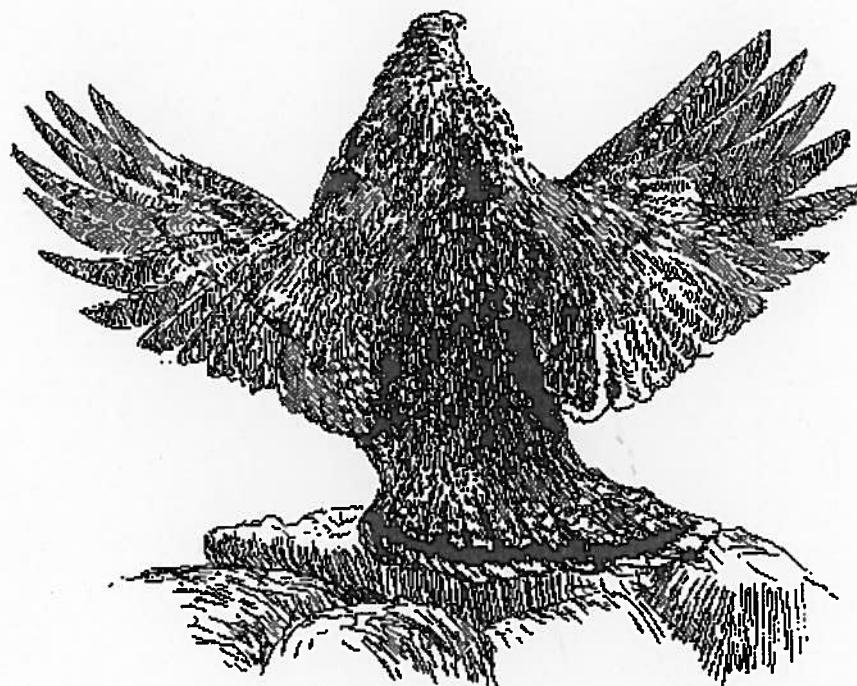


**VIRGINIA SURVEY OF
HUNTER HARVEST, EFFORT AND ATTITUDES
2001-2002**



**Center for Recreation and Tourism Research and Policy
George Mason University**

Virginia Department of Game and Inland Fisheries

July 2003

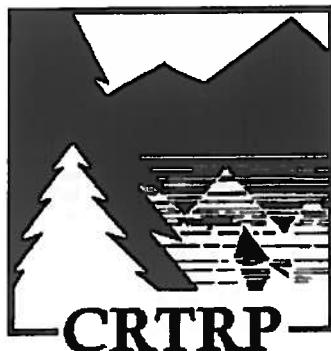
Virginia Survey of Hunter Harvest, Effort, and Attitudes 2001-2002

Conducted for:



**Virginia Department of Game and Inland Fisheries
Wildlife Division
Richmond, Virginia**

By



**Center for Recreation and Tourism Research and Policy
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July 2003

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Introduction

The Virginia Department of Game and Inland Fisheries is the primary agency responsible for managing the state's fish and wildlife resources. Agency staff members depend upon accurate population indices to monitor the health of wildlife species. On an annual basis, these indices are established using a variety of excellent techniques including walking transects, enumerating the presence of species by counting tracks and droppings within quadrants, and conducting call counts along highways (for a detailed analysis of estimating wildlife populations, see Davis and Winstead, 1980).

Of similar importance to wildlife managers is the precise estimation of harvest and hunter efforts. Game harvest indices are used as the basis for monitoring changes in harvest and hunter effort across seasons. These data, in turn, are used to regulate harvests, evaluate habitat conditions, and monitor various aspects of the socio-economic environment (Steffen, 1987). Although some researchers have attempted to estimate game harvests through unobtrusive observation techniques (see Jackson and Norton, 1979), such as in management areas conducive to check station counts, this is not a feasible method for producing statewide or regional estimates. Game harvest data are therefore typically gathered using mail survey design methodology. Filion (1980) provides an excellent overview of the use of such surveys in wildlife management.

The purpose of this study was to:

- (a) estimate game harvest and hunter effort and develop indices for major game and furbearing species in Virginia; and,
- (b) collect and analyze other social-psychological data deemed important to the agency, such as hunters' participation, satisfaction, attitudes, beliefs, preferences, and constraints.

Methods

Generation of the Sample

All individuals who purchased a general state resident hunting license, a county/city license, or a senior (65+) license for the 2000-2001 season ($N=242,509$) comprised the eligible population from which a 2% sample could be selected (Table 1). Specifically, a systematic random sample of 4,183 Virginia hunters was drawn from license records maintained by the Administrative Services Division of the Department of Game and Inland Fisheries. Based on these hunting license records, the social security number for each selected hunter was entered into a computer file and submitted to the Virginia Department of Motor Vehicles (DMV). The DMV, in turn,

provided researchers with names and addresses for the entire sample. Using this method of sampling, a distribution proportionately representative of the total population of licensed hunters by license category and state geographic area was maintained. In general, the sampling procedures used in this study replicate and extend the work described by Steffen (1987) as employed in Mississippi.

**Table 1.
2000-2001 Hunting Population and Survey Sample Statistics**

| LICENSE TYPE | POPULATION | PERCENT |
|-------------------------|----------------|---------------|
| State Resident Licenses | 218,084 | 89.0% |
| County/City Licenses | 12,063 | 5.7% |
| Senior (65+) Licenses | 12,362 | 5.3% |
| TOTAL | 242,509 | 100.0% |

Development of the Survey Instrument

A survey instrument was developed to collect harvest data for selected Virginia game and furbearing species (Appendix A). The design of this instrument was such as to allow the replication of data collection on an annual basis. VDGIF staff biologists and administrators were polled to determine general areas of data need. Game harvest data, therefore, served as the core of the survey instrument. Hunter effort data, preferences for seasons and bag limits, and other social-psychological data were collected as well.

Administration of the Survey

Procedures outlined by Dillman (1978; 2000) were employed to collect survey data. A questionnaire, self-addressed pre-stamped envelope, and a personalized cover letter explaining the importance of the study were mailed to each of the 4,183 study participants. One week after the initial mailing, a post card reminder/thank you was sent to each hunter to encourage an early response. Non-respondents to the first mailing were subsequently identified and, when necessary, two follow-up mailings (consisting of the questionnaire, return envelope and a revised cover letter) were distributed.

Response Rate

By the end of the data collection period, a total of 186 surveys were returned as undeliverable (e.g., individual had moved, incorrect address given, forwarding order expired). These individuals were removed from the original sample. Another 2,287 questionnaires were returned by addressees. Of this total, 245 persons had not purchased a license for the 2000-2001 season

and 67 persons refused to complete the survey. These individuals were similarly removed from the sample. Consequently, of the original 4,183 sampled, a total of 1,975 usable questionnaires were received, resulting in an effective response rate of 53.6% (effective n = 3,685).

Data Analyses

Data from returned questionnaires were entered into a computer file and analyzed using standard statistical techniques. Estimates of statewide and regional harvests of each species were generated. For each estimate, the level of precision (standard error) was specified. Although the sample was drawn from 2000-2001 license records, the majority of estimates (unless otherwise noted) were calculated based on the 248,479 total licenses sold in 2001-2002. Again, a distribution proportionately representative of hunters among the three license categories (state resident, county/city, and senior) was maintained (Table 2).

| Table 2. Distribution of Hunting License Holders among Three License Categories, 2001-2002 | | |
|---|----------------|---------------|
| LICENSE TYPE | POPULATION | PERCENT |
| State Resident Licenses | 223,366 | 89.9% |
| County/City Licenses | 12,062 | 4.8% |
| Senior (65+) Licenses | 13,051 | 5.3% |
| TOTAL | 248,479 | 100.0% |

Regional comparisons were made based on the five regions of Virginia depicted in Figure 1. For a detailed account of the statistical formulas used for specific statewide and regional calculations of estimates and standard errors, readers are referred to Steffen (1987).

Results

Results of all data analyses are presented in tabular form and segmented into two sections of information. The first section includes tables that reference the estimates and standard errors of harvest and effort for 40 game species (or subpopulations of game animals) during the 2001-2002 hunting seasons. Statewide summaries are shown in Tables 3 and 4. Regional estimates are provided in Tables 5-43.

The second section includes tables that reference the analysis of hunters' preferences for selected season dates, bag limits, game management strategies, and other data pertinent to the management of hunting in Virginia. This information is included in Tables 44-75.

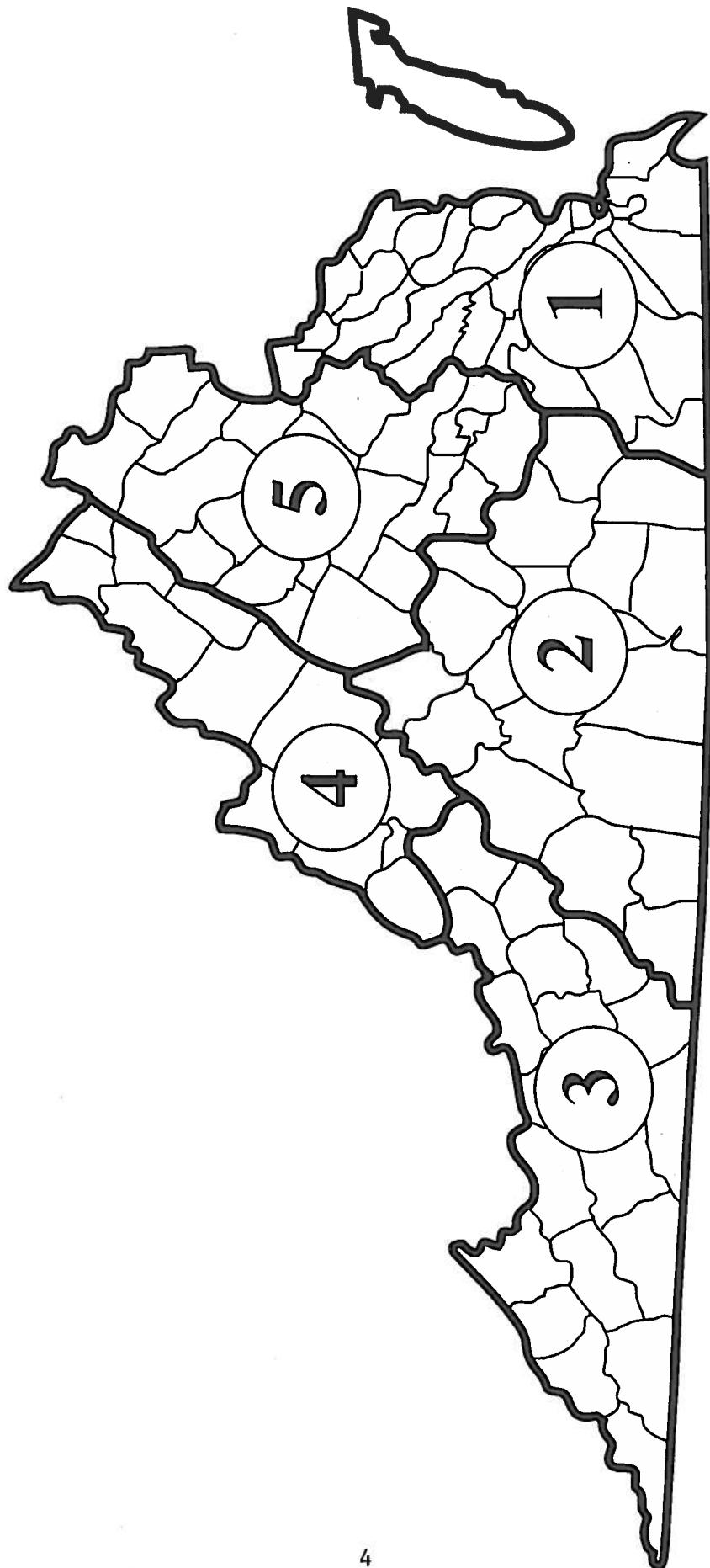


Figure 1.
Five Regions of Virginia

TABLES

| TABLE 3. EXPANDED STATEWIDE SUMMARY OF THE 2001-2002 VIRGINIA SURVEY OF GAME HARVEST BASED ON 248,479 LICENSE HOLDERS | | | | | | | | |
|---|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|-------------------------|
| SPECIES | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT TOTAL LICENSEES |
| DOVE | 895,308 | 5.029 | 17.52 | 84.9 | 175,838 | 3.48 | 51,378 | 20.3 |
| QUAIL | 80,588 | 1.266 | 4.86 | 47.9 | 62,679 | 3.84 | 16,632 | 6.6 |
| WOODCOCK | 3,358 | 0.283 | 0.96 | 40.7 | 10,297 | 3.41 | 3,076 | 1.2 |
| RUFFED GROUSE | 40,070 | 0.396 | 2.01 | 50.6 | 94,467 | 5.08 | 18,911 | 7.5 |
| CROW | 251,167 | 2.469 | 12.63 | 86.0 | 98,496 | 5.12 | 19,594 | 7.7 |
| RABBIT | 367,906 | 1.227 | 7.30 | 82.4 | 287,766 | 5.95 | 49,214 | 19.5 |
| TOTAL SQUIRREL | 959,778 | 1.499 | 11.48 | 89.6 | 617,952 | 7.66 | 82,137 | 32.5 |
| GRAY SQUIRREL | 813,041 | 1.711 | 10.01 | 88.4 | 453,194 | 5.85 | 78,833 | 31.2 |
| FOX SQUIRREL | 146,737 | 0.766 | 4.76 | 75.1 | 164,757 | 6.21 | 26,999 | 10.7 |
| GROUNDHOG/ WOODCHUCK | 395,506 | 1.043 | 9.21 | 90.7 | 317,203 | 8.83 | 36,569 | 14.5 |
| TOTAL DEER | 275,230 | 0.112 | 1.71 | 64.7 | 2,721,740 | 15.21 | 182,159 | 72.0 |
| BUCK | 153,341 | 0.066 | 1.00 | 52.3 | — | — | — | — |
| DOE | 121,889 | 0.047 | 0.71 | 35.9 | — | — | — | — |
| ARCHERY | 32,235 | 0.053 | 0.49 | 31.9 | 501,995 | 9.23 | 55,365 | 21.9 |
| BUCK | 16,118 | 0.027 | 0.25 | 22.8 | — | — | — | — |
| DOE | 16,118 | 0.026 | 0.24 | 17.5 | — | — | — | — |
| MUZZLELOADER | 63,911 | 0.093 | 0.58 | 41.6 | 636,755 | 6.19 | 104,693 | 41.4 |
| BUCK | 42,868 | 0.065 | 0.40 | 34.8 | — | — | — | — |
| DOE | 21,042 | 0.028 | 0.18 | 13.6 | — | — | — | — |
| GUN | 179,084 | 0.103 | 0.97 | 49.7 | 1,582,990 | 9.50 | 169,514 | 67.0 |
| BUCK | 94,397 | 0.056 | 0.54 | 38.6 | — | — | — | — |
| DOE | 84,729 | 0.046 | 0.44 | 26.3 | — | — | — | — |
| TURKEY LY 01-02 | 46,226 | 0.070 | 0.49 | 30.8 | 609,893 | 6.96 | 82,934 | 32.8 |
| SPRING 2001* | 22,394 | 0.066 | 0.37 | 27.2 | 309,144 | 5.62 | 58,841 | 22.7 |
| FALL 2001 | 23,617 | 0.078 | 0.34 | 27.0 | 266,611 | 4.35 | 63,978 | 24.7 |
| SPRING 2002 | 22,609 | 0.063 | 0.36 | 26.6 | 343,282 | 5.74 | 60,834 | 24.1 |
| BEAR | 1,455 | 0.016 | 0.10 | 9.3 | 90,549 | 6.27 | 14,696 | 5.8 |
| TOTAL DUCKS | 209,640 | 1.669 | 11.94 | 84.5 | 124,127 | 7.15 | 17,658 | 7.0 |
| MALLARD | 79,692 | 0.634 | 4.54 | 65.8 | — | — | — | — |
| WOOD | 44,547 | 0.359 | 2.57 | 56.1 | — | — | — | — |
| BLACK | 17,237 | 0.132 | 0.94 | 31.0 | — | — | — | — |
| ALL OTHERS | 68,164 | 0.545 | 3.90 | 41.3 | — | — | — | — |
| TOTAL GEESE | 85,848 | 0.932 | 5.98 | 77.2 | 91,109 | 6.41 | 14,468 | 5.7 |
| SEPTEMBER | 21,602 | 0.866 | 2.98 | 54.0 | 24,288 | 3.44 | 7,177 | 2.8 |
| NOVEMBER - MARCH | 64,246 | 0.933 | 5.11 | 78.0 | 66,821 | 5.48 | 12,417 | 4.9 |
| RED FOX | 18,692 | 0.183 | 1.40 | 59.0 | 89,878 | 7.65 | 11,962 | 4.7 |
| GRAY FOX | 18,132 | 0.210 | 1.53 | 60.4 | 78,349 | 7.29 | 10,936 | 4.3 |
| COYOTE | 8,506 | 0.116 | 0.79 | 35.2 | 54,173 | 6.82 | 8,088 | 3.2 |
| RACCOON | 111,368 | 0.550 | 8.13 | 86.0 | 153,788 | 14.77 | 10,595 | 4.2 |
| BOBCAT | 2,574 | 0.035 | 0.20 | 15.0 | 25,407 | 5.68 | 4,557 | 1.8 |

* N = 242,509 (TOTAL LICENSES 2000-01)

TABLE 5. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF DOVE HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION | |
|--------|------------------|-------------------|--------------------|--------------------------|----------------------------|------------------|-------------------------------|-----------------|----------------------------|-------|
| | | | | | | | | | LICENSEES | TOTAL |
| 1 | ESTIMATE (SE) | 280,119 32,574 | 5,426 0.373 | 18.44 1.69 | 87.8 3.0 | 46,786 56,546 | 3.40 0.28 | 13,767 1,207 | 29.0 2.2 | |
| | N | 2,220 | 123 | 123 | | 2,220 | | 123 | 2,220 | 424 |
| 2 | ESTIMATE (SE) | 257,881 31,776 | 5,217 0.396 | 16.99 1.56 | 86.9 2.9 | 49,920 5,182 | 3.26 0.20 | 15,334 1,289 | 32.3 2.3 | |
| | N | 2,220 | 137 | 137 | | 2,220 | | 137 | 2,220 | 424 |
| 3 | ESTIMATE (SE) | 54,956 17,823 | 4,910 0.824 | 14.88 4.15 | 81.8 6.8 | 11,193 2,581 | 3.03 0.47 | 3,694 638 | 7.8 1.3 | |
| | N | 2,220 | 33 | 33 | | 2,220 | | 33 | 2,220 | 424 |
| 4 | ESTIMATE (SE) | 111,480 28,807 | 5,861 0.707 | 24.18 5.23 | 87.5 5.3 | 18,468 3,755 | 4.13 0.54 | 4,477 702 | 9.4 1.4 | |
| | N | 2,220 | 40 | 40 | | 2,220 | | 40 | 2,220 | 424 |
| 5 | ESTIMATE (SE) | 160,168 23,743 | 4,444 0.368 | 15.73 1.69 | 86.8 3.6 | 36,041 4,827 | 3.54 0.31 | 10,185 1,046 | 21.5 2.0 | |
| | N | 2,220 | 91 | 91 | | 2,220 | | 91 | 2,220 | 424 |
| | | | | | | | | | PERCENT OF LICENSEES | |
| | | | | | | | | | TOTAL | |
| | | | | | | | | | LICENSEES | |

TABLE 6. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF QUAIL HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 18,244 | 1.698 | 6.04 | 59.3 | 10,745 | 3.56 | 3,022 | 21.6 |
| | (SE) | 7,152 | 0.562 | 2.10 | 9.6 | 3,106 | 0.79 | 578 | 3.7 |
| | N | 2,220 | 27 | 27 | 27 | 2,220 | 27 | 2,220 | 125 |
| 2 | ESTIMATE | 27,846 | 1.453 | 5.33 | 56.5 | 19,699 | 3.67 | 5,149 | 36.8 |
| | (SE) | 6,928 | 0.252 | 1.11 | 7.4 | 4,278 | 0.61 | 751 | 4.3 |
| | N | 2,220 | 48 | 48 | 48 | 2,220 | 48 | 2,220 | 125 |
| 3 | ESTIMATE | 6,156 | 0.618 | 4.23 | 38.5 | 9,962 | 6.85 | 1,455 | 10.4 |
| | (SE) | 4,568 | 0.567 | 3.03 | 14.0 | 5,534 | 3.43 | 402 | 2.7 |
| | N | 2,220 | 13 | 13 | 13 | 2,220 | 13 | 2,220 | 125 |
| 4 | ESTIMATE | 1,119 | 0.385 | 1.25 | 25.0 | 2,910 | 3.25 | 895 | 6.4 |
| | (SE) | 923 | 0.333 | 1.00 | 16.4 | 1,162 | 0.65 | 316 | 2.2 |
| | N | 2,220 | 8 | 8 | 8 | 2,220 | 8 | 2,220 | 125 |
| 5 | ESTIMATE | 20,147 | 1.745 | 5.74 | 45.2 | 11,417 | 3.29 | 3,470 | 24.8 |
| | (SE) | 11,589 | 0.883 | 3.23 | 9.1 | 3,157 | 0.71 | 619 | 3.9 |
| | N | 2,220 | 31 | 31 | 31 | 2,220 | 31 | 2,220 | 125 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | | | | | | | | | |
| ESTIMATE | 80,598 | 1,268 | 4.86 | 47.9 | 62,679 | 3.84 | 18,632 | 6.6 | |
| (SE) | 16,209 | 0.245 | 0.07 | 4.1 | 10,532 | 0.04 | 1,307 | 0.5 | |
| N | 2,220 | 146 | 146 | 2,220 | 146 | 2,220 | 146 | 2,220 | 2,220 |

TABLE 7. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF WOODCOCK HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 1,343 | 1.083 | 2.60 | 100.0 | 1,343 | 2.40 | 560 | 23.8 |
| | (SE) | 690 | 0.294 | 0.51 | 0.0 | 690 | 0.68 | 250 | 9.5 |
| | N | 2,220 | 5 | 5 | 5 | 2,220 | 5 | 2,220 | 21 |
| 2 | ESTIMATE | 783 | 0.228 | 1.17 | 68.7 | 3,470 | 5.17 | 672 | 28.6 |
| | (SE) | 498 | 0.170 | 0.60 | 21.1 | 1,772 | 1.74 | 274 | 10.1 |
| | N | 2,220 | 6 | 6 | 6 | 2,220 | 6 | 2,220 | 21 |
| 3 | ESTIMATE | 0 | 0.000 | 0.00 | 0.0 | 112 | 1.00 | 112 | 4.8 |
| | (SE) | 0 | 0.000 | 0.00 | 0.0 | 112 | 1.00 | 112 | 4.8 |
| | N | 2,220 | 1 | 1 | 1 | 2,220 | 1 | 2,220 | 21 |
| 4 | ESTIMATE | 0 | 0.000 | 0.00 | 0.0 | 1,119 | 3.33 | 336 | 14.3 |
| | (SE) | 0 | 0.000 | 0.00 | 0.0 | 742 | 1.33 | 194 | 7.8 |
| | N | 2,220 | 3 | 3 | 3 | 2,220 | 3 | 2,220 | 21 |
| 5 | ESTIMATE | 224 | 0.154 | 0.33 | 16.7 | 1,455 | 2.17 | 672 | 28.6 |
| | (SE) | 224 | 0.114 | 0.33 | 16.7 | 698 | 0.80 | 274 | 10.1 |
| | N | 2,220 | 6 | 6 | 6 | 2,220 | 6 | 2,220 | 21 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 3,358 | 0.283 | 0.96 | 40.7 | 10,287 | 3.41 | 3,076 | 1.2 |
| STATEWIDE | (SE) | 1,011 | 0.088 | 0.02 | 9.6 | 7,408 | 0.03 | 578 | 0.2 |
| STATEWIDE | N | 2,220 | 27 | 27 | 27 | 2,220 | 27 | 2,220 | 2,220 |

TABLE 8. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF RUFFED GROUSE HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION | |
|-----------------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|-----|
| | | | | | | | | | (SE) | N |
| 1 | ESTIMATE | 0 | 0.000 | 0.00 | 0.00 | 0.0 | 224 | 2.00 | 112 | 0.7 |
| | (SE) | 0 | 0.000 | 0.00 | 0.00 | 0.0 | 224 | 2.00 | 112 | 0.7 |
| | N | 2,220 | 1 | 1 | 1 | 2,220 | 1 | 2,220 | | 153 |
| 2 | ESTIMATE | 6,044 | 0.628 | 3.60 | 53.3 | 9,639 | 5.73 | 1,679 | 9.8 | |
| | (SE) | 2,767 | 0.206 | 1.41 | 13.3 | 2,968 | 1.01 | 432 | 2.4 | |
| | N | 2,220 | 15 | 15 | 15 | 2,220 | 15 | 2,220 | | 153 |
| 3 | ESTIMATE | 14,327 | 0.337 | 1.78 | 50.0 | 40,182 | 5.28 | 7,611 | 44.4 | |
| | (SE) | 3,653 | 0.068 | 0.43 | 6.1 | 7,083 | 0.69 | 909 | 4.0 | |
| | N | 2,220 | 68 | 68 | 68 | 2,220 | 68 | 2,220 | | 153 |
| 4 | ESTIMATE | 15,670 | 0.426 | 2.38 | 56.9 | 36,264 | 5.59 | 6,492 | 37.9 | |
| | (SE) | 3,841 | 0.078 | 0.51 | 6.6 | 9,331 | 1.25 | 841 | 3.9 | |
| | N | 2,220 | 58 | 58 | 58 | 2,220 | 58 | 2,220 | | 153 |
| 5 | ESTIMATE | 1,231 | 0.243 | 0.82 | 27 | 4,141 | 3.36 | 1,231 | 7.2 | |
| | (SE) | 680 | 0.145 | 0.50 | 14.1 | 1,569 | 0.81 | 370 | 2.1 | |
| | N | 2,220 | 11 | 11 | 11 | 2,220 | 11 | 2,220 | | 153 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | | |
| STATEWIDE | | | | | | | | | | |
| ESTIMATE | 40,070 | 0.398 | 2.01 | 50.6 | 94,467 | 5.08 | 18,911 | 7.5 | | |
| (SE) | 6,031 | 0.047 | 0.02 | 3.9 | 12,009 | 0.05 | 1,387 | 0.6 | | |
| N | 2,220 | 188 | 188 | 186 | 2,220 | 168 | 2,220 | 2,220 | | |

TABLE 9. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF CROW HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION | |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|---------|
| | | | | | | | | | TOTAL | HUNTERS |
| 1 | ESTIMATE | 29,325 | 2.284 | 9.22 | 88.9 | 12,200 | 4.04 | 3,022 | 18.6 | |
| | (SE) | 8,209 | 0.451 | 2.06 | 6.2 | 3,146 | 0.71 | 578 | 3.2 | |
| | N | 2,220 | 27 | 27 | 27 | 2,220 | 27 | 2,220 | 145 | |
| 2 | ESTIMATE | 87,303 | 3.148 | 16.63 | 100.0 | 27,198 | 5.28 | 5,149 | 31.7 | |
| | (SE) | 22,186 | 0.907 | 3.59 | 0.0 | 7,716 | 1.30 | 751 | 3.9 | |
| | N | 2,220 | 46 | 46 | 46 | 2,220 | 46 | 2,220 | 145 | |
| 3 | ESTIMATE | 30,668 | 2.730 | 12.41 | 77.3 | 11,193 | 4.55 | 2,462 | 15.2 | |
| | (SE) | 13,234 | 0.474 | 4.78 | 9.1 | 3,799 | 1.23 | 522 | 3.0 | |
| | N | 2,220 | 22 | 22 | 22 | 2,220 | 22 | 2,220 | 145 | |
| 4 | ESTIMATE | 20,268 | 1.536 | 7.87 | 83.3 | 13,767 | 5.13 | 2,696 | 16.6 | |
| | (SE) | 7,654 | 0.549 | 2.54 | 7.8 | 4,484 | 1.33 | 545 | 3.1 | |
| | N | 2,220 | 24 | 24 | 24 | 2,220 | 24 | 2,220 | 145 | |
| 5 | ESTIMATE | 42,644 | 2.452 | 14.62 | 88.5 | 17,349 | 5.96 | 2,910 | 17.9 | |
| | (SE) | 15,620 | 0.624 | 4.64 | 6.4 | 5,667 | 1.59 | 567 | 3.2 | |
| | N | 2,220 | 26 | 26 | 26 | 2,220 | 26 | 2,220 | 145 | |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | | |
| STATEWIDE | ESTIMATE | 251,167 | 2.469 | 12.63 | 88.0 | 98,496 | 5.12 | 19,594 | 7.7 | |
| | (SE) | 34,268 | 0.292 | 0.08 | 2.6 | 8,889 | 0.04 | 1,410 | 0.6 | |
| | N | 2,220 | 172 | 172 | 172 | 2,220 | 172 | 2,220 | 2,220 | |

TABLE 10. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF RABBIT HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 63,351 | 1.703 | 8.97 | 82.0 | 35,817 | 5.25 | 6,828 | 15.5 |
| | (SE) | 13,498 | 0.291 | 1.62 | 5.0 | 7,341 | 0.85 | 862 | 1.8 |
| | N | 2,220 | 61 | 61 | 2,220 | 61 | 2,220 | 2,220 | 393 |
| 2 | ESTIMATE | 118,195 | 1.162 | 7.47 | 87.8 | 99,951 | 6.42 | 15,558 | 35.4 |
| | (SE) | 15,496 | 0.089 | 0.78 | 2.8 | 12,931 | 0.64 | 1,278 | 2.4 |
| | N | 2,220 | 139 | 139 | 2,220 | 139 | 2,220 | 2,220 | 393 |
| 3 | ESTIMATE | 53,837 | 1.398 | 7.29 | 72.7 | 38,503 | 5.21 | 7,387 | 16.8 |
| | (SE) | 18,530 | 0.404 | 2.36 | 5.5 | 7,233 | 0.75 | 896 | 1.9 |
| | N | 2,220 | 66 | 66 | 2,220 | 66 | 2,220 | 2,220 | 393 |
| 4 | ESTIMATE | 37,384 | 1.177 | 6.51 | 86.3 | 31,564 | 5.53 | 5,708 | 13.0 |
| | (SE) | 8,779 | 0.220 | 1.26 | 4.9 | 6,309 | 0.81 | 790 | 1.7 |
| | N | 2,220 | 51 | 51 | 2,220 | 51 | 2,220 | 2,220 | 393 |
| 5 | ESTIMATE | 49,920 | 1.081 | 5.82 | 81.6 | 45,778 | 5.38 | 8,506 | 19.3 |
| | (SE) | 11,695 | 0.204 | 1.22 | 4.5 | 8,479 | 0.80 | 959 | 2.0 |
| | N | 2,220 | 76 | 76 | 2,220 | 76 | 2,220 | 2,220 | 393 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | | | | | | | | | |
| ESTIMATE | 387,906 | 1,227 | 7.30 | 82.4 | 287,766 | 5.95 | 49,214 | 19.5 | |
| (SE) | 33,229 | 0.085 | 0.12 | 1.8 | 25,366 | 0.10 | 2,088 | 0.8 | |
| N | 2,220 | 432 | 432 | 432 | 2,220 | 432 | 2,220 | 2,220 | |

TABLE 11. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GRAY SQUIRREL HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 81,147 | 1,716 | 8.73 | 84.8 | 44,995 | 5.09 | 8,842 | 12.6 |
| | (SE) | 12,371 | 0.184 | 0.98 | 4.1 | 6,546 | 0.48 | 977 | 1.3 |
| | N | 2,220 | 79 | 79 | 79 | 2,220 | 79 | 2,220 | 625 |
| 2 | ESTIMATE | 203,708 | 1,862 | 11.98 | 96.0 | 108,010 | 6.43 | 16,789 | 24.0 |
| | (SE) | 22,512 | 0.184 | 0.97 | 1.6 | 14,884 | 0.73 | 1,324 | 1.7 |
| | N | 2,220 | 150 | 150 | 150 | 2,220 | 150 | 2,220 | 625 |
| 3 | ESTIMATE | 141,253 | 1,376 | 8.75 | 87.4 | 101,742 | 6.36 | 16,006 | 22.9 |
| | (SE) | 16,088 | 0.115 | 0.71 | 2.8 | 12,009 | 0.55 | 1,295 | 1.7 |
| | N | 2,220 | 143 | 143 | 143 | 2,220 | 143 | 2,220 | 625 |
| 4 | ESTIMATE | 174,831 | 1,777 | 10.26 | 87.6 | 93,683 | 5.77 | 16,229 | 23.2 |
| | (SE) | 19,280 | 0.157 | 0.84 | 2.7 | 12,230 | 0.60 | 1,303 | 1.7 |
| | N | 2,220 | 145 | 145 | 145 | 2,220 | 145 | 2,220 | 625 |
| 5 | ESTIMATE | 121,329 | 2,165 | 9.84 | 87.0 | 54,956 | 4.55 | 12,088 | 17.3 |
| | (SE) | 16,879 | 0.280 | 1.05 | 3.2 | 8,180 | 0.53 | 1,135 | 1.5 |
| | N | 2,220 | 108 | 108 | 108 | 2,220 | 108 | 2,220 | 625 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 813,041 | 1,711 | 10.01 | 88.4 | 453,184 | 5.85 | 78,833 | 31.2 |
| | (SE) | 39,440 | 0.072 | 0.17 | 1.2 | 29,698 | 0.12 | 2,443 | 1.0 |
| | N | 2,220 | 692 | 692 | 692 | 2,220 | 692 | 2,220 | 2,220 |

TABLE 12. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF FOX SQUIRREL HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------|----------------------------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| | ESTIMATE | 1,567 | 1.750 | 14.00 | 100.0 | 895 | 8.00 | 112 | 0.5 |
| 1 | (SE) | 1,567 | 0.000 | 14.00 | 0.0 | 895 | 8.00 | 112 | 0.5 |
| N | | 2,220 | 1 | 1 | 1 | 2,220 | 1 | 2,220 | 209 |
| | ESTIMATE | 7,275 | 0.553 | 4.54 | 71.4 | 12,872 | 8.21 | 1,567 | 6.7 |
| 2 | (SE) | 3,039 | 0.200 | 1.70 | 12.5 | 5,040 | 2.45 | 418 | 1.7 |
| N | | 2,220 | 14 | 14 | 14 | 2,220 | 14 | 2,220 | 209 |
| | ESTIMATE | 48,129 | 0.825 | 4.56 | 77.8 | 55,628 | 5.52 | 10,073 | 43.1 |
| 3 | (SE) | 8,831 | 0.111 | 0.73 | 4.4 | 8,533 | 0.63 | 1,040 | 3.4 |
| N | | 2,220 | 90 | 90 | 90 | 2,220 | 90 | 2,220 | 209 |
| | ESTIMATE | 61,672 | 0.942 | 5.68 | 80.4 | 62,120 | 6.03 | 10,297 | 44.0 |
| 4 | (SE) | 11,390 | 0.111 | 0.94 | 4.2 | 10,457 | 0.81 | 1,051 | 3.4 |
| N | | 2,220 | 92 | 92 | 92 | 2,220 | 92 | 2,220 | 209 |
| | ESTIMATE | 5,372 | 0.377 | 3.83 | 66.7 | 13,655 | 10.17 | 1,343 | 5.7 |
| 5 | (SE) | 2,329 | 0.148 | 1.39 | 14.2 | 6,216 | 3.74 | 387 | 1.6 |
| N | | 2,220 | 12 | 12 | 12 | 2,220 | 12 | 2,220 | 209 |
| | PERCENT OF TOTAL LICENSEES | | | | | | | | |
| STATEWIDE | ESTIMATE | 146,737 | 0.768 | 4.76 | 75.1 | 164,757 | 6.21 | 26,999 | 10.7 |
| STATEWIDE | (SE) | 15,974 | 0.068 | 0.05 | 2.8 | 18,504 | 0.07 | 1,829 | 0.7 |
| N | | 2,220 | 237 | 237 | 237 | 2,220 | 237 | 2,220 | 2,220 |

TABLE 13. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GROUNDHOG/WOODCHUCK HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 15,670 | 1.219 | 7.11 | 94.4 | 11,752 | 5.83 | 2,015 | 6.8 |
| | (SE) | 5,335 | 0.406 | 2.07 | 5.6 | 4,350 | 1.72 | 473 | 1.6 |
| | N | 2,220 | 18 | 18 | 18 | 2,220 | 18 | 2,220 | 233 |
| 2 | ESTIMATE | 58,075 | 0.913 | 7.60 | 96.6 | 54,956 | 8.32 | 6,604 | 22.4 |
| | (SE) | 10,875 | 0.138 | 1.17 | 2.4 | 9,508 | 0.97 | 848 | 2.6 |
| | N | 2,220 | 59 | 59 | 59 | 2,220 | 59 | 2,220 | 233 |
| 3 | ESTIMATE | 107,051 | 1.089 | 10.01 | 92.6 | 83,386 | 9.20 | 9,066 | 30.8 |
| | (SE) | 22,413 | 0.168 | 2.04 | 2.9 | 13,288 | 1.07 | 989 | 2.9 |
| | N | 2,220 | 81 | 81 | 81 | 2,220 | 81 | 2,220 | 233 |
| 4 | ESTIMATE | 74,879 | 0.963 | 9.60 | 91.9 | 69,171 | 9.97 | 6,940 | 23.6 |
| | (SE) | 15,988 | 0.129 | 1.93 | 3.5 | 14,973 | 1.77 | 869 | 2.6 |
| | N | 2,220 | 62 | 62 | 62 | 2,220 | 62 | 2,220 | 233 |
| 5 | ESTIMATE | 60,685 | 1.415 | 12.53 | 90.7 | 42,644 | 8.86 | 4,813 | 16.3 |
| | (SE) | 18,239 | 0.267 | 3.32 | 4.5 | 10,177 | 1.66 | 727 | 2.3 |
| | N | 2,220 | 43 | 43 | 43 | 2,220 | 43 | 2,220 | 233 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 395,506 | 1.043 | 9.21 | 90.7 | 317,203 | 8.83 | 36,589 | 14.5 |
| | (SE) | 37,801 | 0.076 | 0.11 | 1.6 | 26,738 | 0.11 | 1,855 | 0.7 |
| | N | 2,220 | 321 | 321 | 321 | 2,220 | 321 | 2,220 | 2,220 |

TABLE 14. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF ARCHERY DEER HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION | | |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|------|---|
| | | | | | | | | | ESTIMATE | (SE) | N |
| 1 | ESTIMATE | 3,470 | 0.062 | 0.53 | 38.6 | 54,081 | 8.47 | 6,380 | 12.6 | | |
| | (SE) | 780 | 0.008 | 0.10 | 6.5 | 9,042 | 0.89 | 834 | 1.6 | | |
| | N | 2,220 | 57 | 57 | 57 | 2,220 | 57 | 2,220 | 452 | | |
| 2 | ESTIMATE | 4,141 | 0.056 | 0.49 | 45.8 | 80,924 | 8.71 | 9,280 | 18.4 | | |
| | (SE) | 952 | 0.002 | 0.11 | 5.5 | 10,558 | 0.64 | 1,001 | 1.8 | | |
| | N | 2,220 | 83 | 83 | 83 | 2,220 | 83 | 2,220 | 452 | | |
| 3 | ESTIMATE | 6,156 | 0.040 | 0.42 | 30.3 | 138,790 | 10.42 | 13,319 | 28.3 | | |
| | (SE) | 1,048 | 0.002 | 0.07 | 4.2 | 15,372 | 0.69 | 1,188 | 2.1 | | |
| | N | 2,220 | 119 | 119 | 119 | 2,220 | 19 | 2,220 | 452 | | |
| 4 | ESTIMATE | 4,925 | 0.049 | 0.46 | 29.3 | 95,250 | 9.25 | 10,297 | 20.4 | | |
| | (SE) | 1,033 | 0.003 | 0.09 | 4.8 | 12,329 | 0.74 | 1,051 | 1.9 | | |
| | N | 2,220 | 92 | 92 | 92 | 2,220 | 92 | 2,220 | 452 | | |
| 5 | ESTIMATE | 6,939 | 0.062 | 0.54 | 30.7 | 98,280 | 8.78 | 11,305 | 22.3 | | |
| | (SE) | 1,639 | 0.007 | 0.13 | 4.6 | 12,818 | 0.75 | 1,099 | 2.0 | | |
| | N | 2,220 | 101 | 101 | 101 | 2,220 | 101 | 2,220 | 452 | | |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | | | |
| STATEWIDE | ESTIMATE | 32,235 | 0.053 | 0.49 | 31.9 | 501,985 | 9.23 | 55,365 | 21.9 | | |
| | (SE) | 3,005 | 0.002 | 0.01 | 2.1 | 34,056 | 0.14 | 2,181 | 0.9 | | |
| | N | 2,220 | 486 | 486 | 486 | 2,220 | 486 | 2,220 | 2,220 | | |

TABLE 15. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF ARCHERY DEER (BUCK) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|------------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 ESTIMATE (SE) | 2,127 | 0.039 | 0.33 | 28.1 | 54,061 | 8,47 | 6,380 | 12.6 | |
| | 580 | 0.009 | 0.08 | 6.0 | 9,042 | 0.89 | 834 | 1.6 | |
| | N 2,220 | 57 | 57 | 57 | 2,220 | 57 | 2,220 | 452 | |
| 2 ESTIMATE (SE) | 2,482 | 0.039 | 0.34 | 47.0 | 80,924 | 8.71 | 9,290 | 18.4 | |
| | 590 | 0.006 | 0.07 | 5.5 | 10,558 | 0.64 | 1,001 | 1.8 | |
| | N 2,220 | 83 | 83 | 83 | 2,220 | 83 | 2,220 | 452 | |
| 3 ESTIMATE (SE) | 2,910 | 0.019 | 0.20 | 20.2 | 138,780 | 10.42 | 13,319 | 26.3 | |
| | 568 | 0.003 | 0.04 | 3.7 | 15,372 | 0.69 | 1,188 | 2.1 | |
| | N 2,220 | 119 | 119 | 119 | 2,220 | 119 | 2,220 | 452 | |
| 4 ESTIMATE (SE) | 2,126 | 0.022 | 0.21 | 20.7 | 95,250 | 9.25 | 10,297 | 20.4 | |
| | 486 | 0.004 | 0.04 | 4.2 | 12,329 | 0.74 | 1,051 | 1.9 | |
| | N 2,220 | 92 | 92 | 92 | 2,220 | 92 | 2,220 | 452 | |
| 5 ESTIMATE (SE) | 3,358 | 0.034 | 0.30 | 25.7 | 99,280 | 8.78 | 11,305 | 22.3 | |
| | 704 | 0.008 | 0.06 | 4.4 | 12,818 | 0.75 | 1,099 | 2.0 | |
| | N 2,220 | 101 | 101 | 101 | 2,220 | 101 | 2,220 | 452 | |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | 16,118 | 0.027 | 0.25 | 22.8 | 501,995 | 9.23 | 55,385 | 21.9 | |
| (SE) | 1,794 | 0.002 | 0.01 | 1.9 | 34,056 | 0.14 | 2,181 | 0.9 | |
| N | 2,220 | 486 | 486 | 486 | 2,220 | 486 | 2,220 | 2,220 | |

TABLE 16. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF ARCHERY DEER (DOE) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 1,343 | 0.023 | 0.19 | 19.3 | 54,061 | 8.47 | 6,380 | 12.6 |
| | (SE) | 387 | 0.006 | 0.05 | 5.3 | 9,042 | 0.89 | 834 | 1.6 |
| | N | 2,220 | 57 | 57 | 57 | 2,220 | 57 | 2,220 | 452 |
| 2 | ESTIMATE | 1,679 | 0.024 | 0.21 | 12.0 | 80,924 | 8.71 | 9,290 | 18.4 |
| | (SE) | 536 | 0.008 | 0.07 | 3.6 | 10,558 | 0.64 | 1,001 | 1.8 |
| | N | 2,220 | 83 | 83 | 83 | 2,220 | 83 | 2,220 | 452 |
| 3 | ESTIMATE | 3,246 | 0.021 | 0.22 | 16.8 | 138,790 | 10.42 | 13,319 | 26.3 |
| | (SE) | 714 | 0.004 | 0.05 | 3.4 | 15,372 | 0.69 | 1,188 | 2.1 |
| | N | 2,220 | 119 | 119 | 119 | 2,220 | 119 | 2,220 | 452 |
| 4 | ESTIMATE | 2,798 | 0.027 | 0.25 | 18.5 | 95,250 | 9.25 | 10,297 | 20.4 |
| | (SE) | 696 | 0.006 | 0.06 | 4.1 | 12,329 | 0.74 | 1,051 | 1.9 |
| | N | 2,220 | 92 | 92 | 92 | 2,220 | 92 | 2,220 | 452 |
| 5 | ESTIMATE | 3,582 | 0.028 | 0.25 | 12.9 | 99,280 | 8.78 | 11,305 | 22.3 |
| | (SE) | 1,139 | 0.010 | 0.08 | 3.3 | 12,818 | 0.75 | 1,099 | 2.0 |
| | N | 2,220 | 101 | 101 | 101 | 2,220 | 101 | 2,220 | 452 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 16,118 | 0.026 | 0.24 | 17.5 | 501,985 | 9.23 | 55,365 | 21.9 |
| | (SE) | 1,869 | 0.003 | 0.01 | 1.7 | 34,056 | 0.14 | 2,181 | 0.9 |
| | N | 2,220 | 486 | 486 | 486 | 2,220 | 486 | 2,220 | 2,220 |

TABLE 17. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF MUZZLELOADER DEER HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------|----------------------------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| | ESTIMATE | 8,954 | 0.065 | 0.43 | 4.4 | 29,437 | 6.57 | 10,185 | 10.6 |
| 1 | (SE) | 2,259 | 0.031 | 0.23 | 2.2 | 6,881 | 1.88 | 1,046 | 1.0 |
| | N | 2,220 | 91 | 91 | 91 | 2,220 | 91 | 2,220 | 862 |
| | ESTIMATE | 18,804 | 0.092 | 0.77 | 10.6 | 49,920 | 8.38 | 25,408 | 26.3 |
| 2 | (SE) | 2,038 | 0.007 | 0.16 | 2.0 | 8,637 | 0.86 | 1,598 | 1.5 |
| | N | 2,220 | 227 | 227 | 227 | 2,220 | 227 | 2,220 | 862 |
| | ESTIMATE | 10,745 | 0.062 | 0.56 | 14.3 | 71,746 | 8.98 | 22,721 | 23.5 |
| 3 | (SE) | 1,266 | 0.005 | 0.09 | 2.5 | 10,214 | 0.80 | 1,520 | 1.4 |
| | N | 2,220 | 203 | 203 | 203 | 2,220 | 203 | 2,220 | 862 |
| | ESTIMATE | 10,297 | 0.051 | 0.48 | 11.8 | 62,008 | 8.95 | 22,833 | 23.7 |
| 4 | (SE) | 1,258 | 0.005 | 0.08 | 2.3 | 9,736 | 0.95 | 1,524 | 1.4 |
| | N | 2,220 | 204 | 204 | 204 | 2,220 | 204 | 2,220 | 862 |
| | ESTIMATE | 9,178 | 0.123 | 0.89 | 13.9 | 48,241 | 7.25 | 15,334 | 15.9 |
| 5 | (SE) | 1,221 | 0.010 | 0.16 | 3.0 | 8,410 | 1.28 | 1,269 | 1.2 |
| | N | 2,220 | 137 | 137 | 137 | 2,220 | 137 | 2,220 | 862 |
| | ESTIMATE | 63,911 | 0.093 | 0.58 | 41.6 | 636,755 | 6.19 | 104,983 | 41.4 |
| STATEWIDE | (SE) | 3,730 | 0.010 | 0.01 | 1.6 | 24,230 | 0.10 | 2,598 | 1.0 |
| | N | 2,220 | 919 | 919 | 919 | 2,220 | 919 | 2,220 | 2,220 |
| | PERCENT OF TOTAL LICENSEES | | | | | | | | |

TABLE 18. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF MUZZLELOADER DEER (BUCK) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 6,044 | 0.043 | 0.29 | 4.4 | 28,437 | 6.57 | 10,185 | 10.6 |
| | (SE) | 1,188 | 0.015 | 0.13 | 2.2 | 6,881 | 1.88 | 1,046 | 1.0 |
| | N | 2,220 | 91 | 91 | 91 | 2,220 | 91 | 2,220 | 862 |
| 2 | ESTIMATE | 12,312 | 0.060 | 0.50 | 9.3 | 49,920 | 8.38 | 25,408 | 26.3 |
| | (SE) | 1,318 | 0.005 | 0.11 | 1.9 | 8,637 | 0.98 | 1,598 | 1.5 |
| | N | 2,220 | 227 | 227 | 227 | 2,220 | 227 | 2,220 | 862 |
| 3 | ESTIMATE | 7,947 | 0.046 | 0.41 | 12.3 | 71,746 | 8.98 | 22,721 | 23.5 |
| | (SE) | 993 | 0.004 | 0.07 | 2.3 | 10,214 | 0.80 | 1,520 | 1.4 |
| | N | 2,220 | 203 | 203 | 203 | 2,220 | 203 | 2,220 | 862 |
| 4 | ESTIMATE | 7,275 | 0.037 | 0.33 | 9.3 | 62,008 | 8.95 | 22,833 | 23.7 |
| | (SE) | 957 | 0.004 | 0.06 | 2.0 | 9,738 | 0.95 | 1,524 | 1.4 |
| | N | 2,220 | 204 | 204 | 204 | 2,220 | 204 | 2,220 | 862 |
| 5 | ESTIMATE | 6,716 | 0.079 | 0.57 | 10.2 | 48,241 | 7.25 | 15,334 | 15.9 |
| | (SE) | 986 | 0.007 | 0.12 | 2.6 | 8,410 | 1.28 | 1,269 | 1.2 |
| | N | 2,220 | 137 | 137 | 137 | 2,220 | 137 | 2,220 | 862 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 42,868 | 0.085 | 0.40 | 34.8 | 638,755 | 6.19 | 104,693 | 41.4 |
| | (SE) | 2,372 | 0.007 | 0.01 | 1.6 | 24,230 | 0.10 | 2,598 | 1.0 |
| | N | 2,220 | 919 | 919 | 919 | 2,220 | 919 | 2,220 | 2,220 |

TABLE 19. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF MUZZLELOADER DEER (DOE) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------|------------------|-----------------|--------------------|--------------------------|----------------------------|-------------------|-------------------------------|------------------|----------------------------|
| 1 | ESTIMATE (SE) | 2,910 1,225 | 0.022 0.017 | 0.14 0.15 | 1.1 1.1 | 29,437 6,881 | 6.57 1.88 | 10,185 1,046 | 10.6 1.0 |
| | N | 2,220 | 91 | 91 | 91 | 2,220 | 91 | 2,220 | 2,220 |
| 2 | ESTIMATE (SE) | 6,492 1,133 | 0.041 0.004 | 0.34 0.12 | 6.6 1.7 | 49,920 8,637 | 8.38 0.96 | 25,408 1,598 | 26.3 1.5 |
| | N | 2,220 | 227 | 227 | 227 | 2,220 | 227 | 2,220 | 862 |
| 3 | ESTIMATE (SE) | 2,798 640 | 0.016 0.003 | 0.14 0.05 | 3.9 1.4 | 71,746 10,214 | 8.98 0.80 | 22,721 1,520 | 23.5 1.4 |
| | N | 2,220 | 203 | 203 | 203 | 2,220 | 203 | 2,220 | 862 |
| 4 | ESTIMATE (SE) | 3,022 659 | 0.014 0.003 | 0.12 0.04 | 3.4 1.3 | 62,008 9,736 | 8.95 0.95 | 22,833 1,524 | 23.7 1.4 |
| | N | 2,220 | 204 | 204 | 204 | 2,220 | 204 | 2,220 | 862 |
| 5 | ESTIMATE (SE) | 2,462 590 | 0.044 0.005 | 0.32 0.09 | 6.6 2.1 | 48,241 8,410 | 7.25 1.28 | 15,334 1,269 | 15.9 1.2 |
| | N | 2,220 | 137 | 137 | 137 | 2,220 | 137 | 2,220 | 862 |
| | | | | | | | | | PERCENT OF TOTAL LICENSEES |
| STATEWIDE | ESTIMATE (SE) | 21,042 2,071 | 0.028 0.003 | 0.18 0.01 | 13.6 1.1 | 636,755 24,230 | 6.19 0.10 | 104,693 2,588 | 41.4 1.0 |
| | N | 2,220 | 919 | 919 | 919 | 2,220 | 919 | 2,220 | 2,220 |

TABLE 20. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GUN DEER HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 43,652 | 0.222 | 1.51 | 20.8 | 67,604 | 6.80 | 25,855 | 16.8 |
| | (SE) | 9,341 | 0.053 | 0.34 | 2.7 | 8,804 | 0.59 | 1,611 | 1.0 |
| | N | 2,220 | 231 | 231 | | 2,220 | 231 | 2,220 | 1,374 |
| 2 | ESTIMATE | 44,099 | 0.199 | 1.30 | 37.6 | 166,986 | 6.56 | 40,182 | 26.1 |
| | (SE) | 4,246 | 0.019 | 0.15 | 2.6 | 12,708 | 0.32 | 1,942 | 1.2 |
| | N | 2,220 | 359 | 359 | | 2,220 | 359 | 2,220 | 1,374 |
| 3 | ESTIMATE | 17,013 | 0.095 | 0.60 | 28.4 | 143,379 | 6.28 | 28,765 | 18.7 |
| | (SE) | 2,363 | 0.012 | 0.09 | 2.8 | 11,871 | 0.33 | 1,688 | 1.1 |
| | N | 2,220 | 257 | 257 | | 2,220 | 257 | 2,220 | 1,374 |
| 4 | ESTIMATE | 20,830 | 0.088 | 0.58 | 26.6 | 130,731 | 5.89 | 31,116 | 20.2 |
| | (SE) | 2,092 | 0.009 | 0.07 | 2.7 | 10,938 | 0.31 | 1,746 | 1.1 |
| | N | 2,220 | 278 | 278 | | 2,220 | 278 | 2,220 | 1,374 |
| 5 | ESTIMATE | 33,914 | 0.245 | 1.43 | 28.5 | 90,325 | 5.82 | 27,870 | 18.1 |
| | (SE) | 4,161 | 0.034 | 0.24 | 2.9 | 9,864 | 0.33 | 1,865 | 1.0 |
| | N | 2,220 | 249 | 249 | | 2,220 | 249 | 2,220 | 1,374 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 178,084 | 0.103 | 0.97 | 49.7 | 1,582,980 | 9.50 | 18,514 | 67.0 |
| | (SE) | 11,257 | 0.009 | 0.03 | 1.3 | 43,108 | 0.17 | 2,480 | 1.0 |
| | N | 2,220 | 1,488 | 1,488 | | 2,220 | 1,488 | 2,220 | 2,220 |

TABLE 21. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GUN DEER (BUCK) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 19,596 | 0.101 | 0.88 | 16.0 | 67,604 | 6.80 | 25,855 | 16.8 |
| | (SE) | 2,001 | 0.011 | 0.10 | 2.4 | 8,804 | 0.59 | 1,611 | 1.0 |
| | N | 2,220 | 231 | 231 | 231 | 2,220 | 231 | 2,220 | 1,374 |
| 2 | ESTIMATE | 26,191 | 0.134 | 0.88 | 34.8 | 166,998 | 6.56 | 40,182 | 26.1 |
| | (SE) | 3,077 | 0.014 | 0.15 | 2.5 | 12,708 | 0.32 | 1,942 | 1.2 |
| | N | 2,220 | 359 | 359 | 359 | 2,220 | 359 | 2,220 | 1,374 |
| 3 | ESTIMATE | 10,409 | 0.064 | 0.40 | 21.0 | 143,379 | 6.28 | 28,785 | 18.7 |
| | (SE) | 1,724 | 0.009 | 0.08 | 2.5 | 11,871 | 0.33 | 1,688 | 1.1 |
| | N | 2,220 | 257 | 257 | 257 | 2,220 | 257 | 2,220 | 1,374 |
| 4 | ESTIMATE | 12,312 | 0.006 | 0.03 | 20.5 | 130,731 | 5.89 | 31,116 | 20.2 |
| | (SE) | 1,318 | 0.007 | 0.04 | 2.4 | 10,938 | 0.31 | 1,746 | 1.1 |
| | N | 2,220 | 278 | 278 | 278 | 2,220 | 278 | 2,220 | 1,374 |
| 5 | ESTIMATE | 18,916 | 0.152 | 0.88 | 23.3 | 90,325 | 5.82 | 27,870 | 18.1 |
| | (SE) | 3,058 | 0.024 | 0.21 | 2.7 | 9,864 | 0.33 | 1,685 | 1.0 |
| | N | 2,220 | 249 | 249 | 249 | 2,220 | 249 | 2,220 | 1,374 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 94,387 | 0.056 | 0.54 | 38.6 | 1,582,980 | 9.50 | 169,514 | 67.0 |
| | (SE) | 5,040 | 0.005 | 0.02 | 1.3 | 43,108 | 0.17 | 2,480 | 1.0 |
| | N | 2,220 | 1,488 | 1,488 | 1,488 | 2,220 | 1,488 | 2,220 | 2,220 |

TABLE 22. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GUN DEER (DOE) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 24,064 | 0.121 | 0.82 | 12.1 | 67,604 | 6.80 | 25,055 | 16.8 |
| | (SE) | 8,854 | 0.049 | 0.27 | 2.2 | 8,804 | 0.59 | 1,611 | 1.0 |
| | N | 2,220 | 231 | 231 | 231 | 2,220 | 231 | 2,220 | 1,374 |
| 2 | ESTIMATE | 17,908 | 0.098 | 0.64 | 34.3 | 166,996 | 6.56 | 40,182 | 26.1 |
| | (SE) | 2,017 | 0.007 | 0.07 | 2.5 | 12,708 | 0.32 | 1,942 | 1.2 |
| | N | 2,220 | 359 | 359 | 359 | 2,220 | 359 | 2,220 | 1,374 |
| 3 | ESTIMATE | 6,604 | 0.032 | 0.20 | 11.3 | 143,379 | 6.28 | 28,765 | 18.7 |
| | (SE) | 1,359 | 0.007 | 0.04 | 2.0 | 11,871 | 0.33 | 1,688 | 1.1 |
| | N | 2,220 | 257 | 257 | 257 | 2,220 | 257 | 2,220 | 1,374 |
| 4 | ESTIMATE | 8,618 | 0.039 | 0.23 | 11.2 | 130,731 | 5.89 | 31,116 | 20.2 |
| | (SE) | 1,363 | 0.007 | 0.05 | 1.9 | 10,938 | 0.31 | 1,746 | 1.1 |
| | N | 2,220 | 278 | 278 | 278 | 2,220 | 278 | 2,220 | 1,374 |
| 5 | ESTIMATE | 14,998 | 0.093 | 0.54 | 13.7 | 90,325 | 5.82 | 27,870 | 18.1 |
| | (SE) | 2,165 | 0.011 | 0.10 | 2.2 | 9,864 | 0.33 | 1,665 | 1.0 |
| | N | 2,220 | 249 | 249 | 249 | 2,220 | 249 | 2,220 | 1,374 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | | | | | | | | | |
| (SE) | | | | | | | | | |
| N | | | | | | | | | |

TABLE 23. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (BUCKS) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (BUCKS) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON | | | | | | |
|--|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|
| | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS |
| ESTIMATE | 153,341 | 0.066 | 1.00 | 52.3 | 2,721,740 | 15,21 |
| (SE) | 6,108 | 0.002 | 0.02 | 1.2 | 70,813 | 0.28 |
| N | 2,220 | 1.599 | 1.599 | 1,599 | 2,220 | 1,599 |
| | | | | | | |
| STATEWIDE | | | | | | |
| | | | | | | |
| | | | | | | |

TABLE 25. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (DOES) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

TABLE 25. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (DOES) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT OF TOTAL LICENSEES |
|----------------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| ESTIMATE | 121,889 | 0.047 | 0.71 | 35.9 | 2,721,740 | 15.21 | 182,159 | 72.0 |
| STATEWIDE (SE) | 10,373 | 0.004 | 0.02 | 1.2 | 70,813 | 0.28 | 2,368 | 1.0 |
| N | 2,220 | 1.599 | 1,599 | 1,599 | 2,220 | 1,599 | 2,220 | 2,220 |

TABLE 26. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF SPRING TURKEY (2001) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

TABLE 27. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF FALL TURKEY (2001) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 1,903 | 0.059 | 0.24 | 18.4 | 22,050 | 4.02 | 5,484 | 10.3 |
| | (SE) | 798 | 0.029 | 0.14 | 5.6 | 4,731 | 0.66 | 775 | 1.4 |
| | N | 2,220 | 49 | 49 | 49 | 2,220 | 4.8 | 2,220 | 474 |
| 2 | ESTIMATE | 7,947 | 0.098 | 0.47 | 41.3 | 81,595 | 4.80 | 15,446 | 29.1 |
| | (SE) | 1,030 | 0.014 | 0.05 | 4.2 | 9,055 | 0.38 | 1,274 | 2.1 |
| | N | 2,220 | 138 | 138 | 138 | 2,220 | 13.8 | 2,220 | 474 |
| 3 | ESTIMATE | 3,358 | 0.068 | 0.25 | 21.6 | 46,338 | 3.73 | 12,424 | 23.4 |
| | (SE) | 704 | 0.015 | 0.05 | 3.9 | 5,799 | 0.32 | 1,150 | 1.9 |
| | N | 2,220 | 111 | 111 | 111 | 2,220 | 11.1 | 2,220 | 474 |
| 4 | ESTIMATE | 3,805 | 0.078 | 0.30 | 20.0 | 42,868 | 3.83 | 11,193 | 21.1 |
| | (SE) | 849 | 0.017 | 0.07 | 4.0 | 5,107 | 0.28 | 1,084 | 1.9 |
| | N | 2,220 | 100 | 100 | 100 | 2,220 | 100 | 2,220 | 474 |
| 5 | ESTIMATE | 3,022 | 0.062 | 0.34 | 26.3 | 47,009 | 5.53 | 8,506 | 16.0 |
| | (SE) | 858 | 0.015 | 0.09 | 5.1 | 7,929 | 0.70 | 959 | 1.7 |
| | N | 2,220 | 76 | 76 | 76 | 2,220 | 7.6 | 2,220 | 474 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 23,617 | 0.078 | 0.34 | 27.0 | 286,611 | 4.35 | 63,978 | 24.7 |
| | (SE) | 1,980 | 0.007 | 0.01 | 1.9 | 15,152 | 0.06 | 2,274 | 0.9 |
| | N | 2,220 | 548 | 548 | 548 | 2,220 | 548 | 2,220 | 2,220 |

TABLE 28. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF SPRING TURKEY (2002) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|------------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 ESTIMATE (SE) | 3,022 | 0.067 | 0.35 | 24.3 | 43,428 | 5,24 | 8,283 | 15.4 | |
| | 731 | 0.014 | 0.08 | 5.0 | 6,991 | 0.60 | 947 | 1.6 | |
| | N 2,220 | 74 | 74 | 74 | 2,220 | 74 | 2,220 | 482 | |
| 2 ESTIMATE (SE) | 6,716 | 0.082 | 0.50 | 44.3 | 95,250 | 6.08 | 15,570 | 29.0 | |
| | 1,155 | 0.008 | 0.07 | 4.2 | 10,972 | 0.49 | 1,282 | 2.1 | |
| | N 2,220 | 140 | 140 | 140 | 2,220 | 140 | 2,220 | 482 | |
| 3 ESTIMATE (SE) | 4,701 | 0.063 | 0.35 | 23.7 | 72,641 | 5.50 | 13,207 | 24.5 | |
| | 971 | 0.011 | 0.07 | 3.9 | 8,311 | 0.39 | 1,183 | 2.0 | |
| | N 2,220 | 118 | 118 | 118 | 2,220 | 118 | 2,220 | 482 | |
| 4 ESTIMATE (SE) | 2,686 | 0.047 | 0.29 | 24.7 | 52,158 | 6.05 | 8,818 | 16.0 | |
| | 631 | 0.009 | 0.06 | 4.9 | 50,496 | 0.64 | 985 | 1.7 | |
| | N 2,220 | 77 | 77 | 77 | 2,220 | 77 | 2,220 | 482 | |
| 5 ESTIMATE (SE) | 3,918 | 0.074 | 0.45 | 35.6 | 49,808 | 6.10 | 8,171 | 15.1 | |
| | 811 | 0.012 | 0.08 | 5.6 | 7,785 | 0.65 | 941 | 1.6 | |
| | N 2,220 | 73 | 73 | 73 | 2,220 | 73 | 2,220 | 482 | |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | 22,609 | 0.063 | 0.36 | 28.6 | 343,282 | 5.74 | 60,834 | 24.1 | |
| (SE) | 2,261 | 0.005 | 0.01 | 1.9 | 20,853 | 0.08 | 2,255 | 0.9 | |
| N | 2,220 | 534 | 534 | 534 | 2,220 | 534 | 2,220 | 2,220 | |

TABLE 29. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF BEAR HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 0 | 0.000 | 0.00 | 0.0 | 2,350 | 7.00 | 336 | 2.6 |
| | (SE) | 0 | 0.000 | 0.00 | 0.0 | 1,935 | 5.03 | 184 | 1.5 |
| | N | 2,220 | 3 | 3 | 3 | 2,220 | 3 | 2,220 | 116 |
| 2 | ESTIMATE | 112 | 0.020 | 0.14 | 45.5 | 8,730 | 7.09 | 1,231 | 9.5 |
| | (SE) | 112 | 0.011 | 0.14 | 15.7 | 3,661 | 2.17 | 370 | 2.7 |
| | N | 2,220 | 11 | 11 | 11 | 2,220 | 11 | 2,220 | 116 |
| 3 | ESTIMATE | 448 | 0.024 | 0.14 | 13.8 | 18,804 | 5.79 | 3,246 | 25.0 |
| | (SE) | 224 | 0.010 | 0.07 | 6.5 | 5,403 | 1.30 | 599 | 4.0 |
| | N | 2,220 | 29 | 29 | 29 | 2,220 | 29 | 2,220 | 116 |
| 4 | ESTIMATE | 783 | 0.018 | 0.11 | 9.2 | 44,211 | 6.08 | 7,275 | 56.0 |
| | (SE) | 335 | 0.008 | 0.04 | 3.6 | 7,511 | 0.72 | 889 | 4.6 |
| | N | 2,220 | 65 | 65 | 65 | 2,220 | 65 | 2,220 | 116 |
| 5 | ESTIMATE | 112 | 0.012 | 0.13 | 12.5 | 9,178 | 10.25 | 895 | 6.9 |
| | (SE) | 112 | 0.013 | 0.13 | 12.5 | 5,000 | 4.65 | 316 | 2.4 |
| | N | 2,220 | 8 | 8 | 8 | 2,220 | 8 | 2,220 | 116 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 1,455 | 0.016 | 0.10 | 9.3 | 90,549 | 6.27 | 14,696 | 5.8 |
| | (SE) | 433 | 0.005 | 0.00 | 2.6 | 12,325 | 0.05 | 1,234 | 0.5 |
| | N | 2,220 | 129 | 129 | 129 | 2,220 | 129 | 2,220 | 2,220 |

TABLE 30. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF TOTAL DUCK HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| ESTIMATE | 144,163 | 1,954 | 15.95 | 88.8 | 7.309 | 8,16 | 8,954 | | |
| 1 (SE) | 24,632 | 0.171 | 2.13 | 3.6 | 10,645 | 0.79 | 983 | 54.1 | |
| N | 2,220 | 80 | 80 | 80 | 2,220 | 80 | 2,220 | 4.1 | |
| ESTIMATE | 24,064 | 1,483 | 9.77 | 86.4 | 16,229 | 6.59 | 2,462 | 14.9 | |
| 2 (SE) | 7,322 | 0.277 | 2.18 | 7.5 | 4,685 | 1.32 | 522 | 2.9 | |
| N | 2,220 | 22 | 22 | 22 | 2,220 | 22 | 2,220 | 148 | |
| ESTIMATE | 10,857 | 1,260 | 9.70 | 90.0 | 8,618 | 7.70 | 1,119 | 6.8 | |
| 3 (SE) | 5,151 | 0.334 | 3.62 | 10.0 | 3,527 | 2.11 | 353 | 2.1 | |
| N | 2,220 | 10 | 10 | 10 | 2,220 | 10 | 2,220 | 148 | |
| ESTIMATE | 7,051 | 0.955 | 7.88 | 75.0 | 7,387 | 8.25 | 895 | 5.4 | |
| 4 (SE) | 5,137 | 0.213 | 5.36 | 16.4 | 4,705 | 4.67 | 316 | 1.9 | |
| N | 2,220 | 8 | 8 | 8 | 2,220 | 8 | 2,220 | 148 | |
| ESTIMATE | 18,356 | 1,163 | 5.86 | 75.0 | 15,782 | 5.04 | 3,134 | 18.9 | |
| 5 (SE) | 5,793 | 0.263 | 1.51 | 8.3 | 4,390 | 1.05 | 539 | 3.2 | |
| N | 2,220 | 28 | 28 | 28 | 2,220 | 28 | 2,220 | 148 | |
| | | | | | | | | | PERCENT OF TOTAL LICENSEES |
| ESTIMATE | 209,640 | 1,669 | 11.94 | 84.5 | 124,127 | 7.15 | 17,658 | 7.0 | |
| STATEWIDE (SE) | 27,286 | 0.125 | 0.14 | 2.9 | 15,582 | 0.06 | 1,344 | 0.5 | |
| N | 2,220 | 155 | 155 | 155 | 2,220 | 155 | 2,220 | 2,220 | |

TABLE 31. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF MALLARD DUCK HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 48,912 | 0.683 | 5.41 | 70.0 | 7,309 | 8.16 | 8,954 | 54.1 |
| | (SE) | 9,528 | 0.086 | 0.89 | 5.2 | 10,645 | 0.79 | 983 | 4.1 |
| | N | 2,220 | 80 | 80 | 80 | 2,220 | 80 | 2,220 | 148 |
| 2 | ESTIMATE | 10,857 | 0.701 | 4.62 | 77.3 | 16,229 | 6.59 | 2,462 | 14.9 |
| | (SE) | 3,520 | 0.132 | 1.14 | 9.1 | 4,685 | 1.32 | 522 | 2.9 |
| | N | 2,220 | 22 | 22 | 22 | 2,220 | 22 | 2,220 | 148 |
| 3 | ESTIMATE | 5,484 | 0.636 | 4.90 | 80.0 | 8,618 | 7.70 | 1,119 | 6.8 |
| | (SE) | 2,787 | 0.224 | 2.06 | 13.3 | 3,527 | 2.11 | 353 | 2.1 |
| | N | 2,220 | 10 | 10 | 10 | 2,220 | 10 | 2,220 | 148 |
| 4 | ESTIMATE | 3,918 | 0.530 | 4.38 | 75.0 | 7,387 | 8.25 | 895 | 5.4 |
| | (SE) | 2,381 | 0.120 | 2.31 | 16.4 | 4,705 | 4.67 | 316 | 1.9 |
| | N | 2,220 | 8 | 8 | 8 | 2,220 | 8 | 2,220 | 148 |
| 5 | ESTIMATE | 8,059 | 0.511 | 2.57 | 46.4 | 15,782 | 5.04 | 3,134 | 18.9 |
| | (SE) | 3,098 | 0.166 | 0.88 | 9.6 | 4,390 | 1.05 | 589 | 3.2 |
| | N | 2,220 | 28 | 28 | 28 | 2,220 | 28 | 2,220 | 148 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 79,692 | 0.634 | 4.54 | 65.8 | 124,127 | 7.15 | 17,658 | 7.0 |
| | (SE) | 11,255 | 0.061 | 0.05 | 3.8 | 15,582 | 0.06 | 1,344 | 0.5 |
| | N | 2,220 | 155 | 155 | 155 | 2,220 | 155 | 2,220 | 2,220 |

TABLE 32. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF WOOD DUCK HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 15,316 | 0.351 | 2.86 | 53.8 | 4,367 | 8.16 | 5,351 | 54.1 |
| | (SE) | 3,832 | 0.069 | 0.65 | 5.6 | 6,361 | 0.79 | 587 | 4.1 |
| | N | 2,220 | 80 | 80 | 80 | 2,220 | 80 | 2,220 | 148 |
| 2 | ESTIMATE | 5,083 | 0.641 | 4.22 | 59.1 | 9,698 | 6.59 | 1,471 | 14.9 |
| | (SE) | 1,772 | 0.127 | 1.12 | 10.7 | 2,800 | 1.32 | 312 | 2.9 |
| | N | 2,220 | 22 | 22 | 22 | 2,220 | 22 | 2,220 | 148 |
| 3 | ESTIMATE | 1,070 | 0.208 | 1.60 | 60.0 | 5,150 | 7.70 | 669 | 6.8 |
| | (SE) | 463 | 0.058 | 0.50 | 16.3 | 2,107 | 2.11 | 211 | 2.1 |
| | N | 2,220 | 10 | 10 | 10 | 2,220 | 10 | 2,220 | 148 |
| 4 | ESTIMATE | 201 | 0.045 | 0.38 | 25.0 | 4,414 | 8.25 | 535 | 5.4 |
| | (SE) | 150 | 0.044 | 0.26 | 16.4 | 2,811 | 4.67 | 189 | 1.9 |
| | N | 2,220 | 8 | 8 | 8 | 2,220 | 8 | 2,220 | 148 |
| 5 | ESTIMATE | 4,347 | 0.461 | 2.32 | 67.9 | 9,430 | 5.04 | 1,873 | 18.9 |
| | (SE) | 1,250 | 0.085 | 0.51 | 9.0 | 2,623 | 1.05 | 352 | 3.2 |
| | N | 2,220 | 28 | 28 | 28 | 2,220 | 28 | 2,220 | 148 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

TABLE 33. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF BLACK DUCK HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|----------------------------|----------------------------|
| ESTIMATE | 12,984 | 0.185 | 1.35 | 43.8 | 7,309 | 8.16 | 8,954 | | |
| 1 (SE) | 2,867 | 0.029 | 0.27 | 5.6 | 10,645 | 0.79 | 983 | 54.1 | |
| N | 2,220 | 80 | 80 | 80 | 2,220 | 80 | 2,220 | 148 | 4.1 |
| ESTIMATE | 1,231 | 0.111 | 0.73 | 59.1 | 16,229 | 6.59 | 2,462 | | |
| 2 (SE) | 536 | 0.033 | 0.27 | 10.7 | 4,685 | 1.32 | 522 | 2.9 | |
| N | 2,220 | 22 | 22 | 22 | 2,220 | 22 | 2,220 | 148 | |
| ESTIMATE | 2,239 | 0.260 | 2.00 | 30.0 | 8,618 | 7.70 | 1,119 | | |
| 3 (SE) | 1,825 | 0.164 | 1.58 | 15.3 | 3,527 | 2.11 | 353 | 6.8 | |
| N | 2,220 | 10 | 10 | 10 | 2,220 | 10 | 2,220 | 148 | 2.1 |
| ESTIMATE | - | 0.000 | 0.00 | 0.0 | 7,387 | 8.25 | 895 | | |
| 4 (SE) | - | 0.000 | 0.00 | 0.0 | 4,705 | 4.67 | 318 | 5.4 | |
| N | 2,220 | 8 | 8 | 8 | 2,220 | 8 | 2,220 | 148 | 1.9 |
| ESTIMATE | 560 | 0.035 | 0.18 | 10.7 | 15,782 | 5.04 | 3,134 | | |
| 5 (SE) | 336 | 0.022 | 0.10 | 6.0 | 4,390 | 1.05 | 589 | 18.9 | |
| N | 2,220 | 28 | 28 | 28 | 2,220 | 28 | 2,220 | 148 | 3.2 |
| STATEWIDE | | | | | | | | PERCENT OF TOTAL LICENSEES | |
| ESTIMATE | 17,237 | 0.132 | 0.94 | 31.0 | 124,127 | 7.15 | 17,658 | 7.0 | |
| (SE) | 3,457 | 0.023 | 0.01 | 3.7 | 15,582 | 0.06 | 1,344 | 0.5 | |
| N | 2,220 | 155 | 155 | 155 | 2,220 | 155 | 2,220 | 2,220 | |

TABLE 34. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF ALL OTHER DUCKS HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 56,635 | 0.775 | 6.33 | 56.3 | 7,309 | 8.16 | 8,954 | 54.1 |
| | (SE) | 10,885 | 0.087 | 1.00 | 6 | 10,845 | 0.79 | 983 | 4.1 |
| | N | 2,220 | 80 | 80 | 80 | 2,220 | 80 | 2,220 | 148 |
| 2 | ESTIMATE | 3,470 | 0.336 | 2.21 | 63.6 | 16,229 | 6.59 | 2,462 | 14.9 |
| | (SE) | 1,779 | 0.126 | 1.01 | 10.5 | 4,685 | 1.32 | 522 | 2.9 |
| | N | 2,220 | 22 | 22 | 22 | 2,220 | 22 | 2,220 | 148 |
| 3 | ESTIMATE | 1,343 | 0.156 | 1.20 | 30.0 | 8,618 | 7.70 | 1,119 | 6.8 |
| | (SE) | 881 | 0.102 | 0.73 | 15.3 | 3,527 | 2.11 | 353 | 2.1 |
| | N | 2,220 | 10 | 10 | 10 | 2,220 | 10 | 2,220 | 148 |
| 4 | ESTIMATE | 2,798 | 0.379 | 3.13 | 12.5 | 7,387 | 8.25 | 895 | 5.4 |
| | (SE) | 2,798 | 0.178 | 3.13 | 12.5 | 4,705 | 4.67 | 316 | 1.9 |
| | N | 2,220 | 8 | 8 | 8 | 2,220 | 8 | 2,220 | 148 |
| 5 | ESTIMATE | 2,462 | 0.156 | 0.79 | 21.4 | 15,782 | 5.04 | 3,134 | 16.9 |
| | (SE) | 1,295 | 0.071 | 0.39 | 7.9 | 4,390 | 1.05 | 589 | 3.2 |
| | N | 2,220 | 28 | 28 | 28 | 2,220 | 28 | 2,220 | 148 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | | | | | | | | | |
| ESTIMATE | 68,184 | 0.545 | 3.90 | 41.3 | 124,127 | 7.15 | 17,658 | 7.0 | |
| (SE) | 11,466 | 0.088 | 0.08 | 4.0 | 15,582 | 0.08 | 1,344 | 0.5 | |
| N | 2,220 | 155 | 155 | 155 | 2,220 | 155 | 2,220 | 2,220 | |

TABLE 35. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GOOSE (SEPTEMBER) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION | |
|-----------|------------------|-----------------|--------------------|--------------------------|----------------------------|-----------------|-------------------------------|---------------|-------------------------------|-------------------------------|
| | | | | | | | | | PERCENT HUNTERS PER REGION | PERCENT HUNTERS PER REGION |
| 1 | ESTIMATE (SE) | 4,365 1,894 | 0.804 0.316 | 2.31 0.91 | 37.5 12.5 | 5,149 1,687 | 2.88 0.60 | 1,791 446 | 27.6 | 5.9 |
| | N | 2,220 | 16 | 16 | 16 | 2,220 | 16 | 2,220 | | 58 |
| 2 | ESTIMATE (SE) | 4,813 2,971 | 1.613 0.356 | 8.60 4.09 | 66.7 21.1 | 3,582 1,852 | 5.33 1.86 | 672 274 | 10.3 | 0.0 |
| | N | 2,220 | 6 | 6 | 6 | 2,220 | 6 | 2,220 | | 58 |
| 3 | ESTIMATE (SE) | 336 336 | 0.231 0.254 | 0.60 0.60 | 20.0 20.0 | 1,455 787 | 2.60 0.81 | 560 250 | 8.6 | 3.7 |
| | N | 2,220 | 5 | 5 | 5 | 2,220 | 5 | 2,220 | | 58 |
| 4 | ESTIMATE (SE) | 2,126 1,113 | 0.452 0.237 | 3.17 1.14 | 83.3 16.7 | 4,701 3,460 | 7.00 4.70 | 672 274 | 10.3 | 4.0 |
| | N | 2,220 | 6 | 6 | 6 | 2,220 | 6 | 2,220 | | 58 |
| 5 | ESTIMATE (SE) | 9,066 2,649 | 1.328 0.203 | 3.24 0.71 | 68.0 9.5 | 6,827 1,695 | 2.44 0.37 | 2,798 557 | 43.1 | 6.6 |
| | N | 2,220 | 25 | 25 | 25 | 2,220 | 25 | 2,220 | | 58 |
| STATEWIDE | ESTIMATE (SE) | 21,602 4,578 | 0.866 0.157 | 2.98 0.02 | 54.0 6.3 | 24,288 3,948 | 3.44 0.02 | 7,177 876 | 2.8 | 0.4 |
| | N | 2,220 | 63 | 63 | 63 | 2,220 | 63 | 2,220 | | 2,220 |
| | | | | | | | | | | |

TABLE 36. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GOOSE (NOVEMBER-MARCH) HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE | 18,020 | 0.725 | 3.83 | 78.6 | 24,848 | 5.29 | 4,701 | 42.0 |
| | (SE) | 4,685 | 0.093 | 0.82 | 6.4 | 5,009 | 0.70 | 719 | 5.0 |
| | N | 2,220 | 42 | 42 | 42 | 2,220 | 42 | 2,220 | 100 |
| 2 | ESTIMATE | 2,239 | 0.594 | 1.73 | 72.7 | 3,582 | 2.91 | 1,231 | 11.0 |
| | (SE) | 851 | 0.161 | 0.47 | 14.1 | 1,234 | 0.51 | 370 | 3.1 |
| | N | 2,220 | 11 | 11 | 11 | 2,220 | 11 | 2,220 | 100 |
| 3 | ESTIMATE | 1,679 | 0.238 | 2.14 | 85.7 | 7,051 | 9.00 | 783 | 7.0 |
| | (SE) | 759 | 0.093 | 0.67 | 14.3 | 3,445 | 3.02 | 296 | 2.6 |
| | N | 2,220 | 7 | 7 | 7 | 2,220 | 7 | 2,220 | 100 |
| 4 | ESTIMATE | 4,925 | 1.667 | 6.00 | 80.0 | 2,016 | 3.60 | 560 | 5.0 |
| | (SE) | 2,808 | 0.588 | 3.56 | 20.0 | 1,000 | 0.87 | 250 | 2.2 |
| | N | 2,220 | 5 | 5 | 5 | 2,220 | 5 | 2,220 | 100 |
| 5 | ESTIMATE | 33,690 | 1.480 | 8.54 | 82.9 | 22,609 | 5.77 | 3,917 | 35.0 |
| | (SE) | 8,840 | 0.215 | 1.70 | 6.5 | 5,227 | 0.93 | 657 | 4.8 |
| | N | 2,220 | 35 | 35 | 35 | 2,220 | 35 | 2,220 | 100 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | | | | | | | | | |
| ESTIMATE | | | | | | | | | |
| (SE) | | | | | | | | | |
| N | | | | | | | | | |

TABLE 37. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF RED FOX HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|----------------------------|-----------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| | | | | | | | | | |
| 1 | ESTIMATE | 2,015 | 0.098 | 1.09 | 36.4 | 13,655 | 11.09 | 1,231 | 11.7 |
| | (SE) | 821 | 0.071 | 0.55 | 15.2 | 6,966 | 4.79 | 370 | 3.3 |
| | N | 2,220 | 11 | 11 | 11 | 2,220 | 11 | 2,220 | 94 |
| 2 | ESTIMATE | 2,574 | 0.123 | 1.11 | 83.3 | 24,176 | 9.00 | 2,686 | 25.5 |
| | (SE) | 715 | 0.028 | 0.21 | 7.8 | 7,574 | 2.19 | 545 | 4.5 |
| | N | 2,220 | 24 | 24 | 24 | 2,220 | 24 | 2,220 | 94 |
| 3 | ESTIMATE | 896 | 0.241 | 0.88 | 50.0 | 3,246 | 3.63 | 895 | 8.5 |
| | (SE) | 447 | 0.138 | 0.40 | 18.9 | 1,289 | 0.71 | 316 | 2.9 |
| | N | 2,220 | 8 | 8 | 8 | 2,220 | 8 | 2,220 | 94 |
| 4 | ESTIMATE | 7,947 | 0.473 | 2.28 | 74.2 | 16,585 | 4.77 | 3,470 | 33.0 |
| | (SE) | 2,525 | 0.115 | 0.62 | 8.0 | 4,800 | 1.11 | 619 | 4.9 |
| | N | 2,220 | 31 | 31 | 31 | 2,220 | 31 | 2,220 | 94 |
| 5 | ESTIMATE | 3,470 | 0.122 | 1.55 | 60.0 | 28,542 | 12.75 | 2,239 | 21.3 |
| | (SE) | 1,355 | 0.047 | 0.51 | 11.2 | 9,053 | 2.85 | 498 | 4.2 |
| | N | 2,220 | 20 | 20 | 20 | 2,220 | 20 | 2,220 | 94 |
| PERCENT OF TOTAL LICENSEES | | | | | | | | | |
| STATEWIDE | ESTIMATE | 18,692 | 0.183 | 1.40 | 59.0 | 89,878 | 7.65 | 11,982 | 4.7 |
| | (SE) | 3,128 | 0.036 | 0.02 | 4.8 | 11,279 | 0.05 | 1,120 | 0.5 |
| | N | 2,220 | 105 | 105 | 105 | 2,220 | 105 | 2,220 | 2,220 |

TABLE 38. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF GRAY FOX HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION | |
|-----------|------------------|-----------------|--------------------|--------------------------|----------------------------|-----------------|-------------------------------|-----------------|----------------------------------|----------------------------------|
| | | | | | | | | | PERCENT HUNTERS PER REGION | PERCENT HUNTERS PER REGION |
| 1 | ESTIMATE (SE) | 4,253 1,565 | 0.247 0.130 | 2.12 0.86 | 70.6 11.4 | 16,341 7,093 | 8.59 3.19 | 1,903 480 | 19.8 | 4.3 |
| | N | 2,220 | 17 | 17 | 17 | 2,220 | 17 | 2,220 | | 86 |
| 2 | ESTIMATE (SE) | 5,484 1,777 | 0.266 0.081 | 2.13 0.54 | 84.6 7.2 | 23,281 7,587 | 8.00 2.13 | 2,910 587 | 30.2 | 5.0 |
| | N | 2,220 | 26 | 26 | 26 | 2,220 | 26 | 2,220 | | 86 |
| 3 | ESTIMATE (SE) | 1,455 956 | 0.522 0.370 | 2.40 1.47 | 60.0 24.5 | 2,574 1,210 | 4.60 0.75 | 560 250 | 5.8 | 2.5 |
| | N | 2,220 | 5 | 5 | 5 | 2,220 | 5 | 2,220 | | 86 |
| 4 | ESTIMATE (SE) | 2,798 1,018 | 0.174 0.046 | 1.09 0.33 | 52.2 10.6 | 16,113 4,899 | 6.26 1.42 | 2,574 534 | 26.7 | 4.8 |
| | N | 2,220 | 23 | 23 | 23 | 2,220 | 23 | 2,220 | | 86 |
| 5 | ESTIMATE (SE) | 1,903 942 | 0.117 0.064 | 1.13 0.50 | 53.3 13.3 | 16,229 6,035 | 9.67 2.68 | 1,679 432 | 17.4 | 4.1 |
| | N | 2,220 | 15 | 15 | 15 | 2,220 | 15 | 2,220 | | 86 |
| | | | | | | | | | PERCENT OF TOTAL LICENSEES | |
| STATEWIDE | ESTIMATE (SE) | 18,132 2,979 | 0.210 0.040 | 1.53 0.01 | 60.4 5.0 | 78,349 6,953 | 7.29 0.03 | 1,0936 1,073 | 4.3 | 0.4 |
| | N | 2,220 | 96 | 96 | 96 | 2,220 | 96 | 2,220 | | 2,220 |

TABLE 39. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF COYOTE HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------|------------------|----------------|--------------------|--------------------------|----------------------------|-----------------|-------------------------------|---------------|----------------------------|
| 1 | ESTIMATE (SE) | 0 0 | 0.000 0.000 | 0.00 0.00 | 0.0 0.0 | 1,343 1,130 | 4.00 3.00 | 336 194 | 4.1 2.3 |
| | N | 2,220 | 3 | 3 | 3 | 2,220 | 3 | 2,220 | 73 |
| 2 | ESTIMATE (SE) | 112 112 | 0.022 0.016 | 0.11 0.11 | 20.0 13.3 | 5,598 2,302 | 5.00 1.39 | 1,119 353 | 13.7 4.1 |
| | N | 2,220 | 10 | 10 | 10 | 2,220 | 10 | 2,220 | 73 |
| 3 | ESTIMATE (SE) | 5,037 2,148 | 0.185 0.076 | 1.77 0.79 | 54.5 10.9 | 23,617 8,064 | 9.59 2.63 | 2,482 522 | 30.1 5.4 |
| | N | 2,220 | 22 | 22 | 22 | 2,220 | 22 | 2,220 | 73 |
| 4 | ESTIMATE (SE) | 1,119 447 | 0.078 0.045 | 0.42 0.18 | 26.3 10.4 | 11,528 4,162 | 5.42 1.56 | 2,127 486 | 26.0 5.2 |
| | N | 2,220 | 19 | 19 | 19 | 2,220 | 19 | 2,220 | 73 |
| 5 | ESTIMATE (SE) | 448 224 | 0.041 0.015 | 0.43 0.20 | 15.8 14.9 | 8,283 6,759 | 10.57 8.26 | 2,127 486 | 26.0 5.2 |
| | N | 2,220 | 7 | 7 | 7 | 2,220 | 19 | 2,220 | 73 |
| | | | | | | | | | PERCENT OF TOTAL LICENSEES |
| STATEWIDE | ESTIMATE (SE) | 8,506 2,260 | 0.116 0.038 | 0.79 0.90 | 35.2 5.7 | 54,173 5,685 | 6.82 0.02 | 8,088 928 | 3.2 0.4 |
| | N | 2,220 | 71 | 71 | 71 | 2,220 | 71 | 2,220 | 2,220 |

TABLE 40. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF RACCOON HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|-----------|------------------|-------------------|--------------------|--------------------------|----------------------------|-------------------|-------------------------------|-----------------|----------------------------|
| 1 | ESTIMATE (SE) | 8,842 4,071 | 1,125 0.449 | 7.71 2.81 | 100.0 0.0 | 5,373 2,930 | 6.86 2.91 | 783 296 | 9.2 3.3 |
| | N | 2,220 | 7 | 7 | | 2,220 | 7 | 2,220 | 76 |
| 2 | ESTIMATE (SE) | 45,331 11,708 | 0.744 0.075 | 15.23 2.74 | 95.7 4.3 | 52,718 14,660 | 20.48 3.83 | 2,574 534 | 30.3 5.3 |
| | N | 2,220 | 23 | 23 | | 2,220 | 23 | 2,220 | 76 |
| 3 | ESTIMATE (SE) | 14,103 3,947 | 0.356 0.058 | 5.04 1.12 | 78.3 8.8 | 36,488 11,333 | 14.17 3.35 | 2,574 534 | 30.3 5.3 |
| | N | 2,220 | 23 | 23 | | 2,220 | 23 | 2,220 | 76 |
| 4 | ESTIMATE (SE) | 8,954 4,965 | 0.442 0.163 | 5.33 2.71 | 100.0 0.0 | 20,259 7,409 | 12.07 3.24 | 1,679 432 | 19.7 4.6 |
| | N | 2,220 | 15 | 15 | | 2,220 | 15 | 2,220 | 76 |
| 5 | ESTIMATE (SE) | 14,774 7,537 | 0.505 0.183 | 12.75 6.46 | 87.5 12.5 | 22,609 12,019 | 25.25 10.73 | 895 316 | 10.5 3.5 |
| | N | 2,220 | 8 | 8 | | 2,220 | 8 | 2,220 | 76 |
| STATEWIDE | ESTIMATE (SE) | 111,388 16,506 | 0.550 0.051 | 8.13 0.08 | 86.0 3.6 | 153,788 40,372 | 14.77 0.16 | 10,595 1,057 | 4.2 0.4 |
| | N | 2,220 | 93 | 93 | | 2,220 | 93 | 2,220 | 76 |
| | | | | | | | | | PERCENT OF TOTAL LICENSEES |
| | | | | | | | | | |

TABLE 41. EXPANDED STATEWIDE AND REGIONAL SUMMARIES OF BOBCAT HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

| REGION | STATISTIC | TOTAL HARVEST | AVERAGE DAILY KILL | AVERAGE SEASONAL HARVEST | PERCENT SUCCESSFUL HUNTERS | TOTAL MAN-DAYS | AVERAGE SEASONAL DAYS HUNTING | TOTAL HUNTERS | PERCENT HUNTERS PER REGION |
|--------|----------------------------|---------------|--------------------|--------------------------|----------------------------|----------------|-------------------------------|---------------|----------------------------|
| | ESTIMATE | 0 | 0.000 | 0.00 | 0.0 | 2,910 | 5.20 | 560 | 16.7 |
| 1 | (SE) | 0 | 0.000 | 0.00 | 0.0 | 1,636 | 1.98 | 260 | 6.9 |
| N | | 2,220 | 5 | 5 | 5 | 2,220 | 5 | 2,220 | 30 |
| | ESTIMATE | 1,119 | 0.064 | 0.40 | 41.7 | 8,395 | 6.25 | 1,343 | 40.0 |
| 2 | (SE) | 548 | 0.037 | 0.22 | 14.9 | 4,501 | 2.95 | 387 | 9.1 |
| N | | 2,220 | 12 | 12 | 12 | 2,220 | 12 | 2,220 | 30 |
| | ESTIMATE | 112 | 0.000 | 0.00 | 0.0 | 1,903 | 4.25 | 448 | 13.3 |
| 3 | (SE) | 112 | 0.000 | 0.00 | 0.0 | 1,043 | 1.11 | 224 | 6.3 |
| N | | 2,220 | 4 | 4 | 4 | 2,220 | 4 | 2,220 | 30 |
| | ESTIMATE | 112 | 0.000 | 0.00 | 0.0 | 6,380 | 9.50 | 672 | 20.0 |
| 4 | (SE) | 112 | 0.000 | 0.00 | 0.0 | 3,739 | 4.38 | 274 | 7.4 |
| N | | 2,220 | 6 | 6 | 6 | 2,220 | 6 | 2,220 | 30 |
| | ESTIMATE | 112 | 0.058 | 0.33 | 33.3 | 2,015 | 6.00 | 336 | 10.0 |
| 5 | (SE) | 112 | 0.086 | 0.33 | 33.3 | 1,697 | 4.51 | 194 | 5.6 |
| N | | 2,220 | 3 | 3 | 3 | 2,220 | 3 | 2,220 | 30 |
| | STATEWIDE | | | | | | | | |
| | ESTIMATE | 2,574 | 0.035 | 0.20 | 15.0 | 25,407 | 5.68 | 4,557 | 1.8 |
| | (SE) | 697 | 0.015 | 0.00 | 5.7 | 5,450 | 0.02 | 702 | 0.3 |
| | N | 2,220 | 40 | 40 | 40 | 2,220 | 40 | 2,220 | 2,220 |
| | PERCENT OF TOTAL LICENSEES | | | | | | | | |

TABLE 42. EXPANDED STATEWIDE SUMMARY OF TOTAL SQUIRREL HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

TABLE 43. EXPANDED STATEWIDE SUMMARY OF TOTAL GOOSE HUNTING IN VIRGINIA DURING THE 2001-2002 HUNTING SEASON

TABLE 44. HUNTERS' AGREEMENT WITH THE STATEMENT 'I AM NOT IN FAVOR OF YOUTH HUNTING DAYS' (Q18F)

| | MEAN* | RESPONSES (%) | | | | |
|--|-------|---------------|-----|------|-----|------|
| | | 1 | 2 | 3 | 4 | 5 |
| | 2.33 | 48.4 | 6.1 | 25.2 | 4.5 | 15.8 |

* WHERE 1=STRONGLY DISAGREE, 3=NEUTRAL, 5=STRONGLY AGREE

TABLE 45. OPINIONS OF SQUIRREL HUNTERS REGARDING VARIOUS ASPECTS OF PROVIDING A SEPARATE DAY FOR YOUTH SQUIRREL HUNTING (Q18-Q19)

| | MEAN* | RESPONSES (%) | | | | |
|---|-------|---------------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| A SEPARATE DAY SHOULD BE PROVIDED | 3.56 | 15.5 | 3.3 | 31.4 | 9.1 | 40.7 |
| SHOULD BE PRIOR TO REGULAR SEASON | 3.54 | 20.2 | 4.0 | 21.2 | 11.0 | 43.7 |
| SHOULD BE AFTER THE REGULAR SEASON | 2.29 | 46.7 | 9.1 | 25.7 | 5.8 | 12.7 |
| ADULTS SHOULD PARTICIPATE WITHOUT WEAPONS | 4.38 | 8.2 | 1.9 | 8.9 | 5.3 | 75.6 |
| SHOULD BE YOUTH 12 + YEARS | 3.18 | 25.1 | 10.3 | 20.1 | 10.1 | 34.4 |
| SHOULD BE YOUTH 15+ YEARS | 3.44 | 19.7 | 6.5 | 23.2 | 11.9 | 38.8 |

* WHERE 1=STRONGLY DISAGREE, 3=NEUTRAL, 5=STRONGLY AGREE

TABLE 46. SQUIRREL HUNTERS' PREFERENCE FOR DAY OF WEEK YOUTH DAY SHOULD BE SCHEDULED (Q20)

| | DAY (%) | | |
|--|----------|--------|----------------|
| | SATURDAY | MONDAY | DOESN'T MATTER |
| | 52.7 | 15.9 | 31.4 |

TABLE 47. OPINIONS OF DEER (GUN) HUNTERS REGARDING VARIOUS ASPECTS OF PROVIDING A SEPARATE DAY FOR YOUTH DEER (GUN) HUNTING (Q18-Q19)

| | MEAN* | RESPONSES (%) | | | | |
|---|-------|---------------|-----|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| A SEPARATE DAY SHOULD BE PROVIDED | 3.55 | 18.6 | 4.7 | 23.0 | 10.9 | 42.8 |
| SHOULD BE PRIOR TO REGULAR SEASON | 3.38 | 23.5 | 4.4 | 21.6 | 11.7 | 38.8 |
| SHOULD BE AFTER THE REGULAR SEASON | 2.37 | 43.6 | 9.1 | 27.5 | 6.6 | 13.2 |
| ADULTS SHOULD PARTICIPATE WITHOUT WEAPONS | 4.35 | 8.5 | 2.2 | 9.4 | 6.3 | 73.7 |
| SHOULD BE YOUTH 12+ YEARS | 3.15 | 24.9 | 9.5 | 23.2 | 10.3 | 32.0 |
| SHOULD BE YOUTH 15+ YEARS | 3.39 | 20.0 | 7.1 | 22.9 | 13.5 | 36.4 |

* WHERE 1=STRONGLY DISAGREE, 3=NEUTRAL, 5=STRONGLY AGREE

TABLE 48. DEER (GUN) HUNTERS' PREFERENCE FOR DAY OF WEEK YOUTH DAY SHOULD BE SCHEDULED (Q20)

| | DAY (%) | | |
|--|----------|--------|----------------|
| | SATURDAY | MONDAY | DOESN'T MATTER |
| | 48.5 | 14.7 | 36.8 |

| | MEAN* | RESPONSES (%) | | | | |
|---|-------|---------------|-----|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| A SEPARATE DAY SHOULD BE PROVIDED | 3.41 | 20.2 | 6.0 | 24.7 | 11.1 | 38.1 |
| SHOULD BE PRIOR TO REGULAR SEASON | 3.36 | 24.6 | 3.1 | 22.5 | 11.1 | 38.7 |
| SHOULD BE AFTER THE REGULAR SEASON | 2.39 | 44.6 | 9.5 | 23.9 | 6.0 | 16.0 |
| ADULTS SHOULD PARTICIPATE WITHOUT WEAPONS | 4.34 | 9.6 | 1.9 | 8.5 | 4.9 | 75.1 |
| SHOULD BE YOUTH 12+ YEARS | 3.14 | 25.0 | 9.9 | 23.8 | 9.3 | 32.0 |
| SHOULD BE YOUTH 15+ YEARS | 3.43 | 18.4 | 6.6 | 25.4 | 12.2 | 37.3 |

* WHERE 1=STRONGLY DISAGREE, 3=NEUTRAL, 5=STRONGLY AGREE

| DAY (%) | | | |
|---------|----------|--------|----------------|
| | SATURDAY | MONDAY | DOESN'T MATTER |
| | 52.0 | 15.0 | 33.0 |

| | MEAN* | RESPONSES (%) | | | | |
|---|-------|---------------|-----|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| A SEPARATE DAY SHOULD BE PROVIDED | 3.44 | 20.2 | 5.8 | 23.2 | 11.6 | 39.2 |
| SHOULD BE PRIOR TO REGULAR SEASON | 3.46 | 22.5 | 3.7 | 20.4 | 12.2 | 41.2 |
| SHOULD BE AFTER THE REGULAR SEASON | 2.31 | 46.2 | 9.0 | 26.1 | 4.6 | 14.1 |
| ADULTS SHOULD PARTICIPATE WITHOUT WEAPONS | 4.45 | 6.7 | 2.3 | 8.2 | 5.2 | 77.6 |
| SHOULD BE YOUTH 12+ YEARS | 3.32 | 21.6 | 9.2 | 21.4 | 10.8 | 36.9 |
| SHOULD BE YOUTH 15+ YEARS | 3.34 | 20.8 | 6.7 | 25.3 | 11.9 | 35.2 |

* WHERE 1=STRONGLY DISAGREE, 3=NEUTRAL, 5=STRONGLY AGREE

| TABLE 52. SPRING TURKEY HUNTERS' PREFERENCE FOR DAY OF WEEK YOUTH DAY SHOULD BE SCHEDULED (Q20) | | | |
|---|----------|--------|----------------|
| | DAY (%) | | |
| | SATURDAY | MONDAY | DOESN'T MATTER |
| | 54.1 | 16.4 | 29.5 |

TABLE 53.

OPINIONS OF WATERFOWL HUNTERS REGARDING VARIOUS ASPECTS OF PROVIDING A SEPARATE DAY FOR YOUTH WATERFOWL HUNTING (Q18-Q19)

| | MEAN* | RESPONSES (%) | | | | |
|---|-------|---------------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| A SEPARATE DAY SHOULD BE PROVIDED | 3.78 | 15.0 | 3.6 | 19.8 | 11.4 | 50.3 |
| SHOULD BE PRIOR TO REGULAR SEASON | 3.69 | 14.9 | 3.4 | 24.7 | 11.5 | 45.4 |
| SHOULD BE AFTER THE REGULAR SEASON | 2.27 | 44.6 | 9.5 | 29.8 | 6.5 | 9.5 |
| ADULTS SHOULD PARTICIPATE WITHOUT WEAPONS | 4.52 | 6.3 | 1.1 | 6.3 | 6.9 | 79.3 |
| SHOULD BE YOUTH 12+ YEARS | 3.08 | 22.9 | 15.3 | 21.8 | 11.2 | 28.8 |
| SHOULD BE YOUTH 15+ YEARS | 3.59 | 20.1 | 4.0 | 17.8 | 12.6 | 45.4 |

* WHERE 1=STRONGLY DISAGREE, 3=NEUTRAL, 5=STRONGLY AGREE

TABLE 54.

WATERFOWL HUNTERS' PREFERENCE FOR DAY OF WEEK YOUTH DAY SHOULD BE SCHEDULED (Q20)

| | DAY (%) | | |
|--|----------|--------|----------------|
| | SATURDAY | MONDAY | DOESN'T MATTER |
| | 47.7 | 14.0 | 38.4 |

TABLE 55. PERCEPTIONS OF FALL TURKEY HUNTERS REGARDING OVERALL QUALITY OF 2001
FALL TURKEY SEASON (Q27)

| | STATEWIDE* | REGIONS* | | | | |
|--|------------|----------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| | 3.93 | 3.82 | 4.26 | 3.77 | 3.97 | 3.40 |

* MEAN SCORES, WHERE 1=POOR, 4=ADEQUATE, 7=EXCELLENT

TABLE 56. PERCEPTIONS OF SPRING TURKEY HUNTERS REGARDING OVERALL QUALITY OF 2002
SPRING TURKEY SEASON (Q29)

| | STATEWIDE* | REGIONS* | | | | |
|--|------------|----------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| | 4.29 | 4.18 | 4.60 | 4.02 | 4.36 | 4.21 |

* MEAN SCORES, WHERE 1=POOR, 4=ADEQUATE, 7=EXCELLENT

TABLE 57. PERCENTAGE OF BEAR HUNTERS UTILIZING SELECTED METHODS/SEASONS (Q30)

| RESPONSE | STATEWIDE (%) | REGIONS (%) | | | | |
|------------------|---------------|-------------|------|------|------|-------|
| | | 1 | 2 | 3 | 4 | 5 |
| ARCHERY SEASON | 38.9 | 0.0 | 20.0 | 52.9 | 39.0 | 33.3 |
| GUN WITHOUT DOGS | 80.0 | 50.0 | 88.9 | 71.4 | 82.7 | 100.0 |
| GUN USING DOGS | 51.9 | 50.0 | 50.0 | 47.1 | 51.2 | 60.0 |

TABLE 58. STATEWIDE AND REGIONAL SUMMARIES OF SUPPORT AMONG GUN DEER HUNTERS REGARDING A REGULATION REQUIRING HUNTERS TO SHOOT AN ANTLERLESS DEER AFTER HARVESTING THEIR FIRST ANTLERED BUCK DURING THE SEASON (Q31)

| RESPONSE | STATEWIDE (%) | REGIONS (%) | | | | |
|------------------|---------------|-------------|------|------|------|-------|
| | | 1 | 2 | 3 | 4 | 5 |
| ARCHERY SEASON | 38.9 | 0.0 | 20.0 | 52.9 | 39.0 | 33.3 |
| GUN WITHOUT DOGS | 80.0 | 50.0 | 88.9 | 71.4 | 82.7 | 100.0 |
| GUN USING DOGS | 51.9 | 50.0 | 50.0 | 47.1 | 51.2 | 60.0 |
| NOT SURE | 16.6 | 16.1 | 19.1 | 12.8 | 15.4 | 17.6 |

TABLE 59. MEAN NUMBER OF ANIMALS SEEN BY ARCHERY DEER HUNTERS IN 2001-2002 HUNTING SEASON BY REGION (Q32)

| SPECIES | STATEWIDE | REGIONS | | | | |
|-------------|-----------|---------|-------|-------|-------|-------|
| | | 1 | 2 | 3 | 4 | 5 |
| BEAR | 0.35 | 0.21 | 0.04 | 0.46 | 0.68 | 0.33 |
| BOBCAT | 0.21 | 0.21 | 0.17 | 0.38 | 0.16 | 0.11 |
| RED FOX | 1.60 | 1.33 | 1.08 | 1.11 | 1.62 | 3.05 |
| GRAY FOX | 1.58 | 1.98 | 1.52 | 1.07 | 2.12 | 1.76 |
| MINK | 0.05 | 0.02 | 0.10 | 0.05 | 0.07 | 0.03 |
| WEASEL | 0.01 | 0.00 | 0.00 | 0.03 | 0.01 | 0.01 |
| RACCOON | 2.05 | 2.40 | 2.24 | 2.91 | 1.53 | 1.52 |
| COYOTE | 0.45 | 0.09 | 0.47 | 1.09 | 0.21 | 0.17 |
| RIVER OTTER | 0.29 | 1.07 | 0.33 | 0.24 | 0.10 | 0.14 |
| TURKEY | 16.02 | 12.57 | 17.90 | 23.71 | 13.39 | 11.21 |
| GROUSE | 2.74 | 0.42 | 1.22 | 4.70 | 5.51 | 0.43 |

TABLE 60. PERCEPTIONS OF DEER (GUN) HUNTERS REGARDING OVERALL QUALITY OF 2001-2002 DEER (GUN) SEASON (Q34)

| | STATEWIDE* | REGIONS* | | | | |
|--|------------|----------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| | 4.27 | 4.59 | 4.29 | 4.24 | 4.07 | 4.29 |

* MEAN SCORES, WHERE 1=POOR, 4=ADEQUATE, 7=EXCELLENT

TABLE 61. STATEWIDE AND REGIONAL SUMMARIES OF THE LEVEL OF AGREEMENT AMONG DEER (GUN) HUNTERS REGARDING CROWDING AND OTHER FACTORS AFFECTING HUNTING ENJOYMENT (Q35)

| STATEMENT | STATEWIDE* | REGIONS* | | | | |
|--|------------|----------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| ENJOYED HUNTING SEASON | 4.30 | 4.41 | 4.35 | 4.32 | 4.16 | 4.30 |
| NOT AS ENJOYABLE AS EXPECTED | 2.27 | 2.07 | 2.27 | 2.24 | 2.44 | 2.22 |
| CANNOT IMAGINE BETTER SEASON | 2.72 | 2.86 | 2.80 | 2.65 | 2.65 | 2.65 |
| SEASON WORTH MONEY SPENT | 3.74 | 3.98 | 3.86 | 3.64 | 3.53 | 3.78 |
| DISAPPOINTED WITH SOME ASPECTS | 2.93 | 2.79 | 2.94 | 2.94 | 3.04 | 2.90 |
| # OF HUNTERS REDUCED ENJOYMENT | 2.49 | 2.30 | 2.41 | 2.50 | 2.65 | 2.55 |
| CONDITIONS SAFE IN FAVORITE AREA | 4.37 | 4.46 | 4.44 | 4.22 | 4.35 | 4.36 |
| UNSAFE # OF OTHERS IN FAVORITE AREA | 1.91 | 1.81 | 1.92 | 2.01 | 1.90 | 1.89 |
| OTHER HUNTERS CAME TOO CLOSE | 2.35 | 2.08 | 2.42 | 2.51 | 2.45 | 2.28 |
| HUNTER BEHAVIOR AFFECTED QUALITY | 2.26 | 2.11 | 2.18 | 2.45 | 2.46 | 2.17 |
| CROWDING NEARLY CAUSED ACCIDENT | 1.38 | 1.34 | 1.43 | 1.37 | 1.38 | 1.38 |
| ADEQUATE LAW ENFORCEMENT PRESENT | 3.36 | 3.82 | 3.55 | 2.95 | 3.15 | 3.42 |
| HUNTER NOISE REDUCED ENJOYMENT | 2.10 | 1.99 | 2.01 | 2.25 | 2.26 | 2.02 |
| DIDN'T HUNT FAVORITE AREA B/C CROWDING | 1.78 | 1.67 | 1.71 | 1.94 | 1.87 | 1.73 |
| DIDN'T HUNT CERTAIN DAYS B/C CROWDING | 2.01 | 1.92 | 1.97 | 2.13 | 2.10 | 1.98 |
| IF CROWDING KNOWN, NOT HUNTED | 1.78 | 1.78 | 1.78 | 1.80 | 1.80 | 1.76 |

* WHERE 1=STRONGLY DISAGREE, 3=NEUTRAL, 5=STRONGLY AGREE

TABLE 62. STATEWIDE AND REGIONAL SUMMARIES OF THE FREQUENCY AND EFFECT ON ENJOYMENT OF SELECTED DEER (GUN) HUNTER ENCOUNTERS (Q36-Q38)

ON YOUR MOST CROWDED 2001-2002 HUNTING TRIP, HOW OFTEN ...

... WERE YOU IN SIGHT OF OTHER HUNTERS? (%)

| | NEVER | OCCASIONALLY | OFTEN | VERY OFTEN | HOW DID THIS AFFECT YOUR ENJOYMENT? (%) | | |
|-----------|-------|--------------|-------|------------|---|------|------|
| STATEWIDE | 15.5 | 66.3 | 14.2 | 4.1 | 10.2 | 64.8 | 25.0 |
| REGION 1 | 18.3 | 58.0 | 20.1 | 3.6 | 10.8 | 70.3 | 18.9 |
| REGION 2 | 17.9 | 62.5 | 15.6 | 4.0 | 13.8 | 66.4 | 19.8 |
| REGION 3 | 13.7 | 68.8 | 12.1 | 5.5 | 7.8 | 59.8 | 32.4 |
| REGION 4 | 14.9 | 69.6 | 12.7 | 2.9 | 6.6 | 62.6 | 30.8 |
| REGION 5 | 11.8 | 72.8 | 11.4 | 4.1 | 10.2 | 64.9 | 24.9 |

... DID YOU HAVE TO MANEUVER TO AVOID CONTACT WITH OTHER HUNTERS? (%)

| | NEVER | OCCASIONALLY | OFTEN | VERY OFTEN | HOW DID THIS AFFECT YOUR ENJOYMENT? (%) | | |
|-----------|-------|--------------|-------|------------|---|------|------|
| STATEWIDE | 41.5 | 50.2 | 6.0 | 2.3 | 7.6 | 69.4 | 23.0 |
| REGION 1 | 50.9 | 42.9 | 4.4 | 1.8 | 6.8 | 75.7 | 17.6 |
| REGION 2 | 44.5 | 49.9 | 4.2 | 1.4 | 10.9 | 70.9 | 18.3 |
| REGION 3 | 34.0 | 53.5 | 9.8 | 2.7 | 5.1 | 63.8 | 31.1 |
| REGION 4 | 32.7 | 58.6 | 5.8 | 2.9 | 7.2 | 64.6 | 28.2 |
| REGION 5 | 45.3 | 46.2 | 5.7 | 2.8 | 7.3 | 72.1 | 20.6 |

... DID YOU HEAR THE SOUND OF OTHER HUNTERS? (%)

| | NEVER | OCCASIONALLY | OFTEN | VERY OFTEN | HOW DID THIS AFFECT YOUR ENJOYMENT? (%) | | |
|-----------|-------|--------------|-------|------------|---|------|------|
| STATEWIDE | 10.4 | 66.0 | 16.3 | 7.3 | 4.4 | 70.5 | 25.1 |
| REGION 1 | 16.4 | 60.6 | 16.4 | 6.6 | 6.7 | 74.1 | 19.2 |
| REGION 2 | 9.3 | 67.0 | 16.9 | 6.8 | 3.7 | 75.2 | 21.1 |
| REGION 3 | 9.0 | 63.9 | 17.3 | 9.8 | 3.9 | 63.7 | 32.4 |
| REGION 4 | 10.1 | 67.1 | 15.5 | 7.2 | 4.0 | 63.6 | 32.4 |
| REGION 5 | 8.9 | 68.8 | 15.4 | 6.9 | 4.0 | 75.3 | 20.6 |

TABLE 63.

STATEWIDE AND REGIONAL SUMMARIES OF THE PERCEIVED IMPORTANCE OF VARIOUS ASPECTS OF
SOLITUDE IN THE DEER (GUN) HUNTING EXPERIENCE (Q39)

| STATEMENT | STATEWIDE* | REGIONS* | | | | |
|--|------------|----------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| DISCUSS PERSONAL MATTERS WITH FRIENDS | 3.60 | 3.80 | 3.62 | 3.42 | 3.48 | 3.74 |
| DIENGAGE FROM EVERYDAY ROLES | 2.77 | 2.85 | 2.91 | 2.62 | 2.60 | 2.82 |
| THINK ABOUT PERSONAL MATTERS | 2.96 | 2.96 | 2.97 | 2.87 | 2.91 | 3.09 |
| REST MIND FROM MENTAL FATIGUE | 2.23 | 2.33 | 2.35 | 2.08 | 2.21 | 2.28 |
| LIMIT COMMUNICATION WITH NON-CLOSE FRIENDS | 3.64 | 3.85 | 3.82 | 3.41 | 3.53 | 3.56 |
| RELEASE PHYSICAL TENSION | 2.78 | 2.93 | 2.82 | 2.50 | 2.64 | 2.96 |
| COMMUNICATE WITH A FEW FRIENDS | 2.66 | 2.66 | 2.73 | 2.60 | 2.60 | 2.63 |
| LIMIT VISUAL/VERBAL INTERACTION | 3.60 | 3.75 | 3.71 | 3.41 | 3.55 | 3.57 |
| MAINTAIN SENSE OF INDIVIDUALITY | 2.87 | 3.10 | 2.84 | 2.78 | 2.87 | 2.79 |
| THINK ABOUT/PLAN COMING EVENTS | 3.42 | 3.34 | 3.39 | 3.45 | 3.40 | 3.49 |
| EXPERIENCE PERSONAL AUTONOMY | 3.26 | 3.29 | 3.35 | 3.22 | 3.16 | 3.28 |
| SHARE CONFIDENCES | 3.28 | 3.32 | 3.38 | 3.18 | 3.21 | 3.34 |
| DEVELOP SENSE OF INDEPENDENCE | 2.96 | 3.17 | 3.01 | 2.83 | 3.01 | 2.83 |
| EMOTIONAL RELEASE FROM LIFE | 2.30 | 2.43 | 2.37 | 2.19 | 2.26 | 2.34 |
| RECOVER FROM DEPRESSING MOMENTS | 3.55 | 3.75 | 3.58 | 3.34 | 3.48 | 3.74 |
| REFLECT UPON PAST EXPERIENCES | 2.96 | 3.05 | 3.07 | 2.86 | 2.79 | 2.98 |
| DEVELOP PERSONAL/SPIRITUAL SELF | 3.27 | 3.54 | 3.30 | 2.91 | 3.27 | 3.44 |
| RELEASE PSYCHOLOGICAL STRESS | 3.03 | 3.28 | 3.04 | 2.81 | 2.94 | 3.14 |
| RETURN TO SIMPLER LIFE | 2.57 | 2.80 | 2.66 | 2.42 | 2.45 | 2.66 |
| REGROUP MY THOUGHTS | 2.78 | 2.89 | 2.87 | 2.62 | 2.71 | 2.90 |
| REFLECT ON LIFETIME GOALS | 3.27 | 3.37 | 3.35 | 3.06 | 3.20 | 3.40 |
| BE ALONE WITH THOUGHTS AND FEELINGS | 2.61 | 2.81 | 2.66 | 2.40 | 2.55 | 2.73 |

* WHERE 1=EXTREMELY IMPORTANT, 2=VERY IMPORTANT, 3=SOMEWHAT IMPORTANT, 4=NEUTRAL, 5=SOMEWHAT UNIMPORTANT, 6=UNIMPORTANT, 7=NOT AT ALL IMPORTANT

TABLE 64.

STATEWIDE AND REGIONAL SUMMARIES OF DEER (GUN) HUNTING ACROSS EIGHT TYPES OF LAND DURING
THE 2001-2002 HUNTING SEASON (Q40)

| TYPE | STATEWIDE (%) | REGIONS (%) | | | | |
|----------------------------|---------------|-------------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 |
| NATIONAL FOREST LANDS | 16.0 | 1.5 | 5.7 | 31.0 | 36.0 | 6.7 |
| STATE WILDLIFE MANAGEMENT | 3.6 | 2.7 | 4.6 | 3.6 | 3.5 | 4.3 |
| PRIVATE LAND | 55.5 | 42.9 | 58.9 | 57.7 | 52.8 | 58.9 |
| CORPORATE LAND | 1.1 | 2.0 | 1.3 | 1.1 | 0.4 | 0.5 |
| MILITARY LAND | 1.8 | 3.0 | 0.1 | 0.2 | 0.3 | 5.6 |
| HUNT CLUB - PRIVATE LAND | 15.8 | 33.4 | 19.8 | 5.2 | 5.8 | 20.4 |
| HUNT CLUB - CORPORATE LAND | 5.0 | 13.3 | 8.7 | 0.1 | 0.9 | 2.2 |
| OTHER | 1.1 | 1.2 | 0.9 | 1.2 | 0.3 | 1.4 |

TABLE 65. STATEWIDE AND REGIONAL SUMMARIES OF OWNERSHIP OF LAND SUITABLE FOR HUNTING 2001-2002 (Q41)

| RESPONSE | STATEWIDE | REGIONS | | | | |
|----------------------|-----------|---------|-------|-------|-------|-------|
| | | 1 | 2 | 3 | 4 | 5 |
| OWN LAND? | | | | | | |
| YES | 36.3% | 30.5% | 44.1% | 43.8% | 35.6% | 28.2% |
| NO | 63.7% | 69.5% | 55.9% | 56.3% | 64.4% | 71.8% |
| MEAN NUMBER OF ACRES | 73.57 | 96.32 | 89.62 | 55.41 | 62.65 | 51.12 |

TABLE 66. STATEWIDE AND REGIONAL SUMMARIES OF LAND OWNERS ALLOWANCE OF FAMILY MEMBERS TO HUNT ON THEIR LAND (Q42)

| | PERCENT ALLOWING ACCESS | AVERAGE NUMBER OF PEOPLE ALLOWED |
|-----------|-------------------------|----------------------------------|
| STATEWIDE | 88.9 | 3.01 |
| REGION 1 | 90.3 | 3.47 |
| REGION 2 | 90.7 | 3.42 |
| REGION 3 | 90.1 | 2.84 |
| REGION 4 | 88.4 | 2.75 |
| REGION 5 | 88.2 | 2.45 |

TABLE 67. STATEWIDE AND REGIONAL SUMMARIES OF LAND OWNERS ALLOWANCE OF NON-FAMILY MEMBERS TO HUNT ON THEIR LAND (Q43)

| | PERCENT ALLOWING ACCESS | AVERAGE NUMBER OF PEOPLE ALLOWED |
|-----------|-------------------------|----------------------------------|
| STATEWIDE | 64.0 | 4.53 |
| REGION 1 | 65.2 | 7.90 |
| REGION 2 | 67.5 | 5.40 |
| REGION 3 | 60.9 | 2.89 |
| REGION 4 | 57.0 | 3.38 |
| REGION 5 | 67.6 | 4.32 |

TABLE 68. STATEWIDE SUMMARY OF WHY HUNTERS DO NOT ALLOW HUNTING ON THEIR PROPERTY (Q44)

| STATEMENT | MEAN SCORE* |
|--|-------------|
| I AM CONCERNED ABOUT BEING SUED IF A HUNTER IS INJURED | 3.51 |
| I AM CONCERNED ABOUT BEING HELD LEGALLY LIABLE FOR ACCIDENTS | 3.58 |
| I AM CONCERNED ABOUT THE BEHAVIOR AND ETHICS OF HUNTERS | 4.15 |
| THERE IS NO FINANCIAL INCENTIVE TO ALLOW HUNTING | 2.73 |
| I WANT TO RESERVE HUNTING RIGHTS FOR MYSELF AND MY FRIENDS | 4.12 |
| I DO NOT WANT TO BE BOtherED BY HUNTERS ON MY PROPERTY | 3.92 |
| OTHER | 4.24 |

*WHERE 1=STRONGLY DISAGREE, 3=NEUTRAL, 5=STRONGLY AGREE

TABLE 69. PERCENTAGE OF HUNTERS WHO HAVE RECEIVED HABITAT MANAGEMENT RECOMMENDATIONS FROM VARIOUS SOURCES (Q45)

| SOURCE | PERCENTAGE |
|--|------------|
| COUNTY FORESTER | 7.60 |
| COUNTY EXTENSION AGENT | 5.10 |
| SOIL AND WATER CONSERVATION DISTRICT PERSONNEL | 5.30 |
| NRCS DISTRICT CONSERVATIONIST | 1.10 |
| WILDLIFE BIOLOGIST FROM DGIF | 6.20 |
| PRIVATE CONSULTANT | 3.10 |
| SEED AND FEED STORE SALESMAN | 6.20 |
| OTHER LANDOWNERS | 11.00 |
| OTHER | 4.80 |

TABLE 70.

DEGREE TO WHICH RESPONDENTS RECEIVING HABITAT MANAGEMENT
ADVICE FROM DGIF BIOLOGISTS IMPLEMENTED RECOMMENDATIONS (Q46)

| DEGREE OF IMPLEMENTATION | PERCENTAGE RESPONDING |
|---------------------------------|------------------------------|
| ALL | 14.6 |
| MOST | 19.5 |
| SOME | 43.9 |
| FEW | 17.1 |
| NONE | 4.9 |

TABLE 71.

INTEREST IN RECEIVING HABITAT ADVICE AND FORMAT PREFERENCES
AMONG RESPONDENTS WHO OWN LAND SUITABLE FOR HUNTING (Q47)

| INTEREST IN RECEIVING ADVICE | PERCENTAGE RESPONDING |
|-------------------------------------|------------------------------|
| YES | 70.8 |
| NO | 29.2 |
| | |
| PREFERRED ADVICE FORMAT | PERCENTAGE RESPONDING |
| ON-SITE FIELD VISIT | 38.7 |
| WRITTEN INFORMATION | 55.3 |
| TELEPHONE CONVERSATION | 1.4 |
| ON-LINE ADVICE | 4.6 |
| OTHER | 0.0 |

| TABLE 72. PERCENTAGE OF HUNTERS WHO ARE INTERESTED IN IMPROVING HABITAT FOR VARIOUS SPECIES (Q48) | |
|---|------------|
| SPECIES | PERCENTAGE |
| BEAR | 16.90 |
| DEER | 83.10 |
| DOVE | 22.90 |
| GROUSE | 25.70 |
| NON-GAME SPECIES | 12.70 |
| FURBEARERS | 7.00 |
| QUAIL | 40.50 |
| RABBIT | 42.60 |
| SQUIRREL | 26.80 |
| TURKEY | 74.30 |
| WATERFOWL | 13.40 |
| WOODCOCK | 6.70 |
| OTHER | 4.60 |

TABLE 73.

STATEWIDE SUMMARY OF FAMILIARITY WITH AND PARTICIPATION IN VARIOUS
CONSERVATION PROGRAMS (Q49)

| PROGRAM | FAMILIAR (%) | PARTICIPATED (%) |
|-----------------------------------|--------------|------------------|
| CONSERVATION RESERVE | 20.7 | 3.4 |
| CONSERVATION RESERVE ENHANCEMENT | 13.8 | 1.1 |
| WILDLIFE HABITAT INCENTIVES | 16.1 | 5.7 |
| FOREST LANDOWNER INCENTIVE | 17.2 | 2.9 |
| WETLAND RESERVE | 13.8 | 1.7 |
| FARMLAND RESERVE | 12.6 | 2.9 |
| GRASSLAND RESERVE | 7.5 | 1.1 |
| ENVIRONMENTAL QUALITY INCENTIVES | 6.9 | 1.7 |
| CONSERVATION SECURITY | 5.2 | 1.7 |
| FOREST STEWARDSHIP | 15.5 | 6.3 |
| REFORESTATION OF TIMBERLAND | 17.2 | 9.2 |
| PARTNERS FOR FISH AND WILDLIFE | 8.0 | 1.7 |
| LANDOWNER INCENTIVES | 8.0 | 2.9 |
| VIRGINIA AGRICULTURAL BMP PROGRAM | 11.5 | 4.0 |

TABLE 74. SELECTED DEMOGRAPHICS OF RESPONDENTS (Q50-Q54)

| DEMOGRAPHIC | RESPONSE |
|---|----------|
| AGE (MEAN YEARS) | 45.0 |
| AGE FIRST HUNTED (MEAN YEARS) | 12.3 |
| NUMBER OF YEARS HUNTING (MEAN YEARS) | 25.3 |
| GENDER (%) | |
| MALE | 96.9 |
| FEMALE | 3.1 |
| MARITAL STATUS (%) | |
| NEVER MARRIED | 13.9 |
| MARRIED | 75.6 |
| DIVORCED | 8.0 |
| SEPERATED | 1.7 |
| WIDOWED | 0.9 |
| RACE/ETHNICITY (%) | |
| WHITE/CAUCASIAN | 93.5 |
| BLACK/AFRICAN AMERICAN | 3.0 |
| AMERICAN INDIAN, ESKIMO OR ALEUT | 0.9 |
| ASIAN OR PACIFIC ISLANDER | 1.3 |
| LATINO OR HISPANIC ORIGIN | 0.4 |
| OTHER | 0.8 |
| CHILDREN | |
| NUMBER OF CHILDREN PER HUNTER (MEAN) | 1.4 |
| AVERAGE AGE OF CHILDREN (MEAN YEARS) | 23.9 |
| GENDER OF CHILDREN (%) | |
| MALE | 51.5 |
| FEMALE | 48.5 |
| INTRODUCTION OF CHILDREN TO HUNTING (%) | |
| MALE CHILDREN | 90.0 |
| FEMALE CHILDREN | 44.3 |

TABLE 75. STATEWIDE SUMMARY OF CURRENT AND CHILDHOOD RESIDENCES OF ALL HUNTERS, 2001-2002 (Q55-Q56)

| TYPE OF RESIDENCE | CURRENT (%) | CHILDHOOD (%) |
|--|-------------|---------------|
| FARM | 20.8 | 30.6 |
| RURAL, BUT NOT FARM | 41.3 | 35.5 |
| TOWN (LESS THAN 50,000 POPULATION) | 15.4 | 16.9 |
| URBAN CITY (OVER 50,000 POPULATION) | 8.6 | 7.1 |
| SUBURBAN (ADJACENT TO CITY OVER 50,000 POPULATIO | 13.8 | 9.9 |

Notes

Several important points should be considered when interpreting the tables. They are summarized below.

1. When considering statistics given in this report, it is important that they *not* be viewed as absolute numbers, especially when comparing these statistics with those from other studies. Rather, the data provided are only indices of harvest and effort, and should be used in conjunction with data from previous and future mail surveys (in this ongoing research project) to determine trends. Response and non-response biases exist in all survey efforts. Therefore, care must be taken to fully replicate study methods so that biases are held constant (known) and valid trend analyses can be made.
2. Total Harvest and Total Man-Days statistics are derived from a formula utilizing the total number of licenses sold for the 2001-2002 hunting season ($n=248,479$). However, the statistics reported for Spring Turkey (2001) used a factor of 242,509 since this season was actually during the 2000-2001 hunting season. Total Harvest statistics include all animals harvested regardless of whether or not a hunter was hunting specifically for that animal (incidental kills).
3. Statistics for (a) Average Daily Kill, (b) Average Seasonal Harvest, (c) Percent Successful Hunters, (d) Average Seasonal Days Hunting, (e) Total Hunters, and (f) Percent of Total Licenses/Hunters Per Region were calculated using data only from those hunters who reported hunting specifically for that game animal.
4. Totals may not always total 100 percent due to rounding errors or missing values.
5. Regions were renumbered after the 1993-94 study. The composition of the regions, however, is consistent among studies. Please refer to the map, Figure 1 (p. 4).
6. Missing regional data for each species hunted were treated differently prior to the 1997-98 study. Beginning with the 1997-98 survey, respondents who did not provide information regarding the region where they hunted a particular species were eliminated from the regional estimates provided in Tables 5-41. Compared to previous surveys, this change particularly impacted the regional estimates reported for Average Daily Kill, Average Seasonal Harvest, Percent Successful, Average Seasonal Days, and Total Hunters. While the parameter estimates for averages and totals remained approximately the same, the standard errors for these estimates generally increased. Care should be taken when comparing these regional data with regional data from studies conducted 1993-94 through 1996-97. The statewide estimators remained unaffected by this change.
7. Parenthetical notations displayed immediately following a table title (e.g., Q24) refer to the specific question number(s) in the survey instrument.

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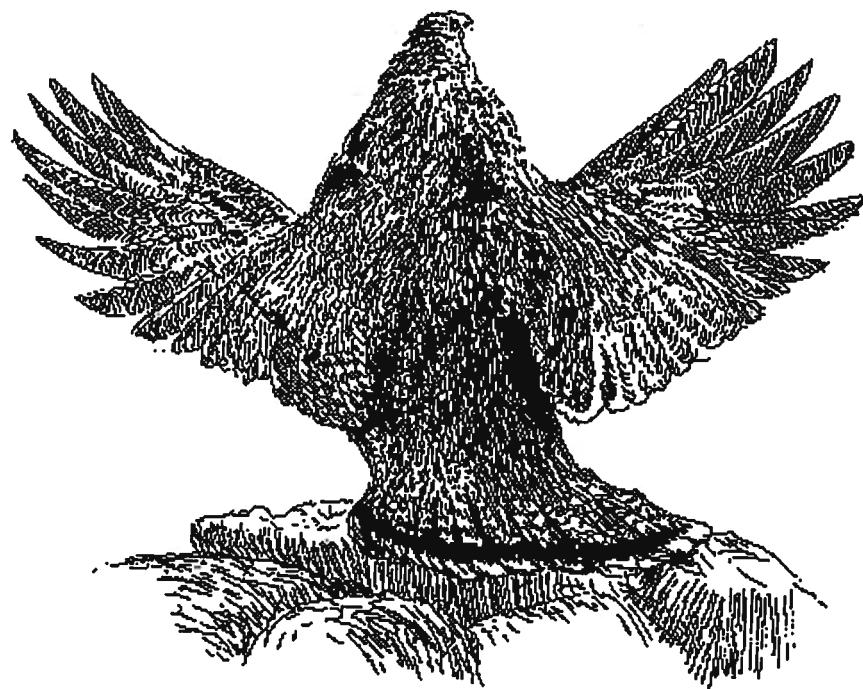
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Appendix A

Survey Instrument

2001-2002

Virginia Hunter Survey



**Virginia Department of Game and Inland Fisheries
and George Mason University**



VIRGINIA DEPARTMENT OF GAME AND INLAND FISHERIES

HUNTER SURVEY

Please answer each of the following questions completely. All responses to questions will be kept in strictest confidence. Results from this study will be reported only in an aggregate total, and will never be attributed to any individual.

1. Did you purchase a Virginia resident hunting license for the 2001-02 hunting season (July 1, 2001 - June 30, 2002)?
 Yes
 No (If no, do not go any further. Please fold the questionnaire, place it in the return envelope and return it as soon as possible. Thank you for your time.)
2. What type(s) of license(s) did you purchase? (✓ all that apply)
 State resident license (allowing you to hunt statewide)
 County/City license (allowing you to hunt only in the county/city where purchased)
 Senior license (for residents 65 years or older)
 Big game license (deer, bear, and turkey permit)
 Other (please specify) _____

The following questions relate to the number of game animals you harvested during the 2001-02 hunting season.

INSTRUCTIONS:

- In each box below, record the number of animals you personally harvested in 2001-02. Be as accurate as possible.
- Do not include game taken by anyone other than yourself.
- If you hunted an animal, but were unsuccessful, place a zero (0) in the space.
- If you did not hunt a particular animal, leave the space blank.

3. Small Game (Birds) Harvest:

| Dove | Quail | Woodcock | Ruffed Grouse | Crow |
|------|-------|----------|---------------|------|
| | | | | |

4. Small Game (Mammals) Harvest:

| Rabbit | Gray Squirrel | Fox Squirrel | Groundhog/Woodchuck |
|--------|---------------|--------------|---------------------|
| | | | |

5. Big Game Harvest:

| Deer | | | | | | Turkey | | | Bear |
|---------|------|--------------|------|-------|------|--------|------|--------|------|
| Archery | | Muzzleloader | | Gun | | Spring | Fall | Spring | Bear |
| Bucks | Does | Bucks | Does | Bucks | Does | 2001 | 2001 | 2002 | |
| | | | | | | | | | |

6. Waterfowl Harvest:

| Ducks | | | | Geese | |
|---------|------|-------|------------|------------------|-----------------------|
| Mallard | Wood | Black | All Others | September Season | November-March Season |
| | | | | | |

7. Furbearer Harvest:

| Red Fox | Gray Fox | Coyote | Raccoon | Bobcat |
|---------|----------|--------|---------|--------|
| | | | | |

The following questions relate to the time you spent afield. Below, please indicate the number of days in which each species was the PRIMARY animal you hunted. Count partial days as 1 day hunted.

8. Small Game (Birds) Days Hunted:

| Dove | Quail | Woodcock | Ruffed Grouse | Crow |
|------|-------|----------|---------------|------|
| | | | | |

9. Small Game (Mammals) Days Hunted:

| Rabbit | Gray Squirrel | Fox Squirrel | Groundhog/Woodchuck |
|--------|---------------|--------------|---------------------|
| | | | |

10. Big Game Days Hunted:

| Deer | | | | | | Turkey | | | Bear |
|---------|------|--------------|------|-------|------|--------|------|--------|------|
| Archery | | Muzzleloader | | Gun | | Spring | Fall | Spring | Bear |
| Bucks | Does | Bucks | Does | Bucks | Does | 2001 | 2001 | 2002 | |
| | | | | | | | | | |

11. Waterfowl Days Hunted:

| Ducks | | Geese | |
|-------|--|------------------|-----------------------|
| | | September Season | November-March Season |
| | | | |
| | | | |

12. Furbearer Days Hunted:

| Red Fox | Gray Fox | Coyote | Raccoon | Bobcat |
|---------|----------|--------|---------|--------|
| | | | | |

Using the map at the bottom of this page, indicate in each box below the region of the state where you most often hunted each species. If you did not hunt a species, leave the space blank.

13. Small Game (Birds) Region Hunted:

| | | | | |
|------|-------|----------|---------------|------|
| Dove | Quail | Woodcock | Ruffed Grouse | Crow |
| | | | | |

14. Small Game (Mammals) Region Hunted:

| | | | |
|--------|---------------|--------------|---------------------|
| Rabbit | Gray Squirrel | Fox Squirrel | Groundhog/Woodchuck |
| | | | |

15. Big Game Region Hunted:

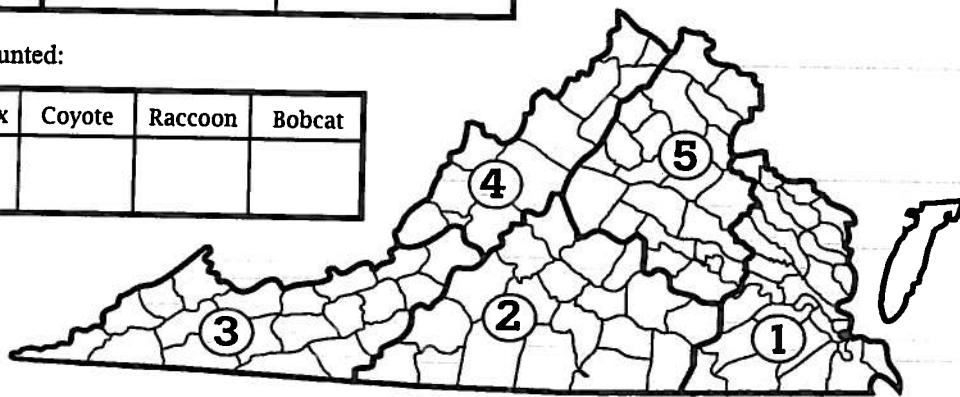
| Deer | | | | | | Turkey | | | Bear |
|---------|------|--------------|------|-------|------|--------|------|--------|------|
| Archery | | Muzzleloader | | Gun | | Spring | Fall | Spring | Bear |
| Bucks | Does | Bucks | Does | Bucks | Does | 2001 | 2001 | 2002 | |
| | | | | | | | | | |

16. Waterfowl Region Hunted:

| Ducks | | Geese | | |
|-------|--|------------------|--|-----------------------|
| | | September Season | | November-March Season |
| | | | | |
| | | | | |

17. Furbearer Region Hunted:

| | | | | |
|---------|----------|--------|---------|--------|
| Red Fox | Gray Fox | Coyote | Raccoon | Bobcat |
| | | | | |



In this section, we would like to know your views about youth hunting. Please complete the following questions regarding scheduling of one day each year reserved for young hunters ONLY (other hunters could not hunt on this day).

18. A separate youth hunting day reserved for **only** young hunters should be provided for:

| | Strongly Disagree | Neutral | Strongly Agree | | |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| a. Squirrel hunting | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| b. Deer (GUN) hunting | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| c. Fall Turkey hunting | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| d. Spring Turkey hunting | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| e. Waterfowl hunting | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| f. I am not in favor of youth hunting days. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |

19. Please indicate your level of agreement with each of the following statements:

| | Strongly Disagree | Neutral | Strongly Agree | | |
|---|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| a. The youth hunting day should be held prior to the regular season for the species. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| b. The youth hunting day should be held during the regular season for the species. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| c. The youth hunting day should be held after the regular season for the species. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| d. Supervisory adults should be allowed to participate in youth hunting days without weapons. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| e. Youth hunting days should be restricted to youth who are 12 years old and younger. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |
| f. Youth hunting days should be restricted to youth who are 15 years old and younger. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 |

20. On what day of the week should the youth hunting day be scheduled? (only one)

Saturday Monday Does Not Matter

In the following section, we would like to know about your hunting history.

21. How old were you when you first began hunting? _____ years old
22. Who first taught you to hunt? (✓ all that apply)
- Father Mother Brother/Sister Friend
 Spouse Uncle/Aunt Grandparent No one taught me, I learned on my own

23. Next we would like to know how frequently you have hunted over your hunting history (i.e., since you began hunting). Please give us a picture of your hunting history by checking each season you hunted at least once, beginning with the season in which you first hunted.

| | | | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <input type="checkbox"/> 1930-31 | <input type="checkbox"/> 1940-41 | <input type="checkbox"/> 1950-51 | <input type="checkbox"/> 1960-61 | <input type="checkbox"/> 1970-71 | <input type="checkbox"/> 1980-81 | <input type="checkbox"/> 1990-91 |
| <input type="checkbox"/> 1931-32 | <input type="checkbox"/> 1941-42 | <input type="checkbox"/> 1951-52 | <input type="checkbox"/> 1961-62 | <input type="checkbox"/> 1971-72 | <input type="checkbox"/> 1981-82 | <input type="checkbox"/> 1991-92 |
| <input type="checkbox"/> 1932-33 | <input type="checkbox"/> 1942-43 | <input type="checkbox"/> 1952-53 | <input type="checkbox"/> 1962-63 | <input type="checkbox"/> 1972-73 | <input type="checkbox"/> 1982-83 | <input type="checkbox"/> 1992-93 |
| <input type="checkbox"/> 1933-34 | <input type="checkbox"/> 1943-44 | <input type="checkbox"/> 1953-54 | <input type="checkbox"/> 1963-64 | <input type="checkbox"/> 1973-74 | <input type="checkbox"/> 1983-84 | <input type="checkbox"/> 1993-94 |
| <input type="checkbox"/> 1934-35 | <input type="checkbox"/> 1944-45 | <input type="checkbox"/> 1954-55 | <input type="checkbox"/> 1964-65 | <input type="checkbox"/> 1974-75 | <input type="checkbox"/> 1984-85 | <input type="checkbox"/> 1994-95 |
| <input type="checkbox"/> 1935-36 | <input type="checkbox"/> 1945-46 | <input type="checkbox"/> 1955-56 | <input type="checkbox"/> 1965-66 | <input type="checkbox"/> 1975-76 | <input type="checkbox"/> 1985-86 | <input type="checkbox"/> 1995-96 |
| <input type="checkbox"/> 1936-37 | <input type="checkbox"/> 1946-47 | <input type="checkbox"/> 1956-57 | <input type="checkbox"/> 1966-67 | <input type="checkbox"/> 1976-77 | <input type="checkbox"/> 1986-87 | <input type="checkbox"/> 1996-97 |
| <input type="checkbox"/> 1937-38 | <input type="checkbox"/> 1947-48 | <input type="checkbox"/> 1957-58 | <input type="checkbox"/> 1967-68 | <input type="checkbox"/> 1977-78 | <input type="checkbox"/> 1987-88 | <input type="checkbox"/> 1997-98 |
| <input type="checkbox"/> 1938-39 | <input type="checkbox"/> 1948-49 | <input type="checkbox"/> 1958-59 | <input type="checkbox"/> 1968-69 | <input type="checkbox"/> 1978-79 | <input type="checkbox"/> 1988-89 | <input type="checkbox"/> 1998-99 |
| <input type="checkbox"/> 1939-40 | <input type="checkbox"/> 1949-50 | <input type="checkbox"/> 1959-60 | <input type="checkbox"/> 1969-70 | <input type="checkbox"/> 1979-80 | <input type="checkbox"/> 1989-90 | <input type="checkbox"/> 1999-00 |
| | | | | | | <input type="checkbox"/> 2000-01 |
| | | | | | | <input type="checkbox"/> 2001-02 |

24. If there were blocks of years in which you did not hunt, please note briefly the years and primary reason you did not hunt.

25. How would you characterize your current level of experience as a hunter? (✓ only one)
- Beginner Intermediate Advanced Expert Post-Expert
(Not the expert I once was)

The following questions pertain to TURKEY hunting. If you did not hunt TURKEYS during either 2001-02 season, skip to question #30.

26. Please indicate the county where you most often hunted FALL TURKEYS during 2001. If you did not hunt TURKEYS in the Fall, skip to question #28.

_____ County

27. Overall, how do you rate the quality of your 2001 FALL TURKEY season?

Poor

Adequate

Excellent

¹

²

³

⁴

⁵

⁶

⁷

28. Please indicate the county where you most often hunted SPRING TURKEYS during 2002. If you did not hunt TURKEYS in the Spring, skip to question #30.

_____ County

29. Overall, how do you rate the quality of your 2002 SPRING TURKEY season?

Poor

Adequate

Excellent

¹

²

³

⁴

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30. The following question pertains to BEAR hunting in 2001-02. If you did not hunt BEARS during the 2001-02 season, skip to question #31.

During the 2001-02 BEAR season, did you:

- a. Hunt during the BEAR Archery Season? Yes No
b. Hunt with a GUN WITHOUT DOGS? Yes No
c. Hunt with a GUN USING DOGS? Yes No

31. The following question pertains to hunting DEER. If you did not hunt during the 2001-02 DEER seasons, skip to question #41.

If it is necessary to reduce the deer population in the area you hunt, would you support a regulation that requires deer hunters to shoot an antlerless deer after harvesting their first antlered buck during the season?

Yes

No

Not Sure

32. Now, we would like some idea of the number of animals you saw while ARCHERY DEER HUNTING in 2001. If you did not hunt during ARCHERY DEER season, please skip to question #33. In the blank next to each species, place the number of animals you saw during the 2001 ARCHERY DEER season. If you did not see a particular animal, place a zero (0) in the blank.

| | | |
|---------------|--------------|------------------|
| ____ Bear | ____ Mink | ____ River Otter |
| ____ Bobcat | ____ Weasel | ____ Turkey |
| ____ Red Fox | ____ Raccoon | ____ Grouse |
| ____ Gray Fox | ____ Coyote | |

33. The following questions ask for your views regarding your DEER HUNTING experiences. If you did not hunt DEER with a GUN during the 2001-02 hunting seasons, skip to question #41. Please indicate the county where you most often hunted DEER with a GUN during 2001-02.

____ County

34. Overall, how do you rate the quality of your 2001-02 DEER (GUN) season?

| | | |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Poor | Adequate | Excellent |
| <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ |
| <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ | <input type="checkbox"/> ⁶ |
| | | <input type="checkbox"/> ⁷ |

35. Please indicate your level of agreement with each of the following statements about your 2001-02 DEER (GUN) hunting season by placing a (✓) in the appropriate box.

| | Strongly Disagree | Neutral | Strongly Agree | | |
|--|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| a. I thoroughly enjoyed my hunting season. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| b. My hunting season was not as enjoyable as I expected it to be. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| c. I cannot imagine a better hunting season. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| d. My hunting season was well worth the money I spent. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| e. I was disappointed with some aspects of my hunting season. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| f. The number of other hunters reduced my enjoyment. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| g. Hunting conditions in my favorite area were safe. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| h. There was an unsafe number of other hunters in my favorite hunting area. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| i. Other hunters came closer to me than I liked. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |
| j. The behavior of other hunters interfered with the quality of my hunting experience. | <input type="checkbox"/> ¹ | <input type="checkbox"/> ² | <input type="checkbox"/> ³ | <input type="checkbox"/> ⁴ | <input type="checkbox"/> ⁵ |

| | Strongly Disagree | Neutral | Strongly Agree |
|---|----------------------------|----------------------------|----------------------------|
| k. I nearly had an accident while hunting because of crowded conditions. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| l. There were adequate law enforcement patrols around my favorite hunting area. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| m. The noise of other hunters reduced my enjoyment. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| n. I did not hunt in my favorite area because of crowded conditions. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| o. I stayed away from my favorite area on certain days because there were too many other hunters. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |
| p. If I had known that it was going to be that crowded in my favorite area, I would not have hunted at all. | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 |

36. *On your most crowded 2001-02 DEER (gun) hunting trip, how often, on average, were you in sight of other hunters?*

| | | | |
|-------------------------------------|--|-------------------------------------|--|
| Never <input type="checkbox"/> 1 | Occasionally <input type="checkbox"/> 2 | Often <input type="checkbox"/> 3 | Very Often <input type="checkbox"/> 4 |
|-------------------------------------|--|-------------------------------------|--|

How did this affect your enjoyment?

| | | |
|---|---|---|
| Added to my Enjoyment <input type="checkbox"/> 1 | No Effect <input type="checkbox"/> 2 | Detracted from my Enjoyment <input type="checkbox"/> 3 |
|---|---|---|

37. *On your most crowded 2001-02 DEER (gun) hunting trip, how often, on average, did you have to maneuver to avoid contact with other hunters?*

| | | | |
|-------------------------------------|--|-------------------------------------|--|
| Never <input type="checkbox"/> 1 | Occasionally <input type="checkbox"/> 2 | Often <input type="checkbox"/> 3 | Very Often <input type="checkbox"/> 4 |
|-------------------------------------|--|-------------------------------------|--|

How did this affect your enjoyment?

| | | |
|---|---|---|
| Added to my Enjoyment <input type="checkbox"/> 1 | No Effect <input type="checkbox"/> 2 | Detracted from my Enjoyment <input type="checkbox"/> 3 |
|---|---|---|

38. *On your most crowded 2001-02 DEER (gun) hunting trip, how often, on average, did you hear the sound of other hunters?*

| | | | |
|-------------------------------------|--|-------------------------------------|--|
| Never <input type="checkbox"/> 1 | Occasionally <input type="checkbox"/> 2 | Often <input type="checkbox"/> 3 | Very Often <input type="checkbox"/> 4 |
|-------------------------------------|--|-------------------------------------|--|

How did this affect your enjoyment?

| | | |
|---|---|---|
| Added to my Enjoyment <input type="checkbox"/> 1 | No Effect <input type="checkbox"/> 2 | Detracted from my Enjoyment <input type="checkbox"/> 3 |
|---|---|---|

39. How important to you are each of the following elements of your DEER (GUN) experience?

| | Extremely Important | Very Important | Somewhat Important | Neutral | Somewhat Unimportant | Unimportant | Not at All Important |
|--|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| a. discussing personal matters with close friends | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| b. disengaging from everyday social roles | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| c. thinking through personal matters and concerns | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| d. resting the mind from anxiety and mental fatigue | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| e. limiting communication with individuals who are not close friends | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| f. releasing physical tension | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| g. communicating with a few friends | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| h. limiting visual and verbal interaction with strangers | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| i. maintaining my sense of individuality | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| j. thinking about/planning coming events | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| k. experiencing a period of personal autonomy | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| l. sharing confidences with those I trust | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| m. developing a sense of independence | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| n. an emotional release from everyday life | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| o. recovering from troubled or depressing moments in my life | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| p. reflecting upon past experiences | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| q. development of individuality concerning personal and spiritual concerns | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| r. releasing psychological stress | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| s. returning to a simpler life | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| t. regrouping my thoughts | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| u. reflecting on my lifetime goals | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |
| v. being alone with my thoughts and feelings | <input type="checkbox"/> 1 | <input type="checkbox"/> 2 | <input type="checkbox"/> 3 | <input type="checkbox"/> 4 | <input type="checkbox"/> 5 | <input type="checkbox"/> 6 | <input type="checkbox"/> 7 |

In the following section, we would like to know about the types of land on which you hunt.

40. In the spaces below, please indicate the number of days you hunted DEER (GUN) on each of the following land types during the 2001-02 season. If you did not hunt on a particular type of land, place a zero (0) in the space.

| | |
|--|--|
| <input type="checkbox"/> National Forest Lands | <input type="checkbox"/> Military Lands |
| <input type="checkbox"/> State Wildlife Management Areas | <input type="checkbox"/> Hunt Club(s) [on leased private land] |
| <input type="checkbox"/> Private Land (excluding hunt club or leased land) | <input type="checkbox"/> Hunt Club(s) [on leased corporate land] |
| <input type="checkbox"/> Corporate Land (excluding hunt club or leased land) | <input type="checkbox"/> Other (please specify) _____ |

41. Do you own land suitable for hunting?

No (If no, skip to question #50) Yes If yes, how many acres? _____ acres

42. Do you or other members of your family hunt on your land?

No Yes If yes, how many people? _____

43. Do you allow anyone outside of your family to hunt on your land?

No Yes If yes, how many people? _____ (If yes, skip to question #45)

44. We would like to know the basic reasons why you do not allow others to hunt on your property. Please indicate your level of agreement with each of the following statements.

I do not allow others to hunt on my land because:

| | Strongly Disagree | Neutral | Strongly Agree |
|--|--|---------|-------------------|
| a. I am concerned about being sued if hunters are injured on my property. | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | |
| b. I am concerned about being held legally liable for accidents. | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | |
| c. I am concerned about the behavior and ethics of other hunters. | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | |
| d. There is no financial incentive (e.g., tax breaks, direct payment) to allow hunting. | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | |
| e. I want to reserve the exclusive rights to hunt on my property for myself and those close to me. | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | |
| f. I do not want to be bothered by hunters on my property. | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | |
| g. Other (please specify) _____ | <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | |

45. Have you ever received habitat management recommendations on your land from any of the following? (✓ all that apply)

- | | |
|--|---|
| <input type="checkbox"/> County Forester | <input type="checkbox"/> Private Consultant |
| <input type="checkbox"/> County Extension Agent | <input type="checkbox"/> Seed and Feed Store Salesman |
| <input type="checkbox"/> Soil and Water Conservation District personnel | <input type="checkbox"/> Other Landowners |
| <input type="checkbox"/> NRCS District conservationist | <input type="checkbox"/> Other (please specify) _____ |
| <input type="checkbox"/> Wildlife Biologist from the Department of Game and Inland Fisheries | |

46. If you received recommendations from a Wildlife Biologist, how many of the recommendations have you implemented?

- All Most Some Few None

47. Would you be interested in receiving habitat advice in the future?

- No (If no, skip to question #50)
 Yes If yes, how would you prefer to receive habitat advice? (✓ only one)
 On-site field visit Online (E-mail or World Wide Web)
 Written information (e.g., brochures) Other (please specify) _____
 Telephone conversation

48. For which of the following species are you interested in improving habitat? (✓ up to 3 species)

- | | | |
|--|-------------------------------------|---|
| <input type="checkbox"/> Bear | <input type="checkbox"/> Furbearers | <input type="checkbox"/> Turkey |
| <input type="checkbox"/> Deer | <input type="checkbox"/> Quail | <input type="checkbox"/> Waterfowl |
| <input type="checkbox"/> Dove | <input type="checkbox"/> Rabbit | <input type="checkbox"/> Woodcock |
| <input type="checkbox"/> Grouse | <input type="checkbox"/> Squirrel | <input type="checkbox"/> Other (please specify) _____ |
| <input type="checkbox"/> Non-game species (e.g., songbirds, butterflies, amphibians) | | |

49. With which of these conservation programs are you familiar or have you participated? (✓ all that apply)

| | Familiar with program | Participated in program |
|--|--------------------------|--------------------------|
| Conservation Reserve Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Conservation Reserve Enhancement Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Wildlife Habitat Incentives Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Forest Landowner Incentive Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Wetland Reserve Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Farmland Reserve Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Grassland Reserve Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Environmental Quality Incentives Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Conservation Security Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Forest Stewardship | <input type="checkbox"/> | <input type="checkbox"/> |
| Reforestation of Timberland | <input type="checkbox"/> | <input type="checkbox"/> |
| Partners for Fish and Wildlife | <input type="checkbox"/> | <input type="checkbox"/> |
| Landowner Incentives Program | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia Agricultural BMP Program | <input type="checkbox"/> | <input type="checkbox"/> |

The following questions are about **you**. Please remember, all responses will be kept strictly confidential.

50. How old are you? _____ years

51. What is your gender? Male Female

52. What is your current marital status?

Never Married Married Divorced Separated Widowed

53. What is your race/ethnicity? (✓ all that apply)

White/Caucasian American Indian, Eskimo or Aleut Latino

Black/African American Asian or Pacific Islander Other (please specify) _____

54. How many children do you have (including adult children), what are their ages and genders, and have you/do you plan to introduce them to hunting?

| | Age | Gender | | Introduced to Hunting | |
|----------|-----------------|-------------------------------|---------------------------------|-----------------------------|------------------------------|
| Child #1 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |
| Child #2 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |
| Child #3 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |
| Child #4 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |
| Child #5 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |
| Child #6 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |
| Child #7 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |
| Child #8 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |
| Child #9 | _____ years old | <input type="checkbox"/> Male | <input type="checkbox"/> Female | <input type="checkbox"/> No | <input type="checkbox"/> Yes |

55. In what type of area do you currently reside? (✓ only one)

- Farm
- Rural, but no farm
- Town (less than 50,000 in population)
- Suburban (adjacent to city over 50,000 in population)
- Urban (city over 50,000 in population)

56. Where did you reside as a child? (✓ only one)

- Farm
- Rural, but no farm
- Town (less than 50,000 in population)
- Suburban (adjacent to city over 50,000 in population)
- Urban (city over 50,000 in population)

Thank you for taking the time to complete this survey. Your answers are very important to the successful management of wildlife in Virginia. If you have questions regarding the study or this questionnaire, please contact the Center for Recreation and Tourism Research and Policy at (703) 993-2073.

PLEASE FOLD THE QUESTIONNAIRE,
PLACE IT IN THE RETURN ENVELOPE, AND
RETURN IT TO US AS SOON AS POSSIBLE.

THANKS AGAIN!

Hunter Survey
Center for Recreation and Tourism Research and Policy
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