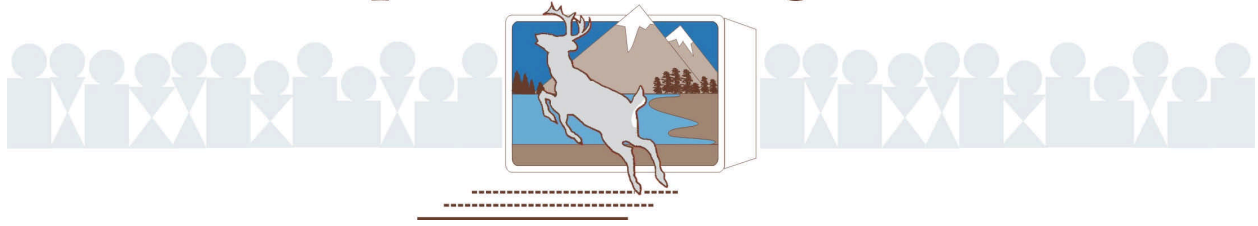


Responsive Management



GEORGIA SPRING TURKEY HARVEST SURVEY 2007

**Conducted for the Georgia Department of Natural Resources
by Responsive Management**

2007

GEORGIA SPRING TURKEY HARVEST SURVEY 2007

2007

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INTRODUCTION AND METHODOLOGY

This study was conducted for the Georgia Department of Natural Resources (GDNR) to determine spring turkey harvest numbers by county. The study entailed a telephone survey of Georgia resident licensed hunters. Specific aspects of the research methodology are discussed below.

For the survey, the research team selected telephones as the preferred sampling medium because of the universality of telephone ownership. In addition, a central polling site at the Responsive Management office allowed for rigorous quality control over the interviews and data collection. Responsive Management maintains its own in-house telephone interviewing facilities. These facilities are staffed by interviewers with experience conducting computer-assisted telephone interviews on the subjects of natural resources and outdoor recreation. Responsive Management developed the telephone survey questionnaire cooperatively with the GDNR based on similar previous surveys. Responsive Management conducted a pre-test of the questionnaire for quality control.

To ensure the integrity of the telephone survey data, Responsive Management has interviewers who have been trained according to the standards established by the Council of American Survey Research Organizations. Methods of instruction included lecture and role-playing. The Survey Center Managers and other professional staff conducted project briefings with the interviewers prior to the administration of this survey. Interviewers were instructed on type of study, study goals and objectives, handling of survey questions, interview length, termination points and qualifiers for participation, interviewer instructions within the survey instrument, reading of the survey instrument, skip patterns, and probing and clarifying techniques necessary for specific questions on the survey instrument. The Survey Center Managers and statisticians monitored the data collection, including monitoring of the actual telephone interviews without the interviewers' knowledge, to evaluate the performance of each interviewer and ensure the integrity of the data. After the surveys were obtained by the interviewers, the Survey Center Managers and/or statisticians edited each completed survey to ensure clarity and completeness.

Responsive Management conducted the interviews Monday through Friday from 9:00 a.m. to 9:00 p.m., Saturday noon to 5:00 p.m., and Sunday from 5:00 p.m. to 9:00 p.m., local time, using a five-callback design to maintain the representativeness of the sample, to avoid bias toward people easy to reach by telephone, and to provide an equal opportunity for all to participate. When a respondent could not be reached on the first call, interviewers placed subsequent calls on different days of the week and at different times of the day. Responsive Management conducted the survey in July 2007 and obtained a total of 801 completed interviews of hunters. Table 1 below shows a summary of the calling effort.

| Table 1. Summary of Effort for the 2007 Georgia Turkey Harvest Survey | | | | |
|---|--|-----------------|---------------------|------------------|
| Respondent Status | Call Status | Sample Size (n) | Percent of Category | Percent of Total |
| Determined Eligible | | | | |
| | Completed Interview | 801 | 23.48 | 5.49 |
| | Completed Interview: Did Not Hunt | 2,510 | 73.59 | 17.20 |
| | <i>Sub Total (Total Completed Interviews)</i> | <i>3,311</i> | <i>97.07</i> | <i>22.69</i> |
| | Partial Interview | 0 | 0 | 0 |
| | Refusal / Terminated | 100 | 2.93 | 0.69 |
| | Sub Total Eligible | 3,411 | 100 | 23.37 |
| Determined Ineligible | | | | |
| | Non-Working / Disconnected-Fax / Data Line (Cell Phones Allowed) | 808 | 19.47 | 5.54 |
| | Number Changed / No Eligible Respondent | 1,488 | 35.86 | 10.20 |
| | Business / Institutional | 249 | 6.00 | 1.71 |
| | Respondent Never Available | 1,588 | 38.27 | 10.88 |
| | Technical Problems | 17 | 0.41 | 0.12 |
| | Sub Total Ineligible | 4,150 | 100 | 28.44 |
| Unknown | | | | |
| | No Answer / busy | 3,555 | 50.55 | 24.36 |
| | Answering Machine | 3,478 | 49.45 | 23.83 |
| | Sub Total Unknown | 7,033 | 100 | 48.19 |
| Total | | 14,594 | | 100 |
| Total Number of Resident Big Game and Resident Sportsmen Licenses (De-Duplicated) | | | | 206,358 |
| Percent of De-Duplicated Licenses That Allow and Were Used for Turkey Hunting | | | | 23.48 |
| Total Number of Turkey Hunters (206,358*23.48%) | | | | 48,459 |

26,000 addresses of Georgia licensed Resident Big Game and Sportsmen hunters produced 13,761 telephone numbers (52.9% matched)

The software used for data collection was Questionnaire Programming Language 4.1 (QPL). The survey data were entered into the computer as each interview was being conducted, eliminating manual data entry after the completion of the survey and the concomitant data entry errors that may occur with manual data entry. The survey instrument was programmed so that QPL branched, coded, and substituted phrases in the survey based on previous responses to ensure the integrity and consistency of the data collection. The research team analyzed the data using Statistical Package for the Social Sciences software as well as proprietary software developed by Responsive Management.

Throughout this report, findings of the telephone survey are reported at a 95% confidence interval. The sampling error is shown in Table 2 below; the formula used to determine the sampling error is shown in Figure 1.

| Number in Study (Eligible Respondents) | Proportion That Produces Maximum Sampling Error (p) | Proportion That Produces Maximum Sampling Error (q) | Standard Error of the Proportion | Confidence Interval = 1.96*se of Proportion | Sampling Error (Traditional Method) | Population (De-Duplicated Resident Big Game and Sportsmen) | Sampling Error (Dillman Method) |
|--|---|---|----------------------------------|---|-------------------------------------|--|---------------------------------|
| 3,311 | 0.50 | 0.50 | 0.008689 | 0.017031 | 1.70 | 206,358 | 1.69 |

Figure 1. Sampling Error Equation (Dillman Method):

$$B = \left(\sqrt{\frac{N_p(.25)}{N_s} - .25} \right) (1.96)$$

Where: B = maximum sampling error (as decimal)
 N_p = pop. size (i.e., total number who could be surveyed)
 N_s = sample size (i.e., total number of respondents surveyed)

Derived from formula: p. 206 in Dillman, D. A. 2000. *Mail and Internet Surveys*. John Wiley & Sons, NY.

Note: This is a simplified version of the formula that calculates the *maximum* sampling error using a 50:50 split (the most conservative calculation because a 50:50 split would give maximum variation).

NUMBER OF HUNTERS

The data analysis results in estimates of 48,459 spring turkey hunters, while 151,849 hunters had a license that allowed turkey hunting but did not hunt spring turkey.

| | Sample Size (n) | Sample Percent | Estimated Number | Number Lower Bound (95% CI) | Number Upper Bound (95% CI) |
|--|-----------------|----------------|------------------|-----------------------------|-----------------------------|
| Obtained a license and hunted turkey | 801 | 23.48 | 48,459 | 45,479 | 51,438 |
| Obtained a license but did not hunt turkey | 2,510 | 73.59 | 151,849 | 148,751 | 154,948 |
| Unknown (Terminated/Refusal) | 100 | 2.93 | 6,050 | 4,864 | 7,236 |
| Total | 3,411 | 100 | 206,358 | NA | NA |

HARVEST NUMBERS AND SUCCESS RATES

Based on the survey data, the spring harvest estimate is 23,655 turkeys, which is 0.49 turkeys per hunter. The estimated number of jakes harvested is 3,206, which is 0.07 per hunter.

The first week of the season produced the highest per-week harvest, after which the harvest declined each week until a slight upswing occurred in the final two weeks.

The Piedmont and Upper Coastal Plain were the most productive regions.

Just more than 9% of hunters shot at a turkey that they could not harvest (they may or may not have actually hit the turkey).

Table 4. Turkeys Harvested in 2007

| Number of Turkeys Harvested by Hunter | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) | Sample Mean Number of Turkeys Harvested | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Turkeys Harvested | Estimated Turkeys Harvested | Turkeys Harvested Lower Bound (95% CI) | Turkeys Harvested Upper Bound (95% CI) |
|---------------------------------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|---|----------------------------------|----------------------------------|--------------------------|-----------------------------|--|--|
| 0 | 550 | 68.66 | 33,274 | 32,508 | 34,040 | | | | | | | |
| 1 | 148 | 18.48 | 8,954 | 8,313 | 9,594 | | | | | | | |
| 2 | 66 | 8.24 | 3,993 | 3,539 | 4,447 | | | | | | | |
| 3 | 37 | 4.62 | 2,238 | 1,892 | 2,585 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.49 | 0.43 | 0.55 | 391 | 23,655 | 21,570 | 25,740 |

Table 5. Jakes Harvested in 2007

| Number of Jakes Harvested by Hunter | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) | Sample Mean Number of Jakes Harvested | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Jakes Harvested | Estimated Jakes Harvested | Jakes Harvested Lower Bound (95% CI) | Jakes Harvested Upper Bound (95% CI) |
|-------------------------------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------|----------------------------------|----------------------------------|------------------------|---------------------------|--------------------------------------|--------------------------------------|
| 0 | 755 | 94.26 | 45,676 | 45,292 | 46,060 | | | | | | | |
| 1 | 39 | 4.87 | 2,359 | 2,004 | 2,715 | | | | | | | |
| 2 | 7 | 0.87 | 423 | 270 | 577 | | | | | | | |
| 3 | 0 | 0.00 | 0 | 0 | 0 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.07 | 0.05 | 0.09 | 53 | 3,206 | 2,261 | 4,152 |

| Week | Sample Size (n) 1 st turkey 2 nd turkey 3 rd turkey | Sample Mean Number Turkeys Harvested | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Turkeys Harvested | Estimated Turkeys Harvested | Turkeys Harvested Lower Bound (95% CI) | Turkeys Harvested Upper Bound (95% CI) |
|---|---|--------------------------------------|----------------------------------|----------------------------------|--------------------------|-----------------------------|--|--|
| Turkey Harvest Week 1 (Thurs. March 22 – Wed. March 28) | 109 18 0 | 0.16 | 0.14 | 0.17 | 127 | 7,683 | 7,306 | 8,061 |
| Turkey Harvest Week 2 (Thurs. March 29 - Wed. April 4) | 50 18 1 | 0.09 | 0.07 | 0.10 | 69 | 4,174 | 3,867 | 4,482 |
| Turkey Harvest Week 3 (Thurs. April 5 - Wed. April 11) | 34 15 7 | 0.07 | 0.06 | 0.08 | 56 | 3,388 | 3,106 | 3,670 |
| Turkey Harvest Week 4 (Thurs. April 12 - Wed. April 18) | 17 13 6 | 0.04 | 0.04 | 0.05 | 36 | 2,178 | 1,945 | 2,411 |
| Turkey Harvest Week 5 (Thurs. April 19 - Wed. April 25) | 8 9 3 | 0.02 | 0.02 | 0.03 | 20 | 1,210 | 1,032 | 1,387 |
| Turkey Harvest Week 6 (Thurs. April 26 - Wed. May 2) | 5 8 2 | 0.02 | 0.01 | 0.03 | 15 | 907 | 753 | 1,062 |
| Turkey Harvest Week 7 (Thurs. May 3 - Wed. May 9) | 5 9 2 | 0.02 | 0.01 | 0.03 | 16 | 968 | 808 | 1,128 |
| Turkey Harvest Week 8 (Thurs. May 10 - Tuesday May 15) | 11 9 16 | 0.04 | 0.04 | 0.05 | 36 | 2,178 | 1,945 | 2,411 |
| Turkey Harvest: Don't Know Which Week | 12 4 0 | 0.02 | 0.01 | 0.03 | 16 | 968 | 808 | 1,128 |
| Total | 251 | 0.49 | 0.43 | 0.55 | 391 | 23,655 | 21,570 | 25,740 |

Table 7.1. Number of Turkeys Harvested in 2007, by Week and Region

| Week | Region | Sample Size (n) 1 st Turkey | Sample Size (n) 2 nd Turkey | Sample Size (n) 3 rd Turkey | Sample Mean Number of Turkeys Harvested | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Turkeys Harvested | Estimated Turkeys Harvested | Turkeys Harvested Lower Bound (95% CI) | Turkeys Harvested Upper Bound (95% CI) |
|---|---------------------------|---|---|---|--|-------------------------------------|-------------------------------------|-----------------------------|--------------------------------|---|---|
| Turkey Harvest Week 1 (Thurs. March 22 – Wed. March 28) | Blue Ridge | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Lower Coastal Plain | 16 | 2 | 0 | 0.02 | 0.01 | 0.03 | 18 | 1,089 | 998 | 1,180 |
| | Piedmont | 41 | 6 | 0 | 0.06 | 0.04 | 0.08 | 47 | 2,843 | 2,717 | 2,970 |
| | Ridge and Valley | 12 | 2 | 0 | 0.02 | 0.01 | 0.03 | 14 | 847 | 765 | 929 |
| | Upper Coastal Plain | 40 | 8 | 0 | 0.06 | 0.04 | 0.08 | 48 | 2,904 | 2,777 | 3,031 |
| | Don't know | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| Turkey Harvest Week 2 (Thurs. March 29 - Wed. April 4) | Blue Ridge | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Lower Coastal Plain | 4 | 4 | 0 | 0.01 | 0.00 | 0.02 | 8 | 484 | 438 | 530 |
| | Piedmont | 23 | 8 | 0 | 0.04 | 0.02 | 0.06 | 31 | 1,875 | 1,805 | 1,946 |
| | Ridge and Valley | 1 | 0 | 1 | 0.00 | 0.00 | 0.01 | 2 | 121 | 97 | 145 |
| | Upper Coastal Plain | 20 | 6 | 0 | 0.03 | 0.02 | 0.05 | 26 | 1,573 | 1,504 | 1,642 |
| | Don't know | 2 | 0 | 0 | 0.00 | 0.00 | 0.01 | 2 | 121 | 97 | 145 |
| Turkey Harvest Week 3 (Thurs. April 5 - Wed. April 11) | Blue Ridge | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Lower Coastal Plain | 5 | 3 | 2 | 0.01 | 0.00 | 0.03 | 10 | 605 | 561 | 649 |
| | Piedmont | 13 | 6 | 2 | 0.03 | 0.01 | 0.04 | 21 | 1,270 | 1,215 | 1,326 |
| | Ridge and Valley | 7 | 3 | 1 | 0.01 | 0.00 | 0.03 | 11 | 665 | 620 | 711 |
| | Upper Coastal Plain | 8 | 3 | 2 | 0.02 | 0.00 | 0.03 | 13 | 786 | 738 | 835 |
| | Don't know | 1 | 0 | 0 | 0.00 | 0.00 | 0.01 | 1 | 60 | 45 | 76 |

| Week | Region | Sample Size (n) 1 st Turkey | Sample Size (n) 2 nd Turkey | Sample Size (n) 3 rd Turkey | Sample Mean Number of Turkeys Harvested | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Turkeys Harvested | Estimated Turkeys Harvested | Turkeys Harvested Lower Bound (95% CI) | Turkeys Harvested Upper Bound (95% CI) |
|---|---------------------------|---|---|---|--|-------------------------------------|-------------------------------------|-----------------------------|--------------------------------|---|---|
| Turkey Harvest Week 4 (Thurs. April 12 - Wed. April 18) | Blue Ridge | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Lower Coastal Plain | 3 | 1 | 2 | 0.01 | 0.00 | 0.02 | 6 | 363 | 335 | 391 |
| | Piedmont | 7 | 3 | 2 | 0.01 | 0.00 | 0.03 | 12 | 726 | 691 | 761 |
| | Ridge and Valley | 1 | 2 | 1 | 0.00 | 0.00 | 0.02 | 4 | 242 | 219 | 265 |
| | Upper Coastal Plain | 5 | 7 | 1 | 0.02 | 0.00 | 0.03 | 13 | 786 | 751 | 822 |
| | Don't know | 1 | 0 | 0 | 0.00 | 0.00 | 0.01 | 1 | 60 | 48 | 73 |
| Turkey Harvest Week 5 (Thurs. April 19 - Wed. April 25) | Blue Ridge | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Lower Coastal Plain | 0 | 2 | 1 | 0.00 | 0.00 | 0.02 | 3 | 181 | 167 | 196 |
| | Piedmont | 6 | 2 | 0 | 0.01 | 0.00 | 0.03 | 8 | 484 | 464 | 504 |
| | Ridge and Valley | 0 | 1 | 0 | 0.00 | 0.00 | 0.01 | 1 | 60 | 52 | 69 |
| | Upper Coastal Plain | 1 | 4 | 2 | 0.01 | 0.00 | 0.02 | 7 | 423 | 404 | 443 |
| | Don't know | 1 | 0 | 0 | 0.00 | 0.00 | 0.01 | 1 | 60 | 52 | 69 |
| Turkey Harvest Week 6 (Thurs. April 26 - Wed. May 2) | Blue Ridge | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Lower Coastal Plain | 3 | 2 | 0 | 0.01 | 0.00 | 0.02 | 5 | 302 | 288 | 317 |
| | Piedmont | 0 | 4 | 0 | 0.00 | 0.00 | 0.02 | 4 | 242 | 228 | 256 |
| | Ridge and Valley | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Upper Coastal Plain | 2 | 2 | 2 | 0.01 | 0.00 | 0.02 | 6 | 363 | 348 | 378 |
| | Don't know | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |

Table 7.3. Number of Turkeys Harvested in 2007, by Week and Region

| Week | Region | Sample Size (n) 1 st Turkey | Sample Size (n) 2 nd Turkey | Sample Size (n) 3 rd Turkey | Sample Mean Number of Turkeys Harvested | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Turkeys Harvested | Estimated Turkeys Harvested | Turkeys Harvested Lower Bound (95% CI) | Turkeys Harvested Upper Bound (95% CI) |
|--|---------------------------|---|---|---|--|-------------------------------------|-------------------------------------|-----------------------------|--------------------------------|---|---|
| Turkey Harvest Week 7 (Thurs. May 3 - Wed. May 9) | Blue Ridge | 1 | 1 | 0 | 0.00 | 0.00 | 0.01 | 2 | 121 | 110 | 132 |
| | Lower Coastal Plain | 1 | 1 | 0 | 0.00 | 0.00 | 0.01 | 2 | 121 | 110 | 132 |
| | Piedmont | 0 | 2 | 0 | 0.00 | 0.00 | 0.01 | 2 | 121 | 110 | 132 |
| | Ridge and Valley | 1 | 3 | 1 | 0.01 | 0.00 | 0.02 | 5 | 302 | 287 | 318 |
| | Upper Coastal Plain | 2 | 2 | 1 | 0.01 | 0.00 | 0.02 | 5 | 302 | 287 | 318 |
| | Don't know | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| Turkey Harvest Week 8 (Thurs. May 10 - Tuesday May 15) | Blue Ridge | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Lower Coastal Plain | 0 | 0 | 4 | 0.00 | 0.00 | 0.02 | 4 | 242 | 219 | 265 |
| | Piedmont | 4 | 5 | 5 | 0.02 | 0.00 | 0.03 | 14 | 847 | 811 | 883 |
| | Ridge and Valley | 2 | 1 | 3 | 0.01 | 0.00 | 0.02 | 6 | 363 | 335 | 391 |
| | Upper Coastal Plain | 4 | 3 | 4 | 0.01 | 0.00 | 0.03 | 11 | 665 | 631 | 700 |
| | Don't know | 1 | 0 | 0 | 0.00 | 0.00 | 0.01 | 1 | 60 | 48 | 73 |
| Turkey Harvest: Don't Know Which Week | Blue Ridge | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 |
| | Lower Coastal Plain | 2 | 0 | 0 | 0.00 | 0.00 | 0.02 | 2 | 181 | 169 | 194 |
| | Piedmont | 3 | 1 | 0 | 0.00 | 0.00 | 0.02 | 4 | 242 | 228 | 256 |
| | Ridge and Valley | 1 | 0 | 0 | 0.00 | 0.00 | 0.01 | 1 | 60 | 53 | 68 |
| | Upper Coastal Plain | 4 | 2 | 0 | 0.01 | 0.00 | 0.02 | 6 | 363 | 347 | 379 |
| | Don't know | 2 | 1 | 0 | 0.00 | 0.00 | 0.01 | 3 | 121 | 110 | 132 |

| | Region | Sample Size (n) 1 st Turkey | Sample Size (n) 2 nd Turkey | Sample Size (n) 3 rd Turkey | Sample Mean Number of Turkeys Harvested | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Turkeys Harvested | Estimated Turkeys Harvested | Turkeys Harvested Lower Bound (95% CI) | Turkeys Harvested Upper Bound (95% CI) |
|-------|---------------------|---|---|---|--|-------------------------------------|-------------------------------------|-----------------------------|--------------------------------|---|---|
| Total | Blue Ridge | 1 | 1 | 0 | 0.00 | 0.00 | 0.00 | 2 | 121 | 64 | 178 |
| | Lower Coastal Plain | 34 | 15 | 9 | 0.07 | 0.06 | 0.08 | 58 | 3,509 | 3,223 | 3,795 |
| | Piedmont | 97 | 37 | 9 | 0.18 | 0.16 | 0.19 | 143 | 8,651 | 8,263 | 9,039 |
| | Ridge and Valley | 25 | 12 | 7 | 0.05 | 0.04 | 0.07 | 44 | 2,662 | 2,407 | 2,917 |
| | Upper Coastal Plain | 86 | 37 | 12 | 0.17 | 0.15 | 0.18 | 135 | 8,167 | 7,784 | 8,550 |
| | Don't know | 8 | 1 | 0 | 0.01 | 0.01 | 0.02 | 9 | 544 | 424 | 665 |
| Total | Total All Regions | 251 | 103 | 37 | 0.49 | 0.43 | 0.55 | 391 | 23,655 | 21,570 | 25,740 |

Table 8. Turkey Harvest in 2007, by Number of Turkeys Harvested and by Region

| Number of Turkeys Harvested | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Population Lower Bound (95% CI) | Population Upper Bound (95% CI) | Sample Mean of Turkeys/Hunter | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Number of Turkeys | Estimated Number of Turkeys | Number of Turkeys Lower Bound (95% CI) | Number of Turkeys Upper Bound (95% CI) |
|-----------------------------------|-----------------|----------------|------------------------------------|---------------------------------|---------------------------------|-------------------------------|----------------------------------|----------------------------------|--------------------------|-----------------------------|--|--|
| Blue Ridge Region | | | | | | | | | | | | |
| 0 | 800 | 99.9 | 48,399 | 48,340 | 48,457 | | | | | | | |
| 1 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| 2 | 1 | 0.1 | 60 | 2 | 119 | | | | | | | |
| 3 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.00 | 0.00 | 0.00 | 2 | 121 | 39 | 203 |
| Lower Coastal Plain Region | | | | | | | | | | | | |
| 0 | 767 | 95.8 | 46,402 | 46,069 | 46,735 | | | | | | | |
| 1 | 19 | 2.4 | 1,149 | 898 | 1401 | | | | | | | |
| 2 | 6 | 0.7 | 363 | 221 | 505 | | | | | | | |
| 3 | 9 | 1.1 | 544 | 371 | 718 | | | | | | | |
| Total | 801 | 100 | 48459 | NA | NA | 0.07 | 0.06 | 0.08 | 58 | 3,509 | 3,081 | 3,937 |
| Piedmont Region | | | | | | | | | | | | |
| 0 | 704 | 87.9 | 42,591 | 42,052 | 43,129 | | | | | | | |
| 1 | 60 | 7.5 | 3,630 | 3,195 | 4064 | | | | | | | |
| 2 | 28 | 3.5 | 1,694 | 1,391 | 1997 | | | | | | | |
| 3 | 9 | 1.1 | 544 | 371 | 718 | | | | | | | |
| Total | 801 | 100 | 48459 | NA | NA | 0.18 | 0.17 | 0.19 | 143 | 8,651 | 8,019 | 9,283 |
| Ridge and Valley Region | | | | | | | | | | | | |
| 0 | 776 | 96.9 | 46,947 | 46,660 | 47,234 | | | | | | | |
| 1 | 13 | 1.6 | 786 | 578 | 995 | | | | | | | |
| 2 | 5 | 0.6 | 302 | 172 | 432 | | | | | | | |
| 3 | 7 | 0.9 | 423 | 270 | 577 | | | | | | | |
| Total | 801 | 100 | 48459 | NA | NA | 0.05 | 0.05 | 0.06 | 44 | 2,662 | 2,286 | 3,038 |
| Upper Coastal Plain Region | | | | | | | | | | | | |
| 0 | 715 | 89.3 | 43,256 | 42,745 | 43,767 | | | | | | | |
| 1 | 49 | 6.1 | 2,964 | 2,569 | 3360 | | | | | | | |
| 2 | 25 | 3.1 | 1,512 | 1,225 | 1799 | | | | | | | |
| 3 | 12 | 1.5 | 726 | 525 | 926 | | | | | | | |
| Total | 801 | 100 | 48459 | NA | NA | 0.17 | 0.16 | 0.18 | 135 | 8,167 | 7,549 | 8,785 |
| All Regions | | | | | | | | | | | | |
| 0 | 550 | 68.66 | 33,274 | 32,508 | 34,040 | | | | | | | |
| 1 | 148 | 18.48 | 8,954 | 8,313 | 9,594 | | | | | | | |
| 2 | 66 | 8.24 | 3,993 | 3,539 | 4,447 | | | | | | | |
| 3 | 37 | 4.62 | 2,238 | 1,892 | 2,585 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.49 | 0.43 | 0.55 | 391 | 23,655 | 21,570 | 25,740 |

(Note: Not shown in table are 9 hunters who did not know their county of harvest, although they are reflected in the total.)

| Table 9. Jake Harvest in 2007, by Number of Jakes Harvested and by Region | | | | | | | | | | | | |
|---|-----------------|----------------|------------------------------------|---------------------------------|---------------------------------|-----------------------------|----------------------------------|----------------------------------|------------------------|---------------------------|--------------------------------------|--------------------------------------|
| Number of Turkeys Harvested | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Population Lower Bound (95% CI) | Population Upper Bound (95% CI) | Sample Mean of Jakes/Hunter | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Jakes Harvested | Estimated Jakes Harvested | Jakes Harvested Lower Bound (95% CI) | Jakes Harvested Upper Bound (95% CI) |
| Blue Ridge Region | | | | | | | | | | | | |
| 0 | 800 | 99.9 | 48,399 | 48,340 | 48,457 | | | | | | | |
| 1 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| 2 | 1 | 0.1 | 60 | 2 | 119 | | | | | | | |
| 3 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.00 | 0.00 | 0.00 | 2 | 121 | 39 | 203 |
| Lower Coastal Plain Region | | | | | | | | | | | | |
| 0 | 799 | 99.8 | 48,338 | 48,256 | 48,420 | | | | | | | |
| 1 | 1 | 0.1 | 60 | 2 | 119 | | | | | | | |
| 2 | 1 | 0.1 | 60 | 2 | 119 | | | | | | | |
| 3 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.00 | 0.00 | 0.01 | 3 | 181 | 81 | 282 |
| Piedmont Region | | | | | | | | | | | | |
| 0 | 779 | 97.3 | 47,128 | 46,858 | 47,398 | | | | | | | |
| 1 | 21 | 2.6 | 1270 | 1007 | 1,534 | | | | | | | |
| 2 | 1 | 0.1 | 60 | 2 | 119 | | | | | | | |
| 3 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.03 | 0.02 | 0.03 | 23 | 1,391 | 1,116 | 1,667 |
| Ridge and Valley Region | | | | | | | | | | | | |
| 0 | 797 | 99.5 | 48,217 | 48,101 | 48,333 | | | | | | | |
| 1 | 2 | 0.2 | 121 | 39 | 203 | | | | | | | |
| 2 | 2 | 0.2 | 121 | 39 | 203 | | | | | | | |
| 3 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.01 | 0.00 | 0.01 | 6 | 363 | 221 | 505 |
| Upper Coastal Plain Region | | | | | | | | | | | | |
| 0 | 788 | 98.4 | 47,673 | 47,464 | 47,881 | | | | | | | |
| 1 | 11 | 1.4 | 665 | 473 | 858 | | | | | | | |
| 2 | 2 | 0.2 | 121 | 39 | 203 | | | | | | | |
| 3 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.02 | 0.01 | 0.02 | 15 | 907 | 684 | 1,131 |
| All Regions | | | | | | | | | | | | |
| 0 | 755 | 94.3 | 45,676 | 45,292 | 46,060 | | | | | | | |
| 1 | 39 | 4.9 | 2,359 | 2,004 | 2,715 | | | | | | | |
| 2 | 7 | 0.9 | 423 | 270 | 577 | | | | | | | |
| 3 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 0.07 | 0.05 | 0.09 | 53 | 3,206 | 2,261 | 4,152 |

(Note: Not shown in table are 4 hunters who did not know their county of harvest, although they are reflected in the total.)

Table 10. Number Who Shot at a Turkey That Was Not Harvested in 2007

| Shooting Status | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|--|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Shot at a Turkey That Was Not Harvested | 74 | 9.2 | 4,477 | 3,999 | 4,955 |
| Did Not Shoot at Turkey That Was Not Harvested | 726 | 90.6 | 43,922 | 43,441 | 44,402 |
| Don't know | 1 | 0.1 | 60 | 2 | 119 |
| Total | 801 | 100 | 48,459 | NA | NA |

Table 11. Number of Turkeys Shot at That Were Not Harvested in 2007

| Number of Turkeys Shot at but Not Harvested | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|---|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| 1 turkey | 62 | 83.8 | 3,751 | 3,695 | 3,807 |
| 2 turkeys | 10 | 13.5 | 605 | 553 | 657 |
| 3 turkeys | 0 | 0.0 | 0 | 0 | 0 |
| 4 or more turkeys | 2 | 2.7 | 121 | 96 | 146 |
| Total | 74 | 100 | 4,477 | NA | NA |

Table 12. Number Who Hit a Turkey That Was Not Recovered in 2007

| Shooting Status | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|---|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Hit a Turkey That Was Not Recovered | 15 | 1.9 | 907 | 684 | 1,131 |
| Did Not Hit a Turkey That Was Not Recovered | 784 | 97.9 | 47,431 | 47,193 | 47,668 |
| Don't know | 2 | 0.2 | 121 | 39 | 203 |
| Total | 801 | 100 | 48,459 | NA | NA |

Table 13. Number Who Shot at a Turkey but Missed in 2007

| Shooting Status | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|------------------------------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Shot at a Turkey but Missed | 61 | 7.6 | 3,690 | 3,253 | 4,128 |
| Did Not Shoot at a Turkey and Miss | 739 | 92.3 | 44,708 | 44,267 | 45,149 |
| Don't know | 1 | 0.1 | 60 | 2 | 119 |
| Total | 801 | 100 | 48,459 | NA | NA |

Table 14. Number of Turkeys Hit That Were Not Recovered in 2007

| Number of Turkeys Hit but Not Recovered | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|---|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| 1 turkey | 15 | 100.0 | 907 | 907 | 907 |
| 2 turkeys | 0 | 0.0 | 0 | 0 | 0 |
| 3 turkeys | 0 | 0.0 | 0 | 0 | 0 |
| 4 or more turkeys | 0 | 0.0 | 0 | 0 | 0 |
| Total | 15 | 100 | 907 | NA | NA |

Table 15. Number of Turkeys That Were Shot at but Missed in 2007

| Number of Turkeys Shot at but Missed | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|--------------------------------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| 1 turkey | 49 | 80.3 | 2,964 | 2,914 | 3,014 |
| 2 turkeys | 10 | 16.4 | 605 | 558 | 651 |
| 3 turkeys | 0 | 0 | 0 | 0 | 0 |
| 4 or more turkeys | 2 | 3.3 | 121 | 99 | 143 |
| Total | 61 | 100 | 3,690 | NA | NA |

DAYS HUNTING, TIME OF DAY, TIME OF SEASON, AND TYPE OF LAND

The majority of turkey hunters (53%) hunted for one week or less. They typically hunted mornings into the afternoons, or they hunted mornings only; very few hunted afternoons only.

There were more hunters in the first two weeks of the season than in the next two weeks or the last three weeks, with those last three weeks having the fewest hunters.

Most turkey hunting was on private land.

Hunting avidity, as measured by the number of days per hunters, was not markedly different among the regions .

Table 16. Number of Days Hunted Turkey in 2007

| Days Hunted | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) | Sample Mean Number of Days Hunted | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) |
|-----------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|----------------------------------|----------------------------------|
| 22 or more days | 69 | 8.6 | 4,174 | 3,711 | 4,637 | | | |
| 15-21 days | 120 | 15.0 | 7,260 | 6,671 | 7,849 | | | |
| 8-14 days | 188 | 23.5 | 11,374 | 10,674 | 12,073 | | | |
| 1-7 days | 421 | 52.6 | 25,470 | 24,645 | 26,294 | | | |
| Don't know | 3 | 0.4 | 181 | 81 | 282 | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 9.97 | 9.30 | 10.64 |

Table 17. Time of Day Hunted Turkeys in 2007

| Time of Day of Hunting | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|------------------------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Mornings Only | 351 | 43.8 | 21,235 | 20,416 | 22,054 |
| Afternoons Only | 18 | 2.2 | 1,089 | 844 | 1,334 |
| Both Mornings and Afternoons | 432 | 53.9 | 26,135 | 25,312 | 26,958 |
| Total | 801 | 100 | 48,459 | NA | NA |

Table 18. Percent of Turkey Hunting Done During the Afternoon in 2007

| Percent of Turkey Hunting in Afternoon | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) | Sample Mean of Percent of Hunting Done in Afternoon | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) |
|--|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|---|----------------------------------|----------------------------------|
| 100 percent | 18 | 2.2 | 1,089 | 844 | 1,334 | | | |
| 76-99 percent | 7 | 0.9 | 423 | 270 | 577 | | | |
| 51-75 percent | 29 | 3.6 | 1,754 | 1,446 | 2,063 | | | |
| 26-50 percent | 236 | 29.5 | 14,278 | 13,525 | 15,030 | | | |
| 1-25 percent | 159 | 19.9 | 9,619 | 8,961 | 10,278 | | | |
| 0 percent | 351 | 43.8 | 21,235 | 20,416 | 22,054 | | | |
| Don't know | 1 | 0.1 | 60 | 2 | 119 | | | |
| Total | 801 | 100 | 48,459 | NA | NA | 21.4 | 19.7 | 23.1 |

Table 19. Weeks Hunted Turkey in 2007

| Weeks Hunted Turkey in 2007 | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|---|------------------------------------|-------------------------------------|-------------------------------------|
| The first 2 weeks of the turkey season | 19,288 | 18,480 | 20,096 |
| The second 2 weeks of the turkey season | 16,365 | 15,584 | 17,145 |
| The last 3 weeks of the turkey season | 12,488 | 11,766 | 13,210 |
| Don't know | 318 | 185 | 451 |

Table 20. Type of Land on Which Hunted Turkey in 2007

| Type of Land | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|-------------------------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Private lands | 540 | 67.4 | 32,669 | 31,895 | 33,443 |
| Public lands | 92 | 11.5 | 5,566 | 5,040 | 6,092 |
| Both private and public lands | 168 | 21.0 | 10,164 | 9,492 | 10,836 |
| Don't know | 1 | 0.1 | 60 | 2 | 119 |
| Total | 801 | 100 | 48,459 | NA | NA |

| Region in Which Harvested Turkey | Number of Days Hunted | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters Who Harvested a Turkey | Turkey Hunters Who Harvested Lower Bound (95% CI) | Turkey Hunters Who Harvested Upper Bound (95% CI) | Sample Mean Number of Days Hunted | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Days Hunted | Estimated Days Hunted | Days Hunted Lower Bound (95% CI) | Days Hunted Upper Bound (95% CI) |
|----------------------------------|-----------------------|-----------------|----------------|---|---|---|-----------------------------------|----------------------------------|----------------------------------|--------------------|-----------------------|----------------------------------|----------------------------------|
| Blue Ridge | 22 + | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| | 15-21 | 1 | 100.0 | 60 | 60 | 60 | | | | | | | |
| | 8-14 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| | 1-7 | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| | Don't know | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| | Total | 1 | 100 | 60 | 60 | 60 | 20 | | | 20 | 1,200 | | |
| Lower Coastal | 22 + | 6 | 17.6 | 363 | 336 | 390 | | | | | | | |
| | 15-21 | 10 | 29.4 | 605 | 573 | 637 | | | | | | | |
| | 8-14 | 9 | 26.5 | 545 | 514 | 575 | | | | | | | |
| | 1-7 | 8 | 23.5 | 484 | 454 | 514 | | | | | | | |
| | Don't know | 1 | 2.9 | 61 | 49 | 72 | | | | | | | |
| | Total | 34 | 100 | 2,057 | 2,057 | 2,057 | 16.18 | 14.60 | 17.77 | 534 | 33,286 | 30,025 | 36,547 |
| Piedmont | 22 + | 18 | 18.6 | 1,089 | 1,011 | 1,167 | | | | | | | |
| | 15-21 | 19 | 19.6 | 1,149 | 1,070 | 1,229 | | | | | | | |
| | 8-14 | 32 | 33.0 | 1,936 | 1,842 | 2,030 | | | | | | | |
| | 1-7 | 28 | 28.9 | 1,694 | 1,603 | 1,784 | | | | | | | |
| | Don't know | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| | Total | 97 | 100 | 5,868 | 5,868 | 5,868 | 15.18 | 13.61 | 16.74 | 1,472 | 89,048 | 79,871 | 98,226 |
| Ridge And Valley | 22 + | 7 | 28.0 | 423 | 400 | 446 | | | | | | | |
| | 15-21 | 9 | 36.0 | 544 | 520 | 569 | | | | | | | |
| | 8-14 | 6 | 24.0 | 363 | 341 | 385 | | | | | | | |
| | 1-7 | 3 | 12.0 | 181 | 165 | 198 | | | | | | | |
| | Don't know | 0 | 0.0 | 0 | 0 | 0 | | | | | | | |
| | Total | 25 | 100 | 1,512 | 1,512 | 1,512 | 17.16 | 16.08 | 18.24 | 429 | 25,946 | 24,317 | 27,574 |
| Upper Coastal | 22 + | 14 | 16.3 | 847 | 782 | 912 | | | | | | | |
| | 15-21 | 28 | 32.6 | 1,694 | 1,611 | 1,777 | | | | | | | |
| | 8-14 | 22 | 25.6 | 1,331 | 1,254 | 1,408 | | | | | | | |
| | 1-7 | 21 | 24.4 | 1,271 | 1,194 | 1,347 | | | | | | | |
| | Don't know | 1 | 1.2 | 61 | 42 | 79 | | | | | | | |
| | Total | 86 | 100 | 5,203 | 5,203 | 5,203 | 15.44 | 13.98 | 16.89 | 1,312 | 80,310 | 72,741 | 87,879 |

(Note: Not shown in table are 9 hunters who did not know their county of harvest, although they are reflected in the total.)

| Region in Which Harvested Turkey | Number of Days Hunted | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters Who Harvested a Turkey | Turkey Hunters Who Harvested Lower Bound (95% CI) | Turkey Hunters Who Harvested Upper Bound (95% CI) | Sample Mean Number of Days Hunted | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) | Sample Days Hunted | Estimated Days Hunted | Days Hunted Lower Bound (95% CI) | Days Hunted Upper Bound (95% CI) |
|----------------------------------|-----------------------|-----------------|----------------|---|---|---|-----------------------------------|----------------------------------|----------------------------------|--------------------|-----------------------|----------------------------------|----------------------------------|
| All Regions | 22 + | 46 | 18.3 | 2,783 | 2,583 | 2,983 | | | | | | | |
| | 15-21 | 69 | 27.5 | 4,174 | 3,943 | 4,405 | | | | | | | |
| | 8-14 | 70 | 27.9 | 4,235 | 4,003 | 4,467 | | | | | | | |
| | 1-7 | 64 | 25.5 | 3,872 | 3,646 | 4,097 | | | | | | | |
| | Don't know | 2 | 0.8 | 121 | 75 | 167 | | | | | | | |
| | Total | 251 | 100 | 15,185 | 15,185 | 15,185 | 15.59 | 14.11 | 17.07 | 3,881 | 236,679 | 214,220 | 259,137 |

(Note: Not shown in table are 9 hunters who did not know their county of harvest, although they are reflected in the total.)

RATINGS OF QUALITY OF HUNTING

Overall ratings of spring turkey hunting were fairly positive: 69% rated it excellent or good; only 11% rated it poor. Ratings of hunting on private land were better than ratings on public land.

Table 22. Rating of the Quality of Georgia Turkey Hunting Experience in 2007

| Rating | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Excellent | 196 | 24.5 | 11,858 | 11,148 | 12,567 |
| Good | 353 | 44.1 | 21,356 | 20,536 | 22,175 |
| Fair | 155 | 19.4 | 9,377 | 8,725 | 10,029 |
| Poor | 87 | 10.9 | 5,263 | 4,750 | 5,777 |
| Don't know | 10 | 1.2 | 605 | 422 | 788 |
| Total | 801 | 100 | 48,459 | NA | NA |

Table 23. Rating of Quality of Hunting on Private Land in 2007

| Rating | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Excellent | 205 | 29.0 | 12,402 | 11,740 | 13,064 |
| Good | 324 | 45.8 | 19,602 | 18,875 | 20,328 |
| Fair | 117 | 16.5 | 7,078 | 6,536 | 7,620 |
| Poor | 57 | 8.1 | 3,448 | 3,051 | 3,845 |
| Don't know | 5 | 0.7 | 302 | 180 | 425 |
| Total | 708 | 100 | 42,833 | NA | NA |

Table 24. Rating of Quality of Hunting on Public Land in 2007

| Rating | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Excellent | 36 | 13.8 | 2,178 | 1,992 | 2,363 |
| Good | 93 | 35.6 | 5,626 | 5,369 | 5,884 |
| Fair | 90 | 34.5 | 5,445 | 5,189 | 5,700 |
| Poor | 40 | 15.3 | 2,420 | 2,226 | 2,614 |
| Don't know | 2 | 0.8 | 121 | 74 | 168 |
| Total | 261 | 100 | 15,790 | NA | NA |

DEMOGRAPHIC DATA AND MEMBERSHIP IN THE NATIONAL WILD TURKEY FEDERATION

The demographic data are shown below. Just less than 1 in 5 (17%) hunters are members of the National Wild Turkey Federation.

| | | Sample Size | Sample Percent | Estimated Population Size | Population Lower Bound (95% CI) | Population Upper Bound (95% CI) | Sample Mean | Sample Mean Lower Bound (95% CI) | Sample Mean Upper Bound (95% CI) |
|----------------------|-------------------------|-------------|----------------|---------------------------|---------------------------------|---------------------------------|-------------|----------------------------------|----------------------------------|
| Gender | Male | 783 | 97.8 | 47,370 | 47,125 | 47,615 | | | |
| | Female | 18 | 2.2 | 1,089 | 844 | 1,334 | | | |
| | Total | 801 | 100.00 | 48,459 | NA | NA | | | |
| Age | More than 55 years old | 180 | 22.5 | 10,890 | 10,201 | 11,579 | | | |
| | 46-55 years old | 215 | 26.8 | 13,007 | 12,276 | 13,739 | | | |
| | 36-45 years old | 213 | 26.6 | 12,886 | 12,157 | 13,615 | | | |
| | 26-35 years old | 109 | 13.6 | 6,594 | 6,028 | 7,160 | | | |
| | 25 years old or younger | 80 | 10.0 | 4,840 | 4,345 | 5,335 | | | |
| | Don't know | 1 | 0.1 | 60 | 2 | 119 | | | |
| | Refused | 3 | 0.4 | 181 | 81 | 282 | | | |
| | Total | 801 | 100 | 48,459 | NA | NA | 44.6 | 43.7 | 45.5 |
| Years Hunting Turkey | Over 10 years | 396 | 49.4 | 23,957 | 23,132 | 24,783 | | | |
| | 5-9 years | 163 | 20.3 | 9,861 | 9,197 | 10,526 | | | |
| | 0-4 years | 231 | 28.8 | 13,975 | 13,227 | 14,723 | | | |
| | Don't know | 11 | 1.4 | 665 | 473 | 858 | | | |
| | Total | 801 | 100 | 48,459 | NA | NA | 11.3 | 10.6 | 11.9 |

| Table 26. County of Residence | | | | | | | | |
|-------------------------------|-------------|----------------|------------|-------------|----------------|------------|-------------|----------------|
| County | Sample Size | Sample Percent | County | Sample Size | Sample Percent | County | Sample Size | Sample Percent |
| Appling | 3 | 0.37 | Fannin | 3 | 0.37 | Oglethorpe | 6 | 0.75 |
| Atkinson | 1 | 0.12 | Fayette | 7 | 0.87 | Paulding | 10 | 1.25 |
| Bacon | 3 | 0.37 | Floyd | 9 | 1.12 | Peach | 1 | 0.12 |
| Baker | 0 | 0.00 | Forsyth | 9 | 1.12 | Pickens | 9 | 1.12 |
| Baldwin | 9 | 1.12 | Franklin | 2 | 0.25 | Pierce | 4 | 0.50 |
| Banks | 6 | 0.75 | Fulton | 10 | 1.25 | Pike | 3 | 0.37 |
| Barrow | 3 | 0.37 | Gilmer | 3 | 0.37 | Polk | 9 | 1.12 |
| Bartow | 11 | 1.37 | Glascok | 4 | 0.50 | Pulaski | 1 | 0.12 |
| Ben Hill | 2 | 0.25 | Glynn | 6 | 0.75 | Putnam | 3 | 0.37 |
| Berrien | 0 | 0.00 | Gordon | 13 | 1.62 | Quitman | 0 | 0.00 |
| Bibb | 5 | 0.62 | Grady | 4 | 0.50 | Rabun | 6 | 0.75 |
| Bleckley | 2 | 0.25 | Greene | 5 | 0.62 | Randolph | 1 | 0.12 |
| Brantley | 1 | 0.12 | Gwinnett | 23 | 2.87 | Richmond | 17 | 2.12 |
| Brooks | 2 | 0.25 | Habersham | 7 | 0.87 | Rockdale | 8 | 1.00 |
| Bryan | 1 | 0.12 | Hall | 9 | 1.12 | Schley | 0 | 0.00 |
| Bulloch | 13 | 1.62 | Hancock | 2 | 0.25 | Screven | 2 | 0.25 |
| Burke | 2 | 0.25 | Haralson | 10 | 1.25 | Seminole | 0 | 0.00 |
| Butts | 5 | 0.62 | Harris | 6 | 0.75 | Spalding | 6 | 0.75 |
| Calhoun | 3 | 0.37 | Hart | 2 | 0.25 | Stephens | 5 | 0.62 |
| Camden | 3 | 0.37 | Heard | 2 | 0.25 | Stewart | 2 | 0.25 |
| Candler | 3 | 0.37 | Henry | 13 | 1.62 | Sumter | 8 | 1.00 |
| Carroll | 12 | 1.50 | Houston | 12 | 1.50 | Talbot | 0 | 0.00 |
| Catoosa | 6 | 0.75 | Irwin | 0 | 0.00 | Taliaferro | 0 | 0.00 |
| Charlton | 3 | 0.37 | Jackson | 2 | 0.25 | Tattnall | 0 | 0.00 |
| Chatham | 8 | 1.00 | Jasper | 3 | 0.37 | Taylor | 0 | 0.00 |
| Chattahoochee | 11 | 1.37 | Jeff Davis | 4 | 0.50 | Telfair | 4 | 0.50 |
| Chattooga | 8 | 1.00 | Jefferson | 2 | 0.25 | Terrell | 1 | 0.12 |
| Cherokee | 14 | 1.75 | Jenkins | 1 | 0.12 | Thomas | 8 | 1.00 |
| Clarke | 3 | 0.37 | Johnson | 0 | 0.00 | Tift | 1 | 0.12 |
| Clay | 0 | 0.00 | Jones | 3 | 0.37 | Toombs | 3 | 0.37 |
| Clayton | 1 | 0.12 | Lamar | 1 | 0.12 | Towns | 3 | 0.37 |
| Clinch | 1 | 0.12 | Lanier | 0 | 0.00 | Treutlen | 0 | 0.00 |
| Cobb | 19 | 2.37 | Laurens | 14 | 1.75 | Troup | 10 | 1.25 |
| Coffee | 3 | 0.37 | Lee | 7 | 0.87 | Turner | 1 | 0.12 |
| Colquitt | 7 | 0.87 | Liberty | 1 | 0.12 | Twiggs | 2 | 0.25 |
| Columbia | 17 | 2.12 | Lincoln | 3 | 0.37 | Union | 9 | 1.12 |
| Cook | 0 | 0.00 | Long | 2 | 0.25 | Upson | 9 | 1.12 |
| Coweta | 13 | 1.62 | Lowndes | 5 | 0.62 | Walker | 5 | 0.62 |
| Crawford | 4 | 0.50 | Lumpkin | 4 | 0.50 | Walton | 11 | 1.37 |
| Crisp | 3 | 0.37 | McDuffie | 3 | 0.37 | Ware | 7 | 0.87 |
| Dade | 3 | 0.37 | McIntosh | 1 | 0.12 | Warren | 0 | 0.00 |
| Dawson | 11 | 1.37 | Macon | 0 | 0.00 | Washington | 8 | 1.00 |
| Decatur | 4 | 0.50 | Madison | 5 | 0.62 | Wayne | 8 | 1.00 |
| DeKalb | 7 | 0.87 | Marion | 2 | 0.25 | Webster | 4 | 0.50 |
| Dodge | 10 | 1.25 | Meriwether | 2 | 0.25 | Wheeler | 1 | 0.12 |
| Dooly | 4 | 0.50 | Miller | 1 | 0.12 | White | 6 | 0.75 |
| Dougherty | 4 | 0.50 | Mitchell | 3 | 0.37 | Whitfield | 11 | 1.37 |
| Douglas | 6 | 0.75 | Monroe | 3 | 0.37 | Wilcox | 4 | 0.50 |
| Early | 1 | 0.12 | Montgomery | 2 | 0.25 | Wilkes | 2 | 0.25 |
| Echols | 1 | 0.12 | Morgan | 6 | 0.75 | Wilkinson | 6 | 0.75 |
| Effingham | 8 | 1.00 | Murray | 5 | 0.62 | Worth | 2 | 0.25 |
| Elbert | 1 | 0.12 | Muscogee | 24 | 3.00 | Refused | 2 | 0.25 |
| Emanuel | 3 | 0.37 | Newton | 14 | 1.75 | Don't know | 7 | 0.87 |
| Evans | 0 | 0.00 | Oconee | 7 | 0.87 | Total | 801 | 100.00 |

| Membership Status | Sample Size (n) | Sample Percent | Estimated Number of Turkey Hunters | Turkey Hunters Lower Bound (95% CI) | Turkey Hunters Upper Bound (95% CI) |
|-------------------|-----------------|----------------|------------------------------------|-------------------------------------|-------------------------------------|
| Is a Member | 139 | 17.4 | 8,409 | 7,784 | 9,034 |
| Is Not a Member | 659 | 82.3 | 39,868 | 39,238 | 40,499 |
| Don't Know | 3 | 0.4 | 181 | 81 | 282 |
| Total | 801 | 100 | 48,459 | NA | NA |

ABOUT RESPONSIVE MANAGEMENT

Responsive Management is a nationally recognized public opinion and attitude survey research firm specializing in natural resource and outdoor recreation issues. Its mission is to help natural resource and outdoor recreation agencies and organizations better understand and work with their constituents, customers, and the public.

Utilizing its in-house, full-service, computer-assisted telephone and mail survey center with 45 professional interviewers, Responsive Management has conducted more than 1,000 telephone surveys, mail surveys, personal interviews, and focus groups, as well as numerous marketing and communications plans, need assessments, and program evaluations on natural resource and outdoor recreation issues.

Clients include most of the federal and state natural resource, outdoor recreation, and environmental agencies, and most of the top conservation organizations. Responsive Management also collects attitude and opinion data for many of the nation's top universities, including the University of Southern California, Virginia Tech, Colorado State University, Auburn, Texas Tech, the University of California—Davis, Michigan State University, the University of Florida, North Carolina State University, Penn State, West Virginia University, and others.

Among the wide range of work Responsive Management has completed during the past 20 years are studies on how the general population values natural resources and outdoor recreation, and their opinions on and attitudes toward an array of natural resource-related issues. Responsive Management has conducted dozens of studies of selected groups of outdoor recreationists, including anglers, boaters, hunters, wildlife watchers, birdwatchers, park visitors, historic site visitors, hikers, and campers, as well as selected groups within the general population, such as landowners, farmers, urban and rural residents, women, senior citizens, children, Hispanics, Asians, and African-Americans. Responsive Management has conducted studies on environmental education, endangered species, waterfowl, wetlands, water quality, and the reintroduction of numerous species such as wolves, grizzly bears, the California condor, and the Florida panther.

Responsive Management has conducted research on numerous natural resource ballot initiatives and referenda and helped agencies and organizations find alternative funding and increase their memberships and donations. Responsive Management has conducted major agency and organizational program needs assessments and helped develop more effective programs based upon a solid foundation of fact. Responsive Management has developed Web sites for natural resource organizations, conducted training workshops on the human dimensions of natural resources, and presented numerous studies each year in presentations and as keynote speakers at major natural resource, outdoor recreation, conservation, and environmental conferences and meetings.

Responsive Management has conducted research on public attitudes toward natural resources and outdoor recreation in almost every state in the United States, as well as in Canada, Australia, the United Kingdom, France, Germany, and Japan. Responsive Management routinely conducts surveys in Spanish and has also conducted surveys and focus groups in Chinese, Korean, Japanese, and Vietnamese.

Responsive Management's research has been featured in most of the nation's major media, including CNN, ESPN, *The Washington Times*, *The New York Times*, *Newsweek*, *The Wall Street Journal*, and on the front pages of *The Washington Post* and *USA Today*.

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