

**VIRGINIA SURVEY
OF
HUNTER HARVEST, EFFORT AND ATTITUDES**

1994-95



By:

**Brett A. Wright, Ph.D.
Center for Recreation Resources Policy
George Mason University**

&

**Michael R. McFarland, Senior
Parks, Recreation & Leisure Studies
George Mason University**

**Virginia Department of Game and Inland Fisheries
January 1996**

**VIRGINIA SURVEY OF HUNTER HARVEST, EFFORT
AND ATTITUDES
1994-95**

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

by

**Center for Recreation Resources Policy
George Mason University
Fairfax, Virginia
Brett A. Wright, Director**

January, 1996

Contributors

Brett A. Wright, Ph.D. was the Principal Investigator and is Director of GMU's Center for Recreation Resources Policy.

Michael R. McFarland, Senior Parks, Recreation and Leisure Studies Student, was the Project Director in charge of day-to-day operations and management, with a responsibility for computer applications and compilation of all data into the various tables which illustrate the study.

Amanda N. MaKay, Senior Parks, Recreation and Leisure Studies Student, was responsible for data coding and assisted in data analyses.

Wendy Slothower, Senior Parks, Recreation and Leisure Studies Student, was responsible for data collection and assisted in data analyses.

David E. Steffen, M.S. served as liaison and consultant to the study and is Forest Wildlife Program Manager, Virginia Dept. of Game and Inland Fisheries, Vinton, VA.

Acknowledgments

The authors would like to express their appreciation to the many people who assisted in the conduct of this study. They are: Lynn Sikora, Sharon Toler, Becky Wood, Francis Boswell, Rick Busch, Judith Cleek, Bob Duncan, Bob Ellis, Gary Norman, Lisa Raines, Ariana Lee, Mike Amabruzzino, Patty Moore, Lee Watts, Rick Busch, David Sausville, Steve Slusser, and Irv Kenyon. Without their dedication and perseverance, this study would not have been possible.

*This publication was funded in part by funds provided
by
Pittman-Robertson Federal Aid to Wildlife Restoration
Project-WE99R*

Table of Contents

Contributors	ii
List of Tables	iv
Introduction	1
Methods	1
Generation of the Sample	1
Development of Survey Instrument	2
Administration of the Survey	3
Response Rate	3
Data Analysis	3
Results	4
Notes	4
References	63
Appendix	64

List of Tables

<u>Table</u>		<u>Page</u>
1	1993-1994 Hunting Population and Survey Sample Statistics	2
2	Distribution of Hunting License Holders Among Three License Categories, 1994-95	3
3	Expanded Statewide Summary of the 1994-95 Virginia Survey of Game Harvest Based on 291,901 License Holders	7
4	Expanded Statewide Estimates of Total Harvest (with Standard Errors) for Virginia Game Species During 1994-95	8
5	Expanded Statewide and Regional Summaries of DOVE Hunting in Virginia During the 1994-95 Hunting Season	9
6	Expanded Statewide and Regional Summaries of QUAIL Hunting in Virginia During the 1994-95 Hunting Season	10
7	Expanded Statewide and Regional Summaries of WOODCOCK Hunting in Virginia During the 1994-95 Hunting Season	11
8	Expanded Statewide and Regional Summaries of RUFFED GROUSE Hunting in Virginia During the 1994-95 Hunting Season	12
9	Expanded Statewide and Regional Summaries of CROW Hunting in Virginia During the 1994-95 Hunting Season	13
10	Expanded Statewide and Regional Summaries of RABBIT Hunting in Virginia During the 1994-95 Hunting Season	14
11	Expanded Statewide and Regional Summaries of GRAY SQUIRREL Hunting in Virginia During the 1994-95 Hunting Season	15
12	Expanded Statewide and Regional Summaries of FOX SQUIRREL Hunting in Virginia During the 1994-95 Hunting Season	16
13	Expanded Statewide and Regional Summaries of GROUNDHOG/WOODCHUCK Hunting in Virginia During the 1994-95 Hunting Season	17
14	Expanded Statewide and Regional Summaries of ARCHERY DEER Hunting in Virginia During the 1994-95 Hunting Season	18

<u>Table</u>		<u>Page</u>
15	Expanded Statewide and Regional Summaries of ARCHERY DEER (BUCK) Hunting in Virginia During the 1994-95 Hunting Season	19
16	Expanded Statewide and Regional Summaries of ARCHERY DEER (DOE) Hunting in Virginia During the 1994-95 Hunting Season	20
17	Expanded Statewide and Regional Summaries of MUZZLELOADER DEER Hunting in Virginia During the 1994-95 Hunting Season	21
18	Expanded Statewide and Regional Summaries of MUZZLELOADER DEER (BUCK) Hunting in Virginia During the 1994-95 Hunting Season	22
19	Expanded Statewide and Regional Summaries of MUZZLELOADER DEER (DOE) Hunting in Virginia During the 1994-95 Hunting Season	23
20	Expanded Statewide and Regional Summaries of GUN DEER Hunting in Virginia During the 1994-95 Hunting Season	24
21	Expanded Statewide and Regional Summaries of GUN DEER (BUCK) Hunting in Virginia During the 1994-95 Hunting Season	25
22	Expanded Statewide and Regional Summaries of GUN DEER (DOE) Hunting in Virginia During the 1994-95 Hunting Season	26
23	Expanded Statewide Summary of TOTAL DEER Hunting in Virginia During the 1994-95 Hunting Season	27
24	Expanded Statewide Summary of TOTAL DEER (BUCKS) Hunting in Virginia During the 1994-95 Hunting Season	27
25	Expanded Statewide Summary of TOTAL DEER (DOES) Hunting in Virginia During the 1994-95 Hunting Season	27
26	Expanded Statewide and Regional Summaries of SPRING TURKEY (1994) Hunting in Virginia During the 1994-95 Hunting Season	28
27	Expanded Statewide and Regional Summaries of FALL TURKEY (1994) Hunting in Virginia During the 1994-95 Hunting Season	29
28	Expanded Statewide and Regional Summaries of SPRING TURKEY (1995) Hunting in Virginia During the 1994-95 Hunting Season	30

<u>Table</u>		<u>Page</u>
29	Expanded Statewide Summary of BEAR (ARCHERY) Hunting in Virginia During the 1994-95 Hunting Season	31
30	Expanded Statewide Summary of GUN BEAR (NO DOGS) Hunting in Virginia During the 1994-95 Hunting Season	32
31	Expanded Statewide Summary of GUN BEAR (DOGS) Hunting in Virginia During the 1994-95 Hunting Season	33
32	Expanded Statewide Summary of TOTAL BEAR Hunting in Virginia During the 1994-95 Hunting Season	34
33	Expanded Statewide Summary of BEAR (GUN) Hunting in Virginia During the 1994-95 Hunting Season	34
34	Expanded Statewide and Regional Summaries of TOTAL DUCK Hunting in Virginia During the 1994-95 Hunting Season	35
35	Expanded Statewide and Regional Summaries of MALLARD DUCK Hunting in Virginia During the 1994-95 Hunting Season	36
36	Expanded Statewide and Regional Summaries of WOOD DUCK Hunting in Virginia During the 1994-95 Hunting Season	37
37	Expanded Statewide and Regional Summaries of BLACK DUCK Hunting in Virginia During the 1994-95 Hunting Season	38
38	Expanded Statewide and Regional Summaries of ALL OTHER DUCKS Hunting in Virginia During the 1994-95 Hunting Season	39
39	Expanded Statewide and Regional Summaries of GOOSE (SEPT.) Hunting in Virginia During the 1994-95 Hunting Season	40
40	Expanded Statewide and Regional Summaries of GOOSE (NOV.-JAN.) Hunting in Virginia During the 1994-95 Hunting Season	41
41	Expanded Statewide and Regional Summaries of RED FOX Hunting in Virginia During the 1994-95 Hunting Season	42
42	Expanded Statewide and Regional Summaries of GRAY FOX Hunting in Virginia During the 1994-95 Hunting Season	43

<u>Table</u>		<u>Page</u>
43	Expanded Statewide and Regional Summaries of COYOTE Hunting in Virginia During the 1994-95 Hunting Season	44
44	Expanded Statewide and Regional Summaries of RACCOON Hunting in Virginia During the 1994-95 Hunting Season	45
45	Expanded Statewide and Regional Summaries of BOBCAT Hunting in Virginia During the 1994-95 Hunting Season	46
46	Expanded Statewide Summary of TOTAL SQUIRREL Hunting in Virginia During the 1994-95 Hunting Season	47
47	Expanded Statewide Summary of TOTAL GOOSE Hunting in Virginia During the 1994-95 Hunting Season	47
48	Percent of Hunters who Hunted on STATE WILDLIFE MGMT. AREAS During 1994-95 and Mean Number of Days Hunted.	47
49	Perceptions of Hunters Regarding HUNTING ON WILDLIFE MGMT. AREAS During 1994-95	48
50	Perceptions of Fall Turkey Hunters Regarding OVERALL QUALITY OF FALL TURKEY HUNTING During 1994	48
51	Perceptions of Spring Turkey Hunters Regarding OVERALL QUALITY OF SPRING TURKEY HUNTING During 1995	48
52	Perceptions of Deer Hunters Regarding OVERALL QUALITY OF DEER HUNTING During 1994-95	48
53	Perceptions of Bear Hunters Regarding THE IMPORTANCE OF SELECTED HUNTING SEASONS	49
54	Preferences of Rabbit Hunters Regarding SEASON CLOSING DATES	49
55	Perceptions of Rabbit Hunters Regarding REASONS THEY OPPOSED/STRONGLY OPPOSED FEBRUARY CLOSING DATES	49
56	Perceptions of Dove Hunters Regarding DIFFICULTY LOCATING PLACES TO HUNT in 1994-95	50

<u>Table</u>		<u>Page</u>
57	Perceptions of Dove Hunters Regarding TRENDS IN DOVE POPULATIONS OVER THE PAST 10 YEARS	50
58	Perceptions of Grouse Hunters Regarding TRENDS IN RUFFED GROUSE POPULATIONS OVER THE PAST 10 YEARS	50
59	Perceptions of Grouse Hunters Regarding IMPORTANCE OF SELECTED BARRIERS TO HUNTING RUFFED GROUSE	51
60	Statewide and Regional Distribution of RUFFED GROUSE HUNTING ACROSS EIGHT TYPES OF LAND During the 1994-95 Hunting Season	52
61	Statewide and Regional Summaries of PREFERENCES FOR 121-DAY CROW SEASONS	52
62	Perceptions of Deer (Gun) Hunters Regarding TRENDS IN DEER POPULATIONS IN THE AREA THEY HUNTED in 1994	52
63	Opinions of Deer (Gun) Hunters Regarding THE APPROPRIATE NUMBER OF DOE DAYS	53
64	Mean Rankings of Deer (Gun) Hunters Regarding THE MOST PREFERRED METHODS OF REDUCING BUCK HARVEST	53
65	Statewide and Regional Distribution of DEER (GUN) HUNTING ACROSS EIGHT TYPES OF LAND During the 1994-95 Hunting Season	53
66	Statewide Summary of Respondents' Perceptions Regarding the IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES (1994-95)	54
67	Region 1 Summary of Respondents' Perceptions Regarding the IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES (1994-95)	55
68	Region 2 Summary of Respondents' Perceptions Regarding the IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES (1994-95)	56
69	Region 3 Summary of Respondents' Perceptions Regarding the IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES (1994-95)	57

<u>Table</u>		<u>Page</u>
70	Region 4 Summary of Respondents' Perceptions Regarding the IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES (1994-95)	58
71	Region 5 Summary of Respondents' Perceptions Regarding the IMPORTANCE AND SATISFACTION OF SELECTED FALL TURKEY HUNTING ATTRIBUTES (1994-95)	59
72	Statewide and Regional Summaries of Gun Deer Hunters' Perceptions of THE IMPORTANCE OF SELECTED ATTRIBUTES ASSOCIATED WITH HARVESTING DEER	60
73	Mean Number of ANIMALS SEEN BY ARCHERY DEER HUNTERS in 1994-95 by Region	60
74	Summary of Gun Deer Hunters' Perceptions Regarding BONUS DEER PERMITS	61
75	Miscellaneous Statistics Regarding DOVE & RUFFED GROUSE HUNTING During 1994-95	62

Virginia Survey of Hunter Harvest, Effort and Attitudes 1994-95

The Department of Game and Inland Fisheries, being the agency primarily responsible for managing the state's fish and wildlife resources, depends upon accurate population indices to monitor the health of wildlife species. Various techniques are used annually to establish indices of population numbers. Walking transects, enumerating the presence of species by counting tracks, droppings, etc. within quadrants, and conducting call counts along highways are excellent examples of these techniques (for a detailed analysis of estimating wildlife populations, see Davis and Winstead 1980).

Another group of indices important to wildlife managers involves precise estimates of harvest and hunter efforts. Game harvest surveys collect data which are used to generate indices that can be used to monitor changes in harvest and hunter effort across seasons. These data, in turn, can be used to regulate harvests, evaluate habitat conditions, and monitor various aspects of the socio-economic environment (Steffen, 1987:7).

Although some researchers have attempted to estimate game harvests through unobtrusive observation techniques (see Jackson and Norton, 1979), and some management areas are conducive to conducting counts at check stations, this is not feasible for producing statewide or regional estimates. Therefore, game harvest surveys are typically conducted through the use of mail questionnaires. Filion (1980) provides an excellent overview of the use of human surveys in wildlife management.

The purpose of this study was to:

- (a) develop the procedures and instrumentation to conduct annual game harvest surveys through mail questionnaires;
- (b) estimate game harvest and hunter effort indices for major game and furbearing species in Virginia; and,
- (c) collect and analyze other socio-psychological data deemed important to the agency, such as hunters' satisfaction, attitudes, beliefs, preferences, and constraints.

Methods

Generation of the Sample

A random sample of 5,000 Virginia hunters was drawn from license records maintained by the Administrative Services Division of the Department of Game and Inland Fisheries. A random sampling design was developed to select potential survey participants from these files. All persons who purchased a general state resident hunting license, a county-city license, or a senior license for the 1993-94 season were eligible to be drawn ($N = 291,139$). To ensure the representativeness of the sample, the number of license holders within each of the three categories

was determined and the number of names selected was proportionate to the number of licenses sold (see Table 1).

Consideration was also given to ensuring the representativeness of the sample geographically across the state. The most preferred method would be to select hunters based on where they hunted; but, there was no way to determine the distribution of hunting across the state. The most feasible strategy, then, was to select hunters proportionately, based on where they purchased their license (i.e., if a license agent sold 2% of the total licenses within one of the

Table 1.
1992-1993 Hunting Population and Survey Sample Statistics

	Population	Sample	Pct.
State Resident Licenses	257,687	4425	88.5%
County/City Licenses	20,885	360	7.2%
Senior (65+) Licenses	12,567	215	4.3%
TOTALS	291,139	5,000	100%

three categories, then 100 license holders - 2% of 5,000 - were drawn from that license agent's returned license stubs). The social security number of each hunter selected 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 of all hunters selected. In general, the sampling procedures used in this study were built upon the work described by Steffen (1987) in Mississippi.

Development of Survey Instrument

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

Administration of the Survey

Procedures outlined by Dillman (1978) were employed to collect the data. A questionnaire, a self-addressed prestamped envelope, and a personalized cover letter explaining the importance of the study were mailed to each of the 5,000 study participants. One week after the initial mailing, a post card reminder was sent to each person to encourage early response. Non-respondents to the first mailing were identified and two follow-up mailings were sent, when necessary.

Response Rate

By the end of the data collection period, a total of 340 surveys were returned as undeliverable (persons moved, wrong address given, etc.). They were removed from the original sample. Another 3,279 questionnaires had been returned. Of that total, 493 persons either did not purchase a license in 1994-95 (404 persons) or refused or failed to complete the survey (89 persons), and were subsequently removed from the sample as well. Consequently, a total of 2,786 usable questionnaires were received, resulting in an effective response rate of 66.8% (effective n = 4,167).

Data Analyses

Data from returned questionnaires were entered into a computer file and analyzed using standard statistical techniques. Estimates of state-wide and regional harvests of each species were generated with the level of precision (std. error) of each estimate specified. Estimates were based on the total licenses sold within the three categories (state resident, county/city, and senior) as depicted in Table 2.

Table 2.
Distribution of Hunting License Holders
Among Three License Categories, 1994-95

	Population	Pct.
State Resident Licenses	256,289	87.8%
County/City Licenses	22,476	7.7%
Senior (65+) Licenses	13,136	4.5%
TOTALS	291,901	100%

Regional comparisons were made based on the five regions of Virginia depicted in Figure 1. Please note that regions were renumbered after the 1993-94 study. For a detailed account of the statistical formulas used for specific statewide and regional calculations of estimates and standard errors, readers are encouraged to see Steffen (1987).

Results

Results are provided on the following pages in tabular form. Analyses are segmented into three sections of information. The first section provides estimates and standard errors of harvest and effort for 45 game species (or subpopulations of game animals) during the 1994-95 hunting seasons. Statewide summaries are shown in Tables 3 and 4. Regional estimates are provided in Tables 5-45. The second section assesses hunters' preferences for selected season dates, bag limits and other data pertinent to management of hunting in Virginia. This information is included in Tables 48-71.

The third section of assesses the importance hunters assign to specific attributes of a deer (gun) hunting experience, as well as an evaluation of their actual experiences during the 1994-95 season. The differences found to occur between a hunter's perceptions of how "essential" a particular attribute of a deer hunting experience is (scored as 1 to 7), and how they perceived their actual experiences to have been (also scored 1 to 7), result in a diagnostic evaluation of hunters' satisfaction with deer (gun) hunting during a particular season. As with previous analyses, these data are summarized statewide and regionally in Tables 72-77.

Finally, an assessment of the types of land on which respondents hunted during the 1994-95 season was conducted. The number of days spent hunting on eight different types of land (VDGIF wildlife management areas, national forest, private land, etc.) is presented in the final three tables (Tables 78-80) for two species (ruffed grouse and deer).

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 to remember that they should not be viewed as absolute numbers, especially when comparing these statistics with other statistics from other studies. Rather, the data provided here are only indices of harvest and effort, for use in conjunction with past and future mail surveys to determine trends. Response and non-response biases exist in all survey efforts. However, when care is taken to fully replicate study methods in subsequent studies, biases should be constant, therefore providing indices of trends over time.
2. Total Harvest and Total Man-Days statistics are derived from a formula utilizing the total number of licenses sold for the 1994-95 hunting season ($n=291,901$). However, the statistics reported for Spring Turkey (1994) used a factor of 291,139 since this season was actually

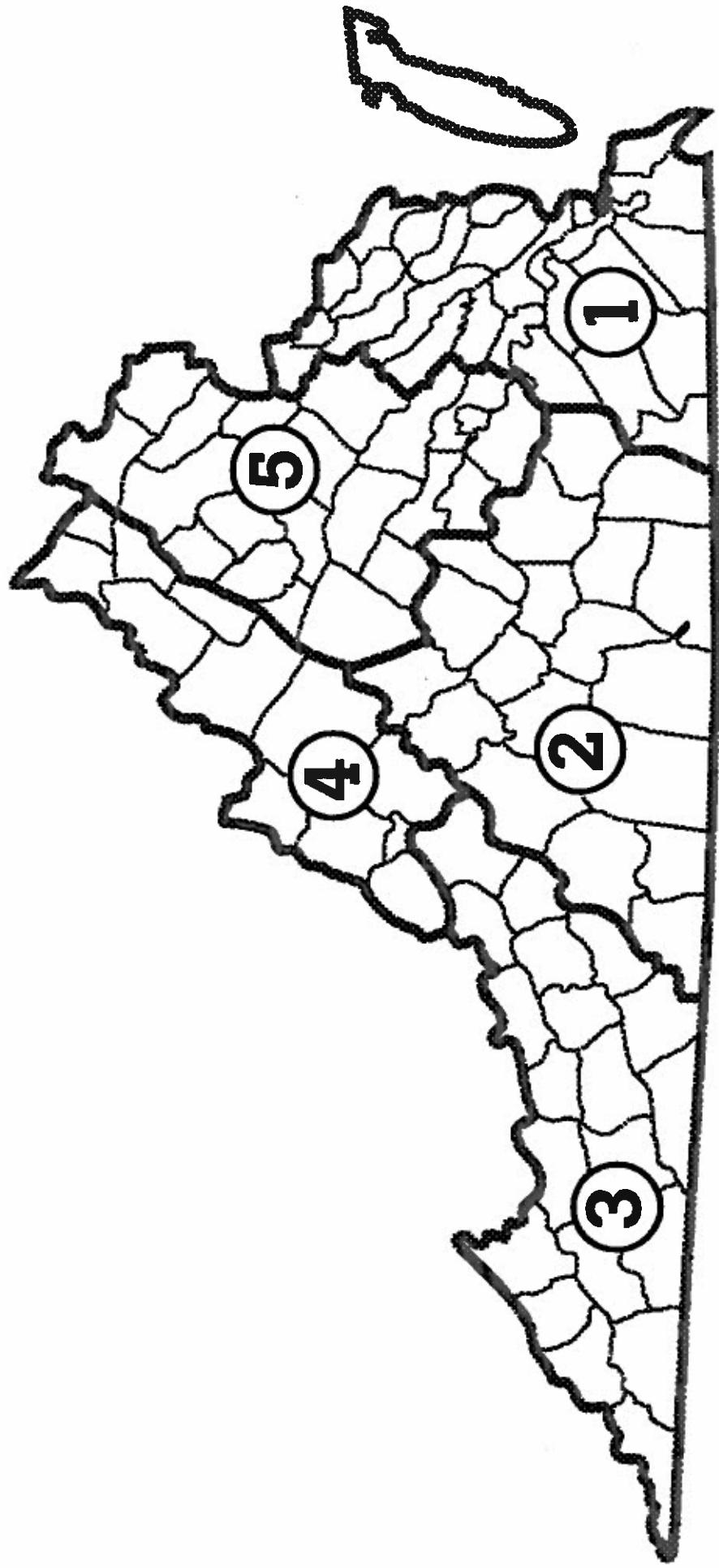


fig. 1

during the 1993-94 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 and missing values.
5. Regions were renumbered between the study reported here and the 1993-94 study. The composition of the regions, however, is consistent between studies. Please refer to the map included as part of the survey instrument, included as Appendix A.
6. Parenthetical notations displayed immediately following table number (e.g., Q24) refer to question numbers in the survey instrument.

LE 3. EXPANDED STATEWIDE SUMMARY OF THE 94-95 VIRGINIA SURVEY OF GAME HARVEST BASED ON 291,901 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
DEER	1,336,919	4.346	18.23	85.4	300,073	4.19	71,561	24.5
ELK	185,136	1.192	6.06	60.8	141,026	5.08	27,765	9.5
ODCOCK	11,630	0.405	1.53	40.8	19,383	3.78	5,134	1.8
FED GROUSE	68,418	0.363	1.87	48.8	176,021	5.15	34,156	11.7
WILSON'S SNipe	321,133	2.493	14.41	84.8	119,966	5.78	20,745	7.1
BITTERN	627,912	1.167	7.39	80.5	504,173	6.33	79,628	27.3
AL SQUIRREL	1,565,956	1.410	11.85	89.9	1,051,933	8.41	125,100	42.9
MAY SQUIRREL	1,392,450	1.641	10.77	89.5	794,398	6.56	121,119	41.5
FOX SQUIRREL	173,506	0.593	3.83	73.9	257,535	6.47	39,814	13.6
JUNDHOG/JACKDAW	532,358	1.053	9.47	89.7	393,008	9.00	43,691	15.0
AL DEER	336,954	0.078	1.32	57.1	4,120,771	16.89	244,019	83.6
ROCK PIGEON	191,737	0.045	0.75	45.1	—	—	—	—
PIGEON	145,217	0.034	0.57	35.3	—	—	—	—
HERON	37,823	0.040	0.45	29.9	857,891	11.02	77,847	26.7
ROCK PIGEON	19,697	0.021	0.23	18.4	—	—	—	—
PIGEON	18,126	0.020	0.22	16.8	—	—	—	—
RELOADER	56,264	0.080	0.57	36.6	690,357	7.17	96,288	33.0
ROCK PIGEON	38,976	0.056	0.40	29.7	—	—	—	—
PIGEON	17,288	0.024	0.17	12.6	—	—	—	—
PIGEON	242,867	0.088	0.96	50.3	2,572,522	10.87	236,685	81.1
ROCK PIGEON	133,063	0.048	0.52	37.6	—	—	—	—
PIGEON	109,804	0.040	0.44	30.4	—	—	—	—
JULY 1994	52,443	0.032	0.40	27.9	971,074	8.01	163,808	41.6
JULY 1994 *	18,706	0.049	0.28	21.3	350,496	5.62	62,387	21.4
JULY 1994	33,737	0.046	0.28	22.8	620,578	6.12	101,421	34.7
JULY 1995	18,761	0.047	0.28	22.2	371,634	5.91	62,865	21.5
JULY 1995 *	1,886	0.009	0.07	4.0	138,931	7.53	18,440	6.3
JULY 1995 *	524	0.013	0.09	1.7	39,395	6.48	6,077	2.1
JULY 1995 *	1,362	0.006	0.04	3.6	99,536	6.93	14,354	4.9
DOGS SEASON	838	0.006	0.02	2.3	32,398	3.58	9,011	3.1
DOGS SEASON	524	0.006	0.06	4.6	67,265	9.88	6,810	2.3
DUCKS	197,395	1.504	10.57	84.6	124,472	7.03	17,707	6.1
DUCKS	73,342	0.566	3.98	64.5	—	—	—	—
DUCKS	48,510	0.380	2.67	52.7	—	—	—	—
DUCKS	21,269	0.160	1.12	27.8	—	—	—	—
OTHERS	54,273	0.398	2.80	32.0	—	—	—	—
QUAIL	33,737	0.581	2.68	57.9	55,006	4.61	11,944	4.1
QUAIL	6,391	0.659	1.38	38.5	8,592	2.10	4,086	1.4
QUAIL	27,346	0.558	2.45	54.5	46,415	4.39	10,582	3.6
FOX	17,497	0.202	1.37	61.1	63,703	6.76	9,430	3.2
FOX	16,554	0.193	1.29	60.3	54,902	6.72	8,172	2.8
FOX	2,096	0.036	0.38	28.6	23,469	10.67	2,200	0.8
FOX	128,139	0.331	6.58	81.9	322,810	19.88	16,240	5.6
FOX	2,410	0.029	0.24	78.0	35,728	8.32	4,296	1.5
TOTAL LICENSES '93-'94								

LE 4. EXPANDED STATEWIDE ESTIMATES OF TOTAL HARVEST (WITH STD ERRORS) FOR VIRGINIA GAME SPECIES DURING 94-95.

SPECIES	TOTAL HARVEST	STANDARD ERROR		95% CONFIDENCE INTERVAL	
		SE	AS % OF TOTAL *	LOWER LIMIT	UPPER LIMIT
DEER	1,336,919	72,729	5.4	1,191,462	1,482,376
ELK	185,136	24,575	13.3	135,987	234,285
ODCOCK	11,630	2,738	23.5	6,154	17,105
PED GROUSE	68,418	9,877	14.4	48,663	88,172
WOOD TURTLE	321,133	68,936	21.5	183,261	459,006
BITTERN	627,912	38,223	6.1	551,467	704,357
AL SQUIRREL	1,565,956	58,047	3.7	1,449,862	1,682,049
GRAY SQUIRREL	1,392,450	52,087	3.7	1,288,275	1,496,624
FOX SQUIRREL	173,506	14,390	8.3	144,725	202,287
UNDHOG/ODCHUCK	532,358	45,697	8.6	440,964	623,752
WHITE-TAILED DEER	336,954	9,779	2.9	317,397	356,511
BLACK BUCK	191,737	5,831	3.0	180,075	203,398
BUCK	145,217	5,607	3.9	134,004	156,430
HERON	37,823	2,816	7.4	32,191	43,456
BLACK BUCK	19,697	1,707	8.7	16,283	23,112
BUCK	18,126	1,748	9.6	14,629	21,622
FILELOADER	56,264	3,929	7.0	48,406	64,121
BLACK BUCK	38,976	2,520	6.5	33,936	44,016
BUCK	17,288	2,284	13.2	12,719	21,857
BUCK	242,867	7,179	3.0	228,508	257,225
BLACK BUCK	133,063	4,304	3.2	124,455	141,672
BUCK	109,804	4,320	3.9	101,163	118,444
BIRDS 1994	52,443	3,891	7.4	44,661	60,225
BIRDS 1994 **	18,706	1,720	9.2	15,265	22,147
BIRDS 1994	33,737	2,175	6.4	29,387	38,087
BIRDS 1995	18,761	1,746	9.3	15,269	22,254
WHITE BEAR	1,886	694	36.8	498	3,274
BLACK BEAR	524	524	100.0	0	1,572
WHITE BEAR	1,362	456	33.5	450	2,274
DOGS BEAR	838	331	39.5	176	1,500
BLACK BEAR	524	277	52.9	0	1,078
WHITE DUCKS	197,395	25,787	13.1	145,821	248,968
WHITE MALLARD	73,342	11,165	15.2	51,011	95,672
WHITE DOVE	48,510	7,028	14.5	34,454	62,567
WHITE PIG	21,269	4,075	19.2	13,119	29,420
OTHERS	54,273	11,656	21.5	30,961	77,585
WHITE GEESE	33,737	6,218	18.4	21,301	46,173
WHITE TERN	6,391	1,802	28.2	2,787	9,995
WHITE JAVAN	27,346	5,383	19.7	16,580	38,112
WHITE FOX	17,497	3,135	17.9	11,227	23,767
WHITE FOX	16,554	3,061	18.5	10,433	22,675
WHITE TURTLE	2,096	678	32.4	739	3,452
WHITE COON	128,139	18,103	14.1	91,933	164,345
WHITE CAT	2,410	543	22.5	1,325	3,495

* = 100(SE/TOTAL HARVEST)

** = 201,139 TOTAL LICENSES '93-'94

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	
									LICENSEEES	TOTAL
1	ESTIMATE	435,966	4.844	19.08	86	87,906	3.94	22,317	31.3	31.3
	(SE)	42,815	0.344	1.43	2	8,157	0.26	1,470	1.8	1.8
	N	2,786	213	213	213	2,786	213	2,786	681	681
2	ESTIMATE	384,731	3.977	19.31	90	95,659	4.86	19,698	27.6	27.6
	(SE)	36,824	0.380	1.28	2	10,832	0.43	1,388	1.7	1.7
	N	2,786	188	188	188	2,786	188	2,786	681	681
3	ESTIMATE	101,736	4.370	17.09	80.4	22,945	3.91	5,867	8.2	8.2
	(SE)	33,140	0.828	5.22	5.4	4,721	0.62	776	1.1	1.1
	N	2,786	56	56	56	2,786	56	2,786	681	681
4	ESTIMATE	137,149	4.544	18.24	84.5	29,861	4.01	7,439	10.4	10.4
	(SE)	23,729	0.420	2.38	4.3	4,895	0.46	872	1.2	1.2
	N	2,786	71	71	71	2,786	71	2,786	681	681
5	ESTIMATE	243,076	3.817	14.17	81.7	59,512	3.71	16,030	22.5	22.5
	(SE)	26,681	0.317	1.12	3.1	7,080	0.33	1,260	1.6	1.6
	N	2,786	153	153	153	2,786	153	2,786	681	681
PERCENT OF TOTAL LICENSEEES										
STATEWIDE	ESTIMATE	1,336,919	4.346	18.23	85.4	300,073	4.19	71,561	24.5	24.5
	(SE)	72,729	0.194	0.80	1.4	16,143	0.18	2,379	0.8	0.8
	N	2,786	683	683	683	2,786	683	2,786	2,786	2,786

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	
									LICENSEEES	TOTAL
1	ESTIMATE	81,619	1,493	9.68	72.2	48,930	6.49	7,544	26.2	
	(SE)	19,633	0.308	2.32	5.3	9,966	1.09	878	2.7	
	N	2,786	72	72	72	2,786	72	2,786	27.5	
2	ESTIMATE	65,065	1,177	6.90	66.3	51,025	5.87	8,696	30.2	
	(SE)	13,054	0.162	1.30	5.2	8,131	0.69	940	2.8	
	N	2,786	83	83	83	2,786	83	2,786	27.5	
3	ESTIMATE	10,058	0.483	2.06	41.2	15,192	4.26	3,562	12.4	
	(SE)	3,549	0.206	0.85	8.6	3,593	0.71	607	2.0	
	N	2,786	34	34	34	2,786	34	2,786	27.5	
4	ESTIMATE	8,382	1,082	2.12	36.0	5,134	1.96	2,619	9.1	
	(SE)	2,986	0.528	0.93	9.8	1,414	0.38	522	1.7	
	N	2,786	25	25	25	2,786	25	2,786	27.5	
5	ESTIMATE	31,432	1,066	3.97	59.0	23,784	3.72	6,391	22.2	
	(SE)	6,940	0.176	0.80	6.3	4,893	0.61	809	2.5	
	N	2,786	61	61	61	2,786	61	2,786	27.5	
PERCENT OF TOTAL										
LICENSEEES										
STATEWIDE	ESTIMATE	185,136	1,192	6.06	60.8	141,026	5.08	27,765	9.5	
	(SE)	24,575	0.126	0.79	3.0	13,990	0.41	1,623	0.6	
	N	2,786	265	265	265	2,786	265	2,786	2.786	

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION	
									AVERAGE	SUMMARY
1	ESTIMATE	4,400	0.333	1.07	53.3	5,029	3.20	1,572	22.4	
	(SE)	1,538	0.121	0.32	13.3	1,813	0.83	405	5.1	
	N	2,786	15	15	15	2,786	15	2,786	67	
2	ESTIMATE	5,868	0.256	1.57	42.9	9,011	6.14	1,467	20.9	
	(SE)	1,859	0.129	0.59	13.7	3,550	1.85	391	5.0	
	N	2,786	14	14	14	2,786	14	2,786	67	
3	ESTIMATE	4,400	0.271	1.33	25.0	6,182	4.92	1,257	17.9	
	(SE)	1,964	0.214	1.08	13.1	2,696	1.68	362	4.7	
	N	2,786	12	12	12	2,786	12	2,786	67	
4	ESTIMATE	4,400	0.500	1.36	36.4	3,143	2.73	1,153	16.4	
	(SE)	1,777	0.360	0.90	15.2	1,341	0.86	347	4.6	
	N	2,786	11	11	11	2,786	11	2,786	67	
5	ESTIMATE	4,191	0.400	0.93	40.0	3,667	2.33	1,572	22.4	
	(SE)	1,587	0.216	0.43	13.1	1,361	0.64	405	5.1	
	N	2,786	15	15	15	2,786	15	2,786	67	
STATEWIDE	ESTIMATE	11,630	0.405	1.53	40.8	19,383	3.78	5,134	1.8	
	(SE)	2,738	0.121	0.39	7.1	4,547	0.71	727	0.2	
	N	2,786	49	49	49	2,786	49	2,786	2,786	

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	4,086	0.353	1.50	50.0	7,125	4.25	1,676	4.6
	(SE)	1,678	0.096	0.55	12.9	2,454	1.04	418	1.1
	N	2,786	16	16	16	2,786	16	2,786	345
2	ESTIMATE	7,439	0.326	1.14	42.9	18,021	3.51	5,134	14.2
	(SE)	2,014	0.067	0.26	7.1	3,352	0.43	727	1.9
	N	2,786	49	49	49	2,786	49	2,786	345
3	ESTIMATE	39,186	0.412	2.63	57.1	89,058	6.39	13,935	38.6
	(SE)	8,711	0.071	0.58	4.3	11,251	0.60	1,179	2.6
	N	2,786	133	133	133	2,786	133	2,786	345
4	ESTIMATE	16,449	0.268	1.17	42.2	53,120	4.37	12,154	33.6
	(SE)	2,927	0.037	0.19	4.6	8,269	0.55	1,105	2.5
	N	2,786	116	116	116	2,786	116	2,786	345
5	ESTIMATE	6,810	0	1.58	39	12,887	3.97	3,248	9.0
	(SE)	2,271	0.148	0.51	8.9	3,414	0.79	580	1.5
	N	2,786	31	31	31	2,786	31	2,786	345
PERCENT OF TOTAL LICENSEES									
STATEWIDE	ESTIMATE	68,418	0.363	1.87	48.8	176,021	5.15	34,156	11.7
	(SE)	9,877	0.042	0.27	2.8	14,906	0.34	1,778	0.6
	N	2,786	326	326	326	2,786	326	2,786	2,786

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	49,977	1,849	852	78.3	22,212	4.61	4,820	19.5	
	(SE)	13,430	0.391	2.40	6.1	5,592	0.95	705	2.6	
	N	2,786	46	46	46	2,786	46	2,786	236	
2	ESTIMATE	135,054	3,005	16.46	88.7	40,757	5.48	7,439	30.1	
	(SE)	40,833	0.764	5.13	3.8	8,025	0.87	872	3.0	
	N	2,786	71	71	71	2,786	71	2,786	236	
3	ESTIMATE	83,400	3.013	15.32	78.7	25,041	5.09	4,924	19.9	
	(SE)	50,734	1.936	10.14	6.0	7,027	1.24	712	2.6	
	N	2,786	47	47	47	2,786	47	2,786	236	
4	ESTIMATE	42,119	2,000	9.47	85.3	16,869	4.74	3,562	14.4	
	(SE)	11,553	0.498	2.66	6.2	4,627	1.03	607	2.3	
	N	2,786	34	34	34	2,786	34	2,786	236	
5	ESTIMATE	54,378	1.509	10.84	89.5	28,603	7.13	3,981	16.1	
	(SE)	16,989	0.406	3.75	5.0	7,766	1.59	642	2.4	
	N	2,786	38	38	38	2,786	38	2,786	236	
STATEWIDE	ESTIMATE	321,133	2.493	14.41	84.8	119,966	5.78	20,745	7.1	
	(SE)	68,936	0.502	3.17	2.6	14,732	0.59	1,421	0.5	
	N	2,786	196	198	198	2,786	198	2,786	236	

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	120,281	1,127	6,70	76.1	96,497	5.94	16,240	20.3	20.3
	(SE)	15,372	0,120	0.77	3.4	13,158	0.67	1,268	1.5	1.5
	N	2,786	155	155	155	2,786	155	2,786	764	764
2	ESTIMATE	193,413	1,236	8.17	81.1	142,703	6.61	21,583	27.0	27.0
	(SE)	23,849	0,116	0.93	2.7	16,179	0.61	1,447	1.6	1.6
	N	2,786	206	206	206	2,786	206	2,786	764	764
3	ESTIMATE	124,681	1,067	6.66	79.9	107,289	6.24	17,183	21.5	21.5
	(SE)	14,487	0,116	0.66	3.1	12,381	0.55	1,302	1.5	1.5
	N	2,786	164	164	164	2,786	164	2,786	764	764
4	ESTIMATE	85,391	1,187	6.75	74.8	66,113	5.68	11,630	14.5	14.5
	(SE)	17,758	0,239	1.39	4.1	10,960	0.78	1,082	1.3	1.3
	N	2,786	111	111	111	2,786	111	2,786	764	764
5	ESTIMATE	88,953	0,986	5.95	75.8	80,991	6.04	13,411	16.8	16.8
	(SE)	12,494	0,130	0.76	3.8	11,851	0.72	1,158	1.4	1.4
	N	2,786	128	128	128	2,786	128	2,786	764	764
PERCENT OF TOTAL LICENSEES										LICENSEES
STATEWIDE										LICENSEES
ESTIMATE										LICENSEES
STATEWIDE										LICENSEES
ESTIMATE										LICENSEES

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	SEASONAL DAYS HUNTING	TOTAL HUNTERS	AVERAGE		PERCENT HUNTERS PER REGION																			
									ESTIMATE	(SE)	N	ESTIMATE	(SE)	N	ESTIMATE	(SE)	N	ESTIMATE	(SE)	N	ESTIMATE	(SE)	N	PERCENT OF TOTAL LICENSEES						
1	ESTIMATE	223,798	1.928	10.75	89.6	106,870	5.57	19,174	15.8	15.8	15.8	21,609	0.140	0.80	2.3	10,734	0.39	1,370	1.1	1.1	1.1	2,786	183	183	2,786	1160	1160			
2	ESTIMATE	383,474	1.520	11.76	88.7	237,523	7.74	30,699	25.3	25.3	25.3	32,457	0.091	0.82	1.9	21,649	0.56	1,697	1.3	1.3	1.3	2,786	293	293	2,786	1160	1160			
3	ESTIMATE	319,771	1.515	10.50	90.8	197,499	6.93	28,499	23.4	23.4	23.4	26,065	0.089	0.66	1.8	17,903	0.49	1,642	1.2	1.2	1.2	2,786	272	272	2,786	1160	1160			
4	ESTIMATE	251,249	1.695	10.18	86.5	139,769	6.01	23,260	19.1	19.1	19.1	24,102	0.122	0.79	2.3	13,472	0.43	1,498	1.2	1.2	1.2	2,786	222	222	2,786	1160	1160			
5	ESTIMATE	229,560	1.785	10.67	88.9	119,024	5.98	19,907	16.4	16.4	16.4	22,654	0.133	0.81	2.3	12,672	0.48	1,394	1.1	1.1	1.1	2,786	190	190	2,786	1160	1160			
STATEWIDE	ESTIMATE	1,392,450	1.641	10.77	89.5	794,398	6.56	121,119	41.5	41.5	41.5	(SE)	52,087	0.054	0.35	0.9	3,300	0.23	2,725	0.9	0.9	0.9	N	2,786	1,156	1,156	2,786	2,786	2,786	

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	11,316	0.363	2.18	46.4	17,602	6.00	2,934	6.6
	(SE)	2,854	0.119	0.61	9.6	4,475	1.05	552	1.2
	N	2,786	28	28	28	2,786	28	2,786	425
2	ESTIMATE	19,593	0.327	2.79	46.2	46,520	8.54	5,448	12.2
	(SE)	5,117	0.071	0.83	7.0	9,981	1.42	749	1.6
	N	2,786	52	52	52	2,786	52	2,786	425
3	ESTIMATE	72,504	0.575	3.45	76.0	104,879	5.99	17,497	39.3
	(SE)	9,178	0.069	0.40	3.3	13,208	0.61	1,313	2.4
	N	2,786	167	167	167	2,786	167	2,786	425
4	ESTIMATE	63,386	0.649	3.92	71.4	88,639	6.04	14,668	32.9
	(SE)	8,567	0.083	0.48	3.8	10,872	0.55	1,208	2.3
	N	2,786	140	140	140	2,786	140	2,786	425
5	ESTIMATE	14,564	0.448	2.39	39.5	21,269	5.34	3,981	8.9
	(SE)	4,007	0.153	0.81	8.0	4,463	0.73	642	1.4
	N	2,786	39	39	39	2,786	39	2,786	425
PERCENT OF TOTAL LICENSEES									
STATEWIDE									
ESTIMATE	173,506	0.593	3.83	73.9	257,535	6.47	39,814	13.6	
(SE)	14,390	0.044	0.29	2.3	20,561	0.41	1,898	0.7	
N	2,786	380	380	380	2,786	380	2,786	2,786	

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	111,584	0.893	8.19	87.1	81,619	9.16	8,906	14.0	
	(SE)	18,245	0.117	1.20	3.7	13,812	1.21	951	1.4	
	N	2,786	85	85	85	2,786	85	2,786	606	
2	ESTIMATE	164,496	1.075	9.69	88.4	114,309	9.02	12,678	20.0	
	(SE)	30,287	0.177	2.03	2.9	16,842	1.06	1,127	1.6	
	N	2,786	121	121	121	2,786	121	2,786	606	
3	ESTIMATE	236,056	0.969	8.98	92.9	176,649	9.26	19,069	30.0	
	(SE)	30,590	0.098	1.06	1.9	20,271	0.83	1,367	1.9	
	N	2,786	182	182	182	2,786	182	2,786	606	
4	ESTIMATE	131,597	0.907	7.65	89.9	105,088	8.43	12,468	19.6	
	(SE)	18,636	0.114	0.95	2.8	15,005	0.94	1,118	1.6	
	N	2,786	119	119	119	2,786	119	2,786	606	
5	ESTIMATE	116,404	1.005	8.32	83.8	85,915	8.28	10,373	16.3	
	(SE)	19,866	0.146	1.36	3.7	13,602	1.03	1,024	1.5	
	N	2,786	99	99	99	2,786	99	2,786	606	
PERCENT OF TOTAL										
STATEWIDE	ESTIMATE	532,358	1.053	9.47	89.7	393,008	9.00	43,691	15.0	
STATEWIDE	(SE)	45,697	0.075	0.83	1.5	29,828	0.55	1,973	0.7	
STATEWIDE	N	2,786	417	417	417	2,786	417	2,786	2,786	

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION	PERCENT OF TOTAL LICENSEES	
										AVERAGE SEASONAL HARVEST	AVERAGE SEASONAL HARVEST
1	ESTIMATE	6,601	0.033	0.33	23.7	136,626	9,95	13,725	16.0		
	(SE)	1,265	0.006	0.06	3.7	18,095	1.01	1,171	1.3		
	N	2,786	131	131	131	2,786	131	2,786	818		
2	ESTIMATE	12,468	0.049	0.54	33.2	216,044	11.03	19,593	22.9		
	(SE)	1,827	0.007	0.07	3.5	21,060	0.74	1,384	1.5		
	N	2,786	187	187	187	2,786	187	2,786	818		
3	ESTIMATE	12,363	0.039	0.44	32.4	248,420	11.29	22,003	25.7		
	(SE)	1,620	0.004	0.05	3.2	21,345	0.62	1,460	1.5		
	N	2,786	210	210	210	2,786	210	2,786	818		
4	ESTIMATE	6,391	0.031	0.31	21.5	148,360	9.83	15,087	17.6		
	(SE)	1,256	0.006	0.06	3.4	16,532	0.75	1,225	1.3		
	N	2,786	144	144	144	2,786	144	2,786	818		
5	ESTIMATE	6,915	0.038	0.34	21.2	134,635	8.80	15,297	17.8		
	(SE)	1,360	0.007	0.07	3.4	14,335	0.61	1,233	1.3		
	N	2,786	146	146	146	2,786	146	2,786	818		
										PERCENT OF TOTAL LICENSEES	
STATEWIDE	ESTIMATE	37,823	0.040	0.45	29.9	857,891	11.02	77,947	26.7		
	(SE)	2,816	0.003	0.03	1.7	38,553	0.35	2,446	0.8		
	N	2,786	743	743	743	2,786	743	2,786	818		

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	4,820	0.026	0.26	20.6	136,626	9.95	13,725	16.0	
	(SE)	884	0.005	0.05	3.5	18,095	1.01	1,171	1.3	
	N	2,786	131	131	131	2,786	131	2,786	818	
2	ESTIMATE	6,077	0.023	0.25	19.8	216,044	11.03	19,593	22.9	
	(SE)	999	0.004	0.04	2.9	21,060	0.74	1,384	1.5	
	N	2,786	187	187	187	2,786	187	2,786	818	
3	ESTIMATE	6,706	0.021	0.23	19.5	248,420	11.29	22,003	25.7	
	(SE)	1,019	0.003	0.04	2.7	21,345	0.62	1,460	1.5	
	N	2,786	210	210	210	2,786	210	2,786	818	
4	ESTIMATE	2,200	0.008	0.08	6.9	148,360	9.83	15,087	17.6	
	(SE)	582	0.003	0.02	2.1	16,532	0.75	1,225	1.3	
	N	2,786	144	144	144	2,786	144	2,786	818	
5	ESTIMATE	3,982	0.022	0.19	15.8	134,635	8.80	15,297	17.8	
	(SE)	781	0.004	0.04	3.0	14,335	0.61	1,233	1.3	
	N	2,786	146	146	146	2,786	146	2,786	818	
PERCENT OF LICENSEES										
STATEWIDE										
ESTIMATE	19,697	0.021	0.23	18.4	857,891	11.02	77,847	26.7		
(SE)	1,707	0.002	0.02	1.4	38,553	0.35	2,446	0.8		
N	2,786	743	743	743	2,786	743	2,786	2,786		

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
1	ESTIMATE	1,781	0.007	0.07	5.3	136,626	9,95	13,725
	(SE)	601	0.003	0.03	2.0	18,095	1.01	1,171
	N	2,786	131	131	2,786	131	2,786	818
2	ESTIMATE	6,391	0.026	0.29	21.9	216,044	11.03	19,593
	(SE)	1,117	0.004	0.05	3.0	21,080	0.74	1,384
	N	2,786	187	187	2,786	187	2,786	818
3	ESTIMATE	5,658	0.019	0.21	17.1	248,420	11.29	22,003
	(SE)	986	0.003	0.03	2.6	21,345	0.62	1,460
	N	2,786	210	210	2,786	210	2,786	818
4	ESTIMATE	4,191	0.023	0.23	17.4	148,360	9.83	15,087
	(SE)	886	0.005	0.05	3.2	16,532	0.75	1,225
	N	2,786	144	144	2,786	144	2,786	818
5	ESTIMATE	2,934	0.016	0.14	10.3	134,635	8.80	15,297
	(SE)	796	0.005	0.04	2.5	14,335	0.61	1,233
	N	2,786	146	146	2,786	146	2,786	818
PERCENT OF TOTAL LICENSEES								
STATEWIDE								
	ESTIMATE	18,126	0.020	0.22	16.8	857,891	11.02	77,847
	(SE)	1,746	0.002	0.02	1.4	38,553	0.35	2,446
	N	2,786	743	743	2,786	743	2,786	2,786

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	7,230	0.055	0.67	29.6	72,713	7.08	10,268	10.1	
	(SE)	2,496	0.035	0.23	4.6	12,281	0.97	1,019	1.0	
	N	2,786	98	98	98	2,786	98	2,786	972	
2	ESTIMATE	16,030	0.088	0.61	37.4	176,230	6.92	25,460	25.0	
	(SE)	1,940	0.009	0.07	3.1	14,145	0.36	1,561	1.4	
	N	2,786	243	243	243	2,786	243	2,786	972	
3	ESTIMATE	11,840	0.057	0.43	29.9	201,795	7.67	26,298	25.8	
	(SE)	1,498	0.006	0.05	2.9	15,268	0.35	1,584	1.4	
	N	2,786	251	251	251	2,786	251	2,786	972	
4	ESTIMATE	11,840	0.066	0.45	32.0	172,039	6.81	25,251	24.8	
	(SE)	1,476	0.007	0.05	3.0	13,384	0.32	1,555	1.4	
	N	2,786	241	241	241	2,786	241	2,786	972	
5	ESTIMATE	9,325	0.114	0.60	41.0	77,114	5.29	14,564	14.3	
	(SE)	1,343	0.014	0.08	4.2	7,532	0.28	1,204	1.1	
	N	2,786	139	139	139	2,786	139	2,786	972	
STATEWIDE	ESTIMATE	56,264	0.080	0.57	36.6	690,357	7.17	96,288	33.0	
	(SE)	3,929	0.005	0.04	1.6	26,393	0.19	2,601	0.9	
	N	2,786	919	919	919	2,786	919	2,786	2,786	

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)
1	ESTIMATE	3,982	0.053	0.38	23.5	72,713	7.08	10,268	10.1	
	(SE)	980	0.014	0.09	4.3	12,281	0.97	1,019	1.0	
	N	2,786	98	98	2,786	98	2,786	2,786	972	
2	ESTIMATE	11,106	0.062	0.43	31.7	176,230	6.92	25,460	25.0	
	(SE)	1,366	0.007	0.05	3.0	14,145	0.36	1,561	1.4	
	N	2,786	243	243	2,786	243	2,786	2,786	972	
3	ESTIMATE	8,696	0.042	0.32	24.3	201,795	7.67	26,298	25.8	
	(SE)	1,233	0.005	0.04	2.7	15,268	0.35	1,584	1.4	
	N	2,786	251	251	2,786	251	2,786	2,786	972	
4	ESTIMATE	8,592	0.049	0.34	24.9	172,039	6.81	25,251	24.8	
	(SE)	1,202	0.006	0.04	2.8	13,384	0.32	1,555	1.4	
	N	2,786	241	241	2,786	241	2,786	2,786	972	
5	ESTIMATE	6,286	0.080	0.42	34.5	77,114	5.29	14,564	14.3	
	(SE)	953	0.010	0.05	4.0	7,532	0.28	1,204	1.1	
	N	2,786	139	139	2,786	139	2,786	2,786	972	
STATEWIDE	ESTIMATE	38,976	0.056	0.40	29.7	690,357	7.17	96,288	33.0	
	(SE)	2,520	0.003	0.02	1.5	26,393	0.19	2,601	0.9	
	N	2,786	919	919	2,786	919	2,786	2,786	2,786	

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	TOTAL HUNTERS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
1	ESTIMATE	3,248	0.042	0.30	11.2	72,713	7,08	10,268	10.1	
	(SE)	1,762	0.024	0.17	3.2	12,281	0.97	1,019	1.0	
	N	2,786	98	98	98	2,786	98	2,786	972	
	ESTIMATE	4,924	0.026	0.16	14.4	176,230	6.92	25,460	25.0	
2	(SE)	915	0.005	0.03	2.3	14,145	0.36	1,561	1.4	
	N	2,786	213	243	243	2,786	243	2,786	972	
	ESTIMATE	3,143	0.015	0.11	9.6	201,795	7.67	26,298	25.8	
3	(SE)	643	0.003	0.02	1.9	15,268	0.35	1,584	1.4	
	N	2,786	251	251	251	2,786	251	2,786	972	
	ESTIMATE	3,248	0.017	0.12	9.5	172,039	6.81	25,251	24.8	
4	(SE)	685	0.004	0.03	1.9	13,384	0.32	1,555	1.4	
	N	2,786	241	241	241	2,786	241	2,786	972	
	ESTIMATE	3,038	0.034	0.18	13.7	77,114	5.29	14,564	14.3	
5	(SE)	701	0.008	0.04	2.9	7,532	0.28	1,204	1.1	
	N	2,786	139	139	139	2,786	139	2,786	972	
	ESTIMATE	17,288	0.024	0.17	12.6	690,357	7.17	95,288	33.0	
STATEWIDE	(SE)	2,284	0.003	0.02	1.1	26,393	0.19	2,601	0.9	
	N	2,786	919	919	919	2,786	919	2,786	2,786	

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	
									LICENSEEES	TOTAL
1	ESTIMATE	59,302	0.095	1.34	56.5	584,221	14.12	41,386	17.4	
	(SE)	4,750	0.006	0.09	2.5	36,038	0.57	1,929	0.8	
	N	2,786	395	395	395	2,786	395	2,786	2,267	
2	ESTIMATE	69,151	0.083	0.99	50.3	751,126	11.87	63,284	26.6	
	(SE)	4,233	0.004	0.05	2.0	35,180	0.36	2,279	0.9	
	N	2,786	604	604	604	2,786	604	2,786	2,267	
3	ESTIMATE	33,528	0.089	0.67	43.9	341,459	7.49	45,577	19.2	
	(SE)	2,603	0.006	0.05	2.4	19,329	0.27	2,008	0.8	
	N	2,786	435	435	435	2,786	435	2,786	2,267	
4	ESTIMATE	35,728	0.087	0.71	46.0	385,255	8.21	46,939	19.8	
	(SE)	2,691	0.005	0.05	2.4	21,320	0.28	2,032	0.8	
	N	2,786	448	448	448	2,786	448	2,786	2,267	
5	ESTIMATE	49,349	0.087	1.13	54.8	523,766	12.98	40,338	17.0	
	(SE)	3,835	0.006	0.08	2.5	31,381	0.48	1,909	0.8	
	N	2,786	385	385	385	2,786	385	2,786	2,267	
PERCENT OF TOTAL LICENSEEES										
STATEWIDE	ESTIMATE	242,867	0.088	0.96	50.3	2,572,522	10.87	236,685	81.1	
	(SE)	7,179	0.002	0.03	1.1	48,068	0.18	2,166	0.7	
	N	2,786	2,259	2,259	2,259	2,786	2,259	2,786	2,786	

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	30,804	0.048	0.68	43.5	594,221	14,12	41,386	17.4
1	(SE)	2,508	0.003	0.05	2.5	36,038	0.57	1,929	0.8
	N	2,786	395	395	395	2,786	395	2,786	2,267
	ESTIMATE	38,871	0.046	0.54	37.4	751,126	11,87	63,284	26.6
2	(SE)	2,708	0.003	0.03	2.0	35,180	0.36	2,279	0.9
	N	2,786	604	604	604	2,786	604	2,786	2,267
	ESTIMATE	19,279	0.050	0.37	31.0	341,459	7.49	45,577	19.2
3	(SE)	1,702	0.004	0.03	2.2	19,329	0.27	2,008	0.8
	N	2,786	435	435	435	2,786	435	2,786	2,267
	ESTIMATE	21,164	0.051	0.42	33.7	395,255	8.21	46,939	19.8
4	(SE)	1,783	0.004	0.03	2.2	21,320	0.28	2,032	0.8
	N	2,786	448	448	448	2,786	448	2,786	2,267
	ESTIMATE	26,089	0.046	0.59	42.1	523,766	12.98	40,338	17.0
5	(SE)	2,200	0.003	0.04	2.5	31,381	0.48	1,909	0.8
	N	2,786	385	385	385	2,786	385	2,786	2,267
	PERCENT OF TOTAL								LICENSEES
STATEWIDE	ESTIMATE	133,063	0.048	0.52	37.6	2,572,522	10.87	236,685	81.1
	(SE)	4,304	0.001	0.02	1.0	48,068	0.18	2,166	0.7
	N	2,786	2,259	2,259	2,259	2,786	2,259	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION	
									AVERAGE	SEASONAL HUNTERS
1	ESTIMATE	28,499	0.046	0.65	39.7	584,221	14.12	41,386	17.4	
	(SE)	2,846	0.004	0.06	2.5	36,038	0.57	1,929	0.6	
	N	2,786	395	395	395	2,786	395	2,786	2,267	
2	ESTIMATE	30,280	0.037	0.44	32.3	751,126	11.87	63,284	26.6	
	(SE)	2,225	0.003	0.03	1.9	35,180	0.36	2,279	0.9	
	N	2,786	604	604	604	2,786	604	2,786	2,267	
3	ESTIMATE	14,249	0.039	0.29	22.8	341,459	7.49	45,577	19.2	
	(SE)	1,480	0.004	0.03	2.0	19,329	0.27	2,008	0.8	
	N	2,786	435	435	435	2,786	435	2,786	2,267	
4	ESTIMATE	14,564	0.036	0.30	23.2	385,255	8.21	46,939	19.8	
	(SE)	1,490	0.003	0.03	2.0	21,320	0.28	2,032	0.8	
	N	2,786	448	448	448	2,786	448	2,786	2,267	
5	ESTIMATE	23,260	0.042	0.54	35.8	523,768	12.98	40,338	17.0	
	(SE)	2,169	0.003	0.05	2.4	31,381	0.48	1,909	0.8	
	N	2,786	385	385	385	2,786	385	2,786	2,267	
										PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	109,804	0.040	0.44	30.4	2,572,522	10.87	236,685	81.1	
	(SE)	4,320	0.002	0.02	1.0	48,068	0.18	2,166	0.7	
	N	2,786	2,259	2,259	2,259	2,786	2,259	2,786	2,786	

TABLE 23. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER HUNTING IN VIRGINIA DURING THE 1994-95 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	336,954	0.078	1.32	57.1	4,120,771	16.89	244,019	83.6
(SE)	9,779	0.002	0.04	1.0	82,139	0.31	2,048	0.7
N	2,786	2,329	2,329	2,786	2,329	2,329	2,786	2,786

TABLE 24. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (BUCKS) HUNTING IN VIRGINIA DURING THE 1994-95 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	191,737	0.045	0.75	45.1	4,120,771	16.89	244,019	83.6
(SE)	5,831	0.001	0.02	1.0	82,139	0.31	2,048	0.7
N	2,786	2,329	2,329	2,786	2,329	2,329	2,786	2,786

TABLE 25. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (DOES) HUNTING IN VIRGINIA DURING THE 1994-95 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	145,217	0.034	0.57	35.3	4,120,771	16.89	244,019	83.6
(SE)	5,607	0.001	0.02	1.0	82,139	0.31	2,048	0.7
N	2,786	2,329	2,329	2,786	2,329	2,329	2,786	2,786

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	TOTAL HUNTERS
1	ESTIMATE	3,553	0.044	0.22	18.3	67,089	5.10	13,167	17.4	
	(SE)	779	0.008	0.04	3.5	8,116	0.43	1,146	1.4	
	N	2,786	126	126	126	2,786	126	2,786	724	
2	ESTIMATE	5,852	0.051	0.30	21.1	109,726	5.83	18,810	24.9	
	(SE)	1,007	0.007	0.05	3.1	11,119	0.42	1,356	1.6	
	N	2,786	180	180	180	2,786	180	2,786	724	
3	ESTIMATE	5,539	0.047	0.27	21.7	109,726	5.83	18,810	24.9	
	(SE)	899	0.008	0.04	3.1	13,813	0.60	1,356	1.6	
	N	2,786	180	180	180	2,786	180	2,786	724	
4	ESTIMATE	1,672	0.023	0.13	11.9	67,821	5.50	12,331	16.3	
	(SE)	442	0.006	0.03	3.0	8,833	0.52	1,111	1.4	
	N	2,786	118	118	118	2,786	118	2,786	724	
5	ESTIMATE	2,508	0.041	0.19	16.7	57,998	4.63	12,540	16.6	
	(SE)	571	0.008	0.04	3.4	7,187	0.40	1,120	1.4	
	N	2,786	120	120	120	2,786	120	2,786	724	
STATEWIDE	ESTIMATE	18,706	0.049	0.28	21.3	350,496	5.62	62,387	21.4	
	(SE)	1,720	0.004	0.02	2.1	20,617	0.26	2,264	0.8	
	N	2,786	597	597	597	2,786	597	2,786	2,786	

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	5,134	0.031	0.19	18.1	100,898	6.02	16,764	13.4
	(SE)	789	0.006	0.03	3.1	15,226	0.78	1,287	1.0
	N	2,786	160	160	2,786		160	2,786	1198
2	ESTIMATE	13,411	0.048	0.30	25.2	207,348	6.24	33,213	26.5
	(SE)	1,334	0.006	0.03	2.4	16,503	0.37	1,756	1.3
	N	2,786	317	317	2,786		317	2,786	1198
3	ESTIMATE	9,011	0.043	0.26	20.2	170,153	6.08	27,975	22.3
	(SE)	1,145	0.007	0.03	2.5	16,580	0.48	1,628	1.2
	N	2,786	267	267	2,786		267	2,786	1198
4	ESTIMATE	7,334	0.043	0.22	16.7	131,073	5.09	25,774	20.5
	(SE)	1,090	0.007	0.04	2.4	11,304	0.31	1,569	1.2
	N	2,786	246	246	2,786		246	2,786	1198
5	ESTIMATE	5,763	0.029	0.18	14.9	139,140	6.38	21,793	17.4
	(SE)	948	0.006	0.04	2.5	13,763	0.47	1,454	1.1
	N	2,786	208	208	2,786		208	2,786	1198
PERCENT OF TOTAL LICENSEES									
STATEWIDE									
	ESTIMATE	33,737	0.046	0.28	22.8	620,578	6.12	101,421	34.7
	(SE)	2,175	0.003	0.02	1.3	28,530	0.23	2,634	0.9
	N	2,786	968	968	2,786		968	2,786	2,786

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	3,038	0.047	0.24	20.7	62,026	5.10	12,154	16.8		
	(SE)	635	0.008	0.05	3.8	7,897	0.46	1,105	1.4		
	N	2,786	116	116	116	2,786	116	2,786	690		
2	ESTIMATE	5,763	0.047	0.28	23.0	117,033	5.97	19,593	27.1		
	(SE)	913	0.006	0.04	3.1	12,070	0.45	1,384	1.7		
	N	2,786	187	187	187	2,786	187	2,786	690		
3	ESTIMATE	4,286	0.036	0.23	19.2	112,213	6.41	17,497	24.2		
	(SE)	787	0.007	0.04	3.1	14,248	0.66	1,313	1.6		
	N	2,786	167	167	167	2,786	167	2,786	690		
4	ESTIMATE	1,781	0.027	0.16	13.2	66,951	6.03	11,106	15.4		
	(SE)	563	0.007	0.05	3.3	9,336	0.62	1,058	1.4		
	N	2,786	106	106	106	2,786	106	2,786	690		
5	ESTIMATE	3,562	0.005	0.02	19.3	59,826	5.01	11,944	16.5		
	(SE)	911	0.011	0.05	3.7	241,045	0.43	1,096	1.4		
	N	2,786	114	114	114	2,786	114	2,786	690		
										PERCENT OF TOTAL LICENSEES	
STATEWIDE	ESTIMATE	18,761	0.047	0.28	22.2	371,634	5.91	62,865	21.5		
	(SE)	1,746	0.004	0.02	1.7	21,567	0.27	2,274	0.8		
	N	2,786	600	600	600	2,786	600	2,786	2,786		

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	6,286	7.50	838	10.7	
	(SE)	0	0.000	0.00	0.0	2,786	2.15	296	3.6	
	N	2,786	8	8	8	2,786	8	2,786	75	
2	ESTIMATE	0	0.000	0.00	0.0	12,573	8.57	1,467	18.7	
	(SE)	0	0.000	0.00	0.0	4,130	1.71	391	4.5	
	N	2,786	14	14	14	2,786	14	2,786	75	
3	ESTIMATE	524	0.008	0.05	5.0	13,935	6.65	2,095	26.7	
	(SE)	524	0.039	0.05	5.0	3,986	1.21	467	5.1	
	N	2,786	20	20	20	2,786	20	2,786	75	
4	ESTIMATE	0	0.000	0.00	0.0	16,030	6.38	2,515	32.0	
	(SE)	0	0.000	0.00	0.0	4,299	1.14	511	5.4	
	N	2,786	24	24	24	2,786	24	2,786	75	
5	ESTIMATE	0	0.000	0.00	0.0	7,648	8.11	943	12.0	
	(SE)	0	0.000	0.00	0.0	3,114	2.02	314	3.8	
	N	2,786	9	9	9	2,786	9	2,786	75	
PERCENT OF TOTAL LICENSEES										
STATEWIDE	ESTIMATE	524	0.003	0.02	1.7	39,395	6.48	6,077	2.1	
	(SE)	524	0.013	0.02	1.7	6,943	0.78	790	0.3	
	N	2,786	58	58	58	2,786	58	2,786	2,786	

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	524	0.031	0.10	10.0	3,353	3.20	1,048	8.3	
	(SE)	277	0.031	0.10	10.0	1,211	0.59	331	2.5	
	N	2,786	10	10	10	2,786	10	2,786	121	
2	ESTIMATE	524	0.012	0.05	4.5	8,487	3.68	2,305	18.2	
	(SE)	277	0.012	0.05	4.5	1,996	0.38	490	3.5	
	N	2,786	22	22	22	2,786	22	2,786	121	
3	ESTIMATE	524	0.013	0.06	5.6	7,858	4.17	1,886	14.9	
	(SE)	277	0.013	0.06	5.6	2,077	0.52	443	3.2	
	N	2,786	18	18	18	2,786	18	2,786	121	
4	ESTIMATE	629	0.006	0.02	2.2	16,659	3.46	4,820	38.0	
	(SE)	296	0.006	0.02	2.2	2,812	0.29	705	4.4	
	N	2,786	46	46	46	2,786	46	2,786	121	
5	ESTIMATE	734	0.024	0.08	8.0	8,696	3.32	2,619	20.7	
	(SE)	314	0.017	0.06	5.5	1,968	0.36	522	3.7	
	N	2,786	25	25	25	2,786	25	2,786	121	
PERCENT OF TOTAL LICENSEES										
STATEWIDE										
ESTIMATE	838	0.006	0.02	2.3	32,398	3.58	9,011	3.1		
(SE)	331	0.005	0.02	1.6	3,943	0.22	957	0.3		
N	2,786	86	86	86	2,786	86	2,786	2,786		

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	
									LICENSEEES	TOTAL
1	ESTIMATE	105	0.000	0.00	0.0	0	2,410	2,88	838	8.7
	(SE)	105	0.000	0.00	0.0	0	1,031	0.84	296	3.0
	N	2,786	8	8	8	2,786	8	2,786	92	
2	ESTIMATE	105	0.000	0.00	0.0	0	17,812	7.39	2,410	25.0
	(SE)	105	0.000	0.00	0.0	0	5,178	1.54	500	4.5
	N	2,786	23	23	23	2,786	23	2,786	92	
3	ESTIMATE	105	0.000	0.00	0.00	0	11,944	7.23	1,676	17.4
	(SE)	105	0.000	0.00	0.00	0	4,484	2.07	418	4.0
	N	2,786	16	16	16	2,786	16	2,786	92	
4	ESTIMATE	524	0.011	0.11	8.6	37,195	10.14	3,667	38.0	
	(SE)	277	0.007	0.07	4.8	8,593	1.63	616	5.1	
	N	2,786	35	35	35	2,786	35	2,786	92	
5	ESTIMATE	105	0.000	0.00	0.00	2,829	2.70	1,048	10.9	
	(SE)	105	0.000	0.00	0.00	1,083	0.62	331	3.3	
	N	2,786	10	10	10	2,786	10	2,786	92	
PERCENT OF TOTAL LICENSEES										
STATEWIDE	ESTIMATE	524	0.006	0.06	4.6	67,265	9.88	6,810	2.3	
	(SE)	277	0.004	0.04	2.6	11,250	1.13	835	0.3	
	N	2,786	65	65	65	2,786	65	2,786	2.786	

TOTAL BEAR HUNTING IN VIRGINIA DURING THE 1994-95 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	1,886	0.009	0.07	4.0	138,931	7.53	18,440	6.3
STATEWIDE (SE)	694	0.004	0.03	1.5	15,473	0.64	1,346	0.5
N	2,786	176	176	176	2,786	176	2,786	2,786

TABLE 33. EXPANDED STATEWIDE SUMMARY OF BEAR (GUN) HUNTING IN VIRGINIA DURING THE 1994-95 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	1,362	0.006	0.04	3.6	99,536	6.93	14,354	4.9
STATEWIDE (SE)	456	0.003	0.02	1.6	12,343	0.64	1,196	0.4
N	2,786	137	137	137	2,786	137	2,786	2,786

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	
									HUNTERS	LICENSEEES
1	ESTIMATE	143,226	1.546	12.57	84	86,858	8.13	10,687	63.0	17.707
	(SE)	23,340	0.160	1.76	4	11,187	0.69	1,039		
	N	2,786	102	102	102	2,786	102	2,786		
2	ESTIMATE	16,135	1.239	6.75	85	11,420	5.45	2,095	12.3	2.6
	(SE)	4,746	0.286	1.64	8	3,214	0.96	467		
	N	2,786	20	20	20	2,786	20	2,786		
3	ESTIMATE	6,391	1.023	4.50	90.0	4,610	4.40	1,048	6.2	1.9
	(SE)	2,452	0.312	1.59	10.0	1,959	1.32	331		
	N	2,786	10	10	10	2,786	10	2,786		
4	ESTIMATE	5,658	1.226	4.75	100.0	3,248	3.88	838	4.9	1.7
	(SE)	2,013	0.176	1.13	0.0	1,439	1.11	296		
	N	2,786	8	8	8	2,786	8	2,786		
5	ESTIMATE	21,688	1.404	8.68	81.8	14,249	6.18	2,305	13.6	3.786
	(SE)	6,478	0.296	2.11	8.4	3,775	1.00	490		
	N	2,786	22	22	22	2,786	22	2,786		
PERCENT OF TOTAL LICENSEES										
STATEWIDE	ESTIMATE	197,395	1.504	10.57	84.6	124,472	7.03	17,707	6.1	
	(SE)	25,787	0.128	1.19	2.8	12,522	0.48	1,320	0.5	
	N	2,786	169	169	169	2,786	169	2,786	2,786	

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	
									AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS
1	ESTIMATE	50,711	0.555	4.51	64.7	86,858	8.13	10,687	63.0	63.0
	(SE)	9,062	0.072	0.72	4.8	11,187	0.69	1,039	3.8	3.8
	N	2,786	102	102	102	2,786	102	2,786	162	162
2	ESTIMATE	3,562	0.294	1.55	50.0	11,420	5.45	2,095	12.3	12.3
	(SE)	1,202	0.068	0.44	11.5	3,214	0.96	467	2.6	2.6
	N	2,786	20	20	20	2,786	20	2,786	162	162
3	ESTIMATE	3,038	0.591	2.60	70.0	4,610	4.40	1,048	6.2	6.2
	(SE)	1,320	0.231	0.96	15.3	1,959	1.32	331	1.9	1.9
	N	2,786	10	10	10	2,786	10	2,786	162	162
4	ESTIMATE	2,724	0.712	2.88	100.0	3,248	3.88	838	4.9	4.9
	(SE)	1,025	0.144	0.61	0.0	1,439	1.11	296	1.7	1.7
	N	2,786	8	8	8	2,786	8	2,786	162	162
5	ESTIMATE	7,963	0.537	3.32	68.2	14,249	6.18	2,305	13.6	13.6
	(SE)	3,376	0.175	1.31	10.2	3,775	1.00	490	2.7	2.7
	N	2,786	22	22	22	2,786	22	2,786	162	162
PERCENT OF TOTAL LICENSEES										
STATEWIDE										
ESTIMATE	73,342	0.566	3.98	64.5	124,472	7.03	17,707	6.1	6.1	6.1
(SE)	11,165	0.066	0.55	3.7	12,522	0.48	1,320	0.5	0.5	0.5
N	2,786	169	169	169	2,786	169	2,786	2,786	2,786	2,786

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	27,137	0.308	2.50	52.9	86,858	8.13	10,687	63.0
	(SE)	4,771	0.045	0.38	5.0	11,187	0.69	1,039	3.8
	N	2,786	102	102	102	2,786	102	2,786	162
2	ESTIMATE	9,954	0.817	4.45	75.0	11,420	5.45	2,095	12.3
	(SE)	3,590	0.264	1.42	9.9	3,214	0.96	467	2.6
	N	2,786	20	20	20	2,786	20	2,786	162
3	ESTIMATE	1,152	0.182	0.80	20.0	4,610	4.40	1,048	6.2
	(SE)	733	0.098	0.61	13.3	1,959	1.32	331	1.9
	N	2,786	10	10	10	2,786	10	2,786	162
4	ESTIMATE	1,467	0.355	1.38	50.0	3,248	3.88	838	4.9
	(SE)	694	0.164	0.60	18.9	1,439	1.11	296	1.7
	N	2,786	8	8	8	2,786	8	2,786	162
5	ESTIMATE	8,487	0.574	3.55	54.5	14,249	6.18	2,305	13.6
	(SE)	3,576	0.240	1.38	10.9	3,775	1.00	490	2.7
	N	2,786	22	22	22	2,786	22	2,786	162
PERCENT OF TOTAL LICENSEES									
STATEWIDE	ESTIMATE	48,510	0.380	2.67	52.7	124,472	7.03	17,707	6.1
	(SE)	7,028	0.049	0.34	3.9	12,522	0.48	1,320	0.5
	N	2,786	169	169	169	2,786	169	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MANDAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION	
									LICENSEES	TOTAL
1	ESTIMATE	16,964	0.204	1.66	38.2	86,858	8.13	10,687	63.0	
	(SE)	3,988	0.036	0.33	4.8	11,187	0.69	1,039	3.8	
	N	2,786	102	102	102	2,786	102	2,786	162	
2	ESTIMATE	943	0.083	0.45	15.0	11,420	5.45	2,095	12.3	
	(SE)	584	0.046	0.26	8.2	3,214	0.96	467	2.6	
	N	2,786	20	20	20	2,786	20	2,786	162	
3	ESTIMATE	419	0.091	0.40	10.0	4,610	4.40	1,048	6.2	
	(SE)	419	0.089	0.40	10.0	1,959	1.32	331	1.9	
	N	2,786	10	10	10	2,786	10	2,786	162	
4	ESTIMATE	419	0.129	0.50	12.5	3,248	3.88	838	4.9	
	(SE)	419	0.102	0.50	12.5	1,439	1.11	296	1.7	
	N	2,786	8	8	8	2,786	8	2,786	162	
5	ESTIMATE	105	0.007	0.05	4.5	14,249	6.18	2,305	13.6	
	(SE)	105	0.007	0.05	4.5	3,775	1.00	490	2.7	
	N	2,786	22	22	22	2,786	22	2,786	162	
STATEWIDE								PERCENT OF LICENSEES	TOTAL	
ESTIMATE										
(SE)										
N										

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	46,415	0.480	3.90	36.3	86,858	8.13	10,687	63.0
	(SE)	11,397	0.102	0.95	5	11,187	0.69	1,039	3.8
	N	2,786	102	102	102	2,786	102	2,786	162
2	ESTIMATE	1,676	0.055	0.30	15.0	11,420	5.45	2,095	12.3
	(SE)	1,138	0.037	0.21	8.2	3,214	0.96	467	2.6
	N	2,786	20	20	20	2,786	20	2,786	162
3	ESTIMATE	1,781	0.159	0.70	30.0	4,610	4.40	1,048	6.2
	(SE)	1,152	0.107	0.42	15.3	1,959	1.32	331	1.9
	N	2,786	10	10	10	2,786	10	2,786	162
4	ESTIMATE	1,048	0.000	0.00	0.0	3,248	3.86	838	4.9
	(SE)	1,048	0.000	0.00	0.0	1,439	1.11	296	1.7
	N	2,786	8	8	8	2,786	8	2,786	162
5	ESTIMATE	5,134	0.287	1.77	36.4	14,249	6.18	2,305	13.6
	(SE)	2,016	0.096	0.66	10.5	3,775	1.00	490	2.7
	N	2,786	22	22	22	2,786	22	2,786	162
PERCENT OF TOTAL LICENSEES									
STATEWIDE	ESTIMATE	54,273	0.398	2.80	32.0	124,472	7.03	17,707	6.1
	(SE)	11,656	0.075	0.60	3.6	12,522	0.48	1,320	0.5
	N	2,786	169	169	169	2,786	169	2,786	2,786

TABLE 30. EXPANDED STATEWIDE AND REGIONAL SUMMARY ESTIMATES

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	2,724	0.793	1.64	43	3,038	2.07	1,467	26.4	
	(SE)	1,118	0.247	0.61	13.7	953	0.35	391	6.1	
	N	2,786	14	14	14	2,786	14	2,786	53	
2	ESTIMATE	943	0.353	0.60	30.0	1,781	1.7	1,048	18.9	
	(SE)	502	0.211	0.34	15.3	637	0.3	331	0.1	
	N	2,786	10	10	10	2,786	10	2,786	53	
3	ESTIMATE	629	0.429	0.75	25.0	734	1.75	419	7.5	
	(SE)	445	0.500	0.75	25.0	406	0.48	209	3.7	
	N	2,786	4	4	4	2,786	4	2,786	53	
4	ESTIMATE	734	0.308	0.57	28.6	1,362	1.86	733	13.2	
	(SE)	457	0.271	0.43	18.4	601	0.46	277	4.7	
	N	2,786	7	7	7	2,786	7	2,786	53	
5	ESTIMATE	3,562	0.732	1.67	38.9	4,296	2.28	1,886	34.0	
	(SE)	1,428	0.249	0.64	11.8	1,285	0.43	443	6.6	
	N	2,786	18	18	18	2,786	18	2,786	53	
PERCENT OF TOTAL LICENSEES										
STATEWIDE	ESTIMATE	6,391	0.659	1.38	38.5	8,592	2.10	4,086	1.4	
STATEWIDE	(SE)	1,802	0.153	0.37	7.9	1,695	0.25	650	0.2	
STATEWIDE	N	2,786	39	39	39	2,786	39	2,786	2,786	

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	
									LICENSEEES	TOTAL
ESTIMATE	16,659	0.498	2.29	49.2	31,327	4.60	6,810	51.2		
1 (SE)	4,212	0.090	0.55	6.2	5,224	0.52	835	4.5		
N	2,786	65	65	65	2,786	65	2,786	127		
ESTIMATE	2,515	0.367	1.38	38.5	5,134	3.77	1,362	10.2		
2 (SE)	1,239	0.197	0.79	14.0	1,961	1.03	377	2.7		
N	2,786	13	13	13	2,786	13	2,786	127		
ESTIMATE	2,515	0.462	1.64	45.5	4,086	3.55	1,153	8.7		
3 (SE)	1,221	0.209	0.90	15.7	1,665	1.02	347	2.5		
N	2,786	11	11	11	2,786	11	2,786	127		
ESTIMATE	2,096	0.389	1.27	36.4	3,772	3.27	1,153	8.7		
4 (SE)	1,166	0.221	0.90	15.2	1,601	1.03	347	2.5		
N	2,786	11	11	11	2,786	11	2,786	127		
ESTIMATE	10,058	0.742	3.30	63.0	12,573	4.44	2,829	21.3		
5 (SE)	3,445	0.156	1.05	9.5	3,142	0.73	542	3.6		
N	2,786	27	27	27	2,786	27	2,786	127		
STATEWIDE	ESTIMATE	27,346	0.558	2.45	54.5	46,415	4.39	10,582	3.6	
STATEWIDE	(SE)	5,383	0.077	0.45	5.0	6,104	0.39	1,034	0.4	
STATEWIDE	N	2,786	101	101	2,786	101	2,786	127	2,786	2,786

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	
									LICENSEEES	TOTAL
1	ESTIMATE	2,410	0.194	0.93	60.0	7,544	4.8	1,572	18.3	
1	(SE)	717	0.068	0.28	13.1	3,063	1.56	405	4.3	
1	N	2,786	15	15	15	2,786	15	2,786	82	
2	ESTIMATE	3,667	0.168	1.38	61.9	18,126	8.24	2,200	25.6	
2	(SE)	1,352	0.066	0.53	10.9	6,064	2.15	478	4.8	
2	N	2,786	21	21	21	2,786	21	2,786	82	
3	ESTIMATE	2,305	0.581	1.64	81.8	3,248	2.82	1,153	13.4	
3	(SE)	959	0.124	0.66	12.2	1,337	0.83	347	3.8	
3	N	2,786	11	11	11	2,786	11	2,786	82	
4	ESTIMATE	4,191	0.247	2.40	46.7	15,297	9.73	1,572	18.3	
4	(SE)	1,885	0.101	1.05	13.3	6,395	3.32	405	4.3	
4	N	2,786	15	15	15	2,786	15	2,786	82	
5	ESTIMATE	2,619	0.152	1.00	65.0	13,830	6.60	2,095	24.4	
5	(SE)	747	0.070	0.24	10.9	5,892	2.46	467	4.8	
5	N	2,786	20	20	20	2,786	20	2,786	82	
STATEWIDE	ESTIMATE	17,497	0.202	1.37	61.1	63,703	6.76	9,430	3.2	
STATEWIDE	(SE)	3,135	0.039	0.24	5.2	11,428	0.99	978	0.3	
STATEWIDE	N	2,786	90	90	90	2,786	90	2,786	2,786	

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	PERCENT OF TOTAL
1	ESTIMATE	1,886	0.155	0.75	55.0	10,163	4.85	2,095	25.3	25.3
	(SE)	662	0.092	0.25	11.4	4,859	2.10	467	4.9	4.9
	N	2,786	20	20	20	2,786	20	2,786	79	79
2	ESTIMATE	3,353	0.153	1.44	55.6	17,812	9.44	1,886	22.8	22.8
	(SE)	1,349	0.075	0.60	12.1	6,589	2.78	443	4.7	4.7
	N	2,786	18	18	18	2,786	18	2,786	79	79
3	ESTIMATE	1,362	0.183	1.57	71.4	6,286	8.57	733	8.9	8.9
	(SE)	718	0.159	0.78	18.4	4,314	5.30	277	3.2	3.2
	N	2,786	7	7	7	2,786	7	2,786	79	79
4	ESTIMATE	4,086	0.200	1.84	63.2	18,335	9.21	1,991	24.1	24.1
	(SE)	1,665	0.085	0.73	11.4	7,063	2.93	455	4.8	4.8
	N	2,786	19	19	19	2,786	19	2,786	79	79
5	ESTIMATE	1,572	0.097	0.80	60.0	12,992	8.27	1,572	19.0	19.0
	(SE)	502	0.046	0.20	13.1	5,932	3.23	405	4.4	4.4
	N	2,786	15	15	15	2,786	15	2,786	79	79
STATEWIDE	ESTIMATE	16,554	0.193	1.29	60.3	54,902	6.72	8,172	2.8	2.8
	(SE)	3,061	0.042	0.25	5.6	678	1.04	912	0.3	0.3
	N	2,786	78	78	78	2,786	78	2,786	2,786	2,786

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	SEASONAL DAYS HUNTING	TOTAL HUNTERS	AVERAGE	PERCENT HUNTERS PER REGION
1	ESTIMATE	105	0.000	0.00	0.0	8,382	26.67	314	9.4	
	(SE)	105	0.000	0.00	0.0	5,131	6.67	181	5.2	
	N	2,786	3	3	3	2,786	3	2,786	32	
2	ESTIMATE	105	0.000	0.00	0.0	9,744	18.60	524	15.6	
	(SE)	105	0.000	0.00	0.0	5,246	6.24	234	6.5	
	N	2,786	5	5	5	2,786	5	2,786	32	
3	ESTIMATE	1,572	0.059	0.58	41.7	12,468	9.92	1,257	37.5	
	(SE)	619	0.039	0.26	14.9	5,405	3.35	362	8.7	
	N	2,786	12	12	12	2,786	12	2,786	32	
4	ESTIMATE	314	0.006	0.11	11.1	17,812	18.89	943	28.1	
	(SE)	181	0.007	0.11	11.1	7,422	5.02	314	8.1	
	N	2,786	9	9	9	2,786	9	2,786	32	
5	ESTIMATE	105	0.000	0.00	0.0	8,382	26.67	314	9.4	
	(SE)	105	0.000	0.00	0.0	5,131	6.67	181	5.2	
	N	2,786	3	3	3	2,786	3	2,786	32	
										PERCENT OF
										TOTAL
										LICENSEES
STATEWIDE	ESTIMATE	2,096	0.036	0.38	28.6	23,469	10.67	2,200	0.8	
	(SE)	678	0.020	0.16	10.1	7,691	2.68	478	0.2	
	N	2,786	21	21	21	2,786	21	2,786	2,786	

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	12,887	0.330	5.23	90.9	36,566	15.86	2,305	14.9	
	(SE)	4,413	0.055	1.56	6.3	14,957	5.67	490	2.9	
	N	2,786	22	22	22	2,786	22	2,786	148	
2	ESTIMATE	34,890	0.338	8.44	75.0	83,715	24.97	3,353	21.6	
	(SE)	10,628	0.084	2.57	7.8	24,447	5.91	589	3.4	
	N	2,786	32	32	32	2,786	32	2,786	148	
3	ESTIMATE	31,118	0.288	6.08	81.3	106,346	21.15	5,029	32.4	
	(SE)	6,614	0.063	0.99	5.7	27,597	4.63	720	3.9	
	N	2,786	48	48	48	2,786	48	2,786	148	
4	ESTIMATE	22,317	0.336	7.10	75.9	64,227	21.14	3,038	19.6	
	(SE)	8,168	0.092	2.37	8.1	16,351	3.77	561	3.3	
	N	2,786	29	29	29	2,786	29	2,786	148	
5	ESTIMATE	8,696	0.304	4.88	76.5	28,603	16.06	1,781	11.5	
	(SE)	3,477	0.093	1.60	10.6	13,319	6.59	431	2.6	
	N	2,786	17	17	17	2,786	17	2,786	148	
PERCENT OF TOTAL LICENSEES										
STATEWIDE	ESTIMATE	128,139	0.331	6.58	81.9	322,810	19.88	16,240	5.6	
	(SE)	18,103	0.037	0.80	3.1	44,657	2.23	1,268	0.4	
	N	2,786	155	155	155	2,786	155	2,786	2,786	

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	SEASONAL DAYS HUNTING	TOTAL HUNTERS	AVERAGE	PERCENT HUNTERS PER REGION
1	ESTIMATE	314	0.023	0.33	33.3	4,610	14,677	314	7.3	7.3
	(SE)	181	0.026	0.33	33.3	4,204	12,683	181	4.1	4.1
	N	2,786	3	3	3	2,786	3	2,786	41	41
2	ESTIMATE	314	0.009	0.08	8.3	11,420	9,088	1,257	29.3	29.3
	(SE)	181	0.010	0.08	8.3	5,201	3,344	362	7.2	7.2
	N	2,786	12	12	12	2,786	12	2,786	41	41
3	ESTIMATE	524	0.007	0.11	11.1	14,459	15,333	943	22.0	22.0
	(SE)	277	0.008	0.11	11.1	6,542	4,986	314	6.5	6.5
	N	2,786	9	9	9	2,786	9	2,786	41	41
4	ESTIMATE	210	0.000	0.00	0.0	11,106	9,644	1,153	26.8	26.8
	(SE)	148	0.000	0.00	0.0	5,457	3,922	347	7.0	7.0
	N	2,786	11	11	11	2,786	11	2,786	41	41
5	ESTIMATE	524	0.031	0.50	33.3	10,058	16,000	629	14.6	14.6
	(SE)	277	0.022	0.34	21.1	5,438	6,222	256	5.6	5.6
	N	2,786	6	6	6	2,786	6	2,786	41	41
PERCENT OF TOTAL										LICENSEES
STATEWIDE	ESTIMATE	2,410	0.029	0.24	78.0	35,728	8,322	4,296	1.5	
	(SE)	543	0.011	0.08	6.5	8,750	1,600	666	0.2	
	N	2,786	41	41	41	2,786	41	2,786	2,786	

TABLE 46. STATEWIDE SUMMARY OF TOTAL SQUIRREL HUNTING IN VIRGINIA DURING THE 1994-95 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	1,565,956	1.410	11.85	89.9	1,051,933	8.41	125,100	42.9
(SE)	58,047	0.049	0.38	0.9	46,834	0.33	2,737	0.9
N	2,786	1,194	1,194	1,194	2,786	1,194	2,786	2,786

TABLE 47. EXPANDED STATEWIDE SUMMARY OF TOTAL GOOSE HUNTING IN VIRGINIA DURING THE 1994-95 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	33,737	0.581	2.68	57.9	55,006	4.61	11,944	4.1
(SE)	6,218	0.074	0.46	4.6	6,864	0.39	1,096	0.4
N	2,786	114	114	114	2,786	114	2,786	2,786

TABLE 48. (Q21) PCT OF HUNTERS WHO HUNTED ON STATE WILDLIFE MGMT. AREAS DURING '94-95 AND MEAN NUMBER OF DAYS HUNTED.

PCT OF HUNTERS USING WMAS	13.20%
MEAN DAYS*	6.54
* INCLUDES ONLY THOSE HUNTING ON WMAS	

TABLE 49. (Q22, Q23) PERCEPTIONS OF HUNTERS REGARDING HUNTING ON WILDLIFE MANAGEMENT AREAS DURING 1994-95. *

		<u>MEAN</u>
QUALITY OF HUNTING		3.76
ABILITY TO HUNT UNDISTURBED		3.67

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

TABLE 50. (Q24) PERCEPTIONS OF FALL TURKEY HUNTERS REGARDING OVERALL QUALITY OF FALL TURKEY HUNTING DURING 1994. *

		<u>REGIONS</u>				
STATEWIDE		1	2	3	4	5
3.66		3.74	3.88	3.68	3.48	3.67

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

TABLE 51. (Q25) PERCEPTIONS OF SPRING TURKEY HUNTERS REGARDING OVERALL QUALITY OF SPRING TURKEY HUNTING DURING 1995. *

		<u>REGIONS</u>				
STATEWIDE		1	2	3	4	5
4.16		4.11	4.03	4.35	3.75	4.58

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

TABLE 52. (Q47) PERCEPTIONS OF DEER HUNTERS REGARDING OVERALL QUALITY OF DEER HUNTING DURING 1994-95. *

		<u>REGIONS</u>				
STATEWIDE		1	2	3	4	5
4.22		4.60	4.36	3.91	3.84	4.52

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

TABLE 53 (Q26) PERCEPTIONS OF BEAR HUNTERS REGARDING THE IMPORTANCE OF SELECTED HUNTING SEASONS. *

SEASONS	STATEWIDE
BEAR DOG TRAINING SEASON	3.08
BEAR HUNTING DURING ARCHERY DEER SEASON	4.46
BEAR HUNTING DURING GUN DEER SEASON	5.49
BEAR HUNTING WITH THE USE OF DOGS	3.78
MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT	

TABLE 54 (Q27) PREFERENCES OF RABBIT HUNTERS REGARDING SEASON CLOSING DATES. *

CLOSING DATES	STATEWIDE	REGIONS				
		1	2	3	4	5
JANUARY 31	3.99	3.38	4.16	4.32	3.96	3.64
FEBRUARY 7	3.27	3.47	3.30	3.10	2.97	3.28
FEBRUARY 14	3.64	3.80	3.79	3.29	3.44	3.65
FEBRUARY 28	5.08	5.60	5.05	4.54	4.94	5.26
MEAN SCORES, WHERE 1=STRONGLY OPPOSE, 7=STRONGLY FAVOR						

TABLE 55 (Q28) PERCEPTIONS OF RABBIT HUNTERS REGARDING REASONS THEY OPPOSED/STRONGLY OPPOSED FEBRUARY CLOSING DATES. (PCT)

REASONS	STATEWIDE	REGIONS				
		1	2	3	4	5
RABBIT POPULATIONS WOULD BE REDUCED	51.3	65.9	50.0	49.1	55.6	54.5
TO MANY PREGNANT RABBITS	29.4	17.1	31.9	35.8	29.6	24.2
DO NOT LIKE CHANGE	13.6	9.8	12.5	5.7	14.8	18.2
TOO COLD IN FEB.	5.7	7.3	5.6	9.4	0.0	3.0

TABLE 56. (Q29) PERCEPTIONS OF DOVE HUNTERS REGARDING DIFFICULTY LOCATING PLACES TO HUNT IN 1994-95. (PCT)

LEVEL OF DIFFICULTY	STATEWIDE	REGIONS				
		1	2	3	4	5
VERY DIFFICULT	24.1	21.1	28.7	23.9	20.3	25.0
MODERATELY DIFFICULT	24.2	23.6	19.7	19.6	32.2	30.0
SLIGHTLY DIFFICULT	17.5	17.4	15.7	21.7	15.3	20.0
NO PROBLEM	33.9	37.8	36.0	34.8	32.2	25.0

TABLE 57. (Q31) PERCEPTIONS OF DOVE HUNTERS REGARDING TRENDS IN DOVE POPULATIONS OVER THE PAST 10 YEARS. (PCT)

TREND	STATEWIDE	REGIONS				
		1	2	3	4	5
DECLINED DRAMATICALLY	9.0	7.0	11.3	15.6	4.9	8.0
DECLINED	29.0	24.6	33.9	17.8	37.7	30.4
REMAINED ABOUT THE SAME	43.8	47.2	39.5	57.8	41.0	41.3
INCREASED	11.9	16.1	11.3	6.7	6.6	9.4
INCREASED DRAMATICALLY	1.8	1.5	1.7	0.0	4.9	1.4
NO OPINION	4.5	3.5	2.3	2.2	4.9	9.4

TABLE 58. (Q34) PERCEPTIONS OF GROUSE HUNTERS REGARDING TRENDS IN RUFFED GROUSE POPULATIONS OVER THE PAST 10 YEARS. (PCT)

TREND	STATEWIDE	REGIONS				
		1	2	3	4	5
DECLINED DRAMATICALLY	16.5	0.0	27.8	13.8	15.3	17.6
DECLINED	35.6	50.0	33.3	36.2	37.8	29.4
REMAINED ABOUT THE SAME	33.0	25.0	33.3	30.2	33.7	47.1
INCREASED	9.9	25.0	5.6	16.4	5.1	0.0
INCREASED DRAMATICALLY	1.0	0.0	0.0	0.9	1.0	0.0
NO OPINION	4.0	0.0	0.0	2.6	7.1	5.9

TABLE 59. (Q35) PERCEPTIONS OF GROUSE HUNTERS REGARDING IMPORTANCE OF SELECTED BARRIERS TO HUNTING RUFFED GROUSE. *

BARRIERS	STATEWIDE	REGIONS				
		1	2	3	4	5
FAMILY OBLIGATIONS	4.51	4.00	4.23	4.64	4.35	4.72
JOB OBLIGATIONS	4.91	6.25	5.30	4.81	4.80	4.67
LACK OF PLACES TO HUNT	4.27	5.00	4.53	4.45	3.80	5.06
LOW GROUSE POPULATIONS (FEW FLUSHES, LOW HARVEST)	5.48	5.50	5.37	5.56	5.51	5.47
PREFER OTHER FORMS OF HUNTING	4.03	5.00	3.31	4.27	3.81	4.72
NO DOGS TO HUNT WITH	3.05	4.00	3.10	3.15	2.88	3.44
CONFLICTS WITH OTHER HUNTERS	2.84	3.25	2.38	3.06	2.62	3.39
IT IS PHYSICALLY TOO DIFFICULT	2.31	1.25	2.10	2.50	2.06	2.50
DO NOT LIKE THE TASTE OF GROUSE	2.73	3.00	2.27	2.93	2.61	2.59
OTHER	4.38	0.00	4.67	5.00	3.28	7.00
MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT						

TABLE 60. (Q36) STATEWIDE AND REGIONAL DISTRIBUTION OF RUFFED GROUSE HUNTING ACROSS EIGHT TYPES OF LAND DURING THE 1994-95 HUNTING SEASON. (PCT)

LAND TYPE	STATEWIDE	REGIONS				
		1	2	3	4	5
VDGIF WMA	5.2	9.3	7.2	3.8	3.3	15.2
NATL FORESTS	30.2	0.0	23.3	26.1	59.5	27.3
PRIVATE LAND	53.2	50.0	55.0	63.5	29.5	49.5
CORPORATE LAND	2.7	9.4	6.1	1.6	1.3	0.0
HUNT CLUB - PVT. LAND	4.9	0.0	3.9	2.7	4.8	4.0
HUNT CLUB - CORP. LAND	0.2	0.0	0.0	0.0	0.0	0.0
MILITARY LAND	0.3	0.0	1.7	0.0	0.0	2.0
OTHER	3.2	31.3	2.8	2.3	1.6	2.0

TABLE 61. (Q37) STATEWIDE AND REGIONAL SUMMARIES OF PREFERENCES FOR 121-DAY CROW SEASONS. *

SEASON DATES	STATEWIDE	REGIONS				
		1	2	3	4	5
AUG. 19 - MARCH 16 (MON., THURS., FRI. & SAT. ONLY)	4.24	4.59	4.35	4.23	3.94	4.12
AUG. 19 - MARCH 16 (MON., WED., FRI. & SAT. ONLY)	4.13	4.39	3.88	4.34	3.85	4.42
OCT. 28 - MAR. 16 (EVERY DAY OF THE WEEK, EXCEPT SUN.)	5.25	4.97	5.30	5.66	5.24	4.89

MEAN SCORES WHERE 1=STRONGLY OPPOSE, 7=STRONGLY FAVOR

TABLE 62. (Q39) PERCEPTIONS OF GUN DEER HUNTERS REGARDING TRENDS IN DEER POPULATIONS IN THE AREA THEY HUNTED IN 1994. (PCT)

TREND	STATEWIDE	REGIONS				
		1	2	3	4	5
DECLINED DRAMATICALLY	8.0	3.7	5.9	7.6	17.7	3.8
DECLINED	22.1	17.1	20.9	25.6	28.0	18.5
REMAINED ABOUT THE SAME	42.8	46.0	43.5	42.8	36.6	48.0
INCREASED	22.1	27.7	23.1	19.7	14.7	26.3
INCREASED DRAMATICALLY	3.8	3.7	5.5	3.5	2.2	2.6
NO OPINION	1.2	1.7	1.1	0.8	0.7	0.9

TABLE 63. (Q40) OPINIONS OF DEER (GUN) HUNTERS REGARDING THE APPROPRIATE NUMBER OF DOE DAYS. (PCT)

DAYS	STATEWIDE	REGIONS				
		1	2	3	4	5
INCREASE DAYS	36.0	44.6	35.2	31.8	26.5	38.5
KEEP DAYS THE SAME	44.7	44.0	48.6	41.8	43.6	46.5
DECREASE DAYS	18.0	9.7	14.6	23.8	26.7	13.0
NO OPINION	2.3	1.7	1.6	2.8	3.1	2.0

TABLE 64. (Q45) MEAN RANKINGS OF DEER (GUN) HUNTERS REGARDING THE MOST PREFERRED METHODS OF REDUCING BUCK HARVEST. *

METHODS	STATEWIDE	REGIONS				
		1	2	3	4	5
SHORTEN ARCHERY SEASON	3.02	3.07	2.89	3.13	3.04	3.11
REDUCE ARCHERY BUCK LIMIT TO 1 ANTLERED BUCK	2.65	2.60	2.63	2.71	2.55	2.76
SHORTEN MUZZLELOADER SEASON TO 1 WEEK	2.89	2.83	2.83	2.95	2.91	3.00
REDUCE MUZZLELOADER BUCK LIMIT TO 1 ANTLERED BUCK	2.53	2.55	2.55	2.61	2.46	2.49
REDUCE REGULAR GUN BUCK LIMIT TO 1 ANTLERED BUCK	3.45	3.65	3.75	3.20	3.12	3.57

* 1=MOST PREFERRED, 5=LEAST PREFERRED

TABLE 65. (Q46) STATEWIDE AND REGIONAL DISTRIBUTION OF DEER (GUN) HUNTING ACROSS EIGHT TYPES OF LAND DURING THE 1994-95 HUNTING SEASON. (PCT)

LAND TYPE	STATEWIDE	REGIONS				
		1	2	3	4	5
VDGIF WMA	2.5	1.6	3.3	2.0	2.1	3.2
NATL FORESTS	12.9	1.6	6.3	33.6	37.8	3.4
PRIVATE LAND	50.2	33.7	51.7	58.8	48.4	55.5
CORPORATE LAND	2.8	1.9	4.6	1.2	1.5	3.2
HUNT CLUB - PVT. LAND	20.6	39.8	20.9	2.8	8.8	23.3
HUNT CLUB - CORP. LAND	7.4	16.2	10.3	0.1	0.0	5.6
MILITARY LAND	1.9	3.2	1.3	0.7	0.2	4.1
OTHER	1.6	2.0	1.6	0.1	1.2	1.8

TABLE 66. (Q48-Q49) STATEWIDE SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.553	5.818	0.265
Q48B	6.032	6.229	0.197
Q48C	5.478	5.681	0.203
Q48D	5.605	5.138	-0.467
Q48E	4.916	4.905	-0.011
Q48F	3.615	3.575	-0.04
Q48G	3.930	3.999	0.069
Q48H	3.100	2.619	-0.481
Q48I	6.139	4.670	-1.469
Q48J	5.791	5.235	-0.556
Q48K	5.523	4.422	-1.101
Q48L	6.497	5.564	-0.933
Q48M	5.311	5.344	0.033
Q48N	5.226	4.442	-0.784
Q48O	2.848	3.112	0.264
Q48P	4.562	4.468	-0.094
Q48Q	5.466	5.679	0.213
Q48R	6.139	5.953	-0.186
Q48S	6.189	5.746	-0.443
Q48T	5.327	3.936	-1.391
Q48U	2.994	3.067	0.073

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 67. (Q48, Q49) REGION 1 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.437	5.718	0.281
Q48B	5.885	6.124	0.239
Q48C	5.203	5.413	0.21
Q48D	5.316	4.910	-0.406
Q48E	4.476	4.512	0.036
Q48F	3.490	3.439	-0.051
Q48G	3.791	3.899	0.108
Q48H	3.148	2.684	-0.464
Q48I	6.053	4.916	-1.137
Q48J	5.642	5.422	-0.22
Q48K	5.244	4.225	-1.019
Q48L	6.485	5.649	-0.836
Q48M	5.419	5.525	0.106
Q48N	5.302	4.535	-0.767
Q48O	4.314	4.963	0.649
Q48P	4.006	4.032	0.026
Q48Q	5.253	5.680	0.427
Q48R	6.023	5.865	-0.158
Q48S	5.997	5.882	-0.115
Q48T	5.345	4.278	-1.067
Q48U	4.493	4.745	0.252
* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT			
** PERFORMANCE - IMPORTANCE			

TABLE 68. (Q48, Q49) REGION 2 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.560	5.793	0.233
Q48B	6.055	6.238	0.183
Q48C	5.544	5.717	0.173
Q48D	5.693	5.247	-0.446
Q48E	4.941	4.939	-0.002
Q48F	3.739	3.692	-0.047
Q48G	4.064	4.109	0.045
Q48H	3.111	2.659	-0.452
Q48I	6.090	4.875	-1.215
Q48J	5.770	5.409	-0.361
Q48K	5.565	4.608	-0.957
Q48L	6.507	5.510	-0.997
Q48M	5.330	5.319	-0.011
Q48N	5.286	4.493	-0.793
Q48O	3.370	3.715	0.345
Q48P	4.557	4.660	0.103
Q48Q	5.593	5.848	0.255
Q48R	6.201	6.039	-0.162
Q48S	6.188	5.947	-0.241
Q48T	5.319	4.166	-1.153
Q48U	3.571	3.709	0.138

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 69. (Q48, Q49) REGION 3 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.649	5.910	0.261
Q48B	6.094	6.332	0.238
Q48C	5.573	5.844	0.271
Q48D	5.732	5.341	-0.391
Q48E	5.175	5.233	0.058
Q48F	3.646	3.706	0.06
Q48G	3.942	4.035	0.093
Q48H	2.995	2.503	-0.492
Q48I	6.192	4.497	-1.695
Q48J	5.717	5.067	-0.65
Q48K	5.569	4.464	-1.105
Q48L	6.482	5.658	-0.824
Q48M	5.229	5.294	0.065
Q48N	5.190	4.376	-0.814
Q48O	1.596	1.539	-0.057
Q48P	4.709	4.563	-0.146
Q48Q	5.526	5.635	0.109
Q48R	6.131	6.005	-0.126
Q48S	6.263	5.693	-0.57
Q48T	5.418	3.879	-1.539
Q48U	1.714	1.473	-0.241

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

** PERFORMANCE - IMPORTANCE

TABLE 70. (Q48, Q49) REGION 4 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.690	5.974	0.284
Q48B	6.133	6.279	0.146
Q48C	5.431	5.597	0.166
Q48D	5.669	5.072	-0.597
Q48E	5.074	4.941	-0.133
Q48F	3.391	3.323	-0.068
Q48G	3.765	3.808	0.043
Q48H	3.042	2.429	-0.613
Q48I	6.164	4.085	-2.079
Q48J	5.896	4.773	-1.123
Q48K	5.553	4.284	-1.269
Q48L	6.515	5.497	-1.018
Q48M	5.199	5.276	0.077
Q48N	5.162	4.296	-0.866
Q48O	1.664	1.679	0.015
Q48P	4.655	4.294	-0.361
Q48Q	5.446	5.438	-0.008
Q48R	6.144	5.824	-0.320
Q48S	7.000	5.300	-1.700
Q48T	5.215	3.232	-1.983
Q48U	1.767	1.658	-0.109
* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT			
** PERFORMANCE - IMPORTANCE			

TABLE 71 (Q48, Q49) REGION 5 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED GUN DEER HUNTING ATTRIBUTES (1994-95).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q48A	5.567	5.719	0.152
Q48B	6.032	6.177	0.145
Q48C	5.584	5.722	0.138
Q48D	5.529	4.979	-0.550
Q48E	4.828	4.754	-0.074
Q48F	3.613	3.510	-0.103
Q48G	3.974	4.012	0.038
Q48H	3.126	2.680	-0.446
Q48I	6.216	4.944	-1.272
Q48J	5.953	5.535	-0.418
Q48K	5.751	4.496	-1.255
Q48L	6.572	5.533	-1.039
Q48M	5.430	5.301	-0.129
Q48N	5.217	4.386	-0.831
Q48O	3.245	3.626	0.381
Q48P	4.847	4.673	-0.174
Q48Q	5.477	5.757	0.280
Q48R	6.198	6.086	-0.112
Q48S	6.251	5.902	-0.349
Q48T	5.364	4.033	-1.331
Q48U	3.364	3.689	0.325
* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT			
** PERFORMANCE - IMPORTANCE			

**TABLE 72. (Q48) STATEWIDE & REGIONAL SUMMARIES OF GUN DEER HUNTERS' PERCEPTIONS
OF THE IMPORTANCE OF SELECTED ATTRIBUTES ASSOCIATED WITH HARVESTING DEER. ***

ATTRIBUTE	STATEWIDE	REGIONS				
		1	2	3	4	5
Q48V	4.053	4.135	4.109	4.020	3.817	4.100
Q48W	3.511	3.610	3.596	3.433	3.326	3.551
Q48X	5.172	5.065	5.139	5.345	5.087	5.224
Q48Y	3.513	3.653	3.731	3.363	3.082	3.605
Q48Z	4.680	4.508	4.816	4.796	4.454	4.699
Q48AA	5.495	5.056	5.506	5.850	5.588	5.464

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 7=EXTREMELY IMPORTANT

TABLE 73. (Q38) MEAN NUMBER OF ANIMALS SEEN BY ARCHERY DEER HUNTERS IN 1994-95 BY REGION.

SPECIES	STATEWIDE	REGIONS				
		1	2	3	4	5
BEAR	0.247	0.051	0.147	0.257	0.545	0.246
BOBCAT	0.225	0.146	0.305	0.222	0.161	0.195
COYOTE	0.087	0.010	0.020	0.240	0.055	0.037
GRAY FOX	1.013	1.667	0.987	0.556	1.027	1.409
MINK	0.096	0.333	0.062	0.043	0.056	0.037
RACCOON	1.743	2.353	1.955	1.897	1.607	1.122
RED FOX	1.473	1.337	0.987	0.960	1.252	3.479
WEASEL	0.015	0.042	0.007	0.006	0.019	0.000

TABLE 74. SUMMARY OF GUN DEER HUNTERS' PERCEPTIONS REGARDING BONUS DEER PERMITS.

		REGIONS				
PERCEPTIONS	STATEWIDE	1	2	3	4	5
(Q41) PURCHASED BONUS PERMITS '94-95 (PCT)	14.1	18.3	13.8	13.1	11.7	17.4
(Q41A) MEAN NUMBER PURCHASED	1.40	1.47	1.49	1.42	1.28	1.33
(Q42) MAKE PERMITS ANTLERLESS ONLY *	2.81	2.88	2.81	2.83	3.00	2.66
(Q43) WOULD PURCHASE ANTLERLESS (PCT)	43.7	34.8	40.3	44.2	56.3	50.8
(Q44) BAG LIMIT FOR ANTLERED BUCKS	2.6	2.8	2.8	2.5	2.3	2.7

TABLE 75. MISCELLANEOUS STATISTICS REGARDING DOVE & RUFFED GROUSE HUNTING DURING 1994-95.

DOVE	
(Q30) PCT OF HUNTERS WHO LEASE FOR DOVES	20.3% (N=135)
(Q30A) DOVE LEASE ALLOWS OTHER HUNTING?	35.5% (N=48)
RUFFED GROUSE	
(Q32) MEAN YEARS OF GROUSE HUNTING	14.19 yrs. (N=288)
(Q33) PCT OF HUNTERS WHO HUNT WITH DOGS	29.5% (N=85)
(Q33A) PCT OF HUNTERS WHO OWN DOGS	63.5% (N=54)

References

- Cochran, W.G. 1977. Sampling techniques. 3rd ed. New York: John Wiley and Sons, Inc. 428 pp.
- Davis, D.E. and R.L. Winstead. 1980. Estimating the numbers of wildlife populations. Pages 221-246 in S.D. Schemnitz, ed. Wildlife management techniques manual. 4th ed. Washington, DC: The Wildl. Soc. 686 pp.
- Dillman, D.A. 1978. Mail and telephone surveys: the total design method. New York: John Wiley and Sons, Inc. 321 pp.
- Filion, F.L. 1980. Human surveys in wildlife management. Pages 441-453 in S.D. Schemnitz, ed. Wildlife management techniques manual. 4th ed. Washington, DC: The Wildl. Soc. 686 pp.
- Jackson, R. and R. Norton. 1979. Improving ethical behavior in hunters. Trans. N. Amer. Wildl. and Natur. Resour. Conf. 44:306-318.
- Steffen, D.E. 1987. Mississippi mail survey of game harvest and hunter effort for 1986-87. Jackson, MS: Dept. of Wildl. Cons. 49 pp.
- Wright, B.A. 1995. Virginia Survey of Hunter Harvest, Effort and Attitudes 1993-94. Richmond, VA: Dept. of Game & Inland Fisheries. 80 pp.

Appendix

Virginia Hunter Survey



Virginia Department of Game and Inland Fisheries
and George Mason University

**VIRGINIA DEPARTMENT OF
GAME AND INLAND FISHERIES**
HUNTER QUESTIONNAIRE

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, never attributed to any individual.

1. Did you purchase a Virginia resident hunting license for the 1994-95 hunting season (July 1, 1994 - June 30, 1995)?
 Yes
 No (If no, do not go further. Please fold the questionnaire, place it in the return envelope, and return it as soon as possible.)
2. What type of license(s) did you purchase? (✓ Check 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) _____
3. Please indicate the degree to which you favor or oppose each of the following dates when hunting licenses would first be available for purchase each year.

	Strongly Oppose	Does Not Matter	Strongly Favor
a. July 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. July 15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. August 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. August 15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

On the next page, we would like information regarding the number of game animals you harvested during the 1994-95 hunting season.

INSTRUCTIONS:

- Put the number of animals you harvested personally in 1994-95 in each of the boxes below. Be as accurate as possible.
- Do not include game taken by anyone other than you.
- 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.

4. Small Game (Birds) Harvest:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

5. Small Game (Mammals) Harvest:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/Woodchuck

6. Big Game Harvest:

Deer						Turkey			Bear		
Archery		Muzzleloader		Gun		Spring 1994	Fall 1994	Spring 1995	Archery	Gun	
Bucks	Does	Bucks	Does	Bucks	Does				No Dogs 11/28-12/3	Dogs Permitted 12/5-1/7	

7. Waterfowl Harvest:

Ducks				Geese	
Mallard	Wood	Black	All Others	Sept. Season	Nov.-Jan. Season

8. Furbearer Harvest:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat

Next, we would like to know more about 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.

9. Small Game (Birds) Days Hunted:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

10. Small Game (Mammals) Days Hunted:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/Woodchuck

11. Big Game Days Hunted:

Deer			Turkey			Bear		
Archery	Muzzleloader	Gun	Spring '94	Fall, '94	Spring, '95	Archery	Gun	
							No Dogs 11/28-12/3	Dogs Permitted 12/5-1/7

12. Waterfowl Days Hunted:

Ducks	Geese	
	Sept. Season	Nov.-Jan. Season

13. Furbearers Days Hunted:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat

Using the map at the bottom of this page, indicate the region of the state where you most often hunted each species by placing the number corresponding to that region in the space provided. If you did not hunt an animal, leave the space blank.

14. Small Game (Birds) Region Hunted:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

15. Small Game (Mammals) Region Hunted:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/Woodchuck

16. Big Game Region Hunted:

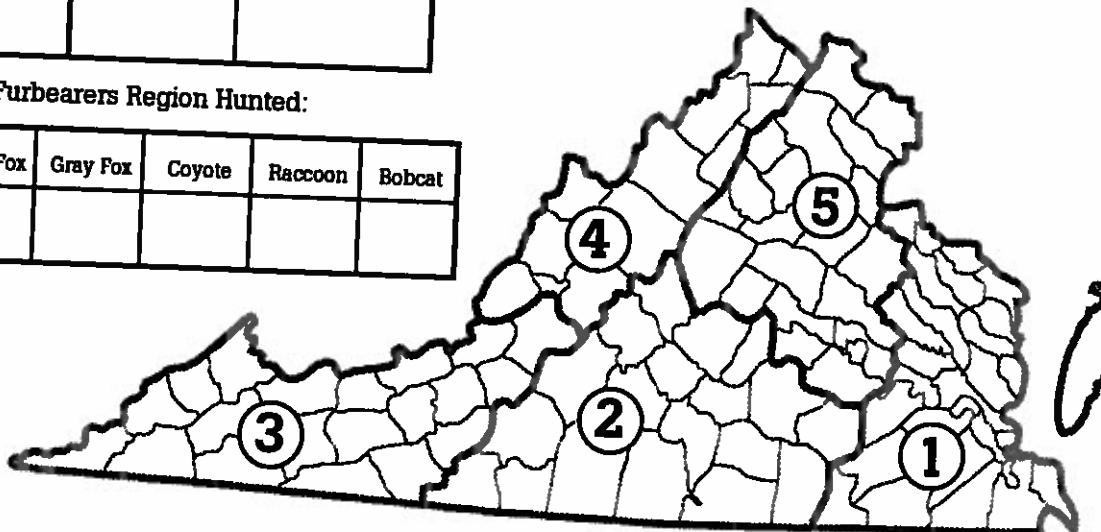
Deer			Turkey			Bear		
Archery	Muzzleloader	Gun	Spring '94	Fall, '94	Spring, '95	Archery	Gun	
							No Dogs 11/28-12/3	Dogs Permitted 12/5-1/7

17. Waterfowl Region Hunted:

Ducks	Geese	
	Sept. Season	Nov.-Jan. Season

18. Furbearers Region Hunted:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat



19. Next, please indicate the county where you most often hunted DEER (Gun) during 1994. If you did not hunt deer, leave the space blank.

_____ County.

20. Now, indicate the county where you most often hunted TURKEYS during Fall 1994. If you did not hunt turkeys in the fall, leave the space blank.

_____ County.

21. Did you hunt on a State Wildlife Management Area (WMA) during the 1994-95 hunting seasons?

no yes not sure

If yes, how many days did you hunt on state wildlife management areas? _____ days
(If no, skip to question #24.)

22. Overall, how would you rate the quality of your hunting on WMAs?

Poor	Adequate	Excellent
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. Overall, how would you rate your ability to hunt undisturbed on WMAs during 1994-95?

Poor	Adequate	Excellent
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

24. Overall, how do you rate the quality of your 1994 FALL TURKEY season?

(If you did not hunt turkeys in the fall, skip to question #25.)

Poor	Adequate	Excellent
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

25. Overall, how do you rate the quality of your 1995 SPRING TURKEY season?

(If you did not hunt turkeys in the spring, skip to question #26.)

Poor	Adequate	Excellent
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

26. How important is it for you to have the opportunity to hunt BLACK BEAR during the following hunting seasons?

- a. Bear Dog Training Season
- b. Bear Hunting during Archery Deer Season
- c. Bear Hunting during Gun Deer Season
- d. Bear Hunting with the use of Dogs

Not Important	Does not Matter	Extremely Important
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

27. If you were able to choose the closing date for RABBIT season, please indicate the degree to which you favor or oppose each of the following closing date options:

	Strongly Oppose		Does Not Matter		Strongly Favor	
a. January 31	<input type="checkbox"/>					
b. February 7	<input type="checkbox"/>					
c. February 14	<input type="checkbox"/>					
d. February 28	<input type="checkbox"/>					

28. If you opposed any of the February closing dates for rabbit season, please indicate the most important reason. (✓ Check only one.)

- Rabbit populations would be reduced by extra hunting pressure.
- There are too many pregnant rabbits in February.
- I do not like change.
- It is too cold in February.
- Other (please specify) _____

29. How difficult was it for you to locate a place to hunt DOVES during the 1994-95 season? (✓ Check only one.)

- very difficult
- moderately difficult
- slightly difficult
- no problem
- I do not hunt doves

30. Did you lease land or pay a fee for the opportunity to hunt DOVES during the 1994-95 season?

No Yes

If yes, did this fee also allow you to hunt other wildlife species?

No Yes

31. In your opinion, over the past 10 years, has the number of DOVES in your area (✓ Check only one.):

- Declined dramatically
- Declined
- Remained about the same
- Increased
- Increased dramatically
- No opinion

The next group of questions ask for information pertaining to hunting RUFFED GROUSE.
(If you have never hunted ruffed grouse, skip to question #37.)

32. How many years have you made at least one trip specifically to hunt RUFFED GROUSE in Virginia? _____ years

33. Do you usually hunt grouse (Check only one):

- Without dogs?
- With dogs?

If you usually use dogs, do you own dogs for grouse hunting?

- Yes
- No

34. In your opinion, over the last 10 years, have grouse populations in your area (Check only one.):

- Declined dramatically
- Declined
- Remained about the same
- Increased
- Increased dramatically
- No opinion

35. How important are each of the following factors in limiting your grouse hunting?

	Not Important	Does not Matter	Extremely Important
a. Family obligations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Job obligations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Lack of places to hunt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Low grouse populations (few flushes, low harvest)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Prefer other forms of hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. No dogs to hunt with	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Conflicts with other hunters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. It is physically too difficult	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Do not like the taste of grouse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Other (please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

36. Now we would like to know about the types of land on which you hunted RUFFED GROUSE during the 1994-95 hunting season. Please indicate the number of days and average distance (1-way) you traveled to each of the following types of land:

No. of Days	Average Miles Traveled (1-way)
_____	VDGIF Wildlife Management Area
_____	National Forests (U.S. Forest Service)
_____	Private Land (excluding hunt club or leased land)
_____	Corporate Land (e.g. Westvaco) (excluding hunt club or leased land)
_____	Hunt Club(s) on Leased Private Land
_____	Hunt Club(s) on Leased Corporate Land
_____	Military Land
_____	Other (please specify) _____

37. Please indicate the degree to which you favor or oppose each of the following 121-day CROW seasons.

	Strongly Oppose	Does Not Matter	Strongly Favor
Aug. 19-March 16 (Mon., THURS., Fri. & Sat. only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aug. 19-March 16 (Mon., WED., Fri. & Sat. only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Oct. 28-Mar. 16 (Every day of the week, except Sun.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

In this next section, we want to know about your preferences and experiences regarding DEER hunting in Virginia.

38. During the 1994 ARCHERY DEER SEASON, how many times did you SEE each of the following species? In each of the following blanks, place a number reflecting the number of animals you saw. If you did not see an animal, place a zero (0). (If you did not bow hunt for deer during 1994, please skip to question #39.)

_____	Bear	_____	Mink
_____	Bobcat	_____	Weasel
_____	Red Fox	_____	Raccoon
_____	Gray Fox	_____	Coyote

39. When compared to previous years, would you say the number of deer in the area you hunted in 1994: (Check only one.)
- Declined dramatically
 Declined
 Remained about the same
 Increased
 Increased dramatically
 No opinion
40. In the area where you hunt during Gun-Deer season, would you increase, decrease, or keep the number of DOE DAYS as it is now? (Check only one.)
- Increase the number of doe days.
 Keep the number of doe days the same.
 Decrease the number of doe days.
 No opinion.
41. Did you purchase any bonus deer permits during the 1994-95 deer seasons?

no yes

If yes, how many sets of permits did you buy? _____ sets

42. Currently, each set of bonus deer permits allows the harvest of 1 either-sex deer (either a buck or a doe) and 1 antlerless deer. Please indicate the degree to which you favor or oppose making bonus deer permits legal for antlerless deer only.

Strongly Oppose	Does Not Matter	Strongly Favor
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

43. Would you purchase bonus deer permit(s) if they were only valid for antlerless deer?

no yes not sure

44. In your opinion, what should the yearly bag limit be for antlered bucks?

_____ bucks per year

45. If the buck harvest needed to be reduced, what method would you prefer to reduce the harvest? Please rank each of the following methods by placing a "1" by the most preferred method, "2" by the second most preferred method, ... "5" next to the least preferred method.

_____ shorten the archery season
_____ reduce the archery buck limit to 1 antlered buck
_____ shorten the early muzzleloader season length to 1 week
_____ reduce the early muzzleloader buck limit to 1 antlered buck
_____ reduce the regular gun buck limit to 1 antlered buck

46. Now we would like to know about the types of land on which you hunted DEER with a gun. Please indicate the number of days and average distance you traveled to each of the following types of land:

No. of Days	Average Miles Traveled (1-way)
VDGIF Wildlife Management Area	
National Forests (U.S. Forest Service)	
Private Land (excluding hunt club or leased land)	
Corporate Land (e.g. Westvaco) excluding hunt club or leased land)	
Hunt Club(s) on Leased Private Land	
Hunt Club(s) on Leased Corporate Land	
Military Land	
Other (please specify)	

Now, we would like you to tell us your overall impression of the quality of your DEER (Gun) hunting experiences in Virginia during the 1994-95 season. (If you did not hunt deer with a gun in 1994-95, you have now completed the survey. Please fold the survey and return it to us soon as possible.)

- | Poor | Adequate | Excellent |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
47. Overall, how do you rate the quality of your deer (gun) hunting during 1994-95?
48. Next, we'd like you to imagine an EXCELLENT DEER (GUN) SEASON. In the next set of questions, please indicate how essential the following attributes are to an excellent deer season. Please put a "check" in the box which best describes your feelings about each one.

You may feel some attributes are more essential than others. Check the first box if you feel an attribute is not at all essential to an excellent season. Check the last box if an attribute is absolutely essential. When you feel less certain about how essential the attribute is, check one of the boxes toward the middle.

	Not At All Essential for Excellence	Nice But Not Essential	Absolutely Essential
a. Getting away from civilization and everyday problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Being close to nature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Maintaining and/or using my equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Spending sufficient time scouting the areas I intend to hunt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Being able to spend plenty of time patterning my firearm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Not At All Essential for Excellence	Nice But Not Essential	Absolutely Essential for Excellence
f. Watching TV programs about deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Reading magazines about deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Attending seminars to learn more about deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Seeing deer while hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Seeing and hearing other wildlife while hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Seeing very few other hunters while hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Feeling reasonably safe while in the woods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Spending time with my hunting companions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Teaching someone the skills of hunting deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Hunting deer with dogs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Combining deer hunting with hunting other species (e.g., turkeys and/or bears)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Getting a shot at a deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. The challenge of deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. Seeing deer sign (tracks, rubs, scrapes, etc.) while deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. Seeing a trophy deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. Hunting in areas where hunting with dogs is permitted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v. Displaying a trophy deer, antlers, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
w. Killing an anterless deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
x. Killing an antlered deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
y. Killing 3 or more deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
z. Killing a trophy deer to mount	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
aa. Killing a deer for meat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

In the previous section, you told us about the attributes that make for an excellent deer season. Now, we would like to ask you specifically about your deer (gun) hunting during 1994.

49. Please tell us the degree to which you agree or disagree with the following statements.

	Strongly Disagree	Neither Agree Nor Disagree	Strongly Agree				
During the 1994 deer season, I:							
a. Was able to get away from civilization and everyday problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Felt close to nature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Spent sufficient time maintaining and using my equipment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Spent sufficient time scouting the areas I hunted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Spent plenty of time patterning my firearm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Watched plenty of TV programs about deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Read plenty of magazines about deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Was able to attend a seminar(s) to learn more about deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Saw plenty of deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Saw and heard plenty of other wildlife	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Saw very few other hunters while hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Felt reasonably safe while I was in the woods	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Was able to spend plenty of time with my hunting companions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Taught someone the skills of hunting deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Had the opportunity to hunt deer with dogs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Was able to combine my deer hunting with hunting other species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Had the opportunity to shoot at a deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. Was personally challenged by deer hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. Saw plenty of deer sign	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. Saw a trophy deer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. Benefited by hunting in areas where dogs were permitted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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 Resources
Policy at (703) 993-2064.

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

