VIRGINIA SURVEY OF HUNTER HARVEST, EFFORT AND ATTITUDES

1995-96

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Virginia Survey of Hunter Harvest, Effort and Attitudes
1995-96

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) estimate game harvest and hunter effort indices for major game and furbearing species in Virginia; and,

(b) 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 4,943 Virginia hunters was drawn from license records maintained by the Administrative Services Division of the Department of Game and Inland Fisheries. A stratified, 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 1994-95 season were eligible to be drawn (N = 291,901). 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 three categories, then 100 license

Table 1.
1994-1995 Hunting Population and Survey Sample Statistics

	Population	Sample	Pct.
State Resident Licenses	256,289	4,340	87.8%
County/City Licenses	22,476	381	7.7%
Senior (65+) Licenses	13,136	222	4.5%
TOTALS	291,901	4,943	100%

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 4,943 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 283 surveys were returned as undeliverable (persons moved, wrong address given, etc.). They were removed from the original sample. Another 3,804 questionnaires had been returned. Of that total, 348 persons either did not purchase a license in 1994-95 (265 persons/5.4%) or refused to complete the survey (83 persons/1.6%), and were subsequently removed from the sample as well. Consequently, a total of 2,670 usable questionnaires were received, resulting in an effective response rate of 61.9% (effective n = 4,312).

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, 1995-96

	Population	Pct.
State Resident Licenses	249,466	88.3%
County/City Licenses	18,557	6.7%
Senior (65+) Licenses	14,469	5.7%
TOTALS	282,492	100%

Regional comparisons were made based on the five regions of Virginia depicted in Figure 1. For a detailed account of the statistical formulas used for specific statewide and regional calculations of estimates and standard errors, readers are 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 40 game species (or subpopulations of game animals) during the 1995-96 hunting seasons. Statewide summaries are shown in Tables 3 and 4. Regional estimates are provided in Tables 5-43. The second section assesses hunters' preferences for selected season dates, bag limits, shooting hours and other data pertinent to management of hunting in Virginia. This information is included in Tables 44-72.

The third section of assesses the importance hunters assign to specific attributes of a spring turkey hunting experience, as well as an evaluation of their actual experiences during the 1996 spring season. The differences found to occur between a hunter's perceptions of how "essential" a particular attribute of a spring turkey 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 turkey hunting during a particular season. As with previous analyses, these data are summarized statewide and regionally in Tables 73-79.

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 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 1995-96 hunting season (n=282,492). However, the statistics reported for Spring Turkey (1995) used a factor of 291,901 since this season was actually during the 1994-95 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

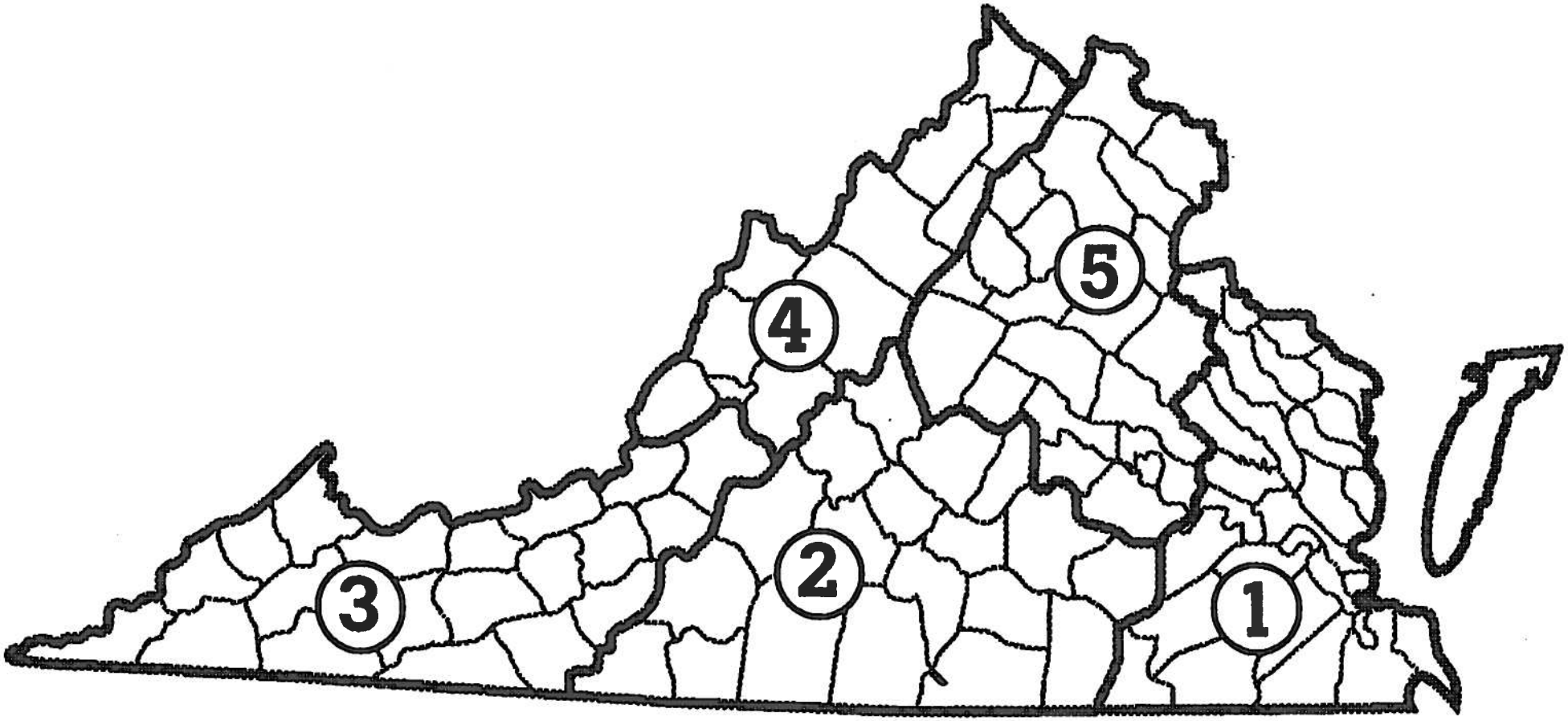


fig. 1

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.

BLE 3. EXPANDED STATEWIDE SUMMARY OF THE 95-96 VIRGINIA SURVEY OF GAME HARVEST BASED ON 282,492 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
VE		1,289,366	4.509	19.06	88.0	278,787	4.23	65,915	23.3
AIL		202,370	1.542	7.85	58.6	128,704	5.09	25,287	9.0
OODCOCK		14,924	0.822	2.65	52.5	13,654	3.23	4,232	1.5
FFED GROUSE		66,045	0.446	2.07	57.5	137,277	4.63	29,625	10.5
OW		291,277	2.441	10.68	83.7	96,316	4.38	22,007	7.8
BBIT		612,507	1.412	8.57	81.0	409,714	6.07	67,502	23.9
TAL SQUIRREL		1,443,895	1.550	12.00	89.0	897,222	7.74	115,853	41.0
RAY SQUIRREL		1,287,567	1.812	10.87	88.2	679,611	6.00	113,208	40.1
OX SQUIRREL		156,329	0.607	3.85	73.5	217,611	6.35	34,280	12.1
OUNDHOG/ OODCHUCK		575,145	1.129	10.78	92.1	421,357	9.55	44,120	15.6
TAL DEER		322,924	0.083	1.35	56.0	3,788,187	16.31	232,236	82.2
UCK		187,446	0.048	0.78	44.9	----	----	----	----
OE		135,478	0.035	0.57	34.5	----	----	----	----
HERY		35,986	0.043	0.45	28.2	778,785	10.33	75,331	26.7
UCK		19,157	0.023	0.24	18.0	----	----	----	----
OE		16,829	0.020	0.21	16.3	----	----	----	----
ZZLELOADER		61,282	0.080	0.58	37.7	727,557	7.24	100,406	35.5
UCK		44,136	0.059	0.43	30.7	----	----	----	----
OE		17,146	0.021	0.15	13.3	----	----	----	----
		225,655	0.095	0.97	49.5	2,281,845	10.21	223,349	79.1
UCK		124,152	0.052	0.53	37.3	----	----	----	----
OE		101,502	0.043	0.44	29.4	----	----	----	----
HEY LY 95-96		47,082	0.069	0.39	27.8	866,415	7.61	109,294	38.7
RING 1995 *		21,545	0.054	0.31	24.1	372,286	5.73	64,940	22.2
ALL 1995		26,778	0.051	0.26	21.8	462,211	5.14	89,932	31.8
RING 1996		20,322	0.049	0.29	23.8	404,525	5.93	68,137	24.1
AIR		635	0.005	0.03	3.1	116,849	6.77	17,246	6.1
TAL DUCKS		188,504	1.565	12.07	86.2	118,331	7.71	15,341	5.4
ALLARD		62,341	0.515	3.97	66.9	----	----	----	----
OOD		39,267	0.323	2.49	52.4	----	----	----	----
LACK		19,898	0.165	1.28	36.6	----	----	----	----
L OTHERS		66,998	0.562	4.33	40.0	----	----	----	----
TAL GEESE		18,946	0.697	2.38	53.1	23,074	3.41	6,771	2.4
EPT		8,679	0.755	1.70	46.8	11,219	2.26	4,973	1.8
HY FEB		10,267	0.625	2.33	36.7	11,854	3.73	3,174	1.1
D FOX		22,227	0.186	1.34	60.4	84,572	7.21	11,744	4.2
EY FOX		14,389	0.187	1.23	57.5	60,519	6.57	9,205	3.3
YOTE		3,493	0.051	0.88	48.5	60,753	17.39	3,491	1.2
OON		124,893	0.485	7.91	87.5	234,757	16.31	14,389	5.1
AT		3,387	0.083	0.56	33.3	28,048	6.79	4,126	1.5
[illegible]	TOTAL LICENSES '94-'95								

E 4. EXPANDED STATEWIDE ESTIMATES OF TOTAL HARVEST (WITH STD ERRORS) FOR VIRGINIA GAME SPECIES DURING 1995-96.

				STANDARD ERROR			95% CONFIDENCE INTERVAL	
PECIES		TOTAL HARVEST		SE	AS % OF TOTAL *		LOWER LIMIT	UPPER LIMIT
		1,289,366		77,286	6.0		1,134,794	1,443,938
		202,370		30,461	15.1		141,447	263,292
OCOCK		14,924		3,819	25.6		7,285	22,562
ED GROUSE		66,045		7,524	11.4		50,996	81,094
		291,277		48,304	16.6		194,669	387,885
T		612,507		52,491	8.6		507,526	717,488
SQUIRREL		1,443,895		58,677	4.1		1,326,541	1,561,250
Y SQUIRREL		1,287,567		53,375	4.1		1,180,817	1,394,316
SQUIRREL		156,329		13,289	8.5		129,751	182,906
NDHOG/ CHUCK		575,145		59,385	10.3		456,374	693,916
DEER		322,924		9,969	3.1		302,987	342,861
K		187,446		6,238	3.3		174,970	199,921
		135,478		5,356	4.0		124,765	146,190
RY		35,986		2,984	8.3		30,018	41,955
K		19,157		1,811	9.5		15,535	22,780
		16,829		1,652	9.8		13,525	20,133
EL ADER		61,282		3,488	5.7		54,307	68,258
K		44,136		2,764	6.3		38,608	49,664
		17,146		1,535	9.0		14,077	20,216
		225,655		7,308	3.2		211,040	240,270
K		124,152		4,364	3.5		115,424	132,881
		101,502		4,355	4.3		92,792	110,213
Y L 95-96		47,082		2,761	5.9		41,560	52,604
NG **		21,545		1,845	8.6		17,856	25,235
1995		26,778		1,873	7.0		23,032	30,524
NG 1996		20,322		1,694	8.3		16,933	23,710
		635		259	40.8		117	1,153
DUCKS		188,504		25,668	13.6		137,169	239,839
ARD		62,341		8,960	14.4		44,422	80,260
D		39,267		5,726	14.6		27,816	50,719
K		19,898		3,392	17.0		13,114	26,682
THERS		66,998		13,476	20.1		40,046	93,950
		18,946		5,041	26.6		8,865	29,027
		8,679		2,477	28.5		3,725	13,633
		10,267		4,397	42.8		1,472	19,061
		22,227		4,271	19.2		13,685	30,768
		14,389		3,212	22.3		7,966	20,812
		3,493		927	26.5		1,640	5,346
		124,893		17,161	13.7		90,571	159,216
		3,387		908	26.8		1,571	5,204
100 (E/T AL HARVEST)								
AL LICENSES '94-'95								

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	441,513	4.911	18.47	87.3	84,748	3.76	22,536	27.6
1	(SE)	43,265	0.269	1.40	2.3	7,248	0.21	1,482	1.6
	N	2,670	213	213	213.0	2,670	213	2,670	773
	ESTIMATE	389,564	4.348	17.07	83.3	84,324	3.93	21,478	26.3
2	(SE)	44,963	0.282	1.67	2.6	8,287	0.28	1,449	1.6
	N	2,670	203	203	203.0	2,670	203	2,670	773
	ESTIMATE	184,413	4.362	18.38	78.6	37,454	4.21	8,887	10.9
3	(SE)	34,618	0.565	3.12	4.5	5,585	0.44	954	1.1
	N	2,670	84	84	84	2,670	84	2,670	773
	ESTIMATE	219,751	3.484	17.72	84.0	57,028	5.08	11,215	13.7
4	(SE)	32,100	0.553	2.09	3.6	4,006	939320.00	1,068	1.2
	N	2,670	106	106	106	2,670	106	2,670	773
	ESTIMATE	348,830	4.607	18.26	83.2	70,041	3.96	17,669	21.6
5	(SE)	39,882	0.302	1.66	2.9	7,676	0.32	1,324	1.5
	N	2,670	167	167	167	2,670	167	2,670	773
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	1,289,366	4.509	19.06	88.0	278,787	4.23	65,915	23.3
STATEWIDE	(SE)	77,286	0.167	0.95	1.2	17,886	0.22	2,313	0.8
	N	2,670	773	773	773	2,670	773	2,670	2,670

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	103,898	1.940	11.07	63.6	53,113	5.70	9,311	27.2
1	(SE)	23,521	0.271	2.26	5.2	11,103	1.04	976	2.5
	N	2,670	88	88	88	2,670	88	2,670	324
	ESTIMATE	64,751	1.374	6.96	63.5	45,601	5.07	8,993	26.2
2	(SE)	16,943	0.249	1.74	5.3	7,816	0.68	960	2.4
	N	2,670	85	85	85	2,670	85	2,670	324
	ESTIMATE	16,928	0.692	2.53	35.1	22,007	3.65	6,031	17.6
3	(SE)	5,464	0.213	0.84	6.4	3,800	0.41	790	2.1
	N	2,670	57	57	57	2,670	57	2,670	324
	ESTIMATE	16,823	1.049	3.75	47.5	15,130	3.58	4,232	12.3
4	(SE)	5,348	0.273	1.13	8.0	3,205	0.52	664	1.8
	N	2,670	40	40	40	2,670	40	2,670	324
	ESTIMATE	29,942	1.122	4.94	50.0	25,181	4.41	5,713	16.7
5	(SE)	8,427	0.206	1.32	6.9	5,207	0.70	770	2.1
	N	2,670	54	54	54	2,670	54	2,670	324
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	202,370	1.542	7.85	58.6	128,704	5.09	25,287	9.0
STATEWIDE	(SE)	30,461	0.110	1.10	2.7	14,415	0.48	1,561	0.6
	N	2,670	324	324	324	2,670	324	2,670	2,670

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	5,079	0.500	1.50	58.3	3,809	3.00	1,270	17.6
1	(SE)	1,574	0.188	0.05	14.9	1,464	0.80	366	4.7
	N	2,670	12	12	12	2,670	12	2,670	68
	ESTIMATE	10,580	0.747	3.42	52.6	9,205	4.58	2,010	27.9
2	(SE)	3,485	0.208	1.41	11.8	3,420	1.38	460	5.5
	N	2,670	19	19	19	2,670	19	2,670	68
	ESTIMATE	5,079	0.600	1.64	54.5	3,174	2.73	1,164	16.2
3	(SE)	1,609	0.290	0.59	15.7	1,346	0.85	350	4.5
	N	2,670	11	11	11	2,670	11	2,670	68
	ESTIMATE	3,915	0.212	0.58	33.3	3,492	2.75	1,270	17.6
4	(SE)	1,406	0.104	0.26	14.2	1,453	0.86	366	4.7
	N	2,670	12	12	12	2,670	12	2,670	68
	ESTIMATE	5,502	0.629	1.57	42.9	3,703	2.50	1,481	20.6
5	(SE)	1,811	0.325	0.72	13.7	1,398	0.69	395	4.9
	N	2,670	14	14	14	2,670	14	2,670	68
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	14,924	0.822	2.65	52.5	13,654	3.23	4,232	1.5
STATEWIDE	(SE)	3,819	0.097	0.73	6.1	3,610	0.69	664	0.2
	N	2,670	68	68	68	2,670	68	2,670	2,670

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
1	ESTIMATE	6,560	0.313	1.41	44.8	13,860	4.52	3,068	7.6
	(SE)	1,760	0.099	0.41	9.4	4,328	1.16	567	1.4
	N	2,670	29	29	29	2,670	29	2,670	380
2	ESTIMATE	9,205	0.296	1.25	47.2	23,594	4.21	5,608	13.9
	(SE)	1,957	0.062	0.26	6.9	5,159	0.73	763	1.8
	N	2,670	53	53	53	2,670	53	2,670	380
3	ESTIMATE	42,109	0.456	2.44	56.5	83,372	5.36	15,553	38.7
	(SE)	6,366	0.050	0.35	4.1	9,790	0.46	1,247	2.5
	N	2,670	147	147	147	2,670	147	2,670	380
4	ESTIMATE	24,546	0.543	1.86	61.3	40,311	3.43	11,744	29.2
	(SE)	4,254	0.074	0.31	4.6	5,206	0.31	1,091	2.3
	N	2,670	111	111	111	2,670	111	2,670	380
5	ESTIMATE	8,570	0	1.45	50	15,870	3.75	4,232	10.5
	(SE)	1,936	0.107	0.33	8.0	3,441	0.57	664	1.6
	N	2,670	40	40	40	2,670	40	2,670	380
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	66,045	0.446	2.07	57.5	137,277	4.63	29,625	10.5
	(SE)	7,524	0.030	0.22	2.5	11,943	0.31	1,675	0.6
	N	2,670	380	380	380	2,670	380	2,670	2,670

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	60,519	2.730	9.08	75.5	17,246	3.33	5,184	17.3
1	(SE)	18,944	0.792	2.77	6.2	3,460	0.48	734	2.2
	N	2,670	49	49	49	2,670	49	2,670	284
	ESTIMATE	155,212	2.891	11.77	83.1	35,761	4.07	8,782	29.2
2	(SE)	42,132	0.568	2.60	4.1	5,688	0.48	949	2.7
	N	2,670	83	83	83	2,670	83	2,670	284
	ESTIMATE	57,980	1.588	7.88	81.6	25,710	4.96	5,184	17.3
3	(SE)	14,580	0.230	1.49	5.6	5,420	0.78	734	2.2
	N	2,670	49	49	49	2,670	49	2,670	284
	ESTIMATE	45,283	1.451	5.92	78.0	21,584	4.08	5,290	17.6
4	(SE)	12,632	0.325	0.99	5.9	4,161	0.55	741	2.3
	N	2,670	50	50	50	2,670	50	2,670	284
	ESTIMATE	69,512	2.844	9.98	77.4	19,679	3.51	5,608	18.7
5	(SE)	19,229	0.624	2.54	5.8	3,511	0.41	763	2.3
	N	2,670	53	53	53	2,670	53	2,670	284
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	291,277	2.441	10.68	83.7	96,316	4.38	22,007	7.8
STATEWIDE	(SE)	48,304	0.222	1.40	2.2	9,599	0.33	1,466	0.5
	N	2,670	284	284	284	2,670	284	2,670	2,670

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	165,898	1.408	8.42	75.0	106,331	5.98	17,775	19.6
	(SE)	33,132	0.236	1.73	3.4	14,769	0.70	1,328	1.4
	N	2,670	168	168	168	2,670	168	2,670	855
2	ESTIMATE	244,509	1.458	9.60	76.9	156,799	6.59	23,806	26.3
	(SE)	39,738	0.186	1.54	2.8	17,052	0.58	1,519	1.5
	N	2,670	225	225	225	2,670	225	2,670	855
3	ESTIMATE	201,024	1.518	9.63	76.8	121,461	6.34	19,150	21.2
	(SE)	40,769	0.272	1.99	3.1	14,031	0.58	1,375	1.4
	N	2,670	181	181	181	2,670	181	2,670	855
4	ESTIMATE	134,792	1.612	8.69	73.1	76,389	5.39	14,178	15.7
	(SE)	31,966	0.311	2.12	3.8	9,985	0.54	1,194	1.2
	N	2,670	134	134	134	2,670	134	2,670	855
5	ESTIMATE	135,109	1.422	7.82	72.8	85,594	5.50	15,553	17.2
	(SE)	31,532	0.280	1.91	3.7	10,956	0.55	1,247	1.3
	N	2,670	147	147	147	2,670	147	2,670	855
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	612,507	1.412	8.57	81.0	409,714	6.07	67,502	23.9
	(SE)	52,491	0.074	0.71	1.3	25,334	0.31	2,332	0.8
	N	2,670	855	855	855	2,670	855	2,670	2,670

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	268,103	1.815	9.80	85.0	141,140	5.40	26,133	16.8
	(SE)	23,799	0.125	0.68	2.3	12,458	0.35	1,584	1.0
	N	2,670	247	247	247	2,670	247	2,670	1,471
2	ESTIMATE	414,533	1.935	11.37	86.9	204,622	5.88	34,809	22.4
	(SE)	36,545	0.133	0.86	1.9	16,761	0.37	1,797	1.1
	N	2,670	329	329	329	2,670	329	2,670	1,471
3	ESTIMATE	422,786	1.649	11.11	88.0	237,209	6.73	35,232	22.6
	(SE)	31,250	0.092	0.63	1.8	18,062	0.38	1,807	1.1
	N	2,670	333	333	333	2,670	333	2,670	1,471
4	ESTIMATE	347,349	1.777	10.48	86.9	185,894	5.90	31,529	20.3
	(SE)	27,952	0.098	0.66	2.0	14,745	0.34	1,722	1.0
	N	2,670	298	298	298	2,670	298	2,670	1,471
5	ESTIMATE	272,653	1.614	9.00	84.1	155,741	5.58	27,932	17.9
	(SE)	23,303	0.104	0.62	2.3	13,816	0.37	1,632	1.0
	N	2,670	264	264	264	2,670	264	2,670	1,471
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	1,287,567	1.812	10.87	88.2	679,611	6.00	113,208	40.1
	(SE)	53,375	0.044	0.39	0.8	2,838	0.20	2,680	0.9
	N	2,670	1,471	1,471	1,471	2,670	1,471	2,670	2,670

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	21,584	0.403	2.07	46.3	22,324	5.15	4,338	8.9
	(SE)	7,061	0.098	0.48	7.9	4,633	0.72	672	1.3
	N	2,670	41	41	41	2,670	41	2,670	463
2	ESTIMATE	25,816	0.457	2.12	47.4	28,038	4.65	6,031	12.3
	(SE)	7,305	0.097	0.43	6.7	5,388	0.66	790	1.5
	N	2,670	57	57	57	2,670	57	2,670	463
3	ESTIMATE	85,382	0.647	4.06	70.1	102,417	6.29	16,294	33.3
	(SE)	10,842	0.066	0.40	3.7	11,461	0.50	1,275	2.2
	N	2,670	154	154	154	2,670	154	2,670	463
4	ESTIMATE	70,464	0.547	3.53	74.7	99,560	6.45	15,447	31.5
	(SE)	9,581	0.059	0.34	3.6	11,795	0.56	1,243	2.2
	N	2,670	146	146	146	2,670	146	2,670	463
5	ESTIMATE	28,778	0.420	2.34	52.3	38,301	5.57	6,877	14.0
	(SE)	7,852	0.104	0.55	6.2	7,689	0.89	843	1.6
	N	2,670	65	65	65	2,670	65	2,670	463
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	156,329	0.607	3.85	73.5	217,611	6.35	34,280	12.1
	(SE)	13,289	0.032	0.26	2.1	17,314	0.38	1,785	0.6
	N	2,670	463	463	463	2,670	463	2,670	2,670

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	108,765	0.764	7.38	82.6	94,058	9.66	9,734	14.6
1	(SE)	14,462	0.115	1.04	4.0	15,953	1.31	997	1.4
	N	2,670	92	92	92	2,670	92	2,670	632
	ESTIMATE	181,239	1.155	10.76	88.8	123,260	9.32	13,225	19.8
2	(SE)	40,833	0.280	2.90	2.8	18,525	1.14	1,155	1.6
	N	2,670	125	125	125	2,670	125	2,670	632
	ESTIMATE	279,318	1.086	12.16	88.0	196,686	11.20	17,563	26.3
3	(SE)	37,335	0.122	1.61	2.5	25,818	1.21	1,320	1.8
	N	2,670	166	166	166	2,670	166	2,670	632
	ESTIMATE	156,693	0.842	7.70	91.3	133,417	9.14	14,601	21.8
4	(SE)	18,208	0.099	0.86	2.4	19,111	1.07	1,211	1.6
	N	2,670	138	138	138	2,670	138	2,670	632
	ESTIMATE	162,830	1.014	9.39	86.5	108,765	9.26	11,744	17.6
5	(SE)	25,087	0.152	1.27	3.3	16,429	1.11	1,091	1.5
	N	2,670	111	111	111	2,670	111	2,670	632
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	575,145	1.129	10.78	92.1	421,357	9.55	44,120	15.6
STATEWIDE	(SE)	59,385	0.066	1.12	1.1	33,711	0.63	1,985	0.7
	N	2,670	632	632	632	2,670	632	2,670	2,670

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	7,618	0.041	0.41	23.4	138,284	10.21	13,543	15.2
1	(SE)	1,563	0.008	0.10	3.8	17,449	0.94	1,168	1.2
	N	2,670	128	128	128	2,670	128	2,670	843
	ESTIMATE	11,956	0.045	0.52	31.7	220,069	11.56	19,044	21.4
2	(SE)	1,815	0.004	0.08	3.5	24,473	0.98	1,371	1.4
	N	2,670	180	180	180	2,670	180	2,670	843
	ESTIMATE	11,638	0.038	0.42	28.6	251,386	10.95	22,959	25.7
3	(SE)	1,617	0.001	0.06	3.1	22,328	0.66	1,494	1.5
	N	2,670	217	217	217	2,670	217	2,670	843
	ESTIMATE	8,252	0.036	0.36	24.5	168,331	9.76	17,246	19.3
4	(SE)	1,321	0.002	0.06	3.4	17,628	0.71	1,309	1.4
	N	2,670	163	163	163	2,670	163	2,670	843
	ESTIMATE	9,205	0.043	0.42	28.4	160,185	9.77	16,399	18.4
5	(SE)	1,436	0.003	0.07	3.6	17,867	0.78	1,279	1.3
	N	2,670	155	155	155	2,670	155	2,670	843
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	35,986	0.043	0.45	28.2	778,785	10.33	75,331	26.7
STATEWIDE	(SE)	2,984	0.002	0.04	1.6	36,502	0.35	2,418	0.9
	N	2,670	843	843	843	2,670	843	2,670	2,670

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	4,550	0.025	0.26	16.4	138,284	10.21	13,543	15.2
1	(SE)	936	0.005	0.06	3.3	17,449	0.94	1,168	1.2
	N	2,670	128	128	128	2,670	128	2,670	843
	ESTIMATE	7,406	0.029	0.33	23.9	220,069	11.56	19,044	21.4
2	(SE)	1,207	0.004	0.06	3.2	24,473	0.98	1,371	1.4
	N	2,670	180	180	180	2,670	180	2,670	843
	ESTIMATE	5,502	0.018	0.19	17.1	251,386	10.95	22,959	25.7
3	(SE)	866	0.003	0.03	2.6	22,328	0.66	1,494	1.5
	N	2,670	217	217	217	2,670	217	2,670	843
	ESTIMATE	4,761	0.022	0.21	17.2	168,331	9.76	17,246	19.3
4	(SE)	848	0.004	0.04	3.0	17,628	0.71	1,309	1.4
	N	2,670	163	163	163	2,670	163	2,670	843
	ESTIMATE	4,550	0.021	0.21	17.4	160,185	9.77	16,399	18.4
5	(SE)	794	0.004	0.04	3.1	17,867	0.78	1,279	1.3
	N	2,670	155	155	155	2,670	155	2,670	843
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	19,157	0.023	0.24	18.0	778,785	10.33	75,331	26.7
STATEWIDE	(SE)	1,811	0.002	0.02	1.3	36,502	0.35	2,418	0.9
	N	2,670	843	843	843	2,670	843	2,670	2,670

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	3,068	0.015	0.16	10.9	138,284	10.21	13,543	15.2
1	(SE)	797	0.005	0.05	2.8	17,449	0.94	1,168	1.2
	N	2,670	128	128	128	2,670	128	2,670	843
	ESTIMATE	4,550	0.016	0.19	13.9	220,069	11.56	19,044	21.4
2	(SE)	862	0.003	0.04	2.6	24,473	0.98	1,371	1.4
	N	2,670	180	180	180	2,670	180	2,670	843
	ESTIMATE	6,137	0.021	0.23	17.5	251,386	10.95	22,959	25.7
3	(SE)	1,008	0.003	0.04	2.6	22,328	0.66	1,494	1.5
	N	2,670	217	217	217	2,670	217	2,670	843
	ESTIMATE	3,492	0.014	0.14	12.9	168,331	9.76	17,246	19.3
4	(SE)	674	0.003	0.03	2.6	17,628	0.71	1,309	1.4
	N	2,670	163	163	163	2,670	163	2,670	843
	ESTIMATE	4,655	0.022	0.21	16.8	160,185	9.77	16,399	18.4
5	(SE)	868	0.004	0.04	3.0	17,867	0.78	1,279	1.3
	N	2,670	155	155	155	2,670	155	2,670	843
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	16,829	0.020	0.21	16.3	778,785	10.33	75,331	26.7
STATEWIDE	(SE)	1,652	0.002	0.02	1.3	36,502	0.35	2,418	0.9
	N	2,670	843	843	843	2,670	843	2,670	2,670

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	10,898	0.095	0.71	38.9	100,406	7.53	13,331	11.1
1	(SE)	1,650	0.002	0.10	4.4	16,028	1.01	1,159	0.9
	N	2,670	126	126	126	2,670	126	2,670	1,140
	ESTIMATE	19,256	0.086	0.63	40.7	199,861	7.32	27,297	22.6
2	(SE)	2,007	0.000	0.06	3.1	17,102	0.45	1,616	1.2
	N	2,670	258	258	258	2,670	258	2,670	1,140
	ESTIMATE	15,341	0.054	0.43	30.9	256,465	7.90	32,481	26.9
3	(SE)	1,629	0.000	0.04	2.6	19,553	0.43	1,744	1.3
	N	2,670	307	307	307	2,670	307	2,670	1,140
	ESTIMATE	14,707	0.062	0.47	32.6	216,048	7.48	28,884	23.9
4	(SE)	1,801	0.000	0.05	2.8	19,750	0.53	1,657	1.3
	N	2,670	273	273	273	2,670	273	2,670	1,140
	ESTIMATE	13,649	0.095	0.63	38.6	124,000	6.66	18,621	15.4
5	(SE)	1,805	0.003	0.08	3.7	14,047	0.58	1,357	1.1
	N	2,670	176	176	176	2,670	176	2,670	1,140
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	61,282	0.080	0.58	37.7	727,557	7.24	100,406	35.5
STATEWIDE	(SE)	3,488	0.001	0.22	1.4	29,471	0.19	2,617	0.9
	N	2,670	1,140	1,140	1,140	2,670	1,140	2,670	2,670

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	7,089	0.070	0.52	31.0	100,406	7.53	13,331	11.1
1	(SE)	1,284	0.015	0.08	4.1	16,028	1.01	1,159	0.9
	N	2,670	126	126	126	2,670	126	2,670	1,140
	ESTIMATE	12,062	0.058	0.42	31.4	199,861	7.32	27,297	22.6
2	(SE)	1,400	0.006	0.04	2.9	17,102	0.45	1,616	1.2
	N	2,670	258	258	258	2,670	258	2,670	1,140
	ESTIMATE	11,215	0.042	0.34	26.1	256,465	7.90	32,481	26.9
3	(SE)	1,304	0.005	0.04	2.5	19,553	0.43	1,744	1.3
	N	2,670	307	307	307	2,670	307	2,670	1,140
	ESTIMATE	10,475	0.048	0.36	27.8	216,048	7.48	28,884	23.9
4	(SE)	1,433	0.007	0.05	2.7	19,750	0.53	1,657	1.3
	N	2,670	273	273	273	2,670	273	2,670	1,140
	ESTIMATE	8,676	0.067	0.44	31.3	124,000	6.66	18,621	15.4
5	(SE)	1,250	0.010	0.06	3.5	14,047	0.58	1,357	1.1
	N	2,670	176	176	176	2,670	176	2,670	1,140
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	44,136	0.059	0.43	30.7	727,557	7.24	100,406	35.5
STATEWIDE	(SE)	2,764	0.003	0.02	1.4	29,471	0.19	2,617	0.9
	N	2,670	1,140	1,140	1,140	2,670	1,140	2,670	2,670

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	3,809	0.025	0.19	18.3	100,406	7.53	13,331	11.1
1	(SE)	760	0.006	0.04	3.5	16,028	1.01	1,159	0.9
	N	2,670	126	126	126	2,670	126	2,670	1,140
	ESTIMATE	7,195	0.029	0.21	17.4	199,861	7.32	27,297	22.6
2	(SE)	1,070	0.004	0.03	2.4	17,102	0.45	1,616	1.2
	N	2,670	258	258	258	2,670	258	2,670	1,140
	ESTIMATE	4,126	0.012	0.09	8.5	256,465	7.90	32,481	26.9
3	(SE)	795	0.002	0.02	1.6	19,553	0.43	1,744	1.3
	N	2,670	307	307	307	2,670	307	2,670	1,140
	ESTIMATE	4,232	0.014	0.11	10.3	216,048	7.48	28,884	23.9
4	(SE)	788	0.003	0.02	1.8	19,750	0.53	1,657	1.3
	N	2,670	273	273	273	2,670	273	2,670	1,140
	ESTIMATE	4,973	0.028	0.19	15.9	124,000	6.66	18,621	15.4
5	(SE)	911	0.006	0.04	2.8	14,047	0.58	1,357	1.1
	N	2,670	176	176	176	2,670	176	2,670	1,140
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	17,146	0.021	0.15	13.3	727,557	7.24	100,406	35.5
STATEWIDE	(SE)	1,535	0.002	0.01	1.0	29,471	0.19	2,617	0.9
	N	2,670	1,140	1,140	1,140	2,670	1,140	2,670	2,670

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	63,376	0.098	1.23	50.0	605,824	12.45	48,669	17.8
1	(SE)	5,128	0.007	0.09	2.3	33,739	0.45	2,065	0.8
	N	2,670	460	460	460	2,670	460	2,670	2,591
	ESTIMATE	71,628	0.089	1.00	51.7	748,445	11.21	66,761	24.4
2	(SE)	4,514	0.005	0.06	2.0	34,644	0.34	2,323	0.8
	N	2,670	631	631	631	2,670	631	2,670	2,591
	ESTIMATE	40,416	0.082	0.65	41.6	450,929	7.92	56,922	20.8
3	(SE)	2,999	0.006	0.04	2.1	23,646	0.28	2,193	0.8
	N	2,670	538	538	538	2,670	538	2,670	2,591
	ESTIMATE	42,215	0.089	0.77	44.8	445,322	8.70	51,208	18.7
4	(SE)	3,088	0.006	0.05	2.3	25,273	0.34	2,107	0.8
	N	2,670	484	484	484	2,670	484	2,670	2,591
	ESTIMATE	52,901	0.083	0.96	49.8	583,817	11.54	50,573	18.4
5	(SE)	3,718	0.005	0.06	2.3	32,165	0.42	2,096	0.8
	N	2,670	478	478	478	2,670	478	2,670	2,591
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	225,655	0.095	0.97	49.5	2,281,845	10.21	223,349	79.1
STATEWIDE	(SE)	7,308	0.002	0.03	1.0	44,526	0.17	2,225	0.8
	N	2,670	2,591	2,591	2,591	2,670	2,591	2,670	2,670

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	32,587	0.050	0.62	36.7	605,824	12.45	48,669	17.8
	(SE)	2,789	0.004	0.05	2.3	33,739	0.45	2,065	0.8
	N	2,670	460	460	460	2,670	460	2,670	2,591
2	ESTIMATE	39,782	0.041	0.46	38.4	748,445	11.21	66,761	24.4
	(SE)	2,721	0.003	0.03	1.9	34,644	0.34	2,323	0.8
	N	2,670	631	631	631	2,670	631	2,670	2,591
3	ESTIMATE	22,959	0.046	0.36	29.0	450,929	7.92	56,922	20.8
	(SE)	1,855	0.004	0.03	2.0	23,646	0.28	2,193	0.8
	N	2,670	538	538	538	2,670	538	2,670	2,591
4	ESTIMATE	24,864	0.051	0.45	33.7	445,322	8.70	51,208	18.7
	(SE)	1,969	0.004	0.03	2.2	25,273	0.34	2,107	0.8
	N	2,670	484	484	484	2,670	484	2,670	2,591
5	ESTIMATE	30,154	0.047	0.54	37.4	583,817	11.54	50,573	18.4
	(SE)	2,334	0.003	0.04	2.2	32,165	0.42	2,096	0.8
	N	2,670	478	478	478	2,670	478	2,670	2,591
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	124,152	0.052	0.53	37.3	2,281,845	10.21	223,349	79.1
	(SE)	4,364	0.001	0.02	1.0	44,526	0.17	2,225	0.8
	N	2,670	2,591	2,591	2,591	2,670	2,591	2,670	2,670

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	30,789	0.049	0.61	34.6	605,824	12.45	48,669	17.8
	(SE)	2,988	0.004	0.06	2.2	33,739	0.45	2,065	0.8
	N	2,670	460	460	460	2,670	460	2,670	2,591
2	ESTIMATE	31,846	0.040	0.45	30.6	748,445	11.21	66,761	24.4
	(SE)	2,511	0.003	0.03	1.8	34,644	0.34	2,323	0.8
	N	2,670	631	631	631	2,670	631	2,670	2,591
3	ESTIMATE	17,457	0.036	0.29	22.3	450,929	7.92	56,922	20.8
	(SE)	1,696	0.003	0.03	1.8	23,646	0.28	2,193	0.8
	N	2,670	538	538	538	2,670	538	2,670	2,591
4	ESTIMATE	17,352	0.037	0.32	24.0	445,322	8.70	51,208	18.7
	(SE)	1,726	0.003	0.03	1.9	25,273	0.34	2,107	0.8
	N	2,670	484	484	484	2,670	484	2,670	2,591
5	ESTIMATE	22,747	0.037	0.42	31.0	583,817	11.54	50,573	18.4
	(SE)	1,945	0.003	0.03	2.1	32,165	0.42	2,096	0.8
	N	2,670	478	478	478	2,670	478	2,670	2,591
									PERCENT OF TOTAL LICENSEES
STATEWIDE	ESTIMATE	101,502	0.043	0.44	29.4	2,281,845	10.21	223,349	79.1
	(SE)	4,355	0.001	0.02	0.9	44,526	0.17	2,225	0.8
	N	2,670	2,591	2,591	2,591	2,670	2,591	2,670	2,670

TABLE 23. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER HUNTING IN VIRGINIA DURING THE 1995-96 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	322,924	0.083	1.35	56.0	3,788,187	16.31	232,236	82.2
STATEWIDE	(SE)	9,969	0.002	0.04	1.1	78,439	0.30	2,091	0.7
	N	2,670	2,195	2,195	2,195	2,670	2,195	2,670	2,670

TABLE 24 EXPANDE STATEWIDE SUMMARY OF TOTAL DEER (UCKS) HUNT G IN VI G IA DURING TH 995-96 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	187,446	0.048	0.78	44.9	3,788,187	16.31	232,236	82.2
STATEWIDE	(SE)	6,238	0.001	0.03	1.1	78,439	0.30	2,091	0.7
	N	2,670	2,195	2,195	2,195	2,670	2,195	2,670	2,670

TABLE 25. EXPANDED STATEWIDE SUMMARY OF TOTAL DEER (DOES) HUNTING IN VIR INI DURING THE 9 5-96 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	135,478	0.035	0.57	34.5	3,788,187	16.31	232,236	82.2
STATEWIDE	(SE)	5,356	0.001	0.02	1.0	78,439	0.30	2,091	0.7
	N	2,670	2,195	2,195	2,195	2,670	2,195	2,670	2,670

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	6,232	0.057	0.35	25.4	91,725	6.08	15,087	18.1
1	(SE)	1,103	0.009	0.06	3.7	10,432	0.47	1,251	1.4
	N	2,670	138	138	138	2,670	138	2,670	764
	ESTIMATE	7,653	0.058	0.32	24.2	115,339	5.55	20,772	24.9
2	(SE)	1,116	0.008	0.00	3.1	11,281	0.38	1,453	1.6
	N	2,670	190	190	190	2,670	190	2,670	764
	ESTIMATE	6,669	0.050	0.28	22.9	109,873	5.61	19,569	23.4
3	(SE)	1,012	0.007	0.04	3.1	10,669	0.37	1,413	1.5
	N	2,670	179	179	179	2,670	179	2,670	764
	ESTIMATE	3,936	0.039	0.21	17.4	79,262	5.49	14,431	17.3
4	(SE)	785	0.007	0.04	3.3	9,565	0.47	1,225	1.4
	N	2,670	132	132	132	2,670	132	2,670	764
	ESTIMATE	3,608	0.041	0.19	17.6	64,393	4.71	13,666	16.4
5	(SE)	714	0.008	0.04	3.4	7,548	0.37	1,194	1.3
	N	2,670	125	125	125	2,670	125	2,670	764
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	-	-	-	-	-	-	-	-
STATEWIDE	(SE)	-	#DIV/0!	0.03	-	19,594	0.22	-	-
	N	2,670	764	764	764	2,670	764	2,670	2,670

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	4,020	0.037	0.18	16.1	91,096	4.78	19,044	15.0
1	(SE)	698	0.007	0.03	2.7	9,302	0.35	1,371	1.0
	N	2,670	180	180	180	2,670	180	2,670	1,204
	ESTIMATE	11,109	0.054	0.30	24.4	177,536	5.54	32,058	25.2
2	(SE)	1,238	0.006	0.03	2.5	13,527	0.30	1,734	1.3
	N	2,670	303	303	303	2,670	303	2,670	1,204
	ESTIMATE	8,041	0.044	0.23	19.7	155,106	5.16	30,048	23.6
3	(SE)	1,047	0.006	0.03	2.4	11,746	0.26	1,686	1.2
	N	2,670	284	284	284	2,670	284	2,670	1,204
	ESTIMATE	5,607	0.033	0.18	15.4	130,348	5.26	24,758	19.4
4	(SE)	833	0.005	0.03	2.4	11,053	0.30	1,546	1.1
	N	2,670	234	234	234	2,670	234	2,670	1,204
	ESTIMATE	6,031	0.042	0.22	18.7	112,785	5.25	21,478	16.9
5	(SE)	897	0.007	0.03	2.7	10,752	0.35	1,449	1.1
	N	2,670	203	203	203	2,670	203	2,670	1,204
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	26,778	0.051	0.26	21.8	462,211	5.14	89,932	31.8
STATEWIDE	(SE)	1,873	0.003	0.02	1.2	19,035	0.15	2,547	0.9
	N	2,670	1,204	1,204	1,204	2,670	1,204	2,670	2,670

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	6,242	0.055	0.36	27.4	108,553	6.54	16,611	18.0
1	(SE)	1,013	0.007	0.05	3.6	11,327	0.46	1,286	1.3
	N	2,670	157	157	157	2,670	157	2,670	874
	ESTIMATE	5,819	0.051	0.27	23.2	108,447	5.39	20,102	21.7
2	(SE)	897	0.007	0.04	3.1	10,909	0.39	1,406	1.4
	N	2,670	190	190	190	2,670	190	2,670	874
	ESTIMATE	7,618	0.057	0.32	27.3	126,963	5.56	22,853	24.7
3	(SE)	1,026	0.007	0.04	3.0	11,309	0.34	1,491	1.5
	N	2,670	216	216	216	2,670	216	2,670	874
	ESTIMATE	4,232	0.040	0.22	18.4	91,942	5.50	16,717	18.1
4	(SE)	773	0.006	0.04	3.1	10,287	0.45	1,290	1.3
	N	2,670	158	158	158	2,670	158	2,670	874
	ESTIMATE	4,444	0.048	0.25	19.6	86,123	5.32	16,188	17.5
5	(SE)	829	0.008	0.04	3.2	9,403	0.40	1,271	1.3
	N	2,670	153	153	153	2,670	153	2,670	874
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	20,322	0.049	0.29	23.8	404,525	5.93	68,137	24.1
STATEWIDE	(SE)	1,694	0.003	0.02	1.4	20,224	0.22	2,339	0.8
	N	2,670	874	874	874	2,670	874	2,670	2,670

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	0	0.004	0.03	3.1	29,307	8.66	3,386	12.0
1	(SE)	0	0.004	0.03	3.1	11,031	2.93	595	2.0
	N	2,670	32	32	32	2,670	32	2,670	267
	ESTIMATE	212	0.006	0.04	4.3	34,068	7.00	4,867	17.2
2	(SE)	150	0.005	0.03	3.0	7,122	1.06	712	2.3
	N	2,670	46	46	46	2,670	46	2,670	267
	ESTIMATE	0	0.000	0.00	0.0	29,307	5.54	5,290	18.7
3	(SE)	0	0.000	0.00	0.0	6,122	0.87	741	2.4
	N	2,670	50	50	50	2,670	50	2,670	267
	ESTIMATE	106	0.000	0.00	0.0	67,396	6.78	9,945	35.2
4	(SE)	106	0.000	0.00	0.0	10,869	0.85	1,008	2.9
	N	2,670	94	94	94	2,670	94	2,670	267
	ESTIMATE	212	0.007	0.04	4.4	31,212	6.56	4,761	16.9
5	(SE)	150	0.005	0.03	3.1	6,964	1.11	704	2.3
	N	2,670	45	45	45	2,670	45	2,670	267
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	635	0.005	0.03	3.1	116,849	6.77	17,246	6.1
STATEWIDE	(SE)	259	0.001	0.01	1.1	15,846	0.76	1,309	0.5
	N	2,670	267	267	267	2,670	267	2,670	2,670

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	142,092	1.626	15.81	90.4	85,382	9.72	8,782	50.6
1	(SE)	23,915	0.186	2.12	3.3	14,310	1.25	949	3.9
	N	2,670	83	83	83	2,670	83	2,670	164
	ESTIMATE	24,017	0.960	7.68	82.1	23,700	8.00	2,962	17.1
2	(SE)	6,774	0.276	1.79	7.4	9,124	2.74	557	2.9
	N	2,670	28	28	28	2,670	28	2,670	164
	ESTIMATE	7,618	0.531	6.00	70.0	11,956	11.30	1,058	6.1
3	(SE)	3,238	0.188	2.41	15.3	8,482	7.57	334	1.9
	N	2,670	10	10	10	2,670	10	2,670	164
	ESTIMATE	8,993	0.629	5.21	71.4	12,273	8.29	1,481	8.5
4	(SE)	3,472	0.253	1.88	12.5	8,454	5.46	395	2.2
	N	2,670	14	14	14	2,670	14	2,670	164
	ESTIMATE	28,355	1.138	8.83	72.4	23,806	7.76	3,068	17.7
5	(SE)	7,816	0.336	1.98	8.4	9,254	2.70	567	3.0
	N	2,670	29	29	29	2,670	29	2,670	164
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	188,504	1.565	12.07	86.2	118,331	7.71	15,341	5.4
STATEWIDE	(SE)	25,668	0.121	2.12	2.7	15,274	0.78	1,239	0.4
	N	2,670	164	164	164	2,670	164	2,670	2,670

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	46,659	0.530	5.16	74.7	85,382	9.72	8,782	50.6
1	(SE)	8,058	0.077	0.73	4.8	14,310	1.25	949	3.9
	N	2,670	83	83	83	2,670	83	2,670	164
	ESTIMATE	6,771	0.263	2.11	57.1	23,700	8.00	2,962	17.1
2	(SE)	2,567	0.123	0.77	9.5	9,124	2.74	557	2.9
	N	2,670	28	28	28	2,670	28	2,670	164
	ESTIMATE	3,174	0.221	2.50	70.0	11,956	11.30	1,058	6.1
3	(SE)	1,196	0.170	0.73	15.3	8,482	7.57	334	1.9
	N	2,670	10	10	10	2,670	10	2,670	164
	ESTIMATE	3,068	0.207	1.71	57.1	12,273	8.29	1,481	8.5
4	(SE)	1,093	0.153	0.52	13.7	8,454	5.46	395	2.2
	N	2,670	14	14	14	2,670	14	2,670	164
	ESTIMATE	8,147	0.320	2.48	55.2	23,806	7.76	3,068	17.7
5	(SE)	2,930	0.143	0.84	9.4	9,254	2.70	567	3.0
	N	2,670	29	29	29	2,670	29	2,670	164
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	62,341	0.515	3.97	66.9	118,331	7.71	15,341	5.4
STATEWIDE	(SE)	8,960	0.052	0.73	3.7	15,274	0.78	1,239	0.4
	N	2,670	164	164	164	2,670	164	2,670	2,670

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	24,969	0.280	2.72	50.6	85,382	9.72	8,782	50.6
1	(SE)	4,839	0.051	0.46	5.5	14,310	1.25	949	3.9
	N	2,670	83	83	83	2,670	83	2,670	164
	ESTIMATE	7,618	0.295	2.36	60.7	23,700	8.00	2,962	17.1
2	(SE)	2,030	0.117	0.49	9.4	9,124	2.74	557	2.9
	N	2,670	28	28	28	2,670	28	2,670	164
	ESTIMATE	1,375	0.062	0.70	20.0	11,956	11.30	1,058	6.1
3	(SE)	904	0.071	0.60	13.3	8,482	7.57	334	1.9
	N	2,670	10	10	10	2,670	10	2,670	164
	ESTIMATE	2,222	0.129	1.07	35.7	12,273	8.29	1,481	8.5
4	(SE)	1,073	0.112	0.53	13.3	8,454	5.46	395	2.2
	N	2,670	14	14	14	2,670	14	2,670	164
	ESTIMATE	8,147	0.316	2.45	48.3	23,806	7.76	3,068	17.7
5	(SE)	2,602	0.139	0.70	9.4	9,254	2.70	567	3.0
	N	2,670	29	29	29	2,670	29	2,670	164
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	39,267	0.323	2.49	52.4	118,331	7.71	15,341	5.4
STATEWIDE	(SE)	5,726	0.038	0.31	3.9	15,274	0.78	1,239	0.4
	N	2,670	164	164	164	2,670	164	2,670	2,670

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	14,283	0.164	1.59	45.8	85,382	9.72	8,782	50.6
1	(SE)	2,828	0.025	0.27	5.5	14,310	1.25	949	3.9
	N	2,670	83	83	83	2,670	83	2,670	164
	ESTIMATE	3,597	0.147	1.18	25.0	23,700	8.00	2,962	17.1
2	(SE)	1,631	0.066	0.51	8.3	9,124	2.74	557	2.9
	N	2,670	28	28	28	2,670	28	2,670	164
	ESTIMATE	952	0.071	0.80	30.0	11,956	11.30	1,058	6.1
3	(SE)	529	0.028	0.44	15.3	8,482	7.57	334	1.9
	N	2,670	10	10	10	2,670	10	2,670	164
	ESTIMATE	1,587	0.121	1.00	35.7	12,273	8.29	1,481	8.5
4	(SE)	755	0.067	0.44	13.3	8,454	5.46	395	2.2
	N	2,670	14	14	14	2,670	14	2,670	164
	ESTIMATE	3,068	0.124	0.97	37.9	23,806	7.76	3,068	17.7
5	(SE)	1,062	0.043	0.30	9.2	9,254	2.70	567	3.0
	N	2,670	29	29	29	2,670	29	2,670	164
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	19,898	0.165	1.28	36.6	118,331	7.71	15,341	5.4
STATEWIDE	(SE)	3,392	0.020	0.20	3.8	15,274	0.78	1,239	0.4
	N	2,670	164	164	164	2,670	164	2,670	2,670

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	56,181	0.652	6.34	54.2	85,382	9.72	8,782	50.6
1	(SE)	12,725	0.108	1.28	6	14,310	1.25	949	3.9
	N	2,670	83	83	83	2,670	83	2,670	164
	ESTIMATE	6,031	0.254	2.04	25.0	23,700	8.00	2,962	17.1
2	(SE)	2,989	0.079	0.95	8.3	9,124	2.74	557	2.9
	N	2,670	28	28	28	2,670	28	2,670	164
	ESTIMATE	2,116	0.177	2.00	10.0	11,956	11.30	1,058	6.1
3	(SE)	2,116	0.061	2.00	10.0	8,482	7.57	334	1.9
	N	2,670	10	10	10	2,670	10	2,670	164
	ESTIMATE	2,116	0.172	1.43	7.1	12,273	8.29	1,481	8.5
4	(SE)	2,116	0.060	1.43	7.1	8,454	5.46	395	2.2
	N	2,670	14	14	14	2,670	14	2,670	164
	ESTIMATE	8,993	0.378	2.93	27.6	23,806	7.76	3,068	17.7
5	(SE)	4,475	0.151	1.38	8.4	9,254	2.70	567	3.0
	N	2,670	29	29	29	2,670	29	2,670	164
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	66,998	0.562	4.33	40.0	118,331	7.71	15,341	5.4
STATEWIDE	(SE)	13,476	0.075	0.81	3.8	15,274	0.78	1,239	0.4
	N	2,670	164	164	164	2,670	164	2,670	2,670

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	2,010	0.487	1.06	33.3	4,126	2.17	1,904	25.4
1	(SE)	1,201	0.253	0.60	11.4	1,171	0.35	447	5.2
	N	2,670	18	18	18	2,670	18	2,670	71
	ESTIMATE	423	0.148	0.33	25.0	2,857	2.25	1,270	16.9
2	(SE)	259	0.088	0.19	13.1	974	0.43	366	0.0
	N	2,670	12	12	12	2,670	12	2,670	71
	ESTIMATE	212	0.105	0.25	25.0	2,010	2.38	846	11.3
3	(SE)	150	0.068	0.16	16.4	865	0.63	299	3.8
	N	2,670	8	8	8	2,670	8	2,670	71
	ESTIMATE	318	0.136	0.33	22.2	2,328	2.44	952	12.7
4	(SE)	236	0.093	0.24	14.7	921	0.56	317	4.0
	N	2,670	9	9	9	2,670	9	2,670	71
	ESTIMATE	6,137	0.949	2.33	54.2	592	2.46	2,539	33.8
5	(SE)	2,145	0.260	0.71	10.4	1,583	0.38	516	5.7
	N	2,670	24	24	24	2,670	24	2,670	71
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	8,679	0.755	1.70	46.8	11,219	2.26	4,973	1.8
STATEWIDE	(SE)	2,477	0.112	0.44	6.0	1,940	0.22	719	0.3
	N	2,670	71	71	71	2,670	71	2,670	2,670

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	9,839	0.733	3.30	40.0	9,522	4.50	2,116	34.5
1	(SE)	4,389	0.387	1.82	11.2	2,931	0.98	471	6.3
	N	2,670	20	20	20	2,670	20	2,670	58
	ESTIMATE	4,655	0.459	2.13	37.5	3,915	4.63	846	13.8
2	(SE)	2,228	0.334	1.72	18.3	1,865	1.58	299	4.6
	N	2,670	8	8	8	2,670	8	2,670	58
	ESTIMATE	4,655	0.459	2.13	37.5	3,915	4.63	846	13.8
3	(SE)	2,228	0.334	1.72	18.3	1,865	1.58	299	4.6
	N	2,670	8	8	8	2,670	8	2,670	58
	ESTIMATE	4,655	0.378	1.70	30.0	4,761	4.50	1,058	17.2
4	(SE)	2,228	0.278	1.38	15.3	1,963	1.26	334	5.0
	N	2,670	10	10	10	2,670	10	2,670	58
	ESTIMATE	5,079	0.488	1.75	50.0	4,550	3.58	1,270	20.7
5	(SE)	2,243	0.284	1.14	15.1	1,900	1.13	366	5.4
	N	2,670	12	12	12	2,670	12	2,670	58
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	10,267	0.625	2.33	36.7	11,854	3.73	3,174	1.1
STATEWIDE	(SE)	4,397	0.160	1.23	6.4	3,045	0.69	576	0.2
	N	2,670	58	58	58	2,670	58	2,670	2,670

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	8,887	0.291	1.50	57.7	14,177	5.15	2,751	16.8
1	(SE)	3,668	0.101	0.59	9.9	4,837	1.47	537	3.0
	N	2,670	26	26	26	2,670	26	2,670	155
	ESTIMATE	8,676	0.172	1.05	53.8	25,181	6.10	4,126	25.2
2	(SE)	3,493	0.051	0.30	8.1	7,234	1.48	656	3.5
	N	2,670	39	39	39	2,670	39	2,670	155
	ESTIMATE	10,157	0.246	2.04	64.0	21,901	8.28	2,645	16.1
3	(SE)	3,727	0.065	0.60	9.8	6,609	1.92	527	3.0
	N	2,670	25	25	25	2,670	25	2,670	155
	ESTIMATE	8,041	0.135	1.00	46.9	25,075	7.41	3,386	20.6
4	(SE)	3,513	0.056	0.39	9.0	8,417	2.15	595	3.3
	N	2,670	32	32	32	2,670	32	2,670	155
	ESTIMATE	9,311	0.139	1.39	60.6	35,126	10.06	3,491	21.3
5	(SE)	3,562	0.049	0.39	8.6	11,554	2.86	604	3.3
	N	2,670	33	33	33	2,670	33	2,670	155
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	22,227	0.186	1.34	60.4	84,572	7.21	11,744	4.2
STATEWIDE	(SE)	4,271	0.026	0.20	3.9	15,517	1.14	1,097	0.4
	N	2,670	155	155	155	2,670	155	2,670	2,670

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	27,403	0.355	2.10	61.9	13,119	5.90	2,222	18.3
1	(SE)	21,248	0.166	1.22	10.9	5,082	1.94	483	3.6
	N	2,670	21	21	21	2,670	21	2,670	115
	ESTIMATE	27,826	0.312	1.78	59.3	16,294	5.70	2,857	23.5
2	(SE)	21,250	0.140	0.95	9.6	5,504	1.62	547	4.0
	N	2,670	27	27	27	2,670	27	2,670	115
	ESTIMATE	27,297	0.250	2.40	60.0	20,314	9.60	2,116	17.4
3	(SE)	21,252	0.117	1.28	11.2	6,484	2.25	471	3.5
	N	2,670	20	20	20	2,670	20	2,670	115
	ESTIMATE	26,980	0.211	1.75	50.0	21,055	8.29	2,539	20.9
4	(SE)	21,246	0.118	1.07	10.4	6,830	2.14	516	3.8
	N	2,670	24	24	24	2,670	24	2,670	115
	ESTIMATE	26,239	0.147	1.61	39.1	26,556	10.91	2,433	20.0
5	(SE)	21,241	0.100	1.12	10.4	8,975	2.97	505	3.7
	N	2,670	23	23	23	2,670	23	2,670	115
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	14,389	0.187	1.23	57.5	60,519	6.57	9,205	3.3
STATEWIDE	(SE)	3,212	0.038	0.31	4.6	11,414	1.03	977	0.3
	N	2,670	115	115	115	2,670	115	2,670	2,670

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	212	0.000	0.00	0.0	423	2.00	212	4.9
1	(SE)	150	0.000	0.00	0.0	299	0.00	150	3.4
	N	2,670	2	2	2	2,670	2	2,670	41
	ESTIMATE	318	0.015	0.25	25.0	6,877	16.25	423	9.8
2	(SE)	183	0.016	0.25	25.0	4,788	9.10	211	4.7
	N	2,670	4	4	4	2,670	4	2,670	41
	ESTIMATE	3,280	0.058	1.12	60.0	51,420	19.44	2,645	61.0
3	(SE)	914	0.043	0.26	10.0	38,865	14.46	527	7.7
	N	2,670	25	25	25	2,670	25	2,670	41
	ESTIMATE	212	0.000	0.00	0.0	2,222	3.00	741	17.1
4	(SE)	150	0.000	0.00	0.0	1,173	1.20	280	5.9
	N	2,670	7	7	7	2,670	7	2,670	41
	ESTIMATE	318	0.000	0.00	0.0	1,481	4.67	317	7.3
5	(SE)	183	0.000	0.00	0.0	1,099	2.67	183	4.1
	N	2,670	3	3	3	2,670	3	2,670	41
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	3,493	0.051	0.88	48.5	60,753	17.39	3,491	1.2
STATEWIDE	(SE)	927	0.026	0.21	7.9	39,199	10.98	595	0.2
	N	2,670	41	41	41	2,670	41	2,670	2,670

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	29,307	0.431	8.35	73.9	47,082	19.35	2,433	13.7
1	(SE)	9,572	0.109	3.23	9.4	17,921	6.31	505	2.7
	N	2,670	23	23	23	2,670	23	2,670	168
	ESTIMATE	54,171	0.726	9.79	88.4	61,365	13.49	4,549	25.6
2	(SE)	13,520	0.114	2.45	4.9	16,080	2.92	688	3.4
	N	2,670	43	43	43	2,670	43	2,670	168
	ESTIMATE	58,509	0.484	8.33	86.0	103,792	17.21	6,031	33.9
3	(SE)	11,722	0.059	1.49	4.6	19,630	2.37	790	3.7
	N	2,670	57	57	57	2,670	57	2,670	168
	ESTIMATE	28,990	0.544	7.54	61.5	38,089	13.85	2,751	15.5
4	(SE)	9,775	0.099	2.98	9.7	12,984	3.95	537	2.8
	N	2,670	26	26	26	2,670	26	2,670	168
	ESTIMATE	32,587	0.420	12.21	78.9	58,403	29.05	2,010	11.3
5	(SE)	10,467	0.109	4.08	9.6	20,856	8.19	460	2.5
	N	2,670	19	19	19	2,670	19	2,670	168
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	124,893	0.485	7.91	8.8	234,757	16.31	14,389	5.1
STATEWIDE	(SE)	17,161	0.040	0.96	2.2	32,738	1.83	1,203	0.4
	N	2,670	168	168	168	2,670	168	2,670	2,670

REGION	STATISTIC	TOTAL HARVEST	AVERAGE DAILY KILL	AVERAGE SEASONAL HARVEST	PERCENT SUCCESSFUL HUNTERS	TOTAL MAN-DAYS	AVERAGE SEASONAL DAYS HUNTING	TOTAL HUNTERS	PERCENT HUNTERS PER REGION
	ESTIMATE	1,481	0.100	0.71	42.9	5,290	7.14	741	11.9
1	(SE)	652	0.053	0.36	20.2	3,362	3.94	280	4.2
	N	2,670	7	7	7	2,670	7	2,670	59
	ESTIMATE	2,116	0.102	0.75	43.8	12,485	7.38	1,693	27.1
2	(SE)	762	0.049	0.25	12.8	5,684	2.90	422	5.8
	N	2,670	16	16	16	2,670	16	2,670	59
	ESTIMATE	2,222	0.130	1.00	53.8	10,580	7.69	1,375	22.0
3	(SE)	784	0.041	0.30	14.4	4,338	2.42	381	5.4
	N	2,670	13	13	13	2,670	13	2,670	59
	ESTIMATE	1,270	0.041	0.29	14.3	10,369	7.00	1,481	23.7
4	(SE)	634	0.024	0.19	9.7	3,957	1.98	395	5.6
	N	2,670	14	14	14	2,670	14	2,670	59
	ESTIMATE	1,375	0.056	0.44	22.2	7,512	7.89	952	15.3
5	(SE)	643	0.034	0.29	14.7	3,953	3.41	317	4.7
	N	2,670	9	9	9	2,670	9	2,670	59
									PERCENT OF TOTAL LICENSEES
	ESTIMATE	3,387	0.083	0.56	33.3	28,048	6.79	4,126	1.5
STATEWIDE	(SE)	908	0.016	0.15	6.2	7,074	1.35	665	0.2
	N	2,670	59	59	59	2,670	59	2,670	2,670

TABLE 42. EXPANDED STATEWIDE SUMMARY OF TOTAL SQUIRREL HUNTING IN VIRGINIA DURING THE 1995-96 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	1,443,895	1.550	12.00	89.0	897,222	7.74	115,853	41.0
STATEWIDE	(SE)	58,677	0.054	0.41	0.9	38,727	0.28	2,689	1.0
	N	2,670	1,095	1,095	1,095	2,670	1,095	2,670	2,670

TABLE 43. EXPANDED STATEWIDE SUMMARY OF TOTAL GOOSE HUNTING IN VIRGINIA DURING THE 1995-96 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	18,946	0.697	2.38	53.1	23,074	3.41	6,771	2.4
STATEWIDE	(SE)	5,041	0.102	0.64	4.7	3,967	0.41	836	0.3
	N	2,670	114	114	114	2,670	114	2,670	2,670

TABLE 44. (Q20) PERCEPTIONS OF FALL TURKEY HUNTERS REGARDING OVERALL QUALITY OF 1995 FALL TURKEY SEASON. *

		REGIONS				
STATEWIDE	1	2	3	4	5
3.89	3.89	3.91	3.61	3.41	3.85

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

TABLE 45. (Q21) STATEWIDE AND REGIONAL DISTRIBUTION OF RUFFED GROUSE KILLED BY MONTH (# KILLED PER HUNTER).

		REGIONS				
MONTH	STATEWIDE	1	2	3	4	5
OCTOBER	0.280	1.000	0.111	0.212	0.420	0.071
NOVEMBER	0.846	1.667	0.556	0.903	0.951	0.000
DECEMBER	0.533	0.000	0.222	0.904	0.259	0.143
JANUARY	0.429	0.000	0.074	0.575	0.284	1.071
FEBRUARY	0.110	0.000	0.111	0.124	0.025	0.286

TABLE 46. (Q21) STATEWIDE AND REGIONAL DISTRIBUTION OF RUFFED GROUSE HUNTING BY MONTH (# OF HUNTS PER HUNTER).

		REGIONS				
MONTH	STATEWIDE	1	2	3	4	5
OCTOBER	0.579	0.667	0.519	0.522	0.580	0.786
NOVEMBER	1.669	2.333	1.407	1.699	1.741	1.429
DECEMBER	1.298	3.333	0.630	2.009	0.593	0.929
JANUARY	0.756	0.333	0.444	0.956	0.444	1.929
FEBRUARY	0.390	0.000	0.556	0.434	0.148	0.857

TABLE 47. (Q22) PERCEPTIONS O RUFFED GROUSE HUNTERS REGARDING OVERALL QUALITY OF 1995-96 RUFFED GROUSE SEASON. *

	REGIONS				
STATEWIDE	1	2	3	4	5
2.94	4.33	2.33	2.97	3.08	3.50

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

TABLE 48. (Q23) STATEWIDE AND REGIONAL DISTRIBUTION OF NUMBER OF QUAIL HUNTERS THAT HUNTED QUAIL ON OPENING DAY OF 1995-96 SEASON (PCT).

RESPONSE	STATEWIDE	REGIONS 1	2	3	4	5
YES	22.3	30.8	17.5	11.1	15.8	26.7
NO	66.8	60.0	77.8	69.4	68.4	60
NOT SURE	10.9	9.2	4.8	19.4	15.8	13.3

TABLE 49. (Q24) STATEWIDE AND REGIONAL SUMMARIES OF PREFERENCES OF QUAIL HUNTERS FOR QUAIL SEASON OPENING DATE OPTIONS. *

DATE	STATEWIDE	REGIONS 1	2	3	4	5
1ST MON. - NOV.	4.62	4.33	4.57	4.91	4.50	4.79
2ND MON. - NOV.	3.98	3.98	3.81	4.14	4.08	3.93
3RD MON. - NOV.	3.50	3.96	3.19	3.48	3.14	3.39
4TH MON. - NOV.	3.66	3.88	3.49	3.75	3.64	3.26

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

TABLE 50. (Q25) STATEWIDE SUMMARY OF PREFERENCES FOR OPENING DAYS FOR SELECTED SPECIES (PCT).

SPECIES	SATURDAY	MONDAY	DOES NOT MATTER
QUAIL	43.8	27.5	28.8
RABBIT	47.3	28.4	24.4
SQUIRREL	50.9	22.7	26.4
RUFFED GROUSE	52.4	26.6	21.0
FALL TURKEY	50.0	29.8	20.2
SPRING TURKEY	61.8	26.1	12.1
DEER (ARCHERY)	65.9	23.9	10.3
DEER (MUZZLELOADER)	48.9	41.1	9.9
DEER (GUN)	40.5	46.5	13.0

TABLE 51. (Q26) STATEWIDE AND REGIONAL SUMMARIES OF PREFERENCES OF DUCK HUNTERS REGARDING OCTOBER SEGMENT OF DUCK SEASON CT).

DATE	STATEWIDE	REGIONS 1	2	3	4	5
OCT. 2-5	17.9	12.0	27.3	20.0	22.2	26.1
OCT. 9-12	50.7	58.7	54.5	20.0	11.1	47.8
DOES NOT MATTER	31.4	29.3	18.2	60.0	66.7	26.1

TABLE 52. (Q27) PERCEPTIONS OF DEER HUNTERS REGARDING OVERALL QUALI OF DEER HUNTING DURING 1995-96. *

	STATEWIDE	REGIONS 1	2	3	4	5
	4.18	4.60	4.28	3.91	3.66	4.67

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

TABLE 53 (Q28) PERCEPTIONS OF DEER HUNTERS REGARDING TRENDS IN NUMBER OF DEER SEEN (PCT).

TREND	STATEWIDE	REGIONS 1	2	3	4	5
DECLINED DRAMATICALLY	7.7	4.6	5.0	11.0	12.6	5.1
DECLINED	24.3	21.0	21.1	26.2	36.4	18.1
REMAINED THE SAME	42.5	40.9	45.4	41.8	35.6	47.2
INCREASED	18.8	23.6	21.7	17.0	11.8	20.5
INCREASED DRAMATICALLY	4.5	6.1	5.2	2.1	1.9	6.5
NO OPINION	2.2	3.7	1.7	1.8	1.9	2.7

TABLE 54. (Q29) OPINIONS OF GUN - DEER HUNTERS REGARDING THE APPROPRIATE POLICY REGARDING DOE DAYS (PCT).

RESPONSE	STATEWIDE	REGIONS 1	2	3	4	5
INCREASE DAYS	32.6	41.6	30.6	33.7	22.7	33.8
KEEP DAYS THE SAME	45.3	49.1	51.1	37.1	41.7	50.1
DECREASE DAYS	20.1	8.4	16.1	26.2	34.2	14.1
NO OPINION	2.0	0.9	2.2	2.9	1.4	2.0

TABLE 55. (Q30) STATEWIDE AND REGIONAL DISTRIBUTION OF HUNTERS THAT USED A SCOPE ON A MUZZLELOADER DURING THE 1995-96 MUZZLELOADER SEASON (PCT).

RESPONSE	STATEWIDE	REGIONS 1	2	3	4	5
YES	34.2	36.8	34.4	36.5	34.7	25.4
NO	65.8	63.2	65.6	63.5	65.3	74.6

TABLE 56. (Q31) PREFERENCES OF DEER HUNTERS REGARDING REQUIRING ALL HUNTERS TO WEAR HUNTER ORANGE DURING OPEN MUZZLELOADER SEASON. *

STATEWIDE	REGIONS 1	2	3	4	5
4.44	4.09	4.42	4.60	4.44	4.13

* MEAN SCORES, WHERE 1=STRONGLY OPPOSED, 4=DOES NOT MATTER, 7=STRONGLY FAVORED

TABLE 57. (Q32) PERCEPTIONS OF DEER HUNTERS REGARDING QUALITY OF OVERALL MANAGEMENT OF DEER BY VDGIF. *

STATEWIDE	REGIONS 1	2	3	4	5
4.60	4.99	4.81	4.17	4.02	4.97

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

TABLE 58. (Q33) PERCEPTIONS OF DEER HUNTERS REGARDING HOW WELL VDGIF INCORPORATES PUBLIC INPUT INTO DEER MANAGEMENT DECISIONS. *

STATEWIDE	REGIONS 1	2	3	4	5
3.83	4.11	4.02	3.46	3.36	4.26

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

TABLE 59. (Q34) STATEWIDE AND REGIONAL DISTRIBUTION OF HUNTERS THAT HUNTED ON PUBLICLY-OWNED LAND DURING THE 1995-96 HUNTING SEASON (PCT).

RESPONSE	STATEWIDE
YES	45.7
NO	52.7
NOT SURE	1.5

TABLE 60. (Q34A) STATEWIDE DISTRIBUTION OF HUNTING ON SELECTED TYPES OF PUBLIC LANDS (MEAN # OF DAYS PER HUNTER).

LAND TYPE	NUMBER OF DAYS
VDGIF WMA'S	1.05
STATE FOREST	0.89
STATE PARK	0.15
NAT'L FOREST	6.73
MILITARY LAND	0.75
OTHER PUBLIC LANDS	2.38

TABLE 61. (Q35) PERCEPTIONS OF PUBLIC ND HUNTERS VS. NON-PUBLIC LAND HUNTERS REGARDING THE IMPORTANCE OF PUBLIC HUNTING LA DS. *

	STATEWIDE
PUBLIC LAND HUNTERS	6.70
NON-PUBLIC LAND HUNTERS	6.09

* MEAN SCORES, WHERE 1=NOT IMPORTANT, 4=DOES NOT MATTER, 7=EXTREMELY IMPORTANT

TABLE 62. (Q36) OPINIONS OF ALL HUNTERS REGARDING WHETHER OR NOT THERE ARE SUFFICIENT PUBLIC HUNTING LANDS. *

	STATEWIDE
PUBLIC LAND HUNTERS	3.86
NON-PUBLIC LAND HUNTERS	3.64

* MEAN SCORES, WHERE 1=STRONGLY DISAGREE, 4=NO OPINION, 7=STRONGLY AGREE

TABLE 63. (Q37) STATEWIDE DISTRIBUTION OF ALL HUNTING DURING THE 1995-96 SEASON ACROS LAND OWNERSHIP TYPES (PCT).

LAND TYPE	STATEWIDE
LAND YOU OWN (OR OWNED BY FAMILY)	21.68
PUBLIC LANDS WMA'S, NAT'L FORESTS	21.44
PRIVATE LANDS (OWNED BY SOMEONE OTHER THAN FAMILY)	49.42
CORPORATE LANDS	7.67

TABLE 64. (Q38) PREFERENCES OF DEER HUNTERS REGARDING THE INSTITUTION OF RESTRICTIONS TO INCREASE DEER QUALITY ON PUBLIC LANDS. *

STATEWIDE	REGIONS 1	2	3	4	5
4.53	4.55	4.40	4.35	4.75	4.74

* MEAN SCORES, WHERE 1=STRONGLY OPPOSED, 4=DOES NOT MATTER, 7=STRONGLY FAVORED

TABLE 65. (Q39) PERCEPTIONS OF SPRING TURKEY HUNTERS REGARDING THE OVERALL QUALITY OF THE 1996 SPRING TURKEY SEASON. *

		REGIONS			
STATEWIDE	1	2	3	4	5
4.43	4.66	4.54	4.54	4.08	4.28

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

TABLE 66. (Q40) NUMBER OF HUNTERS EXPERIENCING INTERFERENCE WHILE HUNTING DURING THE 1996 SPRING TURKEY SEASON (PCT).

		REGIONS			
RESPONSE	STATEWIDE	1	2	3	4	5
YES	42.3	46.3	38.0	51.0	37.1	38.9
NO	57.7	53.7	62.0	49.0	62.9	61.1
NUMBER OF HUNTS WHERE INTERFERENCE WAS EXPERIENCED	2.79	2.33	2.56	3.01	3.10	2.78

TABLE 67. (Q41) RESPONDENTS' OPINIONS REGARDING OPENING SPRING TURKEY SEASON ON THE SATURDAY NEAREST APRIL 15TH (PCT).

		REGIONS			
RESPONSE	STATEWIDE	1	2	3	4	5
TOO EARLY	5.0	5.3	3.1	5.8	3.1	7.60
I LIKE THE IDEA	77.5	61.1	81.4	80.5	79.4	80.40
TOO LATE	17.5	33.7	15.5	13.6	17.5	12.00

TABLE 68. (Q42) RESPONDENTS' PREFERENCES FOR HUNTING HOURS DURING SPRING TURKEY SEASON (PCT).

		REGIONS			
HOURS	STATEWIDE	1	2	3	4	5
HALF HOUR BEFORE SUNRISE UNTIL NOON	48.8	48.4	48.1	48.1	57.1	42.1
HALF HOUR BEFORE SUNRISE UNTIL SUNSET	45.6	42.1	47.3	47.4	40.8	51.6
DOES NOT MATTER	5.6	9.5	4.7	4.5	2.0	6.3

TABLE 69. (Q43) STATEWIDE AND REGIONAL DISTRIBUTION OF 1996 SPRING TURKEY HUNTING Y WEEK (MEAN # DAYS HUNTED).

WEEK	STATEWIDE	REGIONS 1	2	3	4	5
OPENING DAY (PCT YES)	72.8	73.8	69.9	75.4	71.1	72.2
APRIL 15-20	1.69	3.05	1.60	1.69	1.59	1.50
APRIL 22-27	1.45	2.61	1.40	1.47	1.65	1.20
APRIL 27-MAY 4	1.22	2.61	1.14	1.38	1.02	1.13
MAY 6-11	0.98	2.68	0.94	0.99	1.00	0.79
MAY 13-18	0.85	2.87	0.79	0.82	0.83	0.68

TABLE 70. (Q44) TYPES OF FIREARMS USED DURING 1996 SPRING TURKEY SEASON (PCT).

TYPE OF FIREARM	STATEWIDE	REGIONS 1	2	3	4	5
SHOTGUN	89.3	96.9	93.1	83.9	84.2	88.4
RIFLE	4.3	1.0	2.3	6.5	7.4	5.3
SHOTGUN/RIFLE	4.8	2.0	3.1	7.7	8.4	3.2
PISTOL	0.2	0.0	0.0	0.0	0.0	0.0
BOW	1.4	0.0	1.5	1.9	0.0	3.2
MUZZLELOADER	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 71. (Q45) SPRING TURKEY HUNTERS PREFERENCE FOR SIZE OF SHOT (PCT).

SIZE OF SHOT	STATEWIDE	REGION 1	2	3	4	5
[illegible]8	11.6	15.6	7.2	9.8	9.0	19.5
[illegible]6	54.9	55.2	57.6	54.5	49.4	55.2
[illegible]6	11.2	12.5	10.4	15.4	13.5	4.6
[illegible]s OR SMALLER	22.3	16.7	24.8	20.3	28.1	20.7

TABLE 72. (Q46) STATEWIDE AND REGIONAL DISTRIBUTION OF SPRING TURKEY HUNTING ACROSS EIGHT TYPES OF LAND DURING THE 1996 HUNTING SEASON (PCT).

TYPE	STATEWIDE	REGIONS 1	2	3	4	5
VDGIF WMA	2.79	3.28	1.95	1.02	3.18	4.64
NAT'L FORESTS	15.12	1.63	5.45	25.40	39.12	3.01
PRIVATE LAND	57.46	47.39	69.02	60.58	45.92	62.54
CORPORATE LAND	2.72	0.63	3.16	6.08	0.15	0.51
HUNT CLUB - PVT. LAND	13.25	26.21	11.80	4.38	4.44	18.92
HUNT CLUB - CORP. LAND	5.79	13.20	8.19	0.38	0.62	5.39
MILITARY LAND	1.52	4.66	0.00	0.00	0.00	3.71
OTHER	2.52	3.03	0.43	2.13	6.58	1.25

TABLE 73. (Q47) STATEWIDE & REGIONAL SUMMARIES OF SPRING TURKEY HUNTERS' PERCEPTIONS OF THE IMPORTANCE OF SELECTED ATTRIBUTES ASSOCIATED WITH HARVESTING SPRING TURKEYS. *

ATTRIBUTE	STATEWIDE	REGIONS 1	2	3	4	5
Q47V	5.195	5.258	5.300	5.225	4.947	5.242
Q47W	4.242	4.371	4.318	4.265	4.202	4.095
Q47X	3.417	3.385	3.527	3.333	3.351	3.474
Q47Y	5.201	5.227	5.277	5.309	4.936	5.105
Q47Z	4.101	4.237	4.384	3.785	3.922	4.108
Q47AA	4.748	4.624	4.706	5.028	4.478	4.785
Q47 BB	4.169	4.258	4.460	3.945	4.056	4.032

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

TABLE 74. (Q47) STATEWIDE SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED SPRING TURKEY HUNTING ATTRIBUTES (1996).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q47A	5.523	5.611	0.088
Q47B	6.000	6.072	0.072
Q47C	5.414	5.447	0.033
Q47D	5.743	5.106	-0.637
Q47E	4.489	4.220	-0.269
Q47F	3.582	3.591	0.009
Q47G	3.804	3.755	-0.049
Q47H	3.374	2.592	-0.782
Q47I	5.920	4.637	-1.283
Q47J	5.535	5.162	-0.373
Q47K	5.912	4.735	-1.177
Q47L	6.564	5.435	-1.129
Q47M	5.102	4.829	-0.273
Q47N	5.069	4.199	-0.870
Q47O	4.074	4.084	0.010
Q47P	6.066	4.873	-1.193
Q47Q	6.219	5.736	-0.483
Q47R	6.039	5.518	-0.521
Q47S	6.224	5.869	-0.355
Q47T	5.880	5.785	-0.095
Q47U	5.367	4.413	-0.954

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

** PERFORMANCE - IMPORTANCE

TABLE 75. (Q47) REGION 1 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED SPRING TURKEY HUNTING ATTRIBUTES (1996).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q47A	5.573	5.604	0.031
Q47B	5.897	6.011	0.114
Q47C	5.411	5.418	0.007
Q47D	5.515	5.264	-0.251
Q47E	4.474	4.341	-0.133
Q47F	3.573	3.517	-0.056
Q47G	3.814	3.681	-0.133
Q47H	3.268	2.571	-0.697
Q47I	6.113	4.989	-1.124
Q47J	5.567	5.293	-0.274
Q47K	5.938	4.778	-1.160
Q47L	6.639	5.500	-1.139
Q47M	5.052	4.857	-0.195
Q47N	4.918	4.220	-0.698
Q47O	3.99	4.144	0.154
Q47P	6.175	5.132	-1.043
Q47Q	6.443	6.055	-0.388
Q47R	6.042	5.769	-0.273
Q47S	6.229	6.077	-0.152
Q47T	5.948	5.967	0.019
Q47U	5.309	4.846	-0.463

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

** PERFORMANCE - IMPORTANCE

TABLE 76. (Q47) REGION 2 SUMMAR OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED SPRING TURKEY HUNTING ATTRIBUTES (1996).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q47A	5.466	5.541	0.075
Q47B	6.000	5.886	-0.114
Q47C	5.285	5.287	0.002
Q47D	5.543	5.033	-0.51
Q47E	4.435	4.130	-0.305
Q47F	3.496	3.410	-0.086
Q47G	3.802	3.724	-0.078
Q47H	3.385	2.593	-0.792
Q47I	5.817	4.772	-1.045
Q47J	5.481	5.309	-0.172
Q47K	5.885	4.836	-1.049
Q47L	6.481	5.533	-0.948
Q47M	5.146	4.926	-0.22
Q47N	5.084	4.211	-0.873
Q47O	4.038	4.098	0.06
Q47P	5.931	4.829	-1.102
Q47Q	6.221	5.738	-0.483
Q47R	6.015	5.520	-0.495
Q47S	6.238	5.772	-0.466
Q47T	5.794	5.740	-0.054
Q47U	5.344	4.553	-0.791

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

** PERFORMANCE - IMPORTANCE

TABLE 77. (Q47) REGION 3 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED SPRING TURKEY HUNTING ATTRIBUTES (1996).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q47A	5.470	5.597	0.127
Q47B	6.086	6.230	0.144
Q47C	5.362	5.387	0.025
Q47D	5.952	5.072	-0.88
Q47E	4.486	4.114	-0.372
Q47F	3.671	3.706	0.035
Q47G	3.730	3.727	-0.003
Q47H	3.278	2.640	-0.638
Q47I	6.053	4.849	-1.204
Q47J	5.513	5.022	-0.491
Q47K	5.829	4.467	-1.362
Q47L	6.500	5.423	-1.077
Q47M	4.775	4.580	-0.195
Q47N	4.947	4.225	-0.722
Q47O	4.000	4.036	0.036
Q47P	6.211	4.590	-1.621
Q47Q	6.270	5.912	-0.358
Q47R	6.205	5.662	-0.543
Q47S	6.184	5.986	-0.198
Q47T	5.901	5.705	-0.196
Q47U	5.572	4.698	-0.874

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

** PERFORMANCE - IMPORTANCE

TABLE 78. (Q47) REGION 4 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED SPRING TURKEY HUNTING ATTRIBUTES (1996).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q47A	5.830	5.604	-0.226
Q47B	6.149	6.187	0.038
Q47C	5.457	5.678	0.221
Q47D	5.871	5.495	-0.376
Q47E	4.570	4.311	-0.259
Q47F	3.495	3.747	0.252
Q47G	3.840	3.945	0.105
Q47H	3.479	2.758	-0.721
Q47I	5.819	4.278	-1.541
Q47J	5.613	4.922	-0.691
Q47K	5.840	4.719	-1.121
Q47L	6.553	5.247	-1.306
Q47M	5.140	4.944	-0.196
Q47N	5.457	4.315	-1.142
Q47O	4.258	4.225	-0.033
Q47P	6.118	5.100	-1.018
Q47Q	6.011	5.708	-0.303
Q47R	5.915	5.270	-0.645
Q47S	6.223	5.753	-0.470
Q47T	5.925	5.656	-0.269
Q47U	5.022	3.933	-1.089

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

** PERFORMANCE - IMPORTANCE

TABLE 79. (Q47) REGION 5 SUMMARY OF RESPONDENTS' PERCEPTIONS REGARDING THE IMPORTANCE AND SATISFACTION OF SELECTED SPRING TURKEY HUNTING ATTRIBUTES (1996).

ATTRIBUTE	IMPORTANCE *	PERFORMANCE	SATISFACTION DIFFERENCE **
Q47A	5.421	5.793	0.372
Q47B	5.874	6.054	0.18
Q47C	5.505	5.522	0.017
Q47D	5.758	4.957	-0.801
Q47E	4.415	4.169	-0.246
Q47F	3.511	3.522	0.011
Q47G	3.789	3.783	-0.006
Q47H	3.568	2.495	-1.073
Q47I	5.905	4.250	-1.655
Q47J	5.484	5.253	-0.231
Q47K	6.211	5.033	-1.178
Q47L	6.695	5.478	-1.217
Q47M	5.337	5.110	-0.227
Q47N	5.158	4.220	-0.938
Q47O	3.947	3.967	0.02
Q47P	6.042	4.576	-1.466
Q47Q	6.337	5.489	-0.848
Q47R	5.958	5.348	-0.61
Q47S	6.326	5.848	-0.478
Q47T	5.884	5.978	0.094
Q47U	5.415	4.174	-1.241

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

** PERFORMANCE - IMPORTANCE

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 Wildlife Society. 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 Wildlife Society. 686 pp.

Jackson, R. and R. Norton. 1979. Improving ethical behavior in hunters. Trans. N. Amer. Wildlife and Natural Resources Conference. 44:306-318 pp.

Steffen, D.E. 1987. Mississippi mail survey of game harvest and hunter effort for 1986-87. Jackson, MS: Dept. of Wildlife Conservation. 49 pp.

Wright, B.A. 1995. Virginia survey of hunter harvest, effort and attitudes 1993-94. Richmond VA: Department of Game & Inland Fisheries. 80 pp.

Wright, B.A. and M.R. McFarland. 1996. Virginia survey of hunter harvest, effort and attitudes 1994-1995. Richmond, VA: Department of Game & Inland Fisheries. 78 pp.

Appendix

1995-96

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 1995-96 hunting season (July 1, 1995 - June 30, 1996)?
   - ❑ 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) _____

On the next page, we would like information regarding the number of game animals you harvested during the 1995-96 hunting season.

INSTRUCTIONS:

- Put the number of animals you **harvested personally** in 1995-96 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.

3. Small Game (Birds) Harvest:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

4. Small Game (Mammals) Harvest:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/ Woodchuck

5. Big Game Harvest:

Deer						Turkey			Bear
Archery		Muzzleloader		Gun					
Bucks	Does	Bucks	Does	Bucks	Does	Spring 1995	Fall 1995	Spring 1996	

6. Waterfowl Harvest:

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

7. 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.

8. Small Game (Birds) Days Hunted:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

9. Small Game (Mammals) Days Hunted:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/ Woodchuck

10. Big Game Days Hunted:

Deer			Turkey			Bear
Archery	Muzzleloader	Gun	Spring '95	Fall, '95	Spring, '96	

11. Waterfowl Days Hunted:

Ducks	Geese	
	Sept. Season	Nov.-Feb. Season

12. Furbearer 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.

13. Small Game (Birds) Region Hunted:

Dove	Quail	Woodcock	Ruffed Grouse	Crow

14. Small Game (Mammals) Region Hunted:

Rabbit	Gray Squirrel	Fox Squirrel	Groundhog/ Woodchuck

15. Big Game Region Hunted:

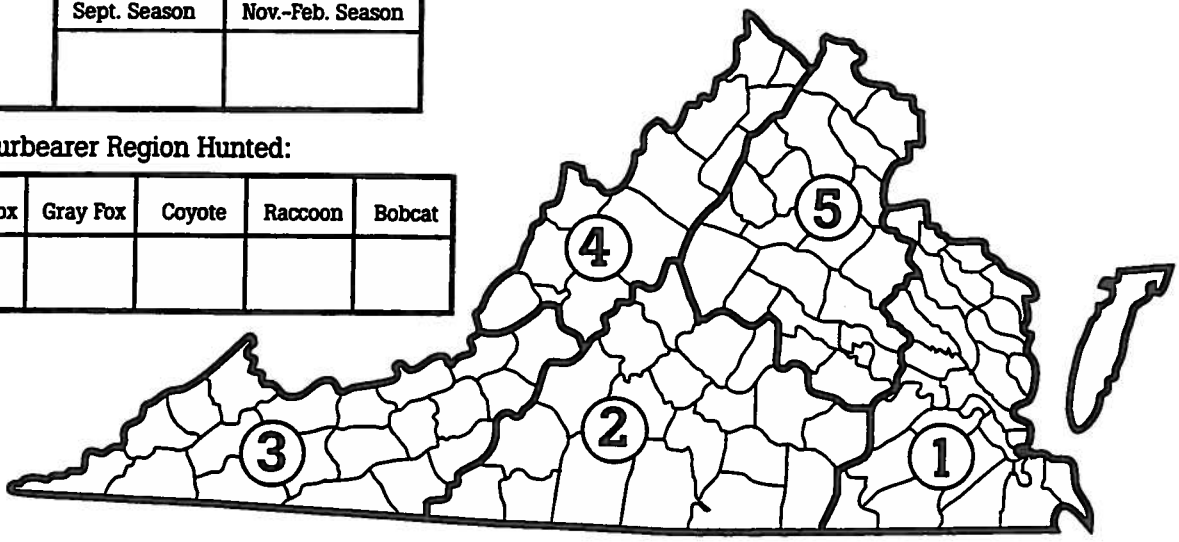
Deer			Turkey			Bear
Archery	Muzzleloader	Gun	Spring '95	Fall, '95	Spring, '96	

16. Waterfowl Region Hunted:

Ducks	Geese	
	Sept. Season	Nov.-Feb. Season

17. Furbearer Region Hunted:

Red Fox	Gray Fox	Coyote	Raccoon	Bobcat



18. Next, please indicate the county where you most often hunted DEER (Gun) during 1995. (If you did not hunt deer, leave the space blank).

_____ County.

19. Now, indicate the county where you most often hunted TURKEYS during FALL 1995. (If you did not hunt turkeys in the fall, leave the space blank).

_____ County.

20. Overall, how do you rate the quality of your 1995 FALL TURKEY season?
(If you did not hunt turkeys in the fall, skip to question #21.)

Poor			Adequate			Excellent
❑	❑	❑	❑	❑	❑	❑

The next 2 questions pertain to hunting RUFFED GROUSE. (If you did not hunt grouse during the 1995-96 hunting season, please skip to Question #23).

21. Please indicate the number of grouse you killed and the number of times you hunted during each month of the 1995-96 hunting season.

	Grouse Killed	Number of Hunts
a. October	_____	_____
b. November	_____	_____
c. December	_____	_____
d. January	_____	_____
e. February	_____	_____

22. Overall, how do you rate the quality of your 1995-96 RUFFED GROUSE season?

Poor			Adequate			Excellent
❑	❑	❑	❑	❑	❑	❑

The next 2 questions pertain to QUAIL hunting.

23. Did you hunt QUAIL on the opening day of the 1995-96 quail season (November 27, 1995)?
❑ Yes ❑ No ❑ Not sure

24. If you were able to choose the opening date for QUAIL season, please indicate the degree to which you favor or oppose each of the following opening date options.

	Strongly Oppose			Does Not Matter			Strongly Favor
a. 1st Monday in November	❑	❑	❑	❑	❑	❑	❑
b. 2nd Monday in November	❑	❑	❑	❑	❑	❑	❑
c. 3rd Monday in November	❑	❑	❑	❑	❑	❑	❑
d. 4th Monday in November	❑	❑	❑	❑	❑	❑	❑

The next 2 questions relate to SETTING HUNTING SEASONS.

25. What day of the week would you prefer to open hunting seasons for the following species?

	Saturday	Monday	Does not matter
a. Quail	❑	❑	❑
b. Rabbit	❑	❑	❑
c. Squirrel	❑	❑	❑
d. Ruffed Grouse	❑	❑	❑
e. Fall Turkey	❑	❑	❑
f. Spring Turkey	❑	❑	❑
g. Deer (Archery)	❑	❑	❑
h. Deer (Muzzleloader)	❑	❑	❑
i. Deer (Gun)	❑	❑	❑

26. This question pertains to DUCK season. If the 1996-97 DUCK season consists of 3 segments, which dates do you prefer for the OCTOBER segment? (✔ Check only one).

❑ October 2-5

❑ October 9-12

❑ Does not matter

The next 7 questions pertain to WHITE-TAILED DEER.

27. Overall, how do you rate the quality of your 1995-96 DEER (Gun) season?
(If you did <u>not</u> hunt deer, skip to question #32.)

Poor			Adequate			Excellent
❑	❑	❑	❑	❑	❑	❑

28. When compared to previous years, would you say the number of deer in the area you hunted in 1995: (✔ Check only one.)

❑ Declined dramatically

❑ Declined

❑ Remained about the same

❑ Increased

❑ Increased dramatically

❑ No opinion

29. 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.

30. If you hunted during a special muzzleloader deer season during 1995-96, did you use a scope on your muzzleloader? (If you did not hunt during a special muzzleloader season in 1995-96, please skip to Question #31).

❑ Yes ❑ No

31. Please indicate the degree to which you **favor or oppose** requiring ALL HUNTERS (regardless of the species they are hunting) to wear hunter orange (blaze orange) during open muzzleloader seasons for deer?

Strongly Oppose			Does Not Matter			Strongly Favor
❑	❑	❑	❑	❑	❑	❑

32. Overall, how would you rate the management of deer by the Department of Game and Inland Fisheries?

Poor			Adequate			Excellent
❑	❑	❑	❑	❑	❑	❑

33. In your opinion, how well does the Department of Game and Inland Fisheries incorporate public input into its deer management decisions?

Poor			Adequate			Excellent
❑	❑	❑	❑	❑	❑	❑

The next set of questions pertains to management of PUBLIC LANDS for hunting.

34. Did you hunt on publicly-owned land (national forest, state wildlife management area, etc.) during the 1995-96 hunting season?

❑ Yes ❑ No ❑ Not sure

If yes, how many days did you hunt on each of the following categories of public land during the 1995-96 hunting season? (Count partial days as 1 day).

a. VDGIF-owned wildlife management area _____ days
b. State forest _____ days
c. State park _____ days
d. National forest _____ days
e. Military land _____ days
f. Other public lands _____ days

35. How important is it to have public lands on which to hunt?

Not Important			Does not Matter			Extremely Important
❑	❑	❑	❑	❑	❑	❑

36. Please tell us the degree to which you **agree or disagree** with the following statement. During the 1995-96 hunting seasons, there was enough public land on which to hunt.

Strongly Disagree			Neither Agree Nor Disagree			Strongly Agree
❑	❑	❑	❑	❑	❑	❑

37. Of the days you spent hunting in the 1995-96 season, what percentage is spent hunting on lands in the following categories? Be sure that the total equals 100 percent.

a. Land you own (or owned by your family) _____ %
b. Public lands (state WMA's, national forests, etc.) _____ %
c. Private lands (owned by someone other than you or someone in your family) _____ %
d. Corporate lands (Westvaco, Union Camp, etc.) _____ %

TOTAL 100 %

38. If, in order to increase the quality of deer on PUBLIC LANDS, it meant instituting some form of restriction (e.g., shorter season, restricted buck harvest, etc.), to what degree would you **favor or oppose** implementing these restrictions?

Strongly Oppose			Does Not Matter			Strongly Favor
❑	❑	❑	❑	❑	❑	❑

The final set of questions pertains to SPRING TURKEY HUNTING. **(If you did not hunt turkeys during the 1996 spring season, you have now completed the survey. Please fold the survey and return it to us as soon as possible.)**

39. Overall, how do you rate the quality of your SPRING TURKEY hunting during 1996?

Poor			Adequate			Excellent
❑	❑	❑	❑	❑	❑	❑

40. Did you experience any interference from other hunters while hunting during the 1996 spring turkey season?

❑ Yes ❑ No

If yes, on how many hunts did you experience interference?

_____ hunts

41. What is your opinion regarding opening spring turkey season on the Saturday nearest April 15th each year? (✔ Check only one).

❑ Too early
❑ I like the idea
❑ Too late

42. Which option regarding hunting hours do you prefer for spring turkey season? (✔ Check only one.)

❑ 1/2 hour before sunrise until 12:00 noon
❑ 1/2 hour before sunrise until sunset
❑ Does not matter

43. How many days did you hunt during each of the following weeks of the 1996 spring turkey season?

a. Opening Day (April 13)	❑ Yes	❑ No
b. Week 1 (April 15-20)	_____ days	
c. Week 2 (April 22-27)	_____ days	
d. Week 3 (April 27-May 4)	_____ days	
e. Week 4 (May 6-11)	_____ days	
f. Week 5 (May 13-18)	_____ days	

44. What type of weapon did you use most often when hunting spring turkeys in 1996? (✔ Check only one.)

- ❑ shotgun
- ❑ rifle
- ❑ shotgun/rifle combination
- ❑ pistol
- ❑ bow
- ❑ muzzleloader

45. If you hunted with a shotgun, what size shot did you use for your first shot? (✔ Check only one).

- ❑ 2's
- ❑ 4's
- ❑ 5's
- ❑ 6's or smaller

46. On what type of land did you hunt SPRING TURKEYS during 1996? 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) _____	_____

47. Next, we'd like you to imagine an **EXCELLENT SPRING TURKEY SEASON.** In the next set of questions, please indicate how essential the following attributes are to an excellent spring turkey 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 for Excellence
a.	Getting away from civilization and everyday problems	❑1	❑2	❑3	❑4	❑5	❑6	❑7
b.	Being close to nature	❑1	❑2	❑3	❑4	❑5	❑6	❑7
c.	Maintaining and/or using my equipment	❑1	❑2	❑3	❑4	❑5	❑6	❑7
d.	Spending sufficient time scouting the areas I intend to hunt	❑1	❑2	❑3	❑4	❑5	❑6	❑7
e.	Being able to spend plenty of time patterning my shotgun	❑1	❑2	❑3	❑4	❑5	❑6	❑7
f.	Watching TV programs about spring turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
g.	Reading magazines about spring turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
h.	Attending seminars to learn more about spring turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
i.	Seeing turkeys while hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
j.	Seeing and hearing other wildlife while hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
k.	Seeing very few other hunters while hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
l.	Feeling reasonably safe while in the woods	❑1	❑2	❑3	❑4	❑5	❑6	❑7
m.	Spending time with my hunting companions	❑1	❑2	❑3	❑4	❑5	❑6	❑7
n.	Teaching someone the skills of hunting turkeys in the spring	❑1	❑2	❑3	❑4	❑5	❑6	❑7
o.	Combining turkey hunting with other activities (e.g., fishing)	❑1	❑2	❑3	❑4	❑5	❑6	❑7
p.	Calling turkeys successfully	❑1	❑2	❑3	❑4	❑5	❑6	❑7
q.	Hearing turkeys while hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
r.	Seeing turkey sign (tracks, scratchings,etc.)	❑1	❑2	❑3	❑4	❑5	❑6	❑7
s.	The challenge of turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
t.	The solitude of turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
u.	Getting a shot at a gobbler	❑1	❑2	❑3	❑4	❑5	❑6	❑7
v.	Bagging a gobbler	❑1	❑2	❑3	❑4	❑5	❑6	❑7
w.	Bagging a limit of gobblers	❑1	❑2	❑3	❑4	❑5	❑6	❑7
x.	Bagging a juvenile gobbler (jake)	❑1	❑2	❑3	❑4	❑5	❑6	❑7
y.	Bagging an adult gobbler	❑1	❑2	❑3	❑4	❑5	❑6	❑7

z.	Showing a gobbler I bagged to family and friends	❑1	❑2	❑3	❑4	❑5	❑6	❑7
aa.	Bringing home a turkey to eat	❑1	❑2	❑3	❑4	❑5	❑6	❑7
bb.	Displaying a trophy turkey, beard, etc.	❑1	❑2	❑3	❑4	❑5	❑6	❑7

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 spring turkey hunting during 1996.

48. 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 1996 spring turkey season, I:								
a.	Was able to get away from civilization and everyday problems	❑1	❑2	❑3	❑4	❑5	❑6	❑7
b.	Felt close to nature	❑1	❑2	❑3	❑4	❑5	❑6	❑7
c.	Spent sufficient time maintaining and using my equipment	❑1	❑2	❑3	❑4	❑5	❑6	❑7
d.	Spent sufficient time scouting the areas I hunted	❑1	❑2	❑3	❑4	❑5	❑6	❑7
e.	Spent plenty of time patterning my shotgun	❑1	❑2	❑3	❑4	❑5	❑6	❑7
f.	Watched plenty of TV programs about spring turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
g.	Read plenty of magazines about spring turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
h.	Was able to attend a seminar(s) to learn more about spring turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
i.	Saw plenty of turkeys	❑1	❑2	❑3	❑4	❑5	❑6	❑7
j.	Saw and heard plenty of other wildlife	❑1	❑2	❑3	❑4	❑5	❑6	❑7
k.	Saw very few other hunters while hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
l.	Felt reasonably safe while in the woods	❑1	❑2	❑3	❑4	❑5	❑6	❑7
m.	Was able to spend plenty of time with my hunting companions	❑1	❑2	❑3	❑4	❑5	❑6	❑7
n.	Taught someone the skills of hunting turkeys in the spring	❑1	❑2	❑3	❑4	❑5	❑6	❑7
o.	Was able to combine my turkey hunting with other activities	❑1	❑2	❑3	❑4	❑5	❑6	❑7
p.	Called turkeys successfully	❑1	❑2	❑3	❑4	❑5	❑6	❑7
q.	Heard turkeys while hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
r.	Saw plenty of turkey sign (tracks, scratchings, etc.)	❑1	❑2	❑3	❑4	❑5	❑6	❑7
s.	Was personnally challenged while turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
t.	Was able to find solitude while turkey hunting	❑1	❑2	❑3	❑4	❑5	❑6	❑7
u.	Had the opportunity to shoot at a gobbler	❑1	❑2	❑3	❑4	❑5	❑6	❑7

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!