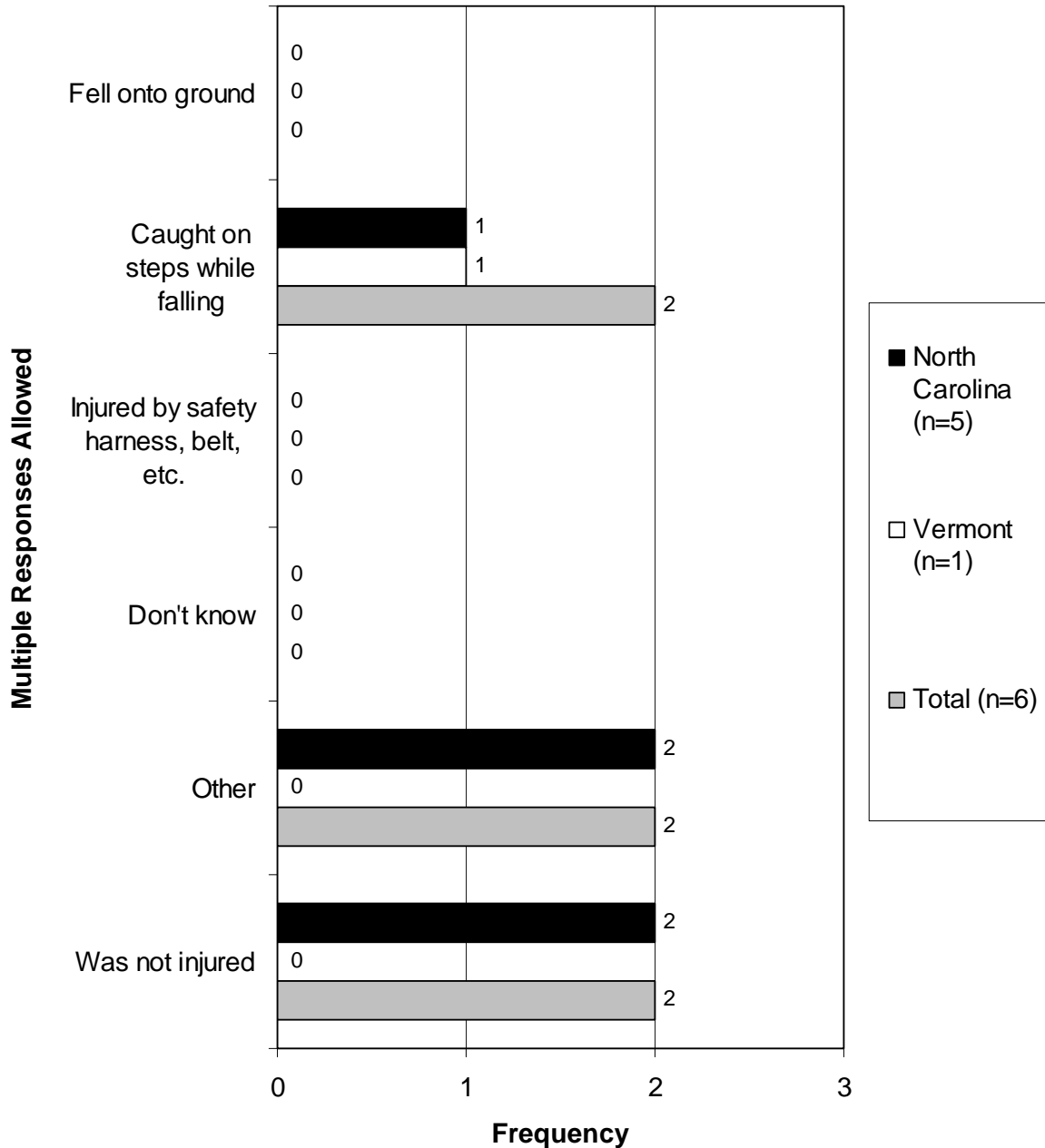
Q132. What were the light conditions at the time of your second accident? (Asked of those who had experienced more than one accident in the past 10 years)



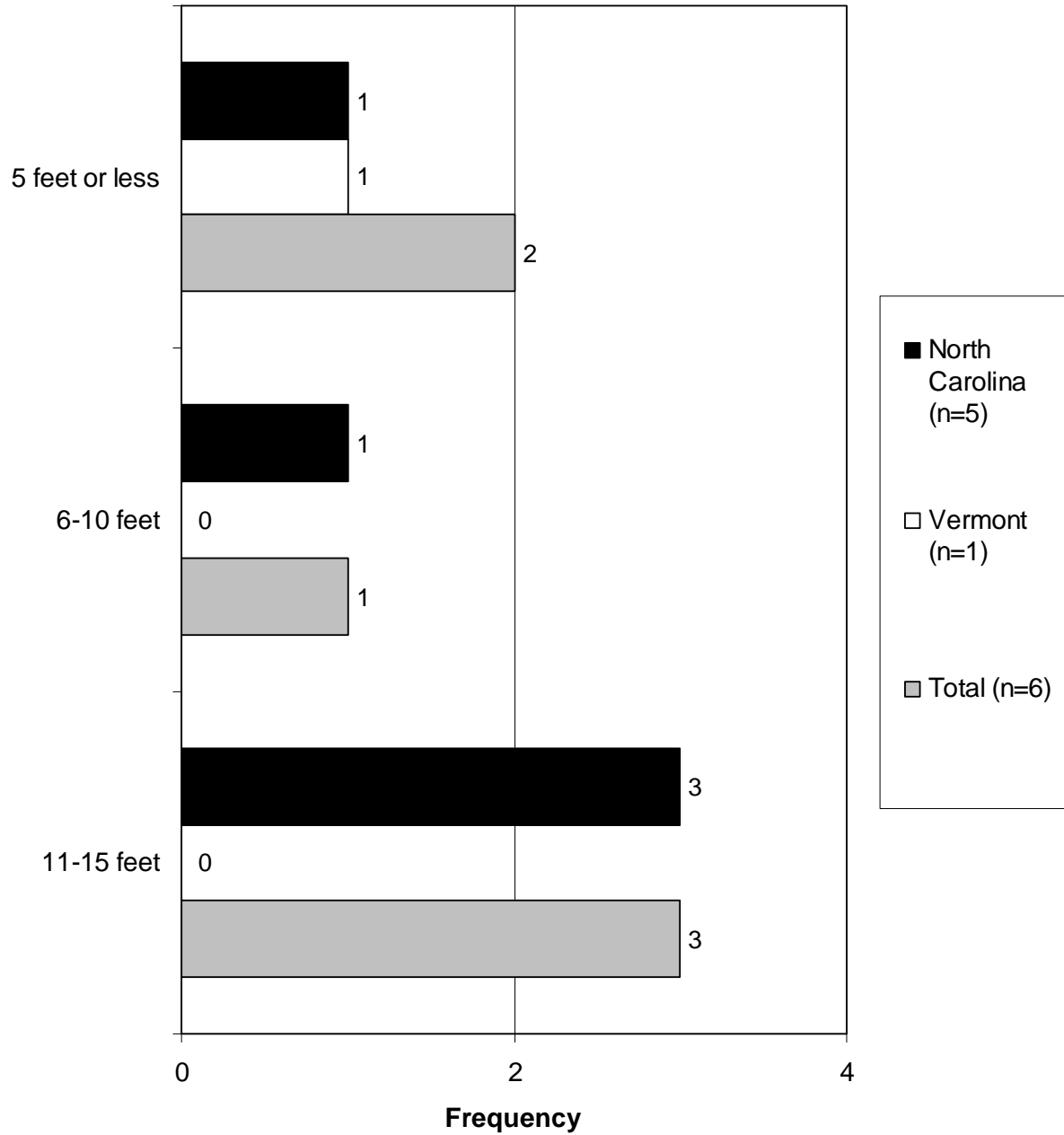
Q133. What were the weather conditions at the time of your second accident? (Asked of those who had experienced more than one accident in the past 10 years)



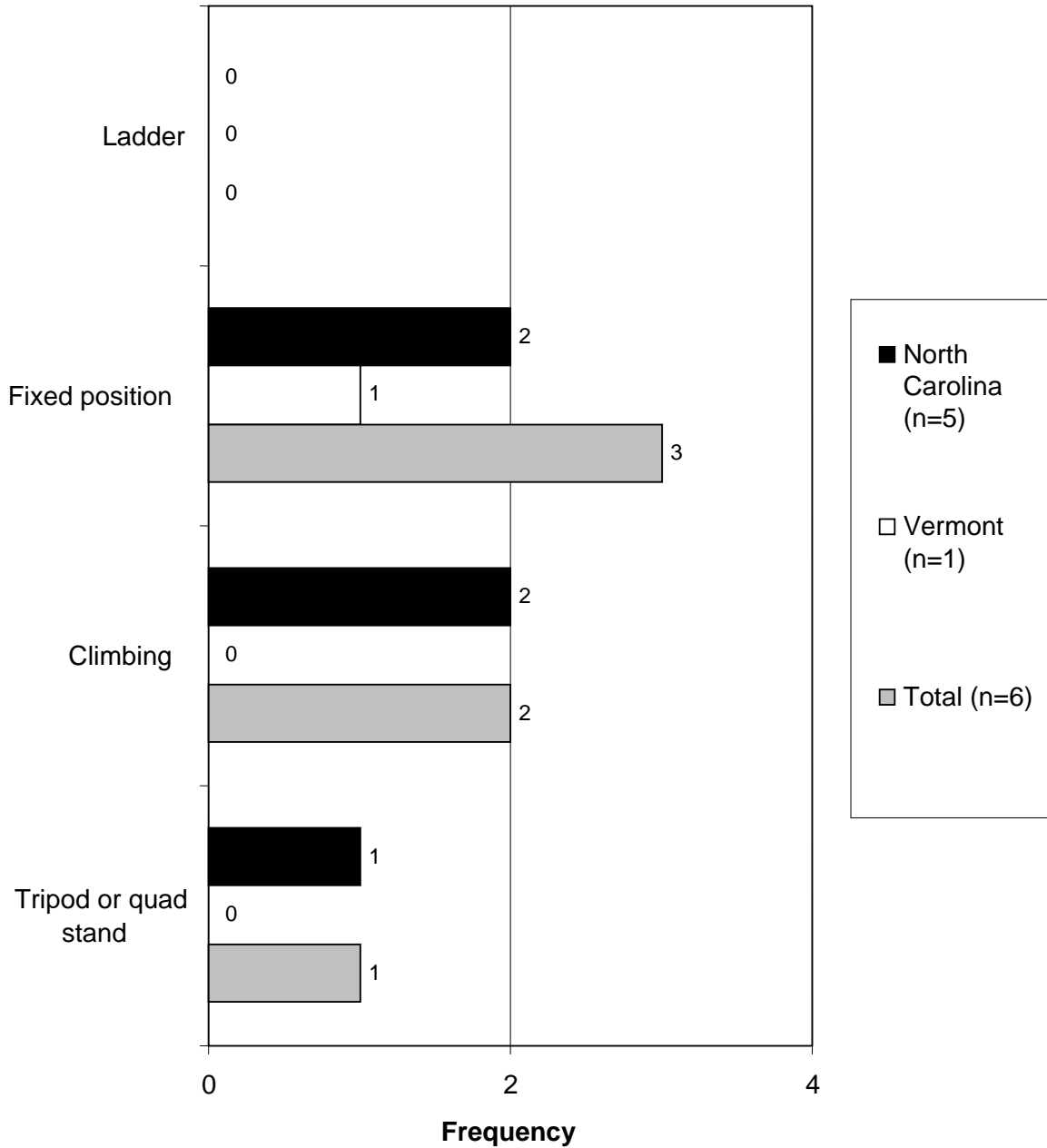
Q135. Please describe the direct causes of your injury during your second accident. (Asked of those who had experienced more than one accident in the past 10 years)



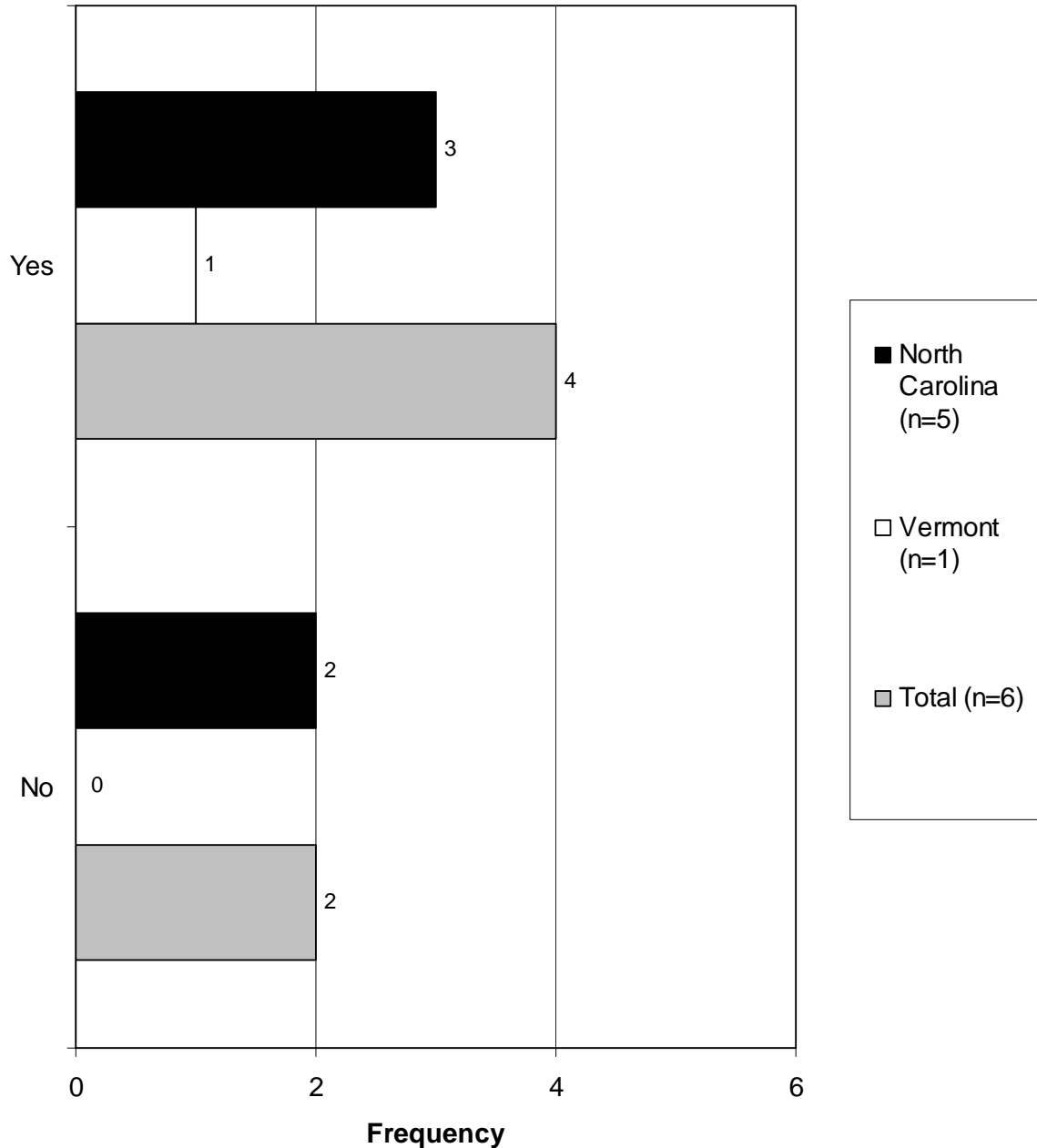
Q140. How high were you when your second accident occurred? (Asked of those who had experienced more than one accident in the past 10 years)



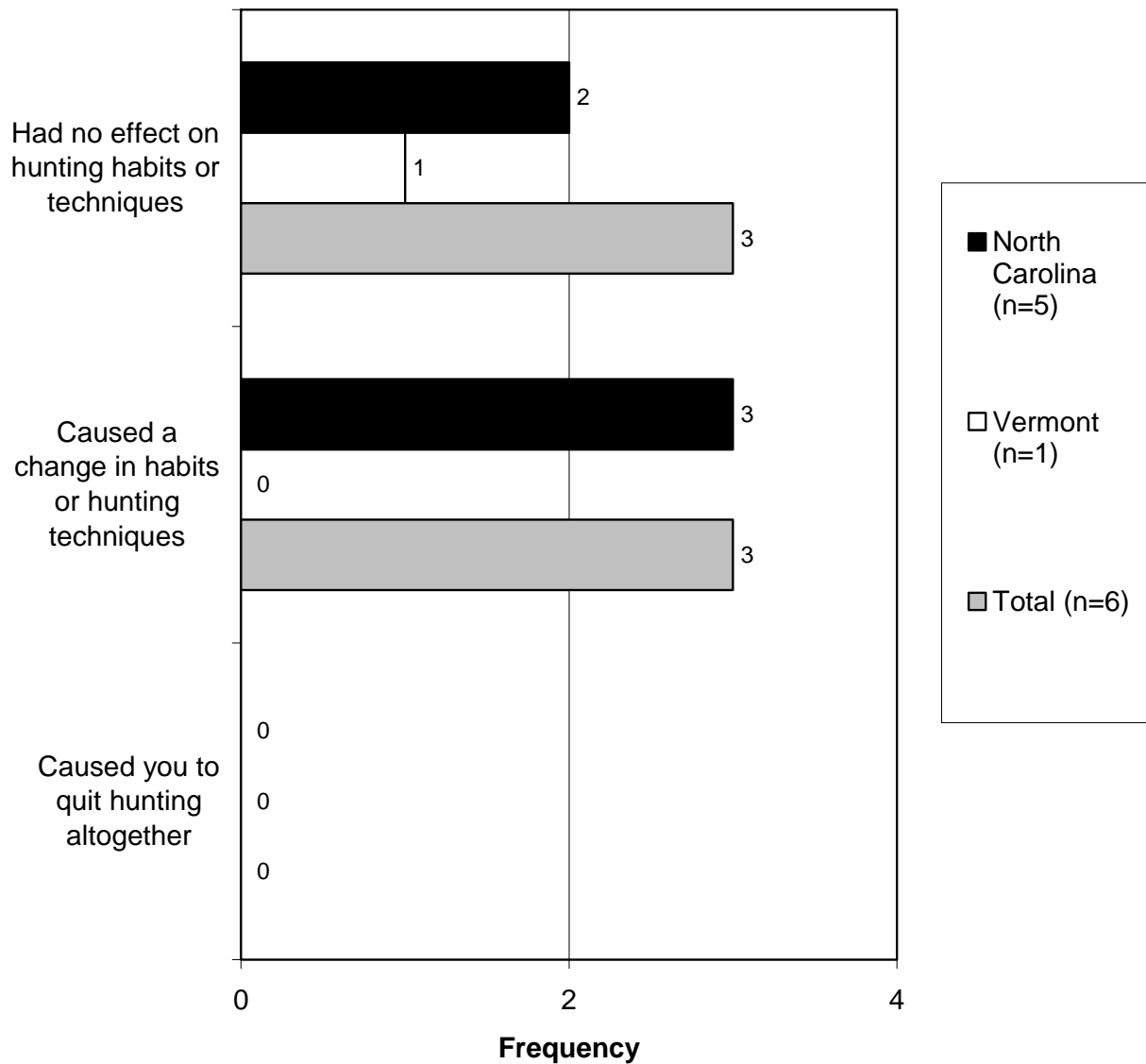
Q141. What type of elevated hunting stand were you using when your second accident occurred? (Asked of those who had experienced more than one accident in the past 10 years)



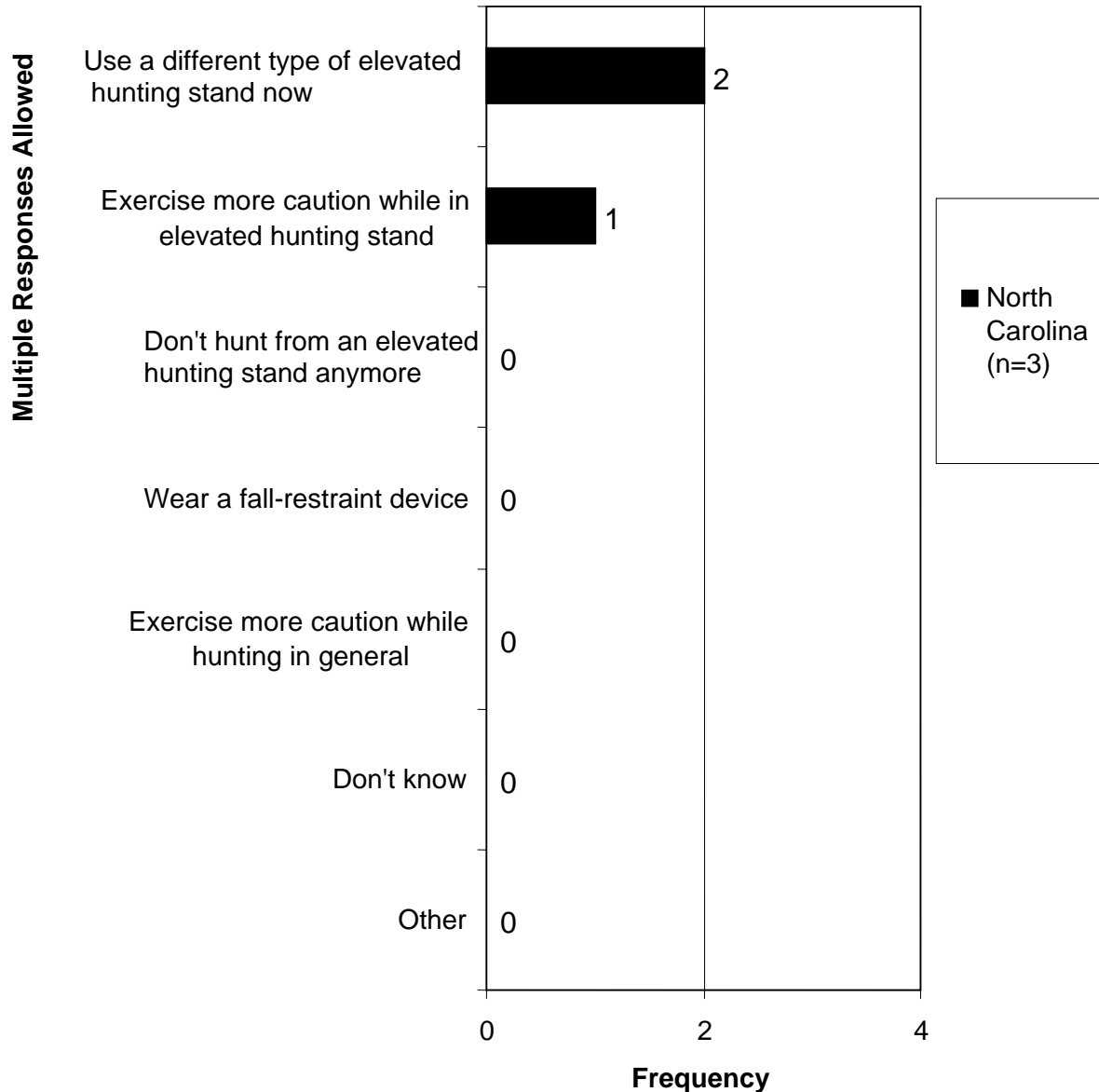
**Q207. Did you read the instructions regarding the use of the stand, if provided (second accident)?
(Asked of those who had experienced more than one accident in the past 10 years)**



Q208. How did your second accident affect your hunting behavior? Would you say that it had no effect on your habits or hunting techniques, that it caused you to change your habits or hunting techniques, or that it caused you to quit hunting?
(Asked of those who had experienced more than one accident in the past 10 years)



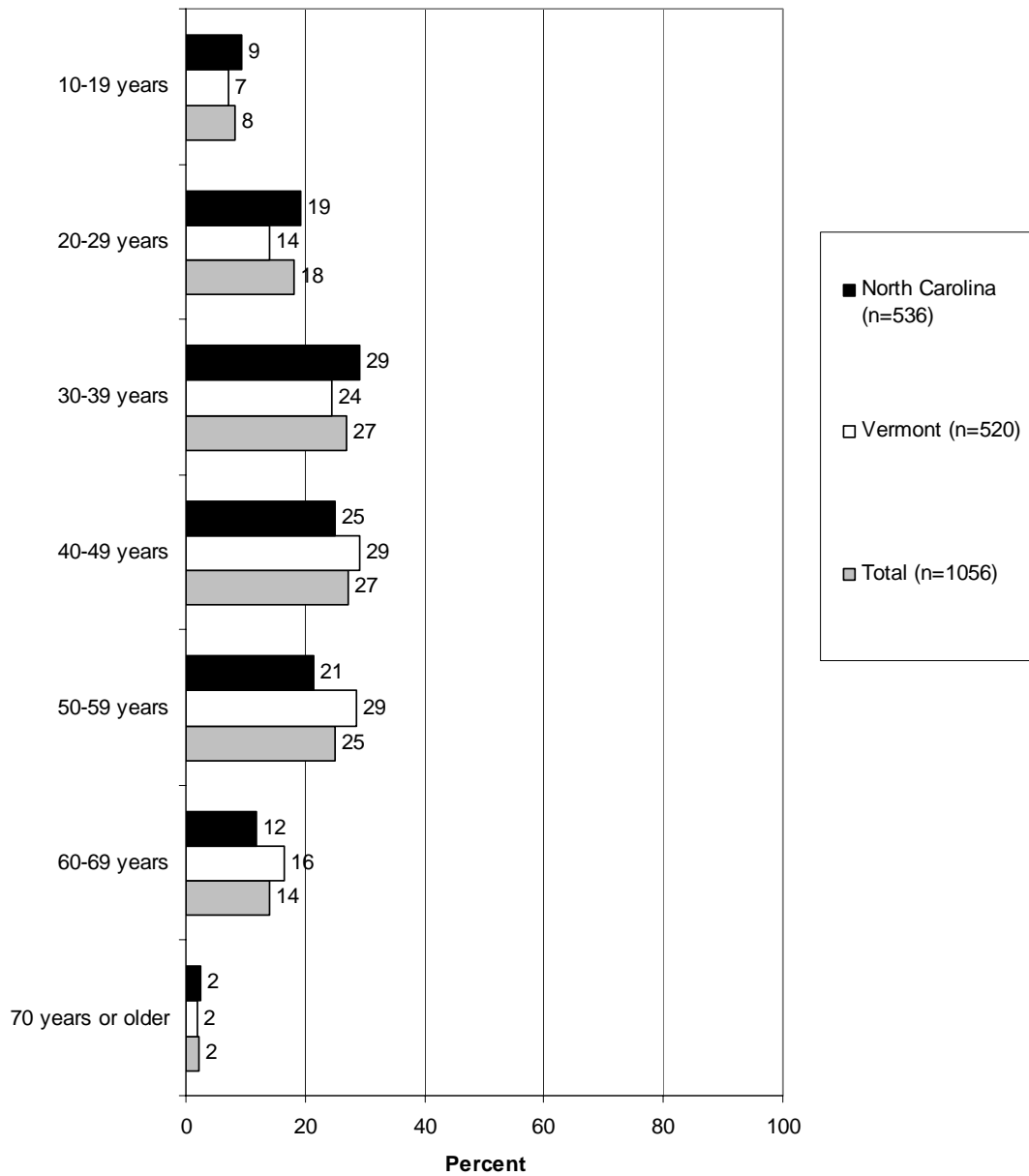
**Q210. In what way did your second accident cause you to change your hunting habits or techniques?
(Asked of those who had experienced more than one accident in the past 10 years and who had changed their hunting technique as a result)**



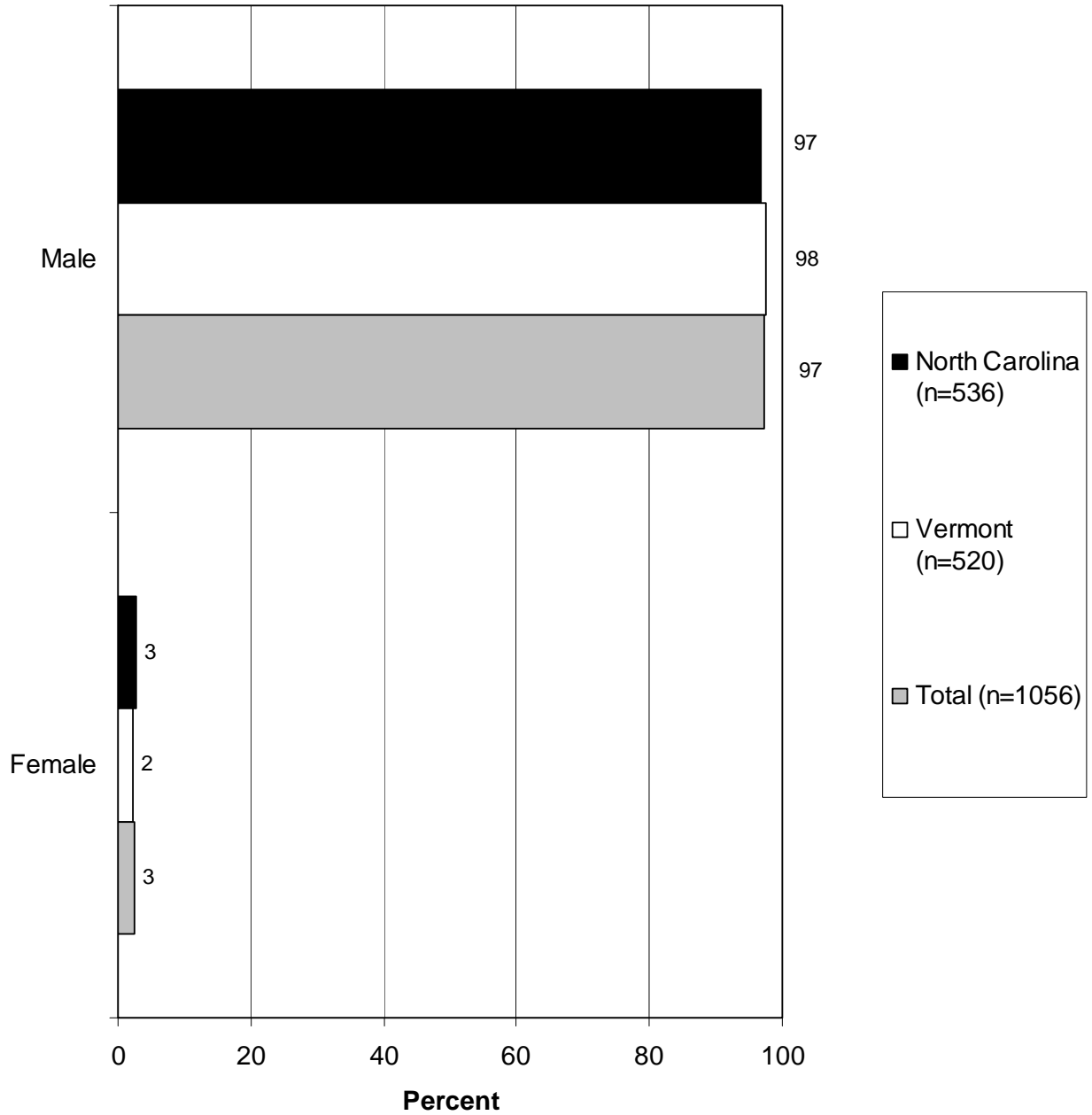
DEMOGRAPHIC CHARACTERISTICS OF SAMPLE

The age categories of all respondents are shown in the graph that follows. In addition, the respondents were overwhelmingly male (97%).

Q307. Respondent's age.



Q309. Respondent's gender (not asked, but observed by interviewer).



ADDITIONAL COMMENTS

Q308. That's the end of the questionnaire, thank you very much for your time and cooperation!

Advice: use good elevated stands and harnesses.
Can we raise the limit on deer?
Concerned that Fish and Wildlife Department is taking their eye off the ball; they should be doing monitoring violators.
Everyone should be prepared before going into the woods.
Accidents result because hunters don't think it will happen to them.
Extend respect to hunters, [who are] good sportsmen, conservation-minded, restoration minded. Wildlife commission [should] work with hunters.
I dislike the rule that you can't use a chain while using elevated hunting stands.
They need to make better safety harnesses.
Alcohol is a big factor in elevated hunting stand accidents.
I would like to pursue finding a copy of my hunter safety card. Any assistance is grateful.
People should get the right equipment and understand it.
Concerned about roadside hunting, not safe.
Increase of hunters is reason for increase in accidents.
Just be smart.
More people need to use their elevated stand harnesses.
There should be a law requiring the use of a leash if there is not one already.
North Carolina is doing a good job at getting information out regarding elevated hunting stand safety; need more hunter safety courses for new hunters.
People need to be careful whom they hunt with.
I wish people would be safe.
People need to spend more time planning for safety.
Wildlife management in North Carolina is not very good.
People should take safety courses and wear belts at all times.
Q38. Windy.
Some folk aren't themselves, let their hunting overrule their judgment.
People need to take hunter safety courses.
Unload gun before get down and carry a rope. Be careful.
The diseases the northerns have, a bacteria: exactly what should we do with the fish we catch with that type of disease?
The problem is that people don't care, and there aren't enough good educators to make them care.
The elevated stand company was sued because of defective equipment.
Use common sense while hunting.

5. First, I'd just like to ask you a few general questions about hunting and hunting safety .Do you ever use a Elevated Stand, while big game hunting?

USESTAND 1:8

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 5)
2. Yes (GO TO QUESTION 7)
3. No
4. Don't know

6. Sorry, but right now we are only interviewing those hunters that use a Elevated Stand while big game hunting. Thank you for your time and cooperation.

SORRY

PRESS ENTER TO CONTINUE

SKIP TO QUESTION 314

7. What type of hunting equipment do you use most often while hunting from a tree stand? (READ LIST AS NECESSARY)

HUNTEQ 1:9

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 7)
2. Bow (compound, recurve or long bow)
3. Crossbow
4. Muzzleloader
5. Rifle
6. Shotgun
7. Pistol

8. How do you get your firearm (bow, rifle, shotgun, etc.) into the Elevated Stand most often? (READ LIST AS NECESSARY)

HOWGET 1:10

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 8)
2. Rope
3. Carry up by hand while climbing
4. Carry over the shoulder/back with a sling
5. Reach it up
6. Don't know

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9. Have you ever taken a hunter safety certification course?

HUNTEDU 1:11

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 9)
 2. Yes (GO TO QUESTION 10)
 3. No
 4. Don't know

SKIP TO QUESTION 11

10. In the hunter safety certification course you took,
 was there instruction on using a Elevated Stand?

TREEEDU 1:12

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 10)
 2. Yes
 3. No
 4. Don't know

11. How concerned are you with Elevated Stand safety while hunting
 from a Elevated Stand? Would you say you are very concerned,
 somewhat concerned or not at all concerned with Elevated Stand
 safety while hunting from a Elevated Stand?

(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CONCERN 1:13

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 11)
 2. Very concerned
 3. Somewhat concerned
 4. Not at all concerned
 5. Don't know

SKIP TO QUESTION 13

12. YOU DID NOT USE
 YOUR SPACE BAR

NOSPAC1

PRESS ENTER TO TRY AGAIN

13. In your opinion, what are the main reasons for Elevated Stand hunting accidents? (DNR LIST; CHECK ALL THAT APPLY)

WHYACC 1:14-28

(CHECK ALL THAT APPLY)

- 1. Equipment failure
- 2. Weather conditions
- 3. Lack of familiarity with equipment
- 4. Poor judgment
- 5. Unexpected health problem (heart attack, etc.)
- 6. Excitement
- 7. Alcohol
- 8. Drugs
- 9. Lack of sleep
- 10. Don't know
- 11. Other
- 12. Carelessness
- 13. Light conditions
- 14. Weather conditions
- 15. Improper installation of Elevated Stand

IF (#13 = 0) GO TO #12

IF (#13 @ 11) GO TO #14

SKIP TO QUESTION 15

=====

14. ENTER OTHER REASON FOR ELEVATED STAND ACCIDENTS (IN FIRST PERSON; 120 CHAR.)

WHYACCST 2:1-120

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Page 5

15. Why do you think some hunters practice unsafe behaviors or methods while Elevated Stand hunting? Do you think it is because...
(READ LIST; CHECK ONLY ONE ANSWER)

UNSAFE 3:1

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 15)
 2. Hunters do not know safe practices
 3. Hunters know safe ways to hunt but ignore them
 4. Hunters believe an accident will not happen to them
 5. Other (GO TO QUESTION 16)
 6. Don't know

SKIP TO QUESTION 17

16. ENTER OTHER REASON FOR HUNTERS PRACTICING UNSAFE BEHAVIORS
(IN FIRST PERSON; 120 CHAR.)

UNSAFEST 4:1-120

17. How likely do you think it is that you will be injured in a fall while using a Elevated Stand in the next two years?
(READ SCALE AS NECESSARY; PROMPT FOR DEGREE)

CHANCES 5:1

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 17)
 2. Very likely
 3. Somewhat likely
 4. Not at all likely
 5. Don't know

18. Have you experienced an accident in a Elevated Stand within the past 10 years?

HAVEACC 5:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 18)
- 2. Yes (GO TO QUESTION 19)
- 3. No
- 4. Don't know

SKIP TO QUESTION 307

=====

19. What is the total number of accidents you've experienced in a Elevated Stand within the past 10 years?

NUMACC 5:3-4

LOWEST VALUE = 1

IF (#19 = 1) GO TO #21
IF (#19 > 1) GO TO #20

20. Now we'll discuss the details of each accident, beginning with the most recent.

MSTRECNT

PRESS ENTER TO CONTINUE

SKIP TO QUESTION 22

=====

21. Now I'd like to discuss the details of this accident.

ACCIDENT1 5:5

(CHECK ONLY ONE ANSWER)

- 1. PRESS ENTER TO CONTINUE

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22. First, did this accident require any professional medical treatment (including emergency room treatment, hospitalization, a doctor visit, EMT treatment, etc.), treatment by someone other than a medical professional (including treatment that was self-administered or administered by a hunting partner, friend, spouse, etc.), or were you not injured in the accident?
(READ SCALE AS NECESSARY)

TREAT1 5:6

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 22)
 2. Yes, received professional medical treatment
 3. Yes, received treatment, but not by a medical professional
 4. No, was not injured
 5. Don't know

23. In what year did the accident occur?
(ENTER ? FOR DON'T KNOW)

YEAR 5:7-10

|_|_|_|_|

LOWEST VALUE = 1900
 HIGHEST VALUE = 2002

24. Please identify the hunting equipment you were using at the time of the accident. (READ LIST AS NECESSARY)

EQUIPMNT 5:11

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 24)
 2. Bow (compound, recurve or long bow)
 3. Crossbow
 4. Muzzleloader
 5. Rifle
 6. Shotgun
 7. Pistol

25. What kind of fall restraint device did you use on the day of the accident or did you not use a restraint device?

(READ LIST AS NECESSARY)

RSTRNT 5:12

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 25)
- 2. Full body harness
- 3. Chest harness
- 4. Safety belt
- 5. Rope
- 6. Don't know
- 7. Other (GO TO QUESTION 26)
- 8. Did not use a restraint device

SKIP TO QUESTION 27

=====

26. ENTER OTHER TYPE OF FALL RESTRAINT DEVICE

(IN FIRST PERSON; 120 CHAR.)

RSTRNTST 6:1-120

27. Were you wearing a fall restraint device (such as a safety belt, harness, etc.) While climbing into the Elevated Stand?

WEARCLIM 7:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 27)
- 2. Yes
- 3. No
- 4. Don't know

28. Were you wearing a fall restraint device while in the Elevated Stand?

WEARIN 7:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 28)
- 2. Yes
- 3. No
- 4. Don't know

29. Do you feel you took as much precaution as you could to prevent the accident?

TAKECARE 7:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 29)
- 2. Yes (GO TO QUESTION 33)
- 3. No
- 4. Don't know

SKIP TO QUESTION 31

=====

30. YOU DID NOT USE YOUR SPACE BAR

NOSPAC2

PRESS ENTER TO TRY AGAIN

31. What are the main reasons you do not take greater safety precautions while using a Elevated Stand? (DNR LIST; CHECK ALL THAT APPLY)

NOCARE 7:4-11

(CHECK ALL THAT APPLY)

- 1. Cost
- 2. Discomfort
- 3. Time/Hassle
- 4. Too complicated
- 5. Affects ability to shoot
- 6. Didn't think about it
- 7. Don't know
- 8. Other

IF (#31 = 0) GO TO #30
IF (#31 @ 8) GO TO #32

SKIP TO QUESTION 33

=====

32. ENTER OTHER REASONS FOR NOT TAKING GREATER PRECAUTIONS (IN FIRST PERSON; 120 CHAR.)

NOCAREST 8:1-120

33. What were you doing at the time of the accident?
(READ SCALE AS NECESSARY)

POSITION 9:1-2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 33)
- 2. Climbing into the hunting position
- 3. Repositioning yourself in the stand
- 4. In position in the Elevated Stand
- 5. Putting stand into position
- 6. Getting down from the Elevated Stand
- 7. Stepping into the Elevated Stand
- 8. Stepping out of the Elevated Stand
- 9. Don't know
- 10. Other (GO TO QUESTION 34)

SKIP TO QUESTION 35

=====

34. ENTER OTHER POSITION AT TIME OF ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

POSST 10:1-120

35. Did the accident occur on public or private land?

LANDTYPE 11:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 35)
- 2. Public
- 3. Private
- 4. Don't know

36. Did the accident occur while shooting at game?

SHOOTING 11:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 36)
- 2. Yes
- 3. No
- 4. Don't know

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37. What were the light conditions at the time of the accident?
(READ LIST AS NECESSARY; CHECK ONLY ONE ANSWER)

LIGHT 11:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 37)
- 2. Dark/No light
- 3. Dim/Some light
- 4. Daylight, but overcast
- 5. Daylight
- 6. Don't know

38. What were the weather conditions at the time of the accident?
(READ LIST AS NECESSARY; CHECK ONLY ONE ANSWER)

WEATHER 11:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 38)
- 2. Clear
- 3. Overcast, but dry
- 4. Wet/Rainy
- 5. Icy
- 6. Snowy
- 7. Don't know

SKIP TO QUESTION 40

=====

39. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC3

PRESS ENTER TO TRY AGAIN

40. Please describe the direct causes of your injury.
(READ LIST AS NECESSARY; CHECK ALL THAT APPLY)

CAUSE 11:5-10

(CHECK ALL THAT APPLY)

- 1. Fell onto ground
- 2. Caught on steps while falling
- 3. Injured by safety harness, belt, etc.
- 4. Don't know
- 5. Other
- 6. DNR: Was not injured

IF (#40 = 0) GO TO #39
IF (#40 @ 5) GO TO #41

SKIP TO QUESTION 42

=====

41. PLEASE ENTER OTHER DIRECT CAUSE OF INJURY
(IN FIRST PERSON; 120 CHAR.)

CAUSEST 12:1-120

42. Now I'd like to know if there were any costs associated with
the accident for each of the following categories:
(ENTER 0 IF NO EXPENSES; \$888,888 IF REFUSED; ? FOR DON'T KNOW)

Medical?

MEDEXP 13:1-6

\$|_|_|_|_|, |_|_|_|_|

43. (ENTER 0 IF NO EXPENSES; \$888,888 IF REFUSED; ? FOR DON'T KNOW)

Rehabilitation?

REHABEXP 13:7-12

\$|_|_|_|_|, |_|_|_|_|

44. (ENTER 0 IF NO EXPENSES; \$888,888 IF REFUSED; ? FOR DON'T KNOW)

Wages?

WAGES 13:13-18

\$|_|_|_|_|, |_|_|_|_|

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45. How high were you when the accident occurred?
(READ LIST AS NECESSARY; CHECK ONLY ONE ANSWER)

HEIGHT 13:19

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 45)
 2. 5 feet or less
 3. 6-10 feet
 4. 11-15 feet
 5. 16-20 feet
 6. 21-25 feet
 7. 26-30 feet
 8. Greater than 30 feet
 9. Don't know

46. What type of Elevated Stand were you using when the accident occurred?

STNDTYPE 13:20

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 46)
 2. Ladder (GO TO QUESTION 47)
 3. Fixed position (GO TO QUESTION 62)
 4. Climbing (GO TO QUESTION 80)
 5. Tripod or Quad stand (GO TO QUESTION 97)

SKIP TO QUESTION 111

=====

47. What was the construction of the ladder stand? Was it...?
(READ LIST; CHECK ONLY ONE ANSWER)

LADRTYPE 13:21

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 47)
 2. Homemade metal
 3. Homemade wood
 4. Manufactured metal
 5. Manufactured wood
 6. Manufactured combination (wood and metal)
 7. Don't know
 8. Other (GO TO QUESTION 48)

SKIP TO QUESTION 49

=====

48. ENTER OTHER TYPE OF CONSTRUCTION
(IN FIRST PERSON; 120 CHAR.)

LTYPEST 14:1-120

49. Was the ladder Elevated Stand defective?

LADRFCT 15:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 49)
- 2. Yes (GO TO QUESTION 51)
- 3. No
- 4. Don't know

SKIP TO QUESTION 53

50. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC4

PRESS ENTER TO TRY AGAIN

51. In what way was the ladder Elevated Stand defective?
(DNR LIST; CHECK ALL THAT APPLY)

LADBRK 15:2-9

(CHECK ALL THAT APPLY)

- 1. A step broke
- 2. Brace to tree gave way
- 3. Attachment of platform broke (cable, blade, chain, etc.)
- 4. Platform broke
- 5. Seat broke
- 6. Safety/shooting rail broke
- 7. Don't know
- 8. Other

IF (#51 = 0) GO TO #50
IF (#51 @ 8) GO TO #52

SKIP TO QUESTION 53

52. ENTER OTHER WAY IN WHICH LADDER ELEVATED STAND WAS DEFECTIVE
(IN FIRST PERSON; 120 CHAR.)

LADBRKST 16:1-120

53. Was there any type of safety or shooting rail around the stand?
(CHECK ONLY ONE ANSWER)

LADRRAIL 17:1

- 1. Invalid answer. Select another. (GO TO QUESTION 53)
- 2. Yes
- 3. No
- 4. Don't know

54. How was the platform on top of the ladder stand attached to
the tree?

LADRATCH 17:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 54)
- 2. Nailed
- 3. Screwed
- 4. Chained
- 5. Tied with rope
- 6. Tied with a ratchet Elevated Stand strap
- 7. Don't know
- 8. Other (GO TO QUESTION 55)

SKIP TO QUESTION 56

=====

55. ENTER OTHER WAY PLATFORM WAS ATTACHED TO THE TREE
(IN FIRST PERSON; 120 CHAR.)

ATCHST1 18:1-120

56. How would you describe your physical characteristics on the day of the accident? First, what was your height? (ENTER 8FT, 88IN FOR REFUSED; ? FOR DON'T KNOW)

LADRHT 19:1-3

|__| ft, |__|__| in

57. What was your weight? (ENTER 888 LBS FOR REFUSED; ? FOR DON'T KNOW)

LADRWT 19:4-6

|__|__|__| lbs

58. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)

LADRAGE 19:7-9

|__|__|__| years old

SKIP TO QUESTION 60

59. YOU DID NOT USE YOUR SPACE BAR

NOSPAC5

PRESS ENTER TO TRY AGAIN

60. Please tell me if any of the following may have contributed to the accident? (READ LIST; CHECK IF YES)

LCAUSE 19:10-17

(CHECK ALL THAT APPLY)

- |__| 1. Drugs
- |__| 2. Medication
- |__| 3. Alcohol
- |__| 4. Lack of sleep
- |__| 5. Stress
- |__| 6. Don't know
- |__| 7. Other
- |__| 8. DNR: None of these

IF (#60 = 0) GO TO #59

IF (#60 @ 7) GO TO #61

SKIP TO QUESTION 111

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61. ENTER OTHER FACTOR THAT MAY HAVE CONTRIBUTED TO THE ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

LCAUSEST 20:1-120

SKIP TO QUESTION 111

62. What was the construction of the fixed position stand? Was it...?
(READ LIST; CHECK ONLY ONE ANSWER)

FIXDTYPE 21:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 62)
- 2. Homemade metal
- 3. Homemade wood
- 4. Manufactured metal
- 5. Manufactured wood
- 6. Manufactured combination (wood and metal)
- 7. Don't know
- 8. Other (GO TO QUESTION 63)

SKIP TO QUESTION 64

63. ENTER OTHER TYPE OF CONSTRUCTION
(IN FIRST PERSON; 120 CHAR.)

FTYPEST 22:1-120

64. Was the fixed position stand a permanent or portable
(hang-on type) stand?

FIXDPERM 23:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 64)
- 2. Permanent
- 3. Portable (hang-on type)
- 4. Don't know

65. Was the fixed position Elevated Stand defective?

FIXDDFCT 23:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 65)
- 2. Yes (GO TO QUESTION 67)
- 3. No
- 4. Don't know

SKIP TO QUESTION 69

66. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC6

PRESS ENTER TO TRY AGAIN

67. In what way was the fixed position Elevated Stand defective?
(DNR LIST; CHECK ALL THAT APPLY)

FIXBRK 23:3-11

(CHECK ALL THAT APPLY)

- 1. A step broke
- 2. Brace to tree gave way
- 3. Rotted and broke
- 4. Attachment of platform broke (cable, blade, chain, etc.)
- 5. Platform broke
- 6. Seat broke
- 7. Safety/shooting rail broke
- 8. Don't know
- 9. Other

IF (#67 = 0) GO TO #66

IF (#67 @ 9) GO TO #68

SKIP TO QUESTION 69

68. ENTER OTHER WAY IN WHICH FIXED POSITION ELEVATED STAND WAS DEFECTIVE
(IN FIRST PERSON; 120 CHAR.)

FIXBRKST 24:1-120

69. Was there any type of safety or shooting rail around the stand?

FIXDRAIL 25:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 69)
- 2. Yes
- 3. No
- 4. Don't know

IF (#64 = 2) GO TO #70

SKIP TO QUESTION 72

=====

70. How was the permanent stand attached to the tree?

FIXDATCH 25:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 70)
- 2. Nailed
- 3. Screwed
- 4. Tied with rope
- 5. Cable
- 6. Don't know
- 7. Other (GO TO QUESTION 71)

SKIP TO QUESTION 72

=====

71. ENTER OTHER WAY PERMANENT STAND WAS ATTACHED TO THE TREE
(IN FIRST PERSON; 120 CHAR.)

ATCHST2 26:1-120

72. What types of steps were used to get into the Elevated Stand?
(READ SCALE AS NECESSARY)

FIXDSTPS 27:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 72)
- 2. Screw in
- 3. Wood
- 4. Strap steps
- 5. Climbing stick (steps on pole)
- 6. Tree climbers (spikes to hook onto boots)
- 7. Tree limbs
- 8. Don't know
- 9. Other (GO TO QUESTION 73)

SKIP TO QUESTION 74

=====

73. ENTER OTHER TYPE OF STEPS
(IN FIRST PERSON; 120 CHAR.)

STPSST 28:1-120

74. How would you describe your physical characteristics on
the day of the accident? First, what was your height?
(ENTER 8FT, 88IN FOR REFUSED; ? FOR DON'T KNOW)

FIXDHT 29:1-3

ft, in

75. What was your weight? (ENTER 888 LBS FOR REFUSED;
? FOR DON'T KNOW)

FIXDWT 29:4-6

lbs

76. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)

FIXDAGE 29:7-9

years old

SKIP TO QUESTION 78

=====

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77. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC7

PRESS ENTER TO TRY AGAIN

78. Please tell me if any of the following may have contributed
to the accident? (READ LIST; CHECK IF YES)

FCAUSE 29:10-17

(CHECK ALL THAT APPLY)

- 1. Drugs
- 2. Medication
- 3. Alcohol
- 4. Lack of sleep
- 5. Stress
- 6. Don't know
- 7. Other
- 8. DNR: None of these

IF (#78 = 0) GO TO #77

IF (#78 @ 7) GO TO #79

SKIP TO QUESTION 111

=====

79. ENTER OTHER FACTOR THAT MAY HAVE CONTRIBUTED TO THE ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

FCAUSEST 30:1-120

SKIP TO QUESTION 111

=====

80. What was the construction of the climbing stand? Was it...?
(READ LIST; CHECK ONLY ONE ANSWER)

CLIMTYPE 31:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 80)
- 2. Homemade metal
- 3. Homemade wood
- 4. Manufactured metal
- 5. Manufactured wood
- 6. Manufactured combination (wood and metal)
- 7. Don't know
- 8. Other (GO TO QUESTION 81)

SKIP TO QUESTION 82

=====

81. ENTER OTHER TYPE OF CONSTRUCTION
(IN FIRST PERSON; 120 CHAR.)

CTYPEST 32:1-120

82. Was the climbing Elevated Stand defective?

CLIMDFCT 33:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 82)
- 2. Yes (GO TO QUESTION 84)
- 3. No
- 4. Don't know

SKIP TO QUESTION 86

=====

83. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC8

PRESS ENTER TO TRY AGAIN

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84. In what way was the climbing Elevated Stand defective?
(DNR LIST; CHECK ALL THAT APPLY)

CLMBRK 33:2-9

(CHECK ALL THAT APPLY)

- 1. Attachment of platform broke (cable, blade, chain, etc.)
- 2. Platform broke
- 3. Seat broke
- 4. Safety/shooting rail broke
- 5. Foot climber broke
- 6. Hand climber broke
- 7. Don't know
- 8. Other

IF (#84 = 0) GO TO #83

IF (#84 @ 8) GO TO #85

SKIP TO QUESTION 86

=====

85. ENTER OTHER WAY IN WHICH CLIMBING ELEVATED STAND WAS DEFECTIVE
(IN FIRST PERSON; 120 CHAR.)

CLMBRKST 34:1-120

86. Was there any type of safety or shooting rail around the stand?

CLIMRAIL 35:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 86)
- 2. Yes
- 3. No
- 4. Don't know

87. How was the climbing stand attached to the tree?

CLIMATCH 35:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 87)
- 2. Power gripping chain
- 3. Cable
- 4. Blade with wing nut and bolt
- 5. Pin
- 6. Don't know
- 7. Other (GO TO QUESTION 88)

SKIP TO QUESTION 89

=====

88. ENTER OTHER WAY CLIMBING STAND WAS ATTACHED TO THE TREE
(IN FIRST PERSON; 120 CHAR.)

ATCHST3 36:1-120

89. In what position did the accident occur?
(READ SCALE AS NECESSARY)

CLIMPOS 37:1-2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 89)
- 2. Climbing up the tree
- 3. While in shooting position
- 4. Climbing down
- 5. Adjusting for change in tree diameter after leaving the ground
- 6. While changing position to shoot
- 7. While adjusting the seat at hunting height
- 8. While getting out of stand at bottom of tree
- 9. Don't know
- 10. Other (GO TO QUESTION 90)

SKIP TO QUESTION 91

=====

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90. ENTER OTHER POSITION OF ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

CLMPOSST 38:1-120

91. How would you describe your physical characteristics on
the day of the accident? First, what was your height?
(ENTER 8FT, 88IN FOR REFUSED; ? FOR DON'T KNOW)

CLIMHT 39:1-3

|_| ft, |_|_| in

92. What was your weight? (ENTER 888 LBS FOR REFUSED;
? FOR DON'T KNOW)

CLIMWT 39:4-6

|_|_|_| lbs

93. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)

CLIMAGE 39:7-9

|_|_|_| years old

SKIP TO QUESTION 95

=====

94. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC9

PRESS ENTER TO TRY AGAIN

95. Please tell me if any of the following may have contributed to the accident? (READ LIST; CHECK IF YES)

CCAUSE 39:10-17

(CHECK ALL THAT APPLY)

- 1. Drugs
- 2. Medication
- 3. Alcohol
- 4. Lack of sleep
- 5. Stress
- 6. Don't know
- 7. Other
- 8. DNR: None of these

IF (#95 = 0) GO TO #94

IF (#95 @ 7) GO TO #96

SKIP TO QUESTION 111

=====

96. ENTER OTHER FACTOR THAT MAY HAVE CONTRIBUTED TO THE ACCIDENT (IN FIRST PERSON; 120 CHAR.)

CCAUSEST 40:1-120

SKIP TO QUESTION 111

=====

97. What was the construction of the tripod or quad stand? Was it...? (READ LIST; CHECK ONLY ONE ANSWER)

TRITYPE 41:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 97)
- 2. Homemade metal
- 3. Homemade wood
- 4. Manufactured metal
- 5. Manufactured wood
- 6. Manufactured combination (wood and metal)
- 7. Don't know
- 8. Other (GO TO QUESTION 98)

SKIP TO QUESTION 99

=====

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98. ENTER OTHER TYPE OF CONSTRUCTION
(IN FIRST PERSON; 120 CHAR.)

TTYPEST 42:1-120

99. Was the tripod or quad Elevated Stand defective?

TRIDFCT 43:1

(CHECK ONLY ONE ANSWER)

- |__| 1. Invalid answer. Select another. (GO TO QUESTION 99)
 |__| 2. Yes (GO TO QUESTION 101)
 |__| 3. No
 |__| 4. Don't know

SKIP TO QUESTION 103

100. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC10

PRESS ENTER TO TRY AGAIN

101. In what way was the tripod or quad Elevated Stand defective?
(DNR LIST; CHECK ALL THAT APPLY)

TRIBRK 43:2-9

(CHECK ALL THAT APPLY)

- |__| 1. Step broke
 |__| 2. Platform broke
 |__| 3. Seat broke
 |__| 4. Safety/shooting rail broke
 |__| 5. Anchor to ground broke
 |__| 6. Leg of Elevated Stand broke
 |__| 7. Don't know
 |__| 8. Other

IF (#101 = 0) GO TO #100

IF (#101 @ 8) GO TO #102

SKIP TO QUESTION 103

102. ENTER OTHER WAY IN WHICH TRIPOD OR QUAD ELEVATED STAND WAS DEFECTIVE
(IN FIRST PERSON; 120 CHAR.)

TRIBRKST 44:1-120

103. Was there any type of safety or shooting rail around the stand?

TRIRAIL 45:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 103)
- 2. Yes
- 3. No
- 4. Don't know

104. Was the stand anchored into the ground or into a tree?

ANCHOR 45:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 104)
- 2. Yes, a tree
- 3. Yes, the ground
- 4. No
- 5. Don't know

105. How would you describe your physical characteristics on
the day of the accident? First, what was your height?
(ENTER 8FT, 88IN FOR REFUSED; ? FOR DON'T KNOW)

TRIHT 45:3-5

|_| ft, |_|_| in

106. What was your weight? (ENTER 888 LBS FOR REFUSED;
? FOR DON'T KNOW)

TRIWT 45:6-8

|_|_|_| lbs

107. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)

TRIAGE 45:9-11

|_|_|_| years old

SKIP TO QUESTION 109

=====

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108. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC11

PRESS ENTER TO TRY AGAIN

109. Please tell me if any of the following may have contributed
to the accident? (READ LIST; CHECK IF YES)

TCAUSE 45:12-19

(CHECK ALL THAT APPLY)

- 1. Drugs
- 2. Medication
- 3. Alcohol
- 4. Lack of sleep
- 5. Stress
- 6. Don't know
- 7. Other
- 8. DNR: None of these

IF (#109 = 0) GO TO #108

IF (#109 @ 7) GO TO #110

SKIP TO QUESTION 111

=====

110. ENTER OTHER FACTOR THAT MAY HAVE CONTRIBUTED TO THE ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

TCAUSEST 46:1-120

111. Was the accident investigated by any governmental agency?

NVSTIGAT 47:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 111)
- 2. Yes
- 3. No
- 4. Don't know

112. Did you read the instructions regarding the use of the stand, if provided?

INSTRUCT 47:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 112)
- 2. Yes
- 3. No
- 4. Don't know

113. How did your accident affect your hunting behavior? Would you say that it had no affect on your habits or hunting techniques, that it caused you to change your habits or hunting techniques, or that it caused you to quit hunting altogether?

(READ SCALE AS NECESSARY)

HABITS 47:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 113)
- 2. Had no affect on hunting habits or techniques
- 3. Caused a change in habits or hunting techniques
- 4. Caused you to quit hunting altogether
- 5. Don't know

IF (#113 = 3) GO TO #115

IF (#19 = 1) GO TO #307

SKIP TO QUESTION 117

=====

114. YOU DID NOT USE YOUR SPACE BAR

NOSPAC99

PRESS ENTER TO TRY AGAIN

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115. In what way did the accident cause you to change your hunting habits or techniques? (DNR LIST; CHECK ALL THAT APPLY)

CHHAB1 47:4-10

(CHECK ALL THAT APPLY)

- 1. Don't hunt from a Elevated Stand anymore
- 2. Use a different type of Elevated Stand now
- 3. Wear a fall restraint device
- 4. Exercise more caution while in Elevated Stand
- 5. Exercise more caution while hunting in general
- 6. Don't know
- 7. Other

IF (#115 = 0) GO TO #114

IF (#115 @ 7) GO TO #116

IF (#19 = 1) GO TO #307

SKIP TO QUESTION 117

=====

116. ENTER OTHER WAY HUNTING HABITS OR TECHNIQUES HAVE CHANGED
(IN FIRST PERSON; 120 CHAR.)

CHHAB1ST 48:1-120

IF (#19 = 1) GO TO #307

117. Now let's talk about the second most recent accident.

First, did this accident require any professional medical treatment (including emergency room treatment, hospitalization, a doctor visit, EMT treatment, etc.), treatment by someone other than a medical professional (including treatment that was self-administered or administered by a hunting partner, friend, spouse, etc.), or were you not injured in the accident?
(READ SCALE AS NECESSARY)

TREAT2 49:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 117)
- 2. Yes, received professional medical treatment
- 3. Yes, received treatment, but not by a medical professional
- 4. No, was not injured
- 5. Don't know

118. In what year did the accident occur?
(ENTER ? FOR DON'T KNOW)

YEAR2 49:2-5

|_|_|_|_|

LOWEST VALUE = 1900
HIGHEST VALUE = 2002

119. Please identify the hunting equipment you were using at the
time of the accident. (READ LIST AS NECESSARY)

EQUIP2 49:6

(CHECK ONLY ONE ANSWER)

- |_| 1. Invalid answer. Select another. (GO TO QUESTION 119)
- |_| 2. Bow (compound, recurve or long bow)
- |_| 3. Crossbow
- |_| 4. Muzzleloader
- |_| 5. Rifle
- |_| 6. Shotgun
- |_| 7. Pistol

120. What kind of fall restraint device did you use on the day of
the accident or did you not use a restraint device?
(READ LIST AS NECESSARY)

RSTRNT2 49:7

(CHECK ONLY ONE ANSWER)

- |_| 1. Invalid answer. Select another. (GO TO QUESTION 120)
- |_| 2. Full body harness
- |_| 3. Chest harness
- |_| 4. Safety belt
- |_| 5. Rope
- |_| 6. Don't know
- |_| 7. Other (GO TO QUESTION 121)
- |_| 8. Did not use a restraint device

SKIP TO QUESTION 122

121. ENTER OTHER TYPE OF FALL RESTRAINT DEVICE
(IN FIRST PERSON; 120 CHAR.)

RSTRNTS2 50:1-120

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122. Were you wearing a fall restraint device (such as a safety belt, harness, etc.) While climbing into the Elevated Stand?

WEARCLM2 51:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 122)
- 2. Yes
- 3. No
- 4. Don't know

123. Were you wearing a fall restraint device while in the Elevated Stand?

WEARIN2 51:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 123)
- 2. Yes
- 3. No
- 4. Don't know

124. Do you feel you took as much precaution as you could to prevent the accident?

TAKECAR2 51:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 124)
- 2. Yes (GO TO QUESTION 128)
- 3. No
- 4. Don't know

SKIP TO QUESTION 126

125. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC12

PRESS ENTER TO TRY AGAIN

126. What are the main reasons you do not take greater safety precautions while using a Elevated Stand?
(DNR LIST; CHECK ALL THAT APPLY)

NOCAR2 51:4-11

(CHECK ALL THAT APPLY)

- 1. Cost
- 2. Discomfort
- 3. Time/Hassle
- 4. Too complicated
- 5. Affects ability to shoot
- 6. Didn't think about it
- 7. Don't know
- 8. Other

IF (#126 = 0) GO TO #125
IF (#126 @ 8) GO TO #127

SKIP TO QUESTION 128

=====

127. ENTER OTHER REASONS FOR NOT TAKING GREATER PRECAUTIONS
(IN FIRST PERSON; 120 CHAR.)
NOCAR2ST 52:1-120

128. What were you doing at the time of the accident?
(READ SCALE AS NECESSARY)

POSITN2 53:1-2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 128)
- 2. Climbing into the hunting position
- 3. Repositioning yourself in the stand
- 4. In position in the Elevated Stand
- 5. Putting stand into position
- 6. Getting down from the Elevated Stand
- 7. Stepping into the Elevated Stand
- 8. Stepping out of the Elevated Stand
- 9. Don't know
- 10. Other (GO TO QUESTION 129)

SKIP TO QUESTION 130

=====

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129. ENTER OTHER POSITION AT TIME OF ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

POS2ST 54:1-120

130. Did the accident occur on public or private land?

LANDTYP2 55:1

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 130)
 2. Public
 3. Private
 4. Don't know

131. Did the accident occur while shooting at game?

SHOOTIN2 55:2

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 131)
 2. Yes
 3. No
 4. Don't know

132. What were the light conditions at the time of the accident?
(READ LIST AS NECESSARY; CHECK ONLY ONE ANSWER)

LIGHT2 55:3

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 132)
 2. Dark/No light
 3. Dim/Some light
 4. Daylight, but overcast
 5. Daylight
 6. Don't know

133. What were the weather conditions at the time of the accident?

(READ LIST AS NECESSARY; CHECK ONLY ONE ANSWER)

WEATHER2 55:4

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 133)
- 2. Clear
- 3. Overcast, but dry
- 4. Wet/Rainy
- 5. Icy
- 6. Snowy
- 7. Don't know

SKIP TO QUESTION 135

134. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC13

PRESS ENTER TO TRY AGAIN

135. Please describe the direct causes of your injury.

(READ LIST AS NECESSARY; CHECK ALL THAT APPLY)

CAUSE2 55:5-10

(CHECK ALL THAT APPLY)

- 1. Fell onto ground
- 2. Caught on steps while falling
- 3. Injured by safety harness, belt, etc.
- 4. Don't know
- 5. Other
- 6. DNR: Was not injured

IF (#135 = 0) GO TO #134

IF (#135 @ 5) GO TO #136

SKIP TO QUESTION 137

136. PLEASE ENTER OTHER DIRECT CAUSE OF INJURY

(IN FIRST PERSON; 120 CHAR.)

CAUSE2ST 56:1-120

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137. Now I'd like to know if there were any costs associated with the accident for each of the following categories:
(ENTER 0 IF NO EXPENSES; \$888,888 IF REFUSED; ? FOR DON'T KNOW)

Medical?

MEDEXP2 57:1-6

\$|_|_|_|_|, |_|_|_|_|

138. (ENTER 0 IF NO EXPENSES; \$888,888 IF REFUSED; ? FOR DON'T KNOW)

Rehabilitation?

REHABEX2 57:7-12

\$|_|_|_|_|, |_|_|_|_|

139. (ENTER 0 IF NO EXPENSES; \$888,888 IF REFUSED; ? FOR DON'T KNOW)

Wages?

WAGES2 57:13-18

\$|_|_|_|_|, |_|_|_|_|

140. How high were you when the accident occurred?
(READ LIST AS NECESSARY; CHECK ONLY ONE ANSWER)

HEIGHT2 57:19

(CHECK ONLY ONE ANSWER)

- |_| 1. Invalid answer. Select another. (GO TO QUESTION 140)
- |_| 2. 5 feet or less
- |_| 3. 6-10 feet
- |_| 4. 11-15 feet
- |_| 5. 16-20 feet
- |_| 6. 21-25 feet
- |_| 7. 26-30 feet
- |_| 8. Greater than 30 feet
- |_| 9. Don't know

141. What type of Elevated Stand were you using when the accident occurred?

STNDTYP2 57:20

(CHECK ONLY ONE ANSWER)

- |_| 1. Invalid answer. Select another. (GO TO QUESTION 141)
- |_| 2. Ladder (GO TO QUESTION 142)
- |_| 3. Fixed position (GO TO QUESTION 157)
- |_| 4. Climbing (GO TO QUESTION 175)
- |_| 5. Tripod or Quad stand (GO TO QUESTION 192)

SKIP TO QUESTION 206

=====

142. What was the construction of the ladder stand? Was it...?
(READ LIST; CHECK ONLY ONE ANSWER)

LADRTYP2 57:21

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 142)
- 2. Homemade metal
- 3. Homemade wood
- 4. Manufactured metal
- 5. Manufactured wood
- 6. Manufactured combination (wood and metal)
- 7. Don't know
- 8. Other (GO TO QUESTION 143)

SKIP TO QUESTION 144

143. ENTER OTHER TYPE OF CONSTRUCTION
(IN FIRST PERSON; 120 CHAR.)

LTYPES2 58:1-120

144. Was the ladder Elevated Stand defective?

LADRDFC2 59:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 144)
- 2. Yes (GO TO QUESTION 146)
- 3. No
- 4. Don't know

SKIP TO QUESTION 148

145. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC14

PRESS ENTER TO TRY AGAIN

146. In what way was the ladder Elevated Stand defective?
(DNR LIST; CHECK ALL THAT APPLY)

LADBR2 59:2-9

(CHECK ALL THAT APPLY)

- 1. A step broke
- 2. Brace to tree gave way
- 3. Attachment of platform broke (cable, blade, chain, etc.)
- 4. Platform broke
- 5. Seat broke
- 6. Safety/shooting rail broke
- 7. Don't know
- 8. Other

IF (#146 = 0) GO TO #145

IF (#146 @ 8) GO TO #147

SKIP TO QUESTION 148

=====

147. ENTER OTHER WAY IN WHICH LADDER ELEVATED STAND WAS DEFECTIVE
(IN FIRST PERSON; 120 CHAR.)

LADBRKS2 60:1-120

148. Was there any type of safety or shooting rail around the stand?

LADRRAI2 61:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 148)
- 2. Yes
- 3. No
- 4. Don't know

149. How was the platform on top of the ladder stand attached to the tree?

LADRATC2 61:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 149)
- 2. Nailed
- 3. Screwed
- 4. Chained
- 5. Tied with rope
- 6. Tied with a ratchet Elevated Stand strap
- 7. Don't know
- 8. Other (GO TO QUESTION 150)

SKIP TO QUESTION 151

150. ENTER OTHER WAY PLATFORM WAS ATTACHED TO THE TREE (IN FIRST PERSON; 120 CHAR.)

ATCHST12 62:1-120

151. How would you describe your physical characteristics on the day of the accident? First, what was your height? (ENTER 8FT, 88IN FOR REFUSED; ? FOR DON'T KNOW)

LADRH2 63:1-3

ft, in

152. What was your weight? (ENTER 888 LBS FOR REFUSED; ? FOR DON'T KNOW)

LADRW2 63:4-6

lbs

153. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)

LADRAG2 63:7-9

years old

SKIP TO QUESTION 155

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154. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC15

PRESS ENTER TO TRY AGAIN

155. Please tell me if any of the following may have contributed
to the accident? (READ LIST; CHECK IF YES)

LCAUS2 63:10-17

(CHECK ALL THAT APPLY)

- 1. Drugs
- 2. Medication
- 3. Alcohol
- 4. Lack of sleep
- 5. Stress
- 6. Don't know
- 7. Other
- 8. DNR: None of these

IF (#155 = 0) GO TO #154

IF (#155 @ 7) GO TO #156

SKIP TO QUESTION 206

156. ENTER OTHER FACTOR THAT MAY HAVE CONTRIBUTED TO THE ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

LCAUSES2 64:1-120

SKIP TO QUESTION 206

157. What was the construction of the fixed position stand? Was it...?

(READ LIST; CHECK ONLY ONE ANSWER)

FIXDTYP2 65:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 157)
- 2. Homemade metal
- 3. Homemade wood
- 4. Manufactured metal
- 5. Manufactured wood
- 6. Manufactured combination (wood and metal)
- 7. Don't know
- 8. Other (GO TO QUESTION 158)

SKIP TO QUESTION 159

158. ENTER OTHER TYPE OF CONSTRUCTION

(IN FIRST PERSON; 120 CHAR.)

FTYPES2 66:1-120

159. Was the fixed position stand a permanent or portable (hang-on type) stand?

(CHECK ONLY ONE ANSWER)

FIXDPER2 67:1

- 1. Invalid answer. Select another. (GO TO QUESTION 159)
- 2. Permanent
- 3. Portable (hang-on type)
- 4. Don't know

160. Was the fixed position Elevated Stand defective?

(CHECK ONLY ONE ANSWER)

FIXDDFC2 67:2

- 1. Invalid answer. Select another. (GO TO QUESTION 160)
- 2. Yes (GO TO QUESTION 162)
- 3. No
- 4. Don't know

SKIP TO QUESTION 164

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161. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC16

PRESS ENTER TO TRY AGAIN

162. In what way was the fixed position Elevated Stand defective?
(DNR LIST; CHECK ALL THAT APPLY)

FIXBR2 67:3-11

(CHECK ALL THAT APPLY)

- 1. A step broke
- 2. Brace to tree gave way
- 3. Rotted and broke
- 4. Attachment of platform broke (cable, blade, chain, etc.)
- 5. Platform broke
- 6. Seat broke
- 7. Safety/shooting rail broke
- 8. Don't know
- 9. Other

IF (#162 = 0) GO TO #161

IF (#162 @ 9) GO TO #163

SKIP TO QUESTION 164

=====

163. ENTER OTHER WAY IN WHICH FIXED POSITION ELEVATED STAND WAS DEFECTIVE
(IN FIRST PERSON; 120 CHAR.)

FIXBRKS2 68:1-120

164. Was there any type of safety or shooting rail around the stand?

FIXDRAI2 69:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 164)
- 2. Yes
- 3. No
- 4. Don't know

IF (#159 = 2) GO TO #165

SKIP TO QUESTION 167

=====

165. How was the permanent stand attached to the tree?

FIXDATC2 69:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 165)
- 2. Nailed
- 3. Screwed
- 4. Tied with rope
- 5. Cable
- 6. Don't know
- 7. Other (GO TO QUESTION 166)

SKIP TO QUESTION 167

166. ENTER OTHER WAY PERMANENT STAND WAS ATTACHED TO THE TREE
(IN FIRST PERSON; 120 CHAR.)

ATCHST22 70:1-120

167. What types of steps were used to get into the Elevated Stand?
(READ SCALE AS NECESSARY)

FIXDSTP2 71:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 167)
- 2. Screw in
- 3. Wood
- 4. Strap steps
- 5. Climbing stick (steps on pole)
- 6. Tree climbers (spikes to hook onto boots)
- 7. Tree limbs
- 8. Don't know
- 9. Other (GO TO QUESTION 168)

SKIP TO QUESTION 169

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168. ENTER OTHER TYPE OF STEPS
(IN FIRST PERSON; 120 CHAR.)

STPSS2 72:1-120

169. How would you describe your physical characteristics on
the day of the accident? First, what was your height?
(ENTER 8FT, 88IN FOR REFUSED; ? FOR DON'T KNOW)

FIXDH2 73:1-3

|_| ft, |_|_| in

170. What was your weight? (ENTER 888 LBS FOR REFUSED;
? FOR DON'T KNOW)

FIXDW2 73:4-6

|_|_|_| lbs

171. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)

FIXDAG2 73:7-9

|_|_|_| years old

SKIP TO QUESTION 173

=====

172. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC17

PRESS ENTER TO TRY AGAIN

173. Please tell me if any of the following may have contributed to the accident? (READ LIST; CHECK IF YES)

FCAUS2 73:10-17

(CHECK ALL THAT APPLY)

- 1. Drugs
- 2. Medication
- 3. Alcohol
- 4. Lack of sleep
- 5. Stress
- 6. Don't know
- 7. Other
- 8. DNR: None of these

IF (#173 = 0) GO TO #172
IF (#173 @ 7) GO TO #174

SKIP TO QUESTION 206

=====

174. ENTER OTHER FACTOR THAT MAY HAVE CONTRIBUTED TO THE ACCIDENT (IN FIRST PERSON; 120 CHAR.)

FCAUSES2 74:1-120

SKIP TO QUESTION 206

=====

175. What was the construction of the climbing stand? Was it...? (READ LIST; CHECK ONLY ONE ANSWER)

CLIMTYP2 75:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 175)
- 2. Homemade metal
- 3. Homemade wood
- 4. Manufactured metal
- 5. Manufactured wood
- 6. Manufactured combination (wood and metal)
- 7. Don't know
- 8. Other (GO TO QUESTION 176)

SKIP TO QUESTION 177

=====

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176. ENTER OTHER TYPE OF CONSTRUCTION
(IN FIRST PERSON; 120 CHAR.)

CTYPES2 76:1-120

177. Was the climbing Elevated Stand defective?

CLIMDFC2 77:1

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 177)
 2. Yes (GO TO QUESTION 179)
 3. No
 4. Don't know

SKIP TO QUESTION 181

178. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC18

PRESS ENTER TO TRY AGAIN

179. In what way was the climbing Elevated Stand defective?
(DNR LIST; CHECK ALL THAT APPLY)

CLMBR2 77:2-9

(CHECK ALL THAT APPLY)

1. Attachment of platform broke (cable, blade, chain, etc.)
 2. Platform broke
 3. Seat broke
 4. Safety/shooting rail broke
 5. Foot climber broke
 6. Hand climber broke
 7. Don't know
 8. Other

IF (#179 = 0) GO TO #178

IF (#179 @ 8) GO TO #180

SKIP TO QUESTION 181

180. ENTER OTHER WAY IN WHICH CLIMBING ELEVATED STAND WAS DEFECTIVE
(IN FIRST PERSON; 120 CHAR.)

CLMBRKS2 78:1-120

181. Was there any type of safety or shooting rail around the stand?

CLIMRAI2 79:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 181)
- 2. Yes
- 3. No
- 4. Don't know

182. How was the climbing stand attached to the tree?

CLIMATC2 79:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 182)
- 2. Power gripping chain
- 3. Cable
- 4. Blade with wing nut and bolt
- 5. Pin
- 6. Don't know
- 7. Other (GO TO QUESTION 183)

SKIP TO QUESTION 184

183. ENTER OTHER WAY CLIMBING STAND WAS ATTACHED TO THE TREE
(IN FIRST PERSON; 120 CHAR.)

ATCHST32 80:1-120

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184. In what position did the accident occur?

(READ SCALE AS NECESSARY)

CLIMPO2 81:1-2

(CHECK ONLY ONE ANSWER)

1. Invalid answer. Select another. (GO TO QUESTION 184)
 2. Climbing up the tree
 3. While in shooting position
 4. Climbing down
 5. Adjusting for change in tree diameter after leaving the ground
 6. While changing position to shoot
 7. While adjusting the seat at hunting height
 8. While getting out of stand at bottom of tree
 9. Don't know
 10. Other (GO TO QUESTION 185)

SKIP TO QUESTION 186

=====

185. ENTER OTHER POSITION OF ACCIDENT

(IN FIRST PERSON; 120 CHAR.)

CLMPOSS2 82:1-120

186. How would you describe your physical characteristics on the day of the accident? First, what was your height?

(ENTER 8FT, 88IN FOR REFUSED; ? FOR DON'T KNOW)

CLIMH2 83:1-3

|_| ft, |_|_| in

187. What was your weight? (ENTER 888 LBS FOR REFUSED;

? FOR DON'T KNOW)

CLIMW2 83:4-6

|_|_|_| lbs

188. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)

CLIMAG2 83:7-9

|_|_|_| years old

SKIP TO QUESTION 190

=====

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189. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC19

PRESS ENTER TO TRY AGAIN

190. Please tell me if any of the following may have contributed
to the accident? (READ LIST; CHECK IF YES)

CCAUS2 83:10-17

(CHECK ALL THAT APPLY)

- 1. Drugs
- 2. Medication
- 3. Alcohol
- 4. Lack of sleep
- 5. Stress
- 6. Don't know
- 7. Other
- 8. DNR: None of these

IF (#190 = 0) GO TO #189

IF (#190 @ 7) GO TO #191

SKIP TO QUESTION 206

191. ENTER OTHER FACTOR THAT MAY HAVE CONTRIBUTED TO THE ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

CCAUSES2 84:1-120

SKIP TO QUESTION 206

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192. What was the construction of the tripod or quad stand? Was it...?
 (READ LIST; CHECK ONLY ONE ANSWER)

TRITYP2 85:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 192)
- 2. Homemade metal
- 3. Homemade wood
- 4. Manufactured metal
- 5. Manufactured wood
- 6. Manufactured combination (wood and metal)
- 7. Don't know
- 8. Other (GO TO QUESTION 193)

SKIP TO QUESTION 194

193. ENTER OTHER TYPE OF CONSTRUCTION
 (IN FIRST PERSON; 120 CHAR.)

TTYPES2 86:1-120

194. Was the tripod or quad Elevated Stand defective?

TRIDFC2 87:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 194)
- 2. Yes (GO TO QUESTION 196)
- 3. No
- 4. Don't know

SKIP TO QUESTION 198

195. YOU DID NOT USE
 YOUR SPACE BAR

NOSPAC20

PRESS ENTER TO TRY AGAIN

196. In what way was the tripod or quad Elevated Stand defective?
(DNR LIST; CHECK ALL THAT APPLY)

TRIBR2 87:2-9

(CHECK ALL THAT APPLY)

- 1. Step broke
- 2. Platform broke
- 3. Seat broke
- 4. Safety/shooting rail broke
- 5. Anchor to ground broke
- 6. Leg of Elevated Stand broke
- 7. Don't know
- 8. Other

IF (#196 = 0) GO TO #195
IF (#196 @ 8) GO TO #197

SKIP TO QUESTION 198

=====

197. ENTER OTHER WAY IN WHICH TRIPOD OR QUAD ELEVATED STAND WAS DEFECTIVE
(IN FIRST PERSON; 120 CHAR.)

TRIBRKS2 88:1-120

198. Was there any type of safety or shooting rail around the stand?

TRIRAI2 89:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 198)
- 2. Yes
- 3. No
- 4. Don't know

199. Was the stand anchored into the ground or into a tree?

ANCHOR2 89:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 199)
- 2. Yes, a tree
- 3. Yes, the ground
- 4. No
- 5. Don't know

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200. How would you describe your physical characteristics on the day of the accident? First, what was your height?
(ENTER 8FT, 88IN FOR REFUSED; ? FOR DON'T KNOW)

TRIHT2 89:3-5

|__| ft, |__|__| in

201. What was your weight? (ENTER 888 LBS FOR REFUSED;
? FOR DON'T KNOW)

TRIWT2 89:6-8

|__|__|__| lbs

202. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)

TRIAGE2 89:9-11

|__|__|__| years old

SKIP TO QUESTION 204

=====

203. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC21

PRESS ENTER TO TRY AGAIN

204. Please tell me if any of the following may have contributed
to the accident? (READ LIST; CHECK IF YES)

TCAUS2 89:12-19

(CHECK ALL THAT APPLY)

- |__| 1. Drugs
- |__| 2. Medication
- |__| 3. Alcohol
- |__| 4. Lack of sleep
- |__| 5. Stress
- |__| 6. Don't know
- |__| 7. Other
- |__| 8. DNR: None of these

IF (#204 = 0) GO TO #203

IF (#204 @ 7) GO TO #205

SKIP TO QUESTION 206

=====

205. ENTER OTHER FACTOR THAT MAY HAVE CONTRIBUTED TO THE ACCIDENT
(IN FIRST PERSON; 120 CHAR.)

TCAUSES2 90:1-120

206. Was the accident investigated by any governmental agency?

NVSTIGA2 91:1

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 206)
- 2. Yes
- 3. No
- 4. Don't know

207. Did you read the instructions regarding the use of the stand,
if provided?

INSTRUC2 91:2

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 207)
- 2. Yes
- 3. No
- 4. Don't know

208. How did your accident affect your hunting behavior? Would you
say that it had no affect on your habits or hunting techniques,
that it caused you to change your habits or hunting techniques,
or that it caused you to quit hunting altogether?

(READ SCALE AS NECESSARY)

HABIT2 91:3

(CHECK ONLY ONE ANSWER)

- 1. Invalid answer. Select another. (GO TO QUESTION 208)
- 2. Had no affect on hunting habits or techniques
- 3. Caused a change in habits or hunting techniques
- 4. Caused you to quit hunting altogether
- 5. Don't know

IF (#208 = 3) GO TO #210

IF (#19 = 2) GO TO #307

SKIP TO QUESTION 212

=====

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209. YOU DID NOT USE
YOUR SPACE BAR

NOSPAC98

PRESS ENTER TO TRY AGAIN

210. In what way did the accident cause you to change your hunting
habits or techniques? (DNR LIST; CHECK ALL THAT APPLY)

CHHAB2 91:4-10

(CHECK ALL THAT APPLY)

- 1. Don't hunt from a Elevated Stand anymore
- 2. Use a different type of Elevated Stand now
- 3. Wear a fall restraint device
- 4. Exercise more caution while in Elevated Stand
- 5. Exercise more caution while hunting in general
- 6. Don't know
- 7. Other

IF (#210 = 0) GO TO #209

IF (#210 @ 7) GO TO #211

IF (#19 = 2) GO TO #307

SKIP TO QUESTION 212

211. ENTER OTHER WAY HUNTING HABITS OR TECHNIQUES HAVE CHANGED
(IN FIRST PERSON; 120 CHAR.)

CHHAB2ST 92:1-120

IF (#19 = 2) GO TO #307

[QUESTIONS 212-306 HAVE BEEN DELETED FROM THIS REPORT BECAUSE THEY CONCERNED THE THIRD ACCIDENT, SIMPLY REPEATING THE SAME QUESTIONS ASKED ABOUT THE FIRST AND SECOND ACCIDENTS. NO RESPONDENTS HAD EXPERIENCED MORE THAN TWO ACCIDENTS, SO THESE QUESTIONS WERE NEVER ASKED OF ANY RESPONDENTS.]

307. And finally, may I ask your age?
(ENTER ? FOR DON'T KNOW; ENTER 888 FOR REFUSED)

AGE 137:1-3

|_|_|_|

LOWEST VALUE = 1

308. That's the end of the questionnaire, thank you very much for your time and cooperation!
(ENTER ANY ADDITIONAL COMMENTS; IN FIRST PERSON; 120 CHARACTERS)

END 138:1-120

2002 Tree Stand Safety Survey

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315. ARE YOU SURE YOU WANT TO ERASE THIS INTERVIEW?

ONLY ERASE IF: Terminated (record on back),
RF, BZ, NA, DS, BG, DL, AM

MAKESURE 139:22

(CHECK ONLY ONE ANSWER)

1. No, do not erase the answers (GO TO QUESTION 314)
 2. Yes, erase this interview

316. Date call was made

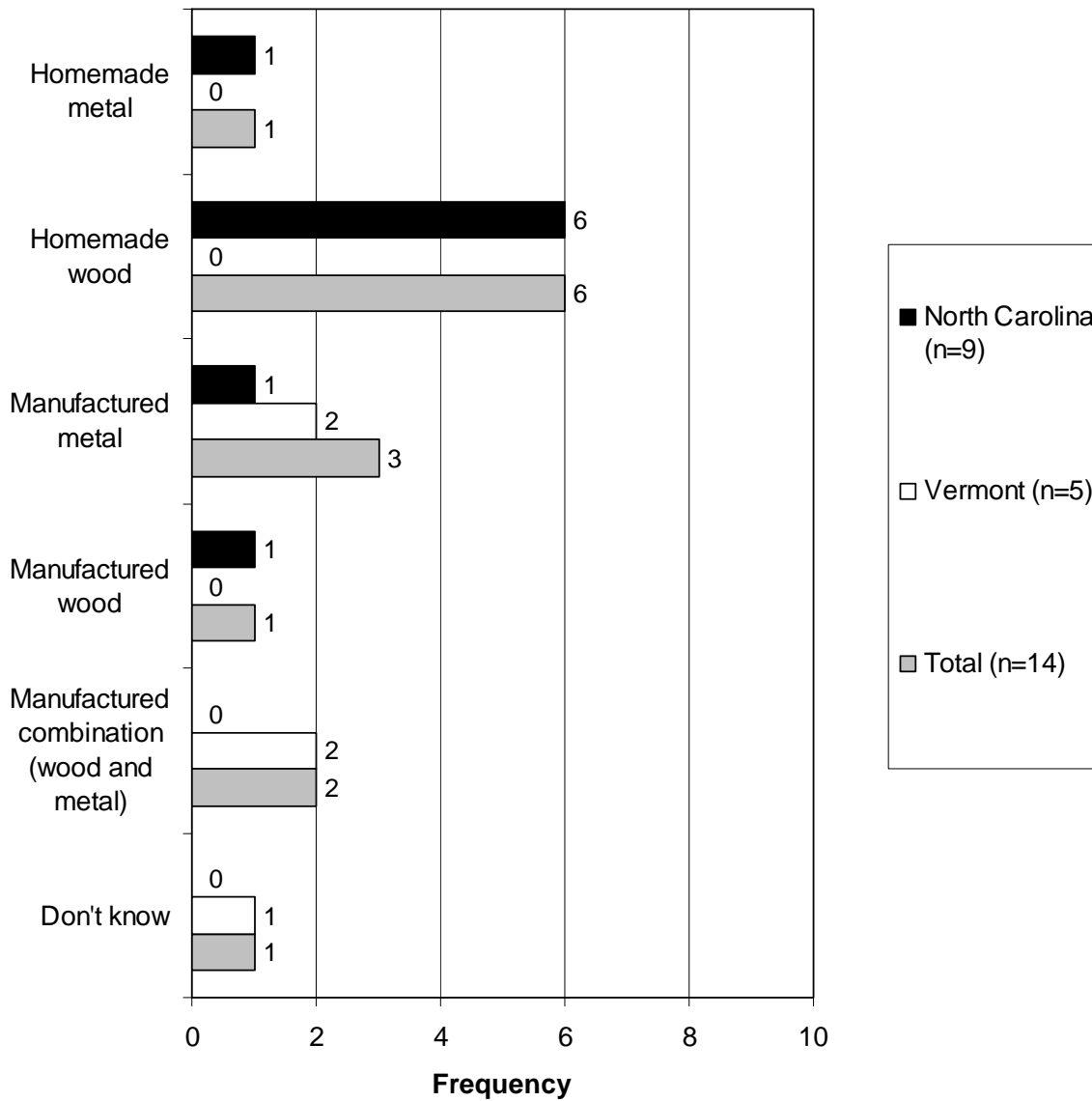
INTVDAT 139:23-30

|__|__|__|__| - |__|__| - |__|__|
Year Month Day

SAVE IF (#314 = 1)

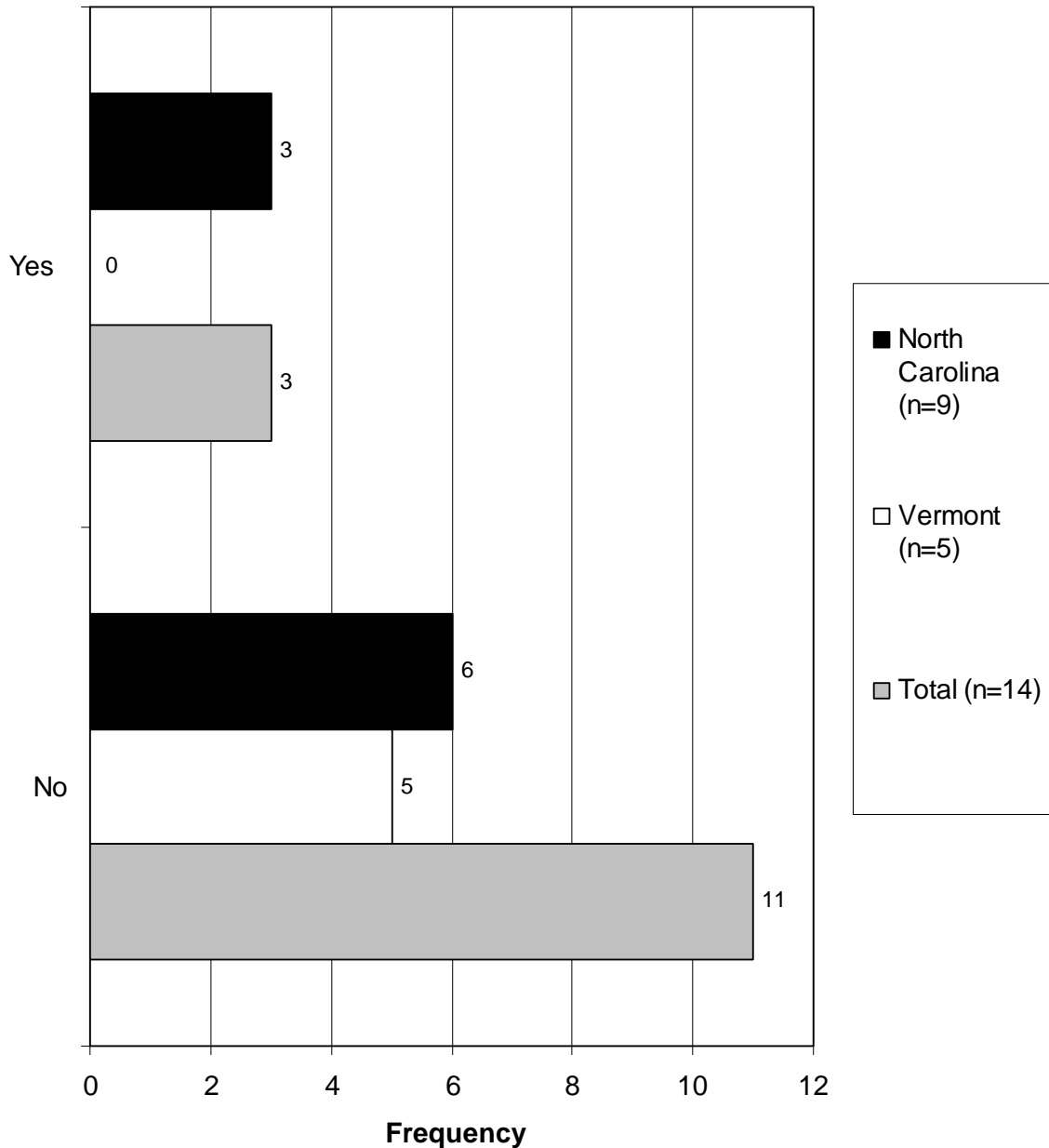
APPENDIX A: INDIVIDUAL GRAPHS THAT WERE COMBINED IN SURVEY RESULTS

**Q47. What was the construction of the ladder stand (most recent accident)? Was it...?
 (Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a ladder stand)**

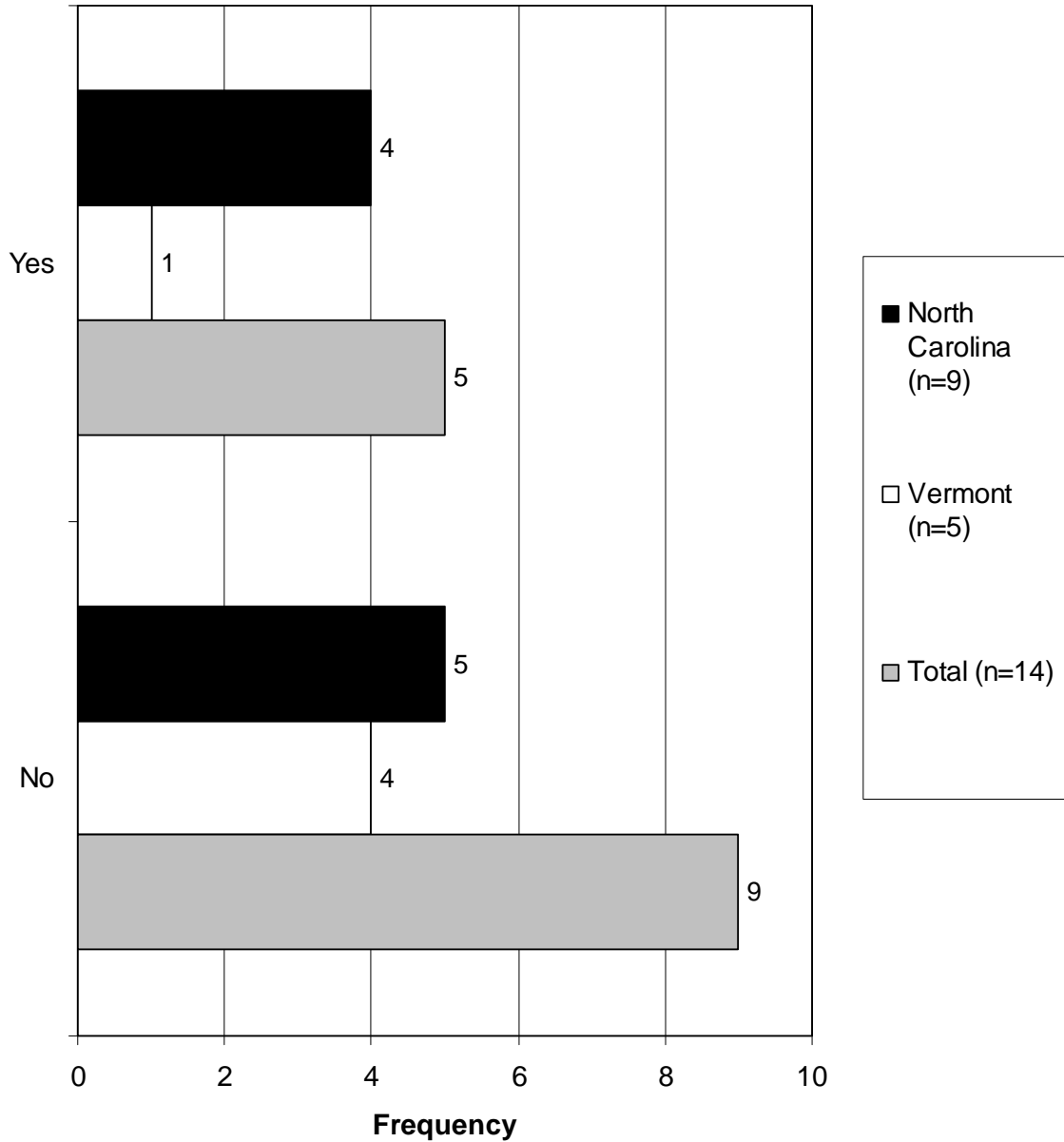


Q49. Was the ladder treestand defective (most recent accident)?

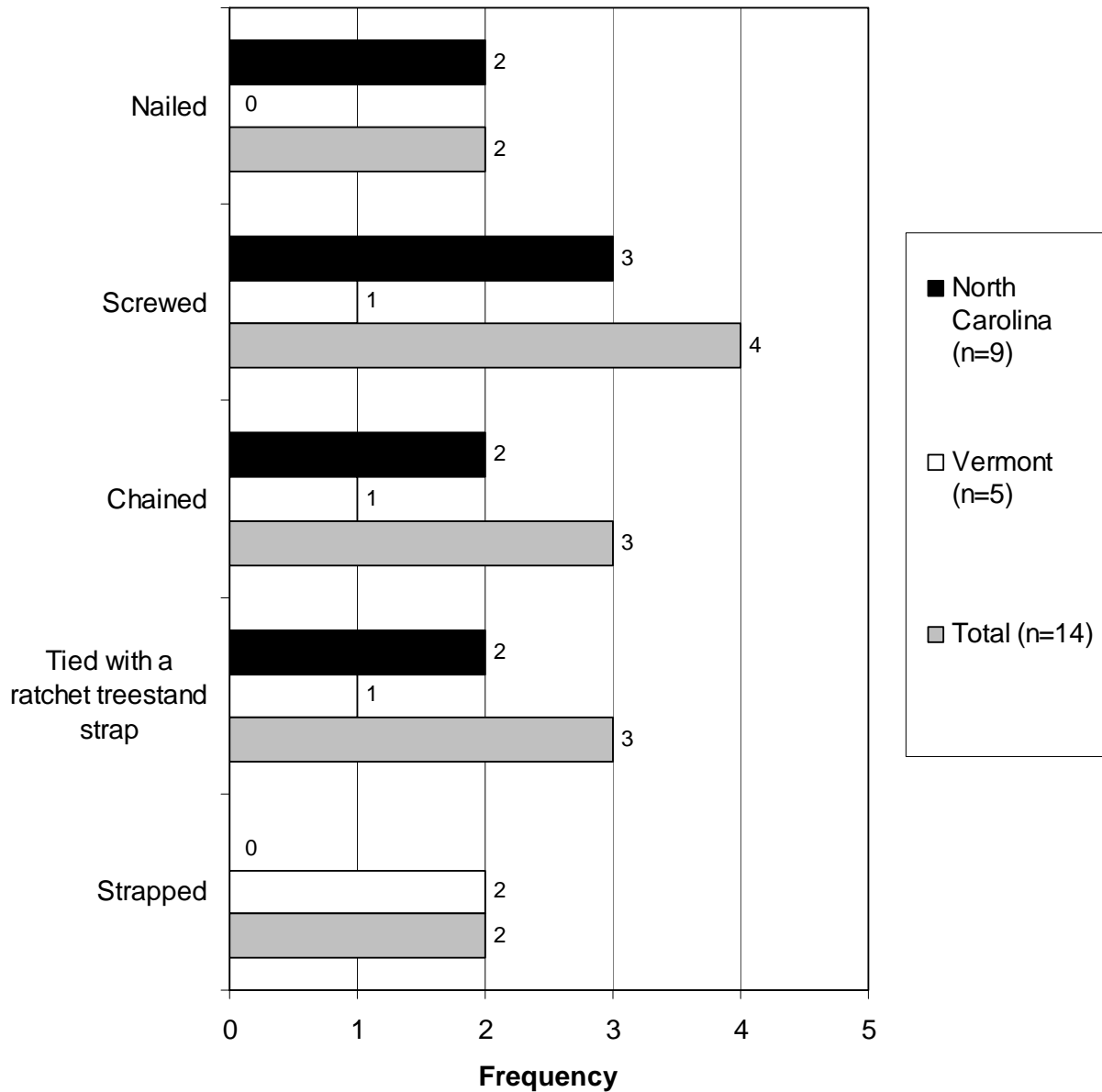
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a ladder stand)



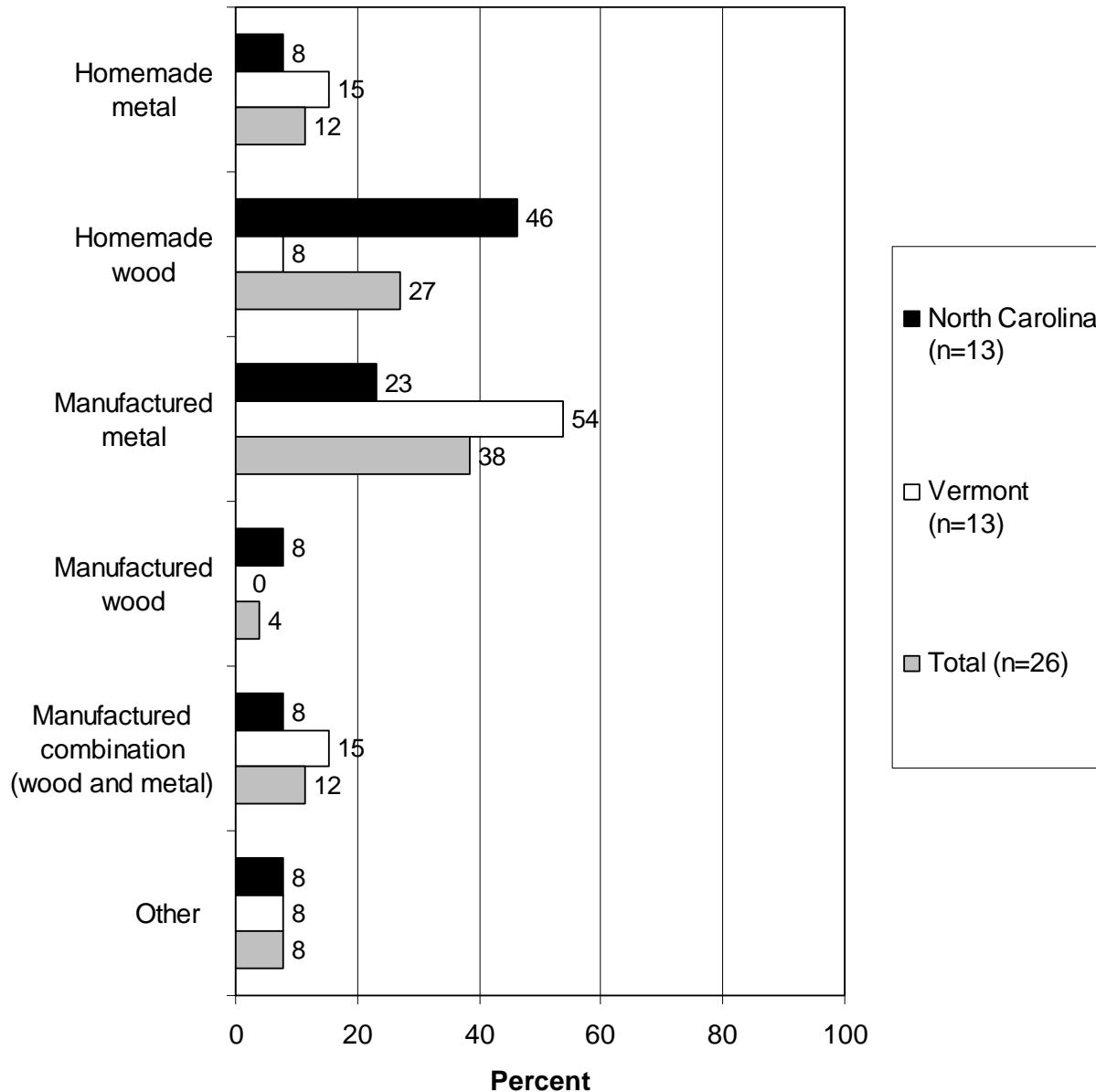
Q53. Was there any type of safety or shooting rail around the stand (most recent accident)?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a ladder stand)



**Q54. How was the platform on top of the ladder stand attached to the tree (most recent accident)?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a ladder stand)**

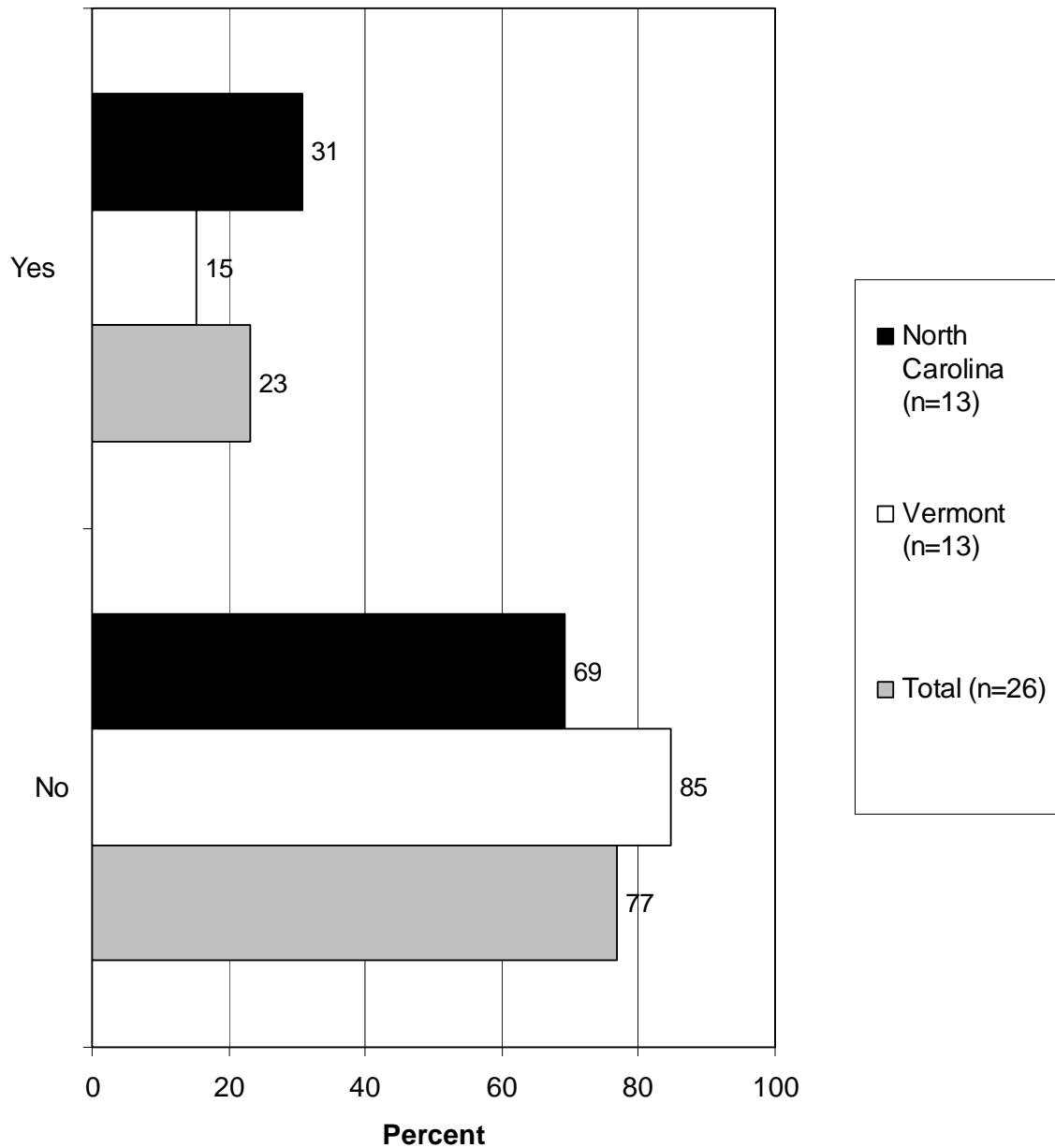


**Q62. What was the construction of the fixed position stand (most recent accident)? Was it...?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a fixed position stand)**

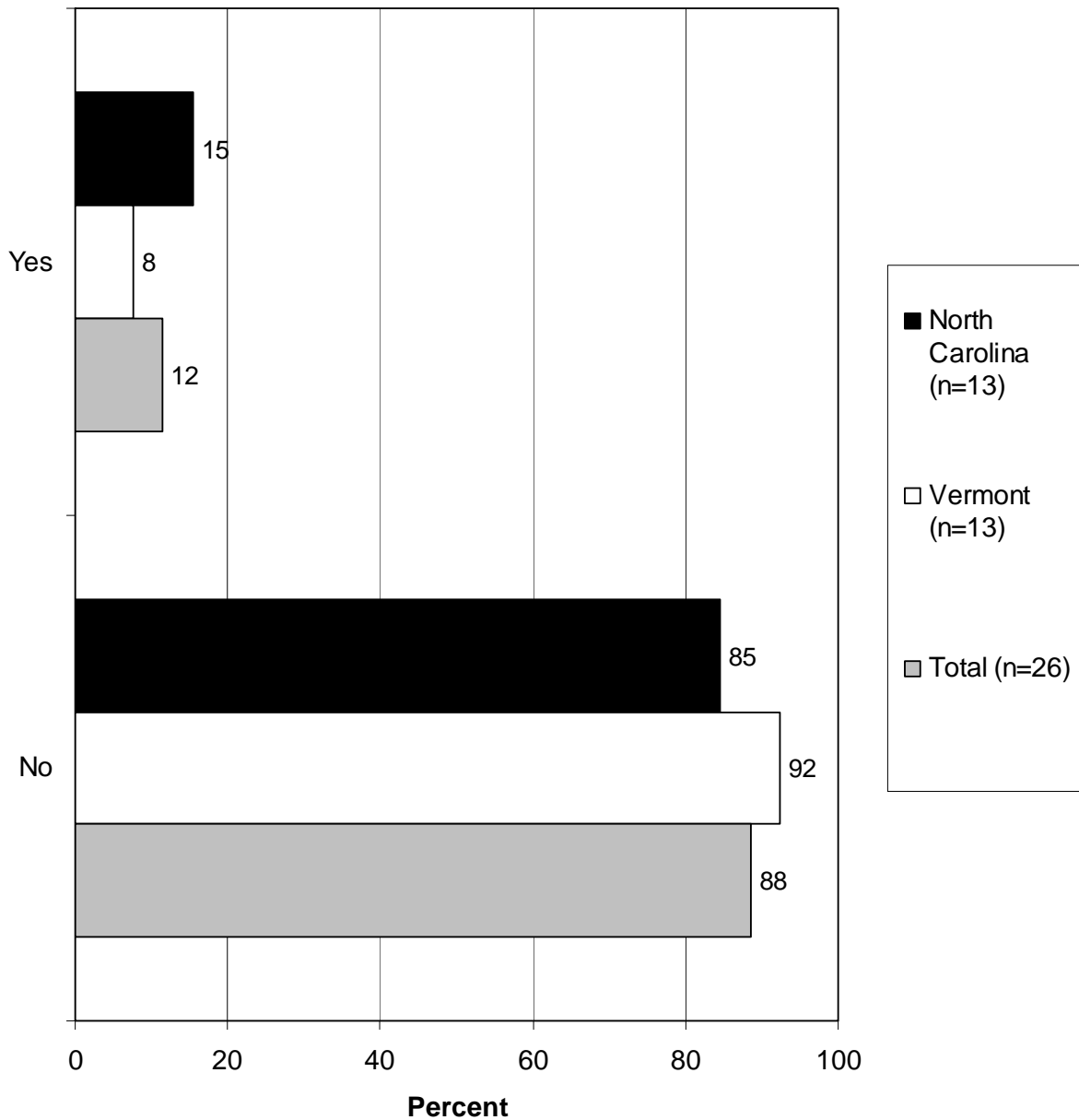


Q65. Was the fixed position treestand defective (most recent accident)?

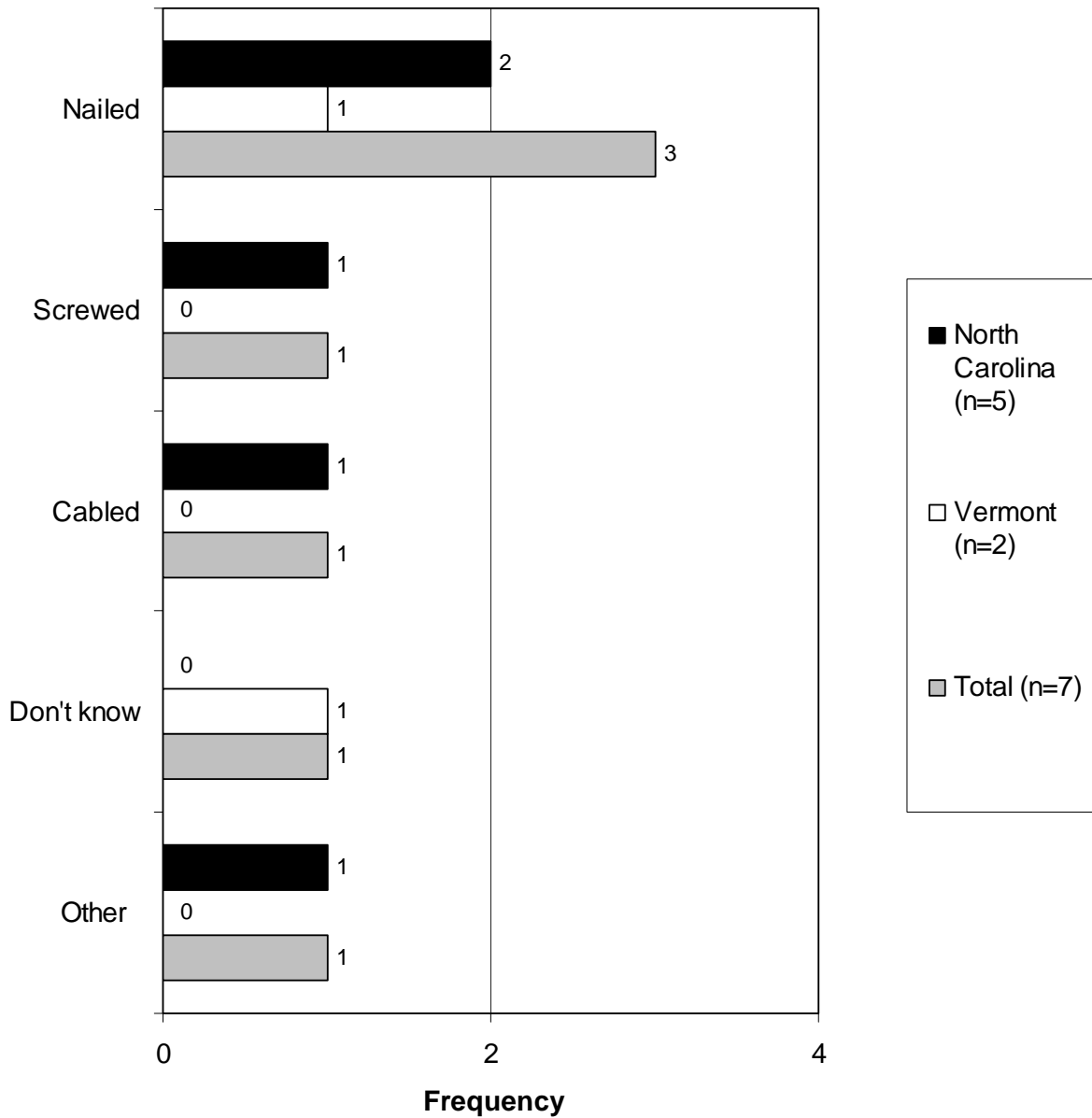
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a fixed position stand)



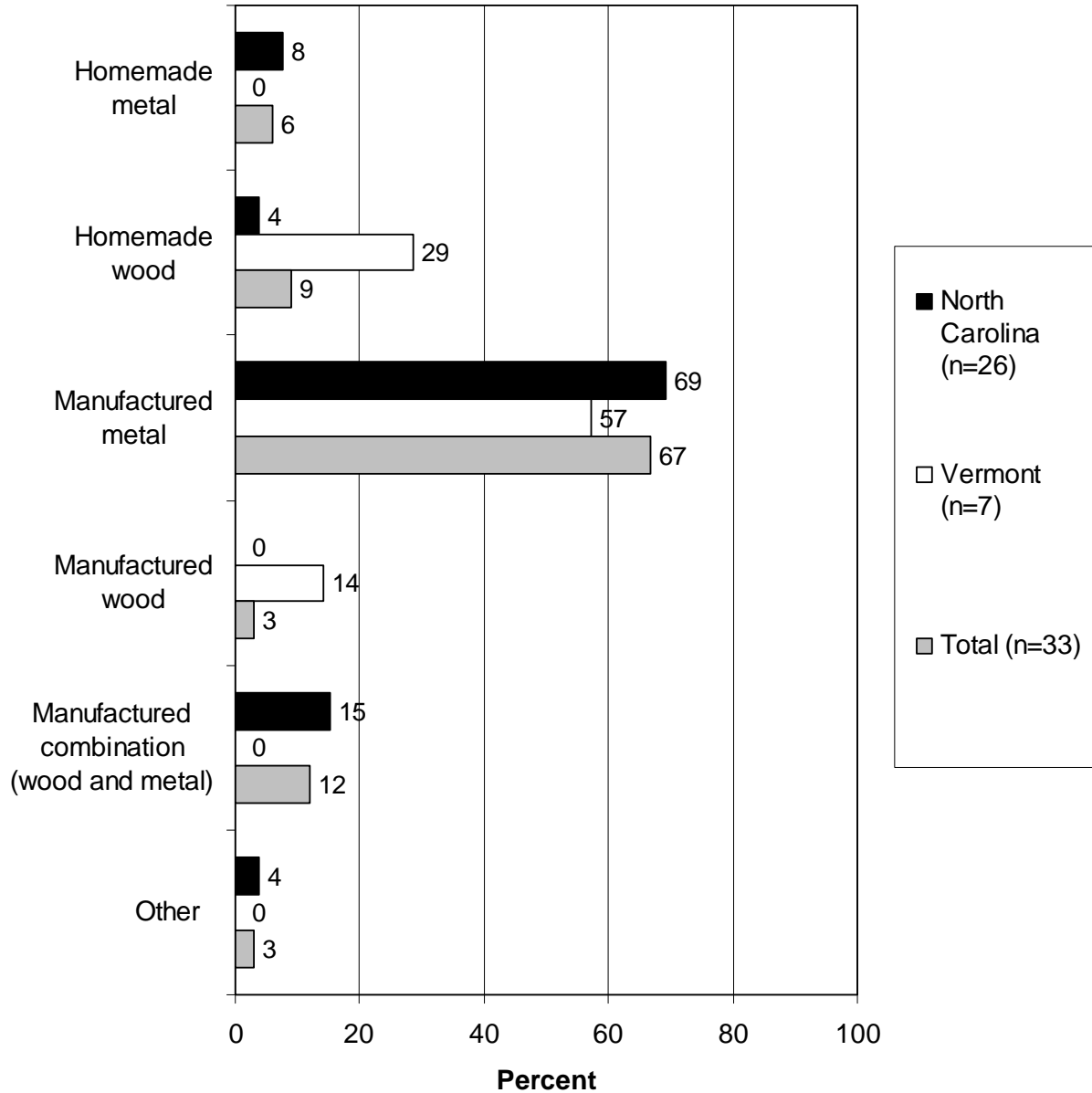
Q69. Was there any type of safety or shooting rail around the stand (most recent accident)?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a fixed position stand)



Q70. How was the permanent stand attached to the tree (most recent accident)?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a fixed position stand)

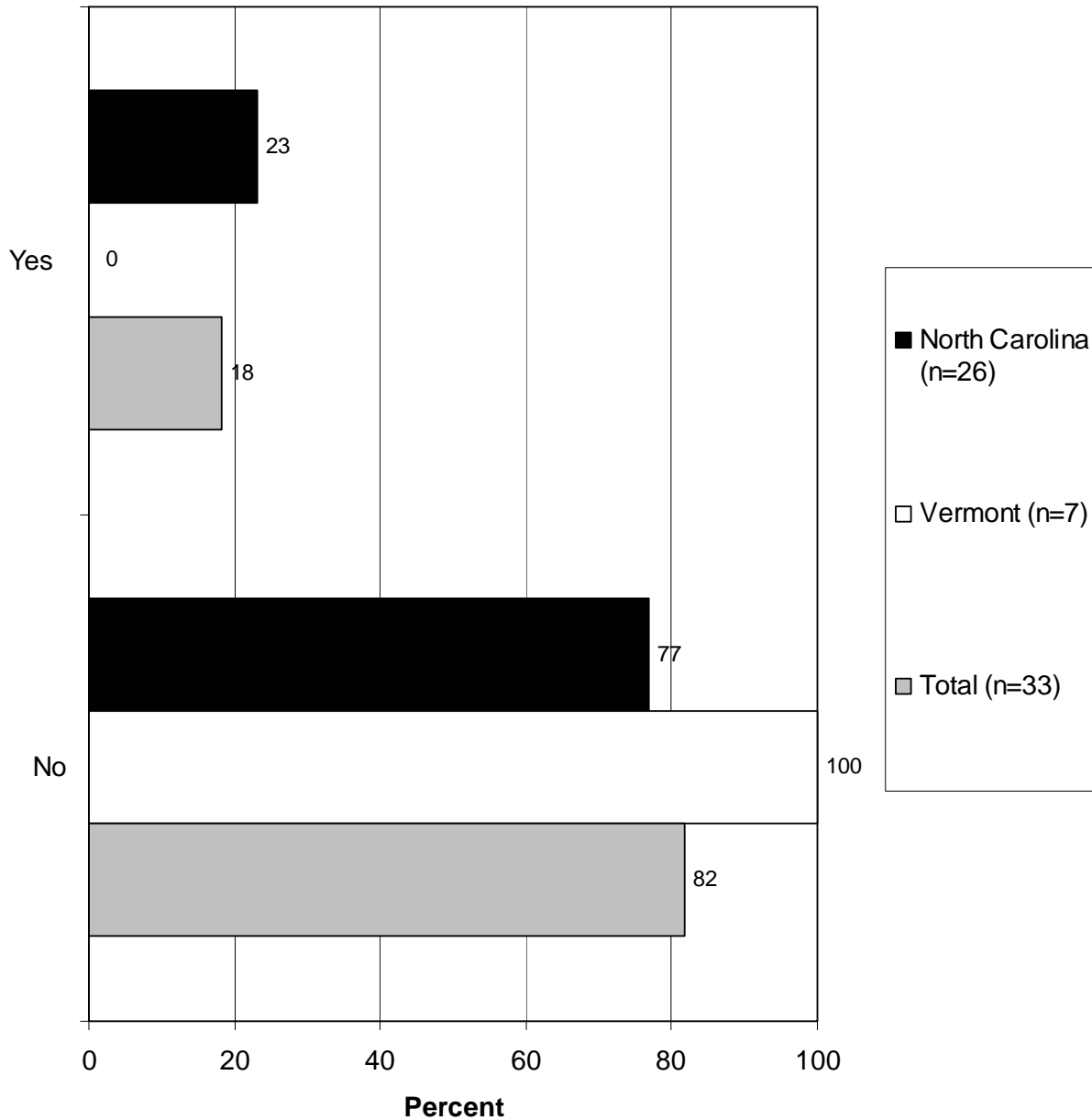


**Q80. What was the construction of the climbing stand (most recent accident)? Was it...?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a climbing treestand)**

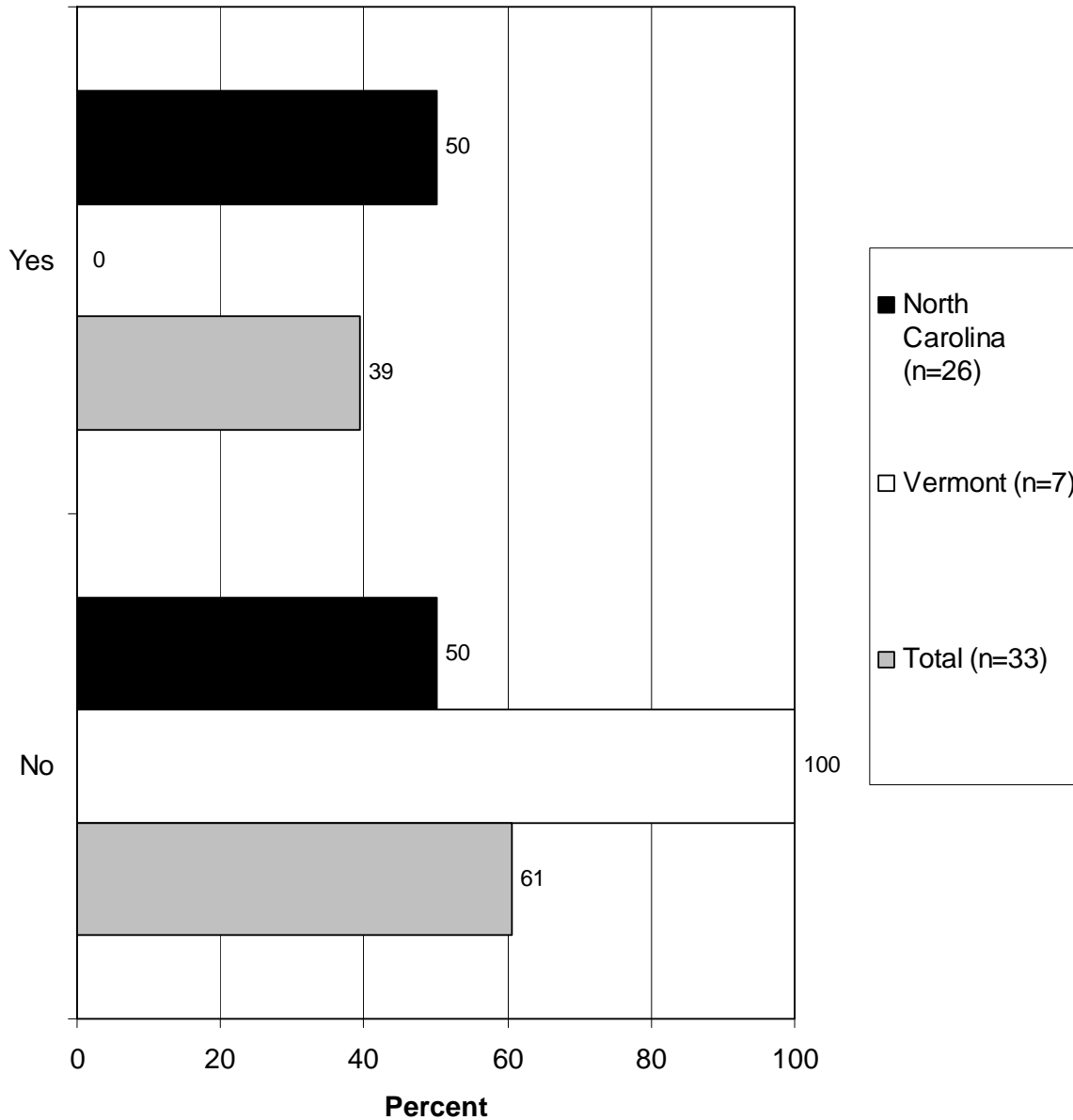


Q82. Was the climbing treestand defective (most recent accident)?

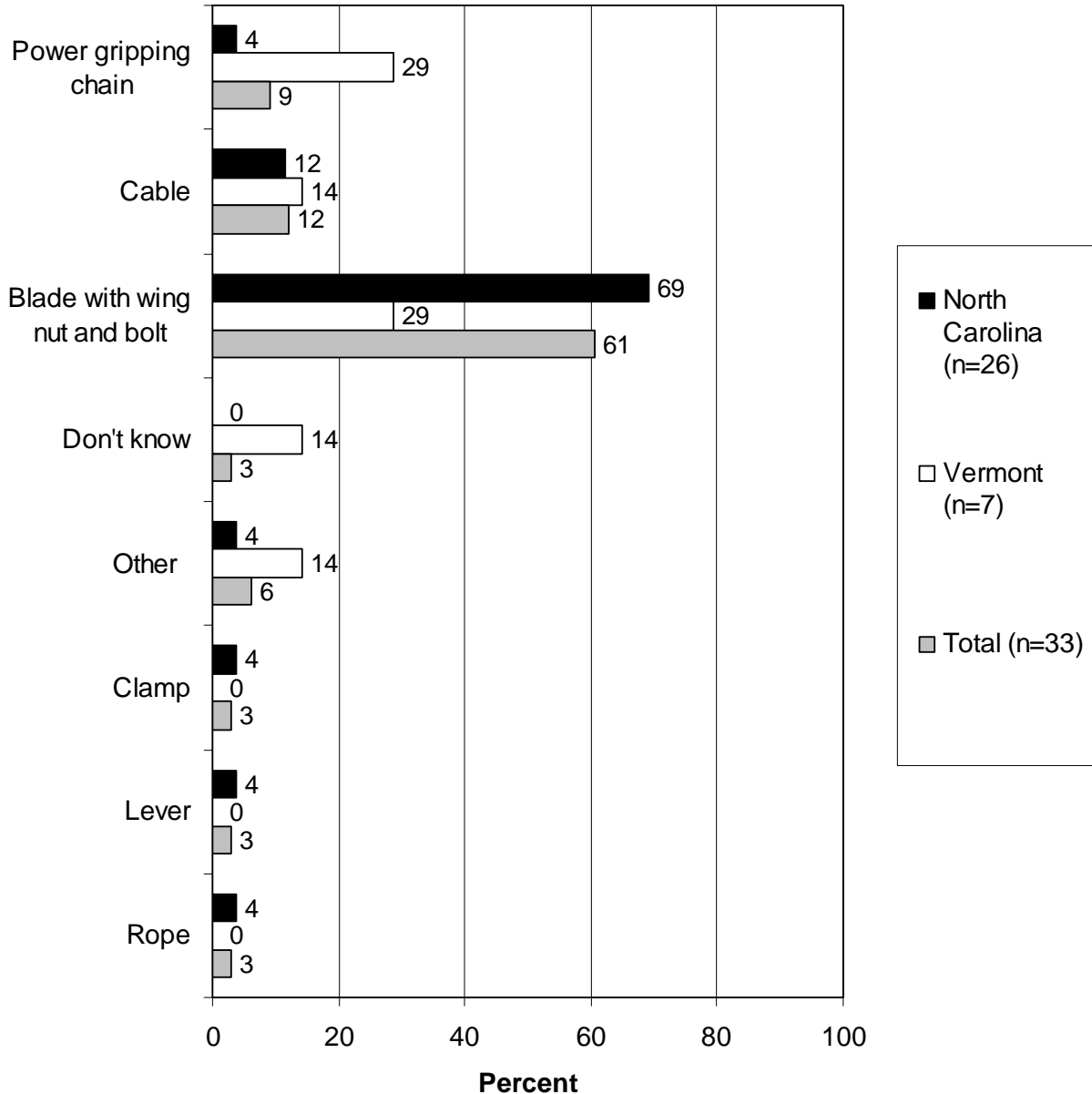
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a climbing treestand)



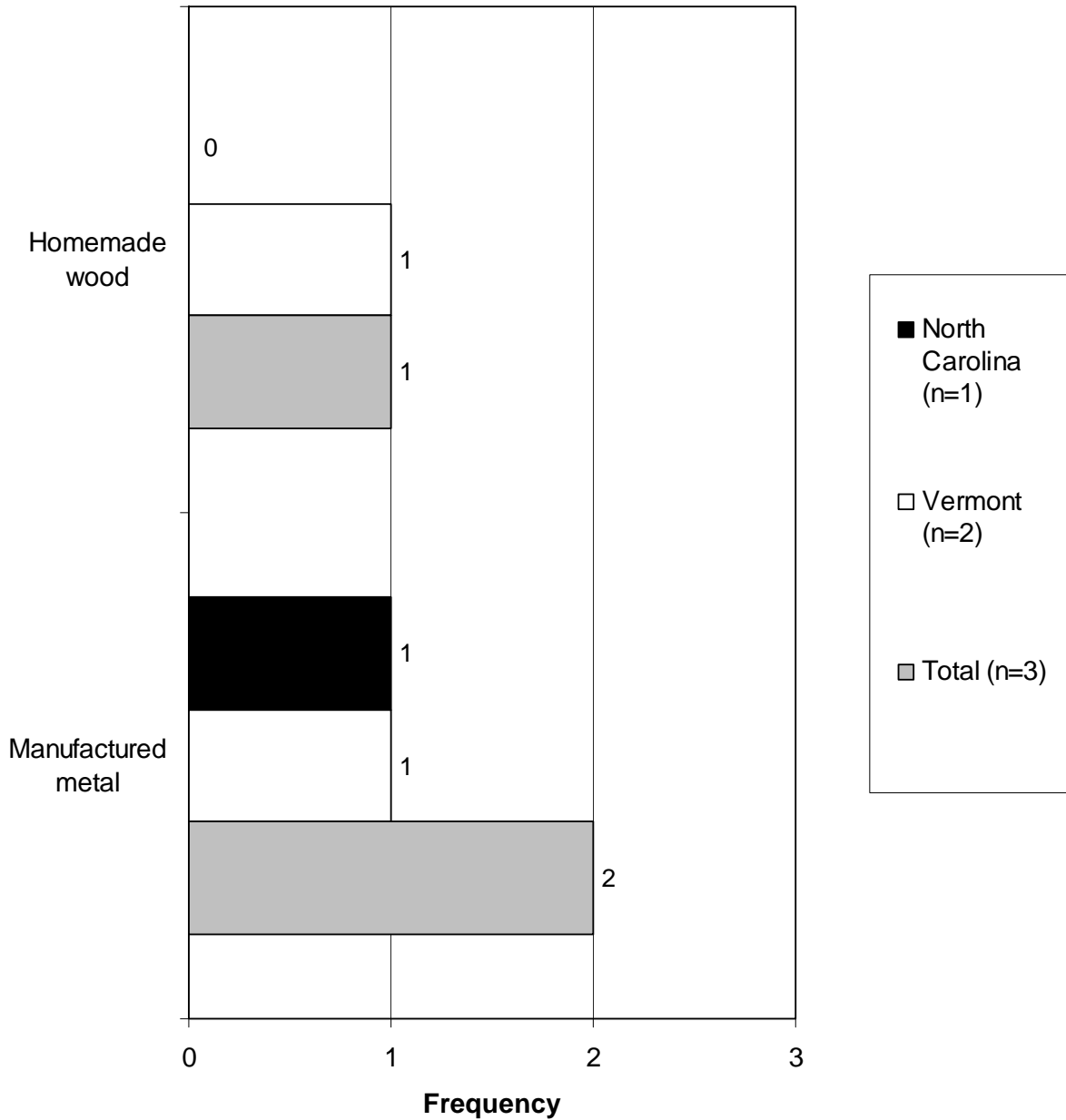
Q86. Was there any type of safety or shooting rail around the stand (most recent accident)?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a climbing treestand)



Q87. How was the climbing stand attached to the tree (most recent accident)?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a climbing treestand)

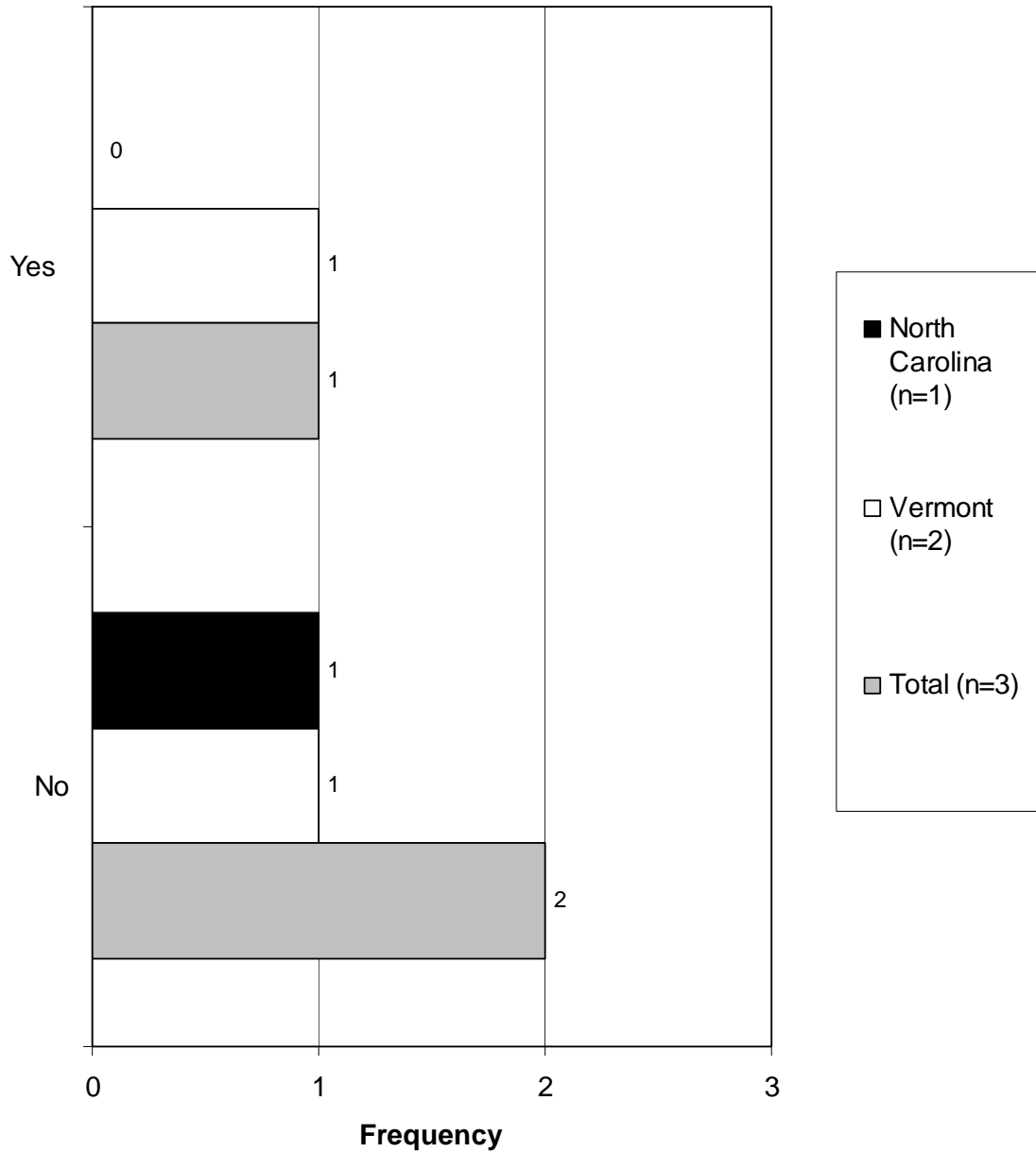


**Q97. What was the construction of the tripod or quad stand (most recent accident)? Was it...?
 (Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a tripod or quad stand)**

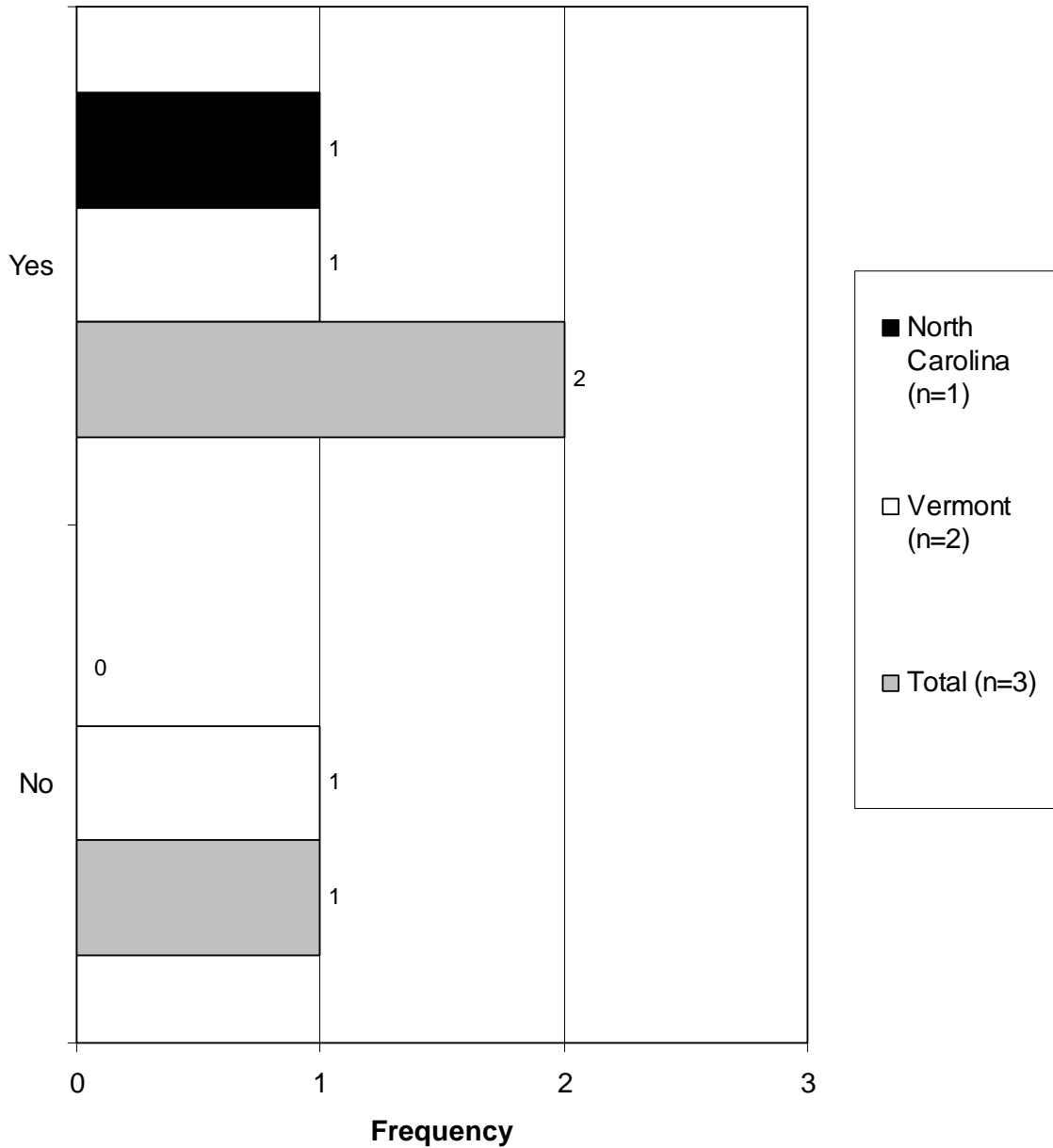


Q99. Was the tripod or quad treestand defective (most recent accident)?

(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a tripod or quad stand)



Q103. Was there any type of safety or shooting rail around the stand (most recent accident)?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a tripod or quad stand)



Q104. Was the stand anchored into the ground or into a tree (most recent accident)?
(Asked of those who indicated that they had experienced a treestand accident in the past 10 years and had used a tripod or quad stand)

