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?

![Bar chart showing the distribution of hunting equipment preferences.]

- **Bow (compound, recurve, or long bow)**: 42% in North Carolina (n=536), 67% in Vermont (n=520), 65% in Total (n=1056).
- **Crossbow**: 2% in North Carolina, 2% in Vermont, 2% in Total.
- **Muzzleloader**: 3% in North Carolina, 2% in Vermont, 3% in Total.
- **Rifle**: 28% in North Carolina, 47% in Vermont, 47% in Total.
- **Shotgun**: 12% in North Carolina, 6% in Vermont, 18% in Total.
- **Pistol**: 0% in all categories.
Q8. How do you get your equipment (bow, rifle, shotgun, etc.) into the elevated hunting stand most often?

- Rope: North Carolina (73), Vermont (84), Total (79)
- Carry up by hand while climbing: North Carolina (3), Vermont (3), Total (3)
- Carry over the shoulder/back with a sling: North Carolina (11), Vermont (16), Total (22)
- Reach it up: North Carolina (1), Vermont (1), Total (1)
- Don't know: North Carolina (1), Vermont (1), Total (1)
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?

<table>
<thead>
<tr>
<th></th>
<th>North Carolina (n=536)</th>
<th>Vermont (n=520)</th>
<th>Total (n=1056)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>54</td>
<td>63</td>
<td>72</td>
</tr>
<tr>
<td>No</td>
<td>46</td>
<td>37</td>
<td>28</td>
</tr>
<tr>
<td>Don't know</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
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)

- Yes: North Carolina (34%), Vermont (47%), Total (34%)
- No: North Carolina (28%), Vermont (51%), Total (49%)
- Don't know: North Carolina (19%), Vermont (21%), Total (20%)
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?

- Very concerned:
  - North Carolina (n=536): 60
  - Vermont (n=520): 58
  - Total (n=1056): 59

- Somewhat concerned:
  - North Carolina (n=536): 19
  - Vermont (n=520): 24
  - Total (n=1056): 21

- Not at all concerned:
  - North Carolina (n=536): 21
  - Vermont (n=520): 15
  - Total (n=1056): 18

- Don't know:
  - North Carolina (n=536): 2
  - Vermont (n=520): 2
  - Total (n=1056): 1

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

<table>
<thead>
<tr>
<th>Reason</th>
<th>North Carolina (n=536)</th>
<th>Vermont (n=520)</th>
<th>Total (n=1056)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carelessness</td>
<td>57</td>
<td>57</td>
<td>57</td>
</tr>
<tr>
<td>Poor judgement</td>
<td>18</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>Lack of familiarity with equipment</td>
<td>13</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Lack of sleep</td>
<td>10</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Equipment failure</td>
<td>13</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Not using a harness</td>
<td>13</td>
<td>13</td>
<td>13</td>
</tr>
<tr>
<td>Improper installation of hunting elevated stand</td>
<td>7</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Don't know</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Excitement</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Weather conditions</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Alcohol</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Transporting the hunting equipment or out of the elevated hunting stand</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Transitioning into or out of the elevated hunting stand</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Drugs</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Unfit</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Light conditions</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Unexpected health problem (heart attack, etc.)</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>
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?

- Very likely
  - North Carolina (n=536)
  - Vermont (n=520)
  - Total (n=1056)

- Somewhat likely
  - North Carolina (n=536)
  - Vermont (n=520)
  - Total (n=1056)

- Not at all likely
  - North Carolina (n=536)
  - Vermont (n=520)
  - Total (n=1056)

- Don't know
  - North Carolina (n=536)
  - Vermont (n=520)
  - Total (n=1056)
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?

- **Yes**
  - North Carolina (n=536): 9
  - Total (n=1056): 5
  - Vermont (n=520): 7

- **No**
  - North Carolina (n=536): 91
  - Total (n=1056): 95
  - Vermont (n=520): 93

- **Don't know**
  - North Carolina (n=536): 0
  - Total (n=1056): 0
  - Vermont (n=520): 0
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 ($M=16.75$, $SD=8.35$) versus lack of need for attention ($M=13.24$, $SD=7.36$) 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)

![Bar chart showing the percentage of respondents using different hunting equipment in North Carolina, Vermont, and the total (n=76).]

- **Bow (compound, recurve, or long bow)**
  - North Carolina (n=49): 35%
  - Vermont (n=27): 10%
  - Total (n=76): 54%

- **Crossbow**
  - North Carolina (n=49): 4%
  - Vermont (n=27): 1%
  - Total (n=76):

- **Muzzleloader**
  - North Carolina (n=49): 7%
  - Vermont (n=27): 9%
  - Total (n=76):

- **Rifle**
  - North Carolina (n=49): 0%
  - Vermont (n=27): 0%
  - Total (n=76): 25%

- **Shotgun**
  - North Carolina (n=49): 0%
  - Vermont (n=27): 11%
  - Total (n=76):
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)

<table>
<thead>
<tr>
<th>Device Type</th>
<th>North Carolina (n=49)</th>
<th>Vermont (n=27)</th>
<th>Total (n=76)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full body harness</td>
<td>6/7</td>
<td>6/7</td>
<td>12/14</td>
</tr>
<tr>
<td>Chest harness</td>
<td>4/10</td>
<td>4/8</td>
<td>8/18</td>
</tr>
<tr>
<td>Safety belt</td>
<td>16/15</td>
<td>16/16</td>
<td>32/32</td>
</tr>
<tr>
<td>Rope</td>
<td>0/7</td>
<td>0/7</td>
<td>0/7</td>
</tr>
<tr>
<td>Don't know</td>
<td>2/0</td>
<td>0/1</td>
<td>2/1</td>
</tr>
<tr>
<td>Other</td>
<td>6/11</td>
<td>8/8</td>
<td>14/19</td>
</tr>
<tr>
<td>Did not use a restraint</td>
<td>59/58</td>
<td>56/58</td>
<td>115/116</td>
</tr>
</tbody>
</table>

Percent
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)

![Bar chart showing the percentage of respondents wearing fall-restraint devices.](chart.png)

- **North Carolina (n=49)**:
  - Yes: 24%
  - No: 76%
  - Don't know: 0%

- **Vermont (n=27)**:
  - Yes: 15%
  - No: 81%
  - Don't know: 4%

- **Total (n=76)**:
  - Yes: 21%
  - No: 78%
  - Don't know: 1%
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)

![Bar chart showing frequency of responses](chart.png)
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)

- None of these: 92% (North Carolina = 62, Vermont = 77)
- Other: 23 (North Carolina = 12, Vermont = 11)
- Lack of sleep: 8% (North Carolina = 8, Vermont = 8)
- Stress: 8% (North Carolina = 4, Vermont = 4)
- Drugs: 0%
- Medication: 0%
- Alcohol: 0%
- Don’t know: 0%

Total responses: 26 (North Carolina = 13, Vermont = 13)
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)

- Other: 1
- Medication: 0
- Alcohol: 0
- Lack of sleep: 0
- Stress: 0
- Don’t know: 0
- None of these: 0

Multiple Responses Allowed

Frequency

North Carolina (n=1)
Vermont (n=2)
Total (n=3)
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)

- Did not have a rail
  - North Carolina (n=49): 59%
  - Vermont (n=27): 70%
  - Total (n=76): 89%

- Had a rail
  - North Carolina (n=49): 41%
  - Vermont (n=27): 30%
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)

- A step broke: 0 (North Carolina), 2 (Total)
- Brace to tree gave way: 0 (North Carolina), 1 (Total)
- Attachment of platform broke (cable, blade, chain, etc.): 0 (North Carolina), 1 (Total)
- Platform broke: 0 (North Carolina), 0 (Total)
- Seat broke: 0 (North Carolina), 0 (Total)
- Safety/shooting rail broke: 0 (North Carolina), 0 (Total)
- Don't know: 0 (North Carolina), 0 (Total)
- Other: 0 (North Carolina), 0 (Total)
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)

<table>
<thead>
<tr>
<th>Percent</th>
<th>North Carolina (n=13)</th>
<th>Vermont (n=13)</th>
<th>Total (n=26)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permanent</td>
<td>15</td>
<td>27</td>
<td>38</td>
</tr>
<tr>
<td>Portable (hang-on type)</td>
<td>73</td>
<td>85</td>
<td>85</td>
</tr>
</tbody>
</table>
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)

- A step broke
- Brace to tree gave way
- Attachment of platform broke (cable, blade,)
- Safety/shooting rail broke
- Rotted and broke
- Platform broke
- Seat broke
- Don't know
- Other

Frequency

<table>
<thead>
<tr>
<th>Category</th>
<th>North Carolina (n=4)</th>
<th>Vermont (n=2)</th>
<th>Total (n=6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A step broke</td>
<td>1</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Brace to tree gave way</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Attachment of platform broke</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Safety/shooting rail broke</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Rotted and broke</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Platform broke</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Seat broke</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Don't know</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
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)

- **Screw in**: 69% (North Carolina: 54%, Vermont: 38%, Total: 54%)
- **Wood**: 23% (North Carolina: 15%, Vermont: 8%, Total: 23%)
- **Strap steps**: 8% (North Carolina: 4%, Vermont: 4%, Total: 8%)
- **Climbing stick (steps on pole)**: 8% (North Carolina: 0%, Vermont: 0%, Total: 8%)
- **Tree climbers (spikes to hook onto boots)**: 8% (North Carolina: 0%, Vermont: 0%, Total: 8%)
- **Tree limbs**: 38% (North Carolina: 19%, Vermont: 19%, Total: 38%)
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)

- Attachment of platform broke (cable, blade, chain, etc.): 3
- Foot climber broke: 1
- Platform broke: 0
- Seat broke: 0
- Safety/shooting rail broke: 0
- Hand climber broke: 0
- Don't know: 0

Multiple Responses Allowed

North Carolina (n=6)
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)

Old: 1
Step broke: 0
Platform broke: 0
Seat broke: 0
Safety/shooting rail broke: 0
Anchor to ground broke: 0
Leg of elevated hunting stand broke: 0
Don't know: 0
Other: 0

Multiple Responses Allowed

Vermont (n=1)
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)

<table>
<thead>
<tr>
<th>Behavior</th>
<th>North Carolina (n=40)</th>
<th>Vermont (n=16)</th>
<th>Total (n=56)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercise more caution while in Elevated hunting stand</td>
<td>50</td>
<td>53</td>
<td>52</td>
</tr>
<tr>
<td>Wear a fall-restraint device</td>
<td>34</td>
<td>33</td>
<td>38</td>
</tr>
<tr>
<td>Use a different type of elevated hunting stand now</td>
<td>29</td>
<td>25</td>
<td>29</td>
</tr>
<tr>
<td>Exercise more caution while hunting in general</td>
<td>16</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Don't hunt from an elevated hunting stand anymore</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Other</td>
<td>6</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>Don't know</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Multiple Responses Allowed

Percent
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)

- Clear: 70% (North Carolina: 59%, Vermont: 4%)
- Overcast, but dry: 4%
- Wet/rainy: 23% (North Carolina: 14%, Vermont: 9%)
- Icy: 0%
- Snowy: 2% (North Carolina: 2%, Vermont: 0%)
- Don't know: 4% (North Carolina: 4%, Vermont: 0%)
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)

- **North Carolina (n=49)**: 202 pounds
- **Vermont (n=27)**: 199 pounds
- **Total (n=76)**: 201 pounds

**Mean number of pounds**
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)

North Carolina (n=49)

Vermont (n=25)

Total (n=74)

Mean number of years

31

36

33
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)

- Full body harness
- Chest harness
- Safety belt
- Rope
- Don’t know
- Other
- Did not use a restraint device

<table>
<thead>
<tr>
<th></th>
<th>North Carolina (n=5)</th>
<th>Vermont (n=1)</th>
<th>Total (n=6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full body harness</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Chest harness</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Safety belt</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Rope</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Don’t know</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Did not use a restraint device</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
</tbody>
</table>
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)

Yes

No

Frequency

North Carolina (n=5)

Vermont (n=1)

Total (n=6)
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)

- Climbing into the hunting position
- Repositioning yourself in the stand
- In position in the elevated hunting stand
- Putting stand into position
- Getting down from the Elevated hunting stand
- Stepping into the elevated hunting stand
- Stepping out of the elevated hunting stand
- Don't know

Frequency:

- North Carolina (n=5)
- Vermont (n=1)
- Total (n=6)
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)

- Dark/no light: North Carolina (n=5) 1, Vermont (n=1) 1
- Dim/some light: North Carolina (n=5) 1, Vermont (n=1) 1
- Daylight, but overcast: North Carolina (n=5) 0, Vermont (n=1) 0
- Daylight: North Carolina (n=5) 3, Vermont (n=1) 0

Frequency

Total (n=6)
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)

- Clear: 1 in North Carolina, 5 in total
- Overcast, but dry: 0
- Wet/rainy: 0
- Icy: 0
- Snowy: 0
- Don't know: 0
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)

- Fell onto ground
- Caught on steps while falling
- Injured by safety harness, belt, etc.
- Don't know
- Other
- Was not injured

Multiple Responses Allowed

North Carolina (n=5)
Vermont (n=1)
Total (n=6)
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)

- 5 feet or less
  - North Carolina (n=5): 1
  - Vermont (n=1): 1
  - Total (n=6): 2

- 6-10 feet
  - North Carolina (n=5): 1
  - Vermont (n=1): 1
  - Total (n=6): 0

- 11-15 feet
  - North Carolina (n=5): 3
  - Vermont (n=1): 0
  - Total (n=6): 3
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)

- Use a different type of elevated hunting stand now: 2
- Exercise more caution while in elevated hunting stand: 1
- Don't hunt from an elevated hunting stand anymore: 0
- Wear a fall-restraint device: 0
- Exercise more caution while hunting in general: 0
- Don't know: 0
- Other: 0

North Carolina (n=3)
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%).

![Graph showing respondent's age distribution](image)
Q309. Respondent's gender (not asked, but observed by interviewer).

![Graph showing gender distribution]

- Male: 97% in North Carolina (n=536), 98% in Vermont (n=520), and 97% in Total (n=1056).
- Female: 3% in North Carolina (n=536), 2% in Vermont (n=520), and 3% in Total (n=1056).
### 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. |
1. PRESS RETURN WHEN INTERVIEW BEGINS

START

TIMER STARTS AFTER THIS SCREEN

2. Time when interview began

|__|__|__|__|__|

TIME1 1:1-5

3. Hello, may I speak with ________? My name is __________, and I'm calling to ask some questions about hunting safety. I am not selling anything and your answers will be kept strictly confidential. Your responses will be used by the North Carolina Wildlife Resources Commission, the International Hunter Education Association, and the Vermont Fish and Wildlife Department to gain information about Elevated Stand accidents. Do you have a few minutes to answer some questions?

(CHECK ONLY ONE ANSWER)

|__| 1. Correct person, good time to do survey (GO TO QUESTION 5)
|__| 2. Bad time/schedule recall (CB - do not save) (GO TO QUESTION 4)
|__| 3. AM, NA, BZ (do not save)
|__| 4. TM
|__| 5. RF
|__| 6. NE
|__| 7. DS
|__| 8. BG
|__| 9. DL
|__| 10. Bad Number (missing digit, begins with zero, etc.)

SKIP TO QUESTION 314

=============================================================================  

4. When would be a more convenient time to call you back?
Thank you for your time.

WHENCALL

ENTER DAY AND TIME ON CALLSHEET (CB)

SKIP TO QUESTION 314

=============================================================================
5. First, I'd just like to ask you a few general questions about hunting and hunting safety. Do you ever use an Elevated Stand, while big game hunting? (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 an Elevated Stand while big game hunting. Thank you for your time and cooperation.

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

(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?  

(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)  

(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  

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)

(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.)

WHYACCSS 2:1-120

___________________________________________________________
___________________________________________________________
___________________________________________________________
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)

(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.)

___________________________________________________________
___________________________________________________________
___________________________________________________________

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)

(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?  

(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?  

|__|__|  

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.  

PRESS ENTER TO CONTINUE  

MSTRECNT  

SKIP TO QUESTION 22  

=============================================================================  

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

(CHECK ONLY ONE ANSWER)  

|__|  1. PRESS ENTER TO CONTINUE
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)

(CHECK ONLY ONE ANSWER)

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<tr>
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<th>1. Invalid answer. Select another. (GO TO QUESTION 22)</th>
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<tr>
<td></td>
<td>2. Yes, received professional medical treatment</td>
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<td>3. Yes, received treatment, but not by a medical professional</td>
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<td>4. No, was not injured</td>
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<td>5. Don't know</td>
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23. In what year did the accident occur?
(ENTER ? FOR DON'T KNOW)

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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)

(CHECK ONLY ONE ANSWER)

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<th>1. Invalid answer. Select another. (GO TO QUESTION 24)</th>
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<tbody>
<tr>
<td></td>
<td>2. Bow (compound, recurve or long bow)</td>
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<td></td>
<td>3. Crossbow</td>
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<td>4. Muzzleloader</td>
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<td>6. Shotgun</td>
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<td>7. Pistol</td>
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</table>
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) 
(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 RERAINT DEVICE (IN FIRST PERSON; 120 CHAR.) 

______________________________
______________________________
______________________________

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

(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? 

(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?

(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

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)

(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.)

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

(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.) 

___________________________________________________________
___________________________________________________________
___________________________________________________________

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

(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?

(CHECK ONLY ONE ANSWER)

|__| 1. Invalid answer. Select another. (GO TO QUESTION 36)
|__| 2. Yes
|__| 3. No
|__| 4. Don’t know
37. **What were the light conditions at the time of the accident?**
(READ LIST AS NECESSARY; CHECK ONLY ONE ANSWER)

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(CHECK ONLY ONE ANSWER)

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

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(CHECK ONLY ONE ANSWER)

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***SKIP TO QUESTION 40***

==============================================================================

39. **YOU DID NOT USE YOUR SPACE BAR**

PRESS ENTER TO TRY AGAIN

NOSPAC3
40. Please describe the direct causes of your injury. 
(READ LIST AS NECESSARY; CHECK ALL THAT APPLY) 

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

(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.)

   ___________________________________________________________
   ___________________________________________________________
   ___________________________________________________________

49. Was the ladder Elevated Stand defective?
   (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

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

   (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?

LADRRAIL 17:1

(CHECK ONLY ONE ANSWER)

|__| 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)

LADRA GE 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

=============================================================================
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?  

(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?  

(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.)

___________________________________________________________

___________________________________________________________

___________________________________________________________
72. What types of steps were used to get into the Elevated Stand?  
(READ SCALE AS NECESSARY)  
(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)  
|__| ft, |__|__| in  

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

76. What was your age? (ENTER 888 FOR REFUSED; ? FOR DON'T KNOW)  
|__|__|__| years old  
SKIP TO QUESTION 78
77. YOU DID NOT USE YOUR SPACE BAR
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)

(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.)

SKIP TO QUESTION 111
80. What was the construction of the climbing stand? Was it...?
(READ LIST; CHECK ONLY ONE ANSWER)

(CHECK ONLY ONE ANSWER)

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<th>1. Invalid answer. Select another. (GO TO QUESTION 80)</th>
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<td>2. Homemade metal</td>
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<td>3. Homemade wood</td>
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<td>4. Manufactured metal</td>
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<td>5. Manufactured wood</td>
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<td>6. Manufactured combination (wood and metal)</td>
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<td>7. Don't know</td>
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<td>8. Other (GO TO QUESTION 81)</td>
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SKIP TO QUESTION 82
=============================================================================  

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

___________________________________________________________
___________________________________________________________
___________________________________________________________

82. Was the climbing Elevated Stand defective?

(CHECK ONLY ONE ANSWER)

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<th>1. Invalid answer. Select another. (GO TO QUESTION 82)</th>
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<td>2. Yes (GO TO QUESTION 84)</td>
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<td>3. No</td>
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<td>4. Don't know</td>
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SKIP TO QUESTION 86
=============================================================================  

83. YOU DID NOT USE YOUR SPACE BAR

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

(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)

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

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

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

__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

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) 

|__| ft, |__|__| in

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

|__|__|__| lbs

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

|__|__|__| years old

SKIP TO QUESTION 95

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

(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.)  

CIAUSEST 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)  

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

99. Was the tripod or quad Elevated Stand defective?

(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

101. In what way was the tripod or quad Elevated Stand defective?

(DNR LIST; CHECK ALL THAT APPLY)

(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.)

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

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

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

106. What was your weight?

107. What was your age?
108. YOU DID NOT USE
    YOUR SPACE BAR

    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)

    (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.)

    _____________________________________________________________
    _____________________________________________________________
    _____________________________________________________________

111. Was the accident investigated by any governmental agency?

    (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?

(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)

(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

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

(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.)

___________________________________________________________
___________________________________________________________
___________________________________________________________

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)

YEAR 2 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)

EQUIP 2 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)

RSTRNT 2 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.)

RSTRNTS 2 50:1-120

___________________________________________________________
___________________________________________________________
___________________________________________________________
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

=============================================================================
126. What are the main reasons you do not take greater safety precautions while using an 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

=================================================================
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?

(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?

(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)

(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)
(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)
(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

___________________________________________________________
___________________________________________________________
___________________________________________________________
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?

$|__|__|__|,|__|__|__|

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

Rehabilitation?

$|__|__|__|,|__|__|__|

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

Wages?

$|__|__|__|,|__|__|__|

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

|__| 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)

(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.)

____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

144. Was the ladder Elevated Stand defective?
(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

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

(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.)

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

(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.)

____________________________________________________________________

____________________________________________________________________

____________________________________________________________________

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)

|__| ft, |__|__| in

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

|__|__|__| lbs

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

|__|__|__| years old

SKIP TO QUESTION 155

============================================================================
154. YOU DID NOT USE YOUR SPACE BAR
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)

(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.)

SKIP TO QUESTION 206
157. What was the construction of the fixed position stand? Was it...
(READ LIST; CHECK ONLY ONE ANSWER)  
(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)

|___| 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)

|___| 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
=============================================================================
161. YOU DID NOT USE YOUR SPACE BAR
PRESS ENTER TO TRY AGAIN

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

   (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.)

   _______________________________________________________
   _______________________________________________________
   _______________________________________________________

--------------------------------------------------------------------------------

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

(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)

(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

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

___________________________________________________________

___________________________________________________________

___________________________________________________________

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)

|__| ft, |__|__| in

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

|__|__|__| lbs

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

|__|__|__| years old

SKIP TO QUESTION 173

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

(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.)

___________________________________________________________
___________________________________________________________
___________________________________________________________

SKIP TO QUESTION 206

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

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

CTYPES2 76:1-120


177. Was the climbing Elevated Stand defective?

(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

PRESS ENTER TO TRY AGAIN

NOSPAC18

179. In what way was the climbing Elevated Stand defective?

(DNR LIST; CHECK ALL THAT APPLY)

(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

=============================================================================
2002 Tree Stand Safety Survey

180. Enter other way in which climbing elevated stand was defective (in first person; 120 char.)

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

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

183. Enter other way climbing stand was attached to the tree (in first person; 120 char.)
184. In what position did the accident occur?  
(READ SCALE AS NECESSARY)  
(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)  
CLIMG2 83:7-9  

|___|__|__| years old  

SKIP TO QUESTION 190  

=============================================================================
189. YOU DID NOT USE YOUR SPACE BAR
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)

(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.)

_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

SKIP TO QUESTION 206
============================================================================
192. What was the construction of the tripod or quad stand? Was it...?
(READ LIST; CHECK ONLY ONE ANSWER)

(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

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194. Was the tripod or quad Elevated Stand defective?

(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
PRESS ENTER TO TRY AGAIN 

NOSPAC20
196. In what way was the tripod or quad Elevated Stand defective? (DNR LIST; CHECK ALL THAT APPLY)  
(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?  
(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?  
(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
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)  

|__| ft, |__|__| in  

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

|__|__|__| lbs  

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

|__|__|__| years old  

SKIP TO QUESTION 204  

203. YOU DID NOT USE YOUR SPACE BAR  

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)  

(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?

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

============================================================================
209. YOU DID NOT USE YOUR SPACE BAR
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)

(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.)

___________________________________________________________
___________________________________________________________
___________________________________________________________

IF (#19 = 2) GO TO #307
QUESTION 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)

|__|__|__|

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)

___________________________________________________________

___________________________________________________________

___________________________________________________________
309. OBSERVE AND RECORD RESPONDENT'S GENDER

(GENERD 139:1

|___| 1. Invalid answer. Select another. (GO TO QUESTION 309)
|___| 2. Don't know
|___| 3. Male
|___| 4. Female

310. ENTER STATE FROM CALLSHEET

(STATE 139:2

|___| 1. Invalid answer. Select another. (GO TO QUESTION 310)
|___| 2. NC
|___| 3. VT
|___| 4. MISSING: See Manager

311. TIME INTERVIEW WAS COMPLETED

(ENDTIME 139:3-7

|___|___|___|___|___|

312. Please enter your initials in LOWERCASE ONLY!

(INTVRINT 139:8-10

|___|___|

313. Enter the area code and telephone number of number dialed.

(TELEPHON 139:11-20

|___|___|-|___|___|-|___|___|-|___|___|___|

LOWEST VALUE = 1

314. SAVE OR ERASE INTERVIEW.

DO NOT ERASE A COMPLETED INTERVIEW!

(FINISH 139:21

(CHECK ONLY ONE ANSWER)

|___| 1. Save answers (GO TO QUESTION 316)
|___| 2. Erase answers
|___| 3. Review answers (GO TO QUESTION 3)
315. ARE YOU SURE YOU WANT TO ERASE THIS INTERVIEW?
ONLY ERASE IF: Terminated (record on back),
RF, BZ, NA, DS, BG, DL, AM

(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

|__|__|__|__|__|__|__|__|__|
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)

![Frequency chart showing the construction of ladder stands for North Carolina (n=9), Vermont (n=5), and Total (n=14).]
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)

<table>
<thead>
<tr>
<th>Frequency</th>
<th>North Carolina (n=9)</th>
<th>Vermont (n=5)</th>
<th>Total (n=14)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>3</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>No</td>
<td>0</td>
<td>5</td>
<td>11</td>
</tr>
</tbody>
</table>
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)

- Nailed: 2
- Screwed: 1
- Cabled: 1
- Don’t know: 1
- Other: 1

North Carolina (n=5)
Vermont (n=2)
Total (n=7)
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)

- Homemade metal
- Homemade wood
- Manufactured metal
- Manufactured wood
- Manufactured combination (wood and metal)
- Other

North Carolina (n=26)
Vermont (n=7)
Total (n=33)
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)

Yes
- North Carolina (n=1)
- Vermont (n=2)
- Total (n=3)

No
- North Carolina (n=0)
- Vermont (n=1)
- Total (n=2)
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)

![Bar chart showing frequency of anchors into tree or not anchored to tree](image)