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AN ANALYSIS OF MINNESOTA HUNTING QUESTIONNAIRE

Compiled for
The Minnesota Department of Natural Resources,
Bureau of Comprehensive Planning and Programming,
St. Paul, Minnesota

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STATE OF MINNESOTA
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During 1977-1978, the Minnesota Department of Natural Resources and the State Legislature sponsored a large-scale outdoor recreation participation study. One segment of this rather comprehensive study involved a mail questionnaire sent to resident hunters. The information obtained from this study will be used to help the state's natural resource managers more effectively satisfy the needs of Minnesota hunters (refer to Appendix A for questionnaire).

Approximately 1200 completed questionnaires were returned (see Appendix F for a comparison of the hunter sample to the total survey sample). The sample results have been expanded to reflect the total 1977 Minnesota hunter population characteristics.

What Type of Licenses were Purchased?

According to the Minnesota hunting license center, approximately 1,509,200 hunting and fishing licenses of various types were purchased by Minnesota residents. Appendix G presents the percentage breakdown of this total figure into several different types of licenses. It also presents the estimated percent breakdown as determined from the survey. At the state level, the population and the sample distributions match reasonably well. Therefore, the sample results were applied to the actual number of total licenses sold in order to obtain a rough estimation of the regional distribution of various hunting/fishing licenses. These results are displayed in Table 1.

For the state as a whole, small game (366,600 licenses), firearm deer hunting (284,200 licenses) and husband and wife fishing (269,000 licenses) were the most sought after licenses during 1977-1978. From a regional perspective, Region 11 (562,900 licenses), Region 3 (174,200 licenses) and Region 10 (157,700 licenses) were the most populated with hunters and fishers.

More specific regional differences in types of licenses purchased can be found by examining the interior columns of the table. However, due to small sample sizes in some of the table cells, this information should be used only as indices of license purchases. Of course, the state totals and column totals are more reliable.

What Game Species Were Hunted?

Respondents were asked which game species they hunted in Minnesota during the 1977-1978 seasons. Table 2 displays the results. Among the 132,000 active hunters for the state as a whole, 56% hunted deer with firearms other than muzzleloaders, 55% hunted pheasants, 49% ruffed grouse, and 44% hunted ducks. Moose (0.9%), bobcat (0.3%), and lynx (0.3%) were hunted least often.

Once again, interregional differences in species hunted can be found by examining the internal columns of the table.

Referring to Table 3 (Table 1E for DNR Regions), we can get a feel for the bagging success rate per trip for each species hunted. For example, in Region 1 an average of .39 deer were killed per hunting trip as compared to .63 deer per hunting trip in Region 6E.

Taking another example, 6.61 rabbits were bagged per hunting trip in Region 1 as compared to an average of 1.21 in Region 4 .

What Were the Number of Days Spent Hunting?

Table 4A (Table 2E(A), Appendix E for DNR Regions) displays the average number of days per trip spent in each Minnesota development region while hunting for a particular species. For example, the average length of a deer hunting trip in Region 1 was 3.27 days while, on the other hand, squirrel hunting trips appear to be 1.00 day adventures.

Table 4B (Table 2E(B), Appendix E for DNR Regions), depicts the average number of days per hunter spent in each Minnesota development region hunting

TABLE 1

Estimated Number of Minnesota Hunting Licenses Purchased
(by Region of Residence)

LICENSE	REGION											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
Deer (firearms)	11,000	6,400	45,700	21,900	12,400	7,800	5,800	9,800	21,100	8,200	17,600	30,000	86,500	284,200
Deer (bow & arrow)	1,000	700	2,900	1,700	600	1,600	1,900	1,000	3,200	2,900	3,800	7,700	21,300	50,300
Bear	400	400	1,100	300	200	200	200	700	1,100	800	1,300	1,500	3,100	11,300
Small Game	10,600	4,900	40,000	20,200	9,000	9,000	6,500	7,700	21,800	16,300	28,900	43,100	148,600	366,600
Beaver	-	200	1,100	1,000	400	800	-	300	-	300	400	800	2,100	7,400
General Trapping	1,400	400	3,400	2,100	800	600	800	200	1,400	800	1,700	3,800	4,100	21,500
Duck Stamp (state)	6,600	2,200	13,700	14,400	5,500	7,600	5,200	4,100	13,600	9,500	10,200	14,600	82,400	190,300
Spearing	2,400	1,700	8,600	8,900	3,600	1,900	1,300	800	4,700	2,100	2,900	2,300	13,200	54,500
Fish (Individual)	4,000	1,700	13,700	7,500	2,900	3,700	1,800	3,400	7,900	7,400	10,900	17,700	68,200	150,800
Fish (Husband and wife)	7,400	4,900	30,800	18,100	9,200	7,600	6,400	6,200	16,800	10,800	22,200	30,800	97,800	269,000
Fish (Household)	2,800	1,700	10,300	10,900	3,800	2,700	2,000	2,800	9,700	3,700	7,100	5,400	33,600	96,500
Wild Ricing	200	100	2,900	-	800	-	-	500	400	-	-	-	2,000	6,800
COLUMN TOTAL	47,800	25,300	174,200	107,000	49,200	43,500	31,900	37,500	101,700	62,800	107,700	157,700	562,900	1,509,200

TABLE 2
SPECIES HUNTED

SPECIES COLUMN #	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
MOOSE	109 2.8	20 1.3	313 2.0	94 1.1	58 1.4	0 0.0	0 0.0	0 0.0	294 3.7	217 4.3	115 1.2	0 0.0	0 0.0	1226 8.9
DEER (OTHER FIREARMS)	2839 73.2	1568 73.7	12035 78.6	5710 70.1	3393 84.3	2132 63.5	1402 59.7	2598 79.5	5586 69.5	2094 41.8	4703 49.4	7164 56.0	22296 42.3	73519 55.7
BEAR	109 2.8	196 9.2	625 4.1	0 0.0	115 2.9	53 1.6	0 0.0	224 6.8	196 2.4	217 4.3	229 2.4	421 2.9	557 1.1	2944 2.2
GEESE	1747 45.1	364 17.1	2032 13.3	2995 36.8	690 17.1	2132 63.5	1467 62.5	627 19.2	2646 32.9	2383 47.1	3212 33.7	2950 20.6	13935 26.5	37179 28.1
FOX	983 25.4	224 10.5	313 2.0	1217 14.9	288 7.1	533 15.9	717 30.6	179 5.5	1666 20.7	1733 34.3	2409 25.3	2318 16.2	1394 2.6	13972 10.6
BOBCAT	0 0.0	0 0.0	0 0.0	0 0.0	58 1.4	53 1.6	33 1.4	45 1.4	0 0.0	0 0.0	0 0.0	211 1.3	0 0.0	399 0.3
PHEASANT	491 12.7	196 9.2	2188 14.3	3463 42.5	1150 28.6	2398 71.4	1500 63.9	1568 47.9	4998 62.2	4115 81.4	7111 74.7	10324 72.1	32608 61.9	72112 54.6
SHARPTAIL GROUSE	1747 45.1	252 11.8	4689 30.6	1030 12.6	403 10.0	267 7.9	98 4.2	806 24.7	1754 22.0	361 7.1	1147 12.0	643 5.9	9476 18.0	22882 17.3
OTHER	437 11.3	308 14.5	2188 14.3	842 10.3	460 11.4	373 11.1	163 6.9	358 11.0	1470 18.3	794 15.7	1950 20.3	2528 17.6	8082 15.3	19959 15.1
DEER (MUZZLE- LOADER)	0 0.0	112 5.3	313 2.0	281 3.4	58 1.4	53 1.6	65 2.8	45 1.4	196 2.4	0 0.0	348 3.6	1054 7.4	1672 3.2	4192 3.2
DEER (BOW & ARROW)	273 7.0	196 9.2	469 3.1	468 5.7	345 8.6	426 12.7	619 26.4	224 6.8	980 12.2	866 17.1	1032 10.8	1896 13.2	5853 11.1	13648 10.3
DUCKS	2129 54.9	700 32.9	3595 23.5	4680 57.5	1783 44.3	2132 63.5	1206 51.4	1299 39.7	4508 56.1	3032 60.0	4015 42.3	4846 33.8	24247 46.0	59172 44.0
WOODCOCK	218 5.6	140 6.6	2657 17.3	374 4.6	633 15.7	373 11.1	196 8.3	762 23.3	392 4.9	72 1.4	803 8.4	1054 7.4	7804 14.8	15477 11.7
RACCOON	655 16.9	224 10.5	0 0.0	842 10.3	345 8.6	373 11.1	359 15.3	45 1.4	980 12.2	650 12.9	1606 16.9	1475 10.3	1672 3.2	9226 7.0
LYNX	0 0.0	0 0.0	156 1.0	0 0.0	58 1.4	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	211 1.3	0 0.0	439 0.3
RUFFLED GROUSE	2075 53.5	1456 68.4	10160 66.3	2995 36.8	2300 57.1	959 28.6	293 12.5	1882 57.5	4606 57.3	722 14.3	2179 22.9	6532 45.6	28706 54.5	64865 49.1
PARTRIDGE	1583 40.8	448 21.1	4376 28.6	1872 23.0	863 21.4	1066 31.7	913 33.9	627 19.2	2058 25.6	3105 61.4	2523 26.9	2107 14.7	9197 17.5	30738 23.3
OTHER	164 4.2	112 5.3	625 4.1	468 5.7	230 5.7	320 9.5	196 8.3	224 6.8	588 7.3	72 1.4	1376 14.3	1475 10.3	2508 4.8	8358 6.3
COLUMN TOTALS	3877 2.9	2128 1.6	15317 11.6	8143 6.2	4025 3.0	3358 2.5	2347 1.8	3270 2.5	8036 6.1	5054 3.8	9520 7.2	14328 10.8	52674 39.9	132078 100.0

TABLE 3

Average Number of Species Bagged Per Hunting Trip By Region Hunted In

REGION	SPECIES									
	Deer	Ducks	Fox	Geese	Ruffed or Spruce Grouse	Unspeci- fied Grouse	Partridge	Pheasant	Rabbit	Squirrel
1	.39	2.58	.92	1.08	3.95	2.02	1.37	1.29	6.61	3.50
2	.30	5.95	-	.96	4.55	2.66	1.43	5.50	6.54	8.02
3	.28	3.14	.50	.69	3.08	3.37	3.01	5.01	7.88	4.99
4	.36	5.70	1.42	1.09	1.03	2.31	2.69	2.23	1.21	1.64
5	.21	3.63	.89		3.02	2.62	.66	1.60	5.24	4.67
6E	.63	3.26	1.59	.17	3.00	.67	1.96	1.27	2.81	4.85
6W	.20	2.24	1.22	.97	3.02	1.46	4.22	2.49	3.14	1.61
7E	.16	2.63	-	.45	2.22	2.24	1.05	1.19	1.36	3.93
7W	.32	3.70	.34	-	1.35	1.58	2.90	1.58	2.62	7.64
8	.55	4.13	.52	.89	-	1.90	2.33	2.08	3.76	1.50
9	.22	4.41	1.25	.75	-	-	1.97	1.80	1.93	5.13
10	.43	4.29	2.00	.81	2.83	2.38	1.75	2.22	3.57	7.79
11	.09	2.98	-	-	.06	1.29	1.93	1.51	1.89	6.22

TABLE 4A

REGION	Average Number of Hunting Days Per Trip For Each Species in Each Region Hunted In											
	Bear	Deer	Ducks	Fox	Geese	Ruffed or Spruce Grouse	Sharptail Grouse	Unspecified Grouse	Partridge	Pheasant	Rabbit	Squirrel
1	-	3.27	2.97	2.00	2.52	2.55	1.87	2.71	2.91	3.25	1.66	1.00
2	3.67	3.07	2.28	5.00	1.96	2.51	2.52	2.08	2.47	1.00	5.03	2.59
3	2.62	3.06	2.23	1.50	2.75	2.33	1.00	1.84	2.09	1.38	1.98	1.16
4	-	2.08	2.36	1.76	2.52	1.44	-	2.04	3.81	2.11	1.69	1.31
5	-	2.78	2.12	1.00	1.72	2.14	-	1.80	3.34	1.33	2.62	2.89
6E	-	1.93	1.81	4.39	1.63	1.00	-	3.00	1.89	1.76	1.22	2.17
6W	-	1.92	2.02	2.45	1.60	1.00	-	1.00	1.61	1.98	2.22	2.48
7E	4.33	2.96	2.30	1.82	3.36	1.48	-	1.83	2.11	1.72	1.26	1.95
7W	-	2.57	1.83	1.40	3.32	1.84	-	1.94	1.40	2.11	2.11	1.81
8	-	2.24	2.16	2.11	2.71	-	-	1.20	2.18	2.18	1.90	1.00
9	-	1.94	1.82	1.33	1.67	-	-	-	1.84	2.06	2.08	1.83
10	-	2.82	2.51	2.00	1.32	2.05	-	1.44	2.16	1.80	2.42	3.55
11	-	1.83	1.76	-	-	1.22	-	1.43	2.00	1.65	2.29	2.36

TABLE 4B

Average Number of Days Per Hunter Spent in Each Development Region for Each Species Hunted

REGION	Bear	Deer	Ducks	Fox	Geese	Ruffed or Spruce Grouse	Sharptail Grouse	Unspecified Grouse	Partridge	Pheasants	Rabbit	Squirrel
1	-	4.97	3.53	3.70	2.99	3.58	1.81	3.45	3.25	2.67	2.58	.51
2	3.67	4.81	2.94	5.04	2.52	3.35	1.95	2.93	2.65	5.02	3.40	1.82
3	4.73	4.87	4.41	1.51	2.40	4.44	1.00	1.81	3.20	.93	7.28	2.31
4	-	2.57	3.78	3.63	3.50	2.21	-	3.23	2.84	2.19	1.28	1.08
5	-	3.66	3.86	.56	2.68	3.65	-	3.79	3.14	1.36	3.97	3.85
6E	-	3.80	4.96	4.74	5.68	1.00	-	4.53	5.61	2.87	1.97	4.66
6W	11.09	4.51	4.24	3.81	3.39	.50	-	2.13	3.08	2.91	2.29	2.49
7E	4.41	3.90	2.71	1.83	3.30	2.46	5.01	4.54	2.53	2.19	.126	4.50
7W	-	3.14	3.86	1.61	2.89	2.22	-	3.09	1.92	3.69	2.60	3.05
8	-	2.85	5.32	5.60	7.58	-	-	1.20	5.18	2.93	6.46	4.51
9	-	3.39	5.40	1.00	1.26	-	-	-	1.59	3.89	2.43	2.89
10	-	4.40	4.47	1.50	2.37	4.11	-	1.97	2.87	2.66	2.98	4.15
11	-	3.90	3.15	-	-	1.11	-	1.67	2.01	2.55	3.95	5.07

for various game species. Of course, these numbers may be composed of multiple trips to the same region for many of the resident hunters. On the average, each deer hunter who hunted deer in Region 1 spent 4.97 days in that region as compared to an average of 1.81 days for hunters in search of sharp-tail grouse.

Where Do Hunters Come From and Where do They Go?

The tables in Appendix B (and Tables 3-17, Appendix E for DNR Regions) of this report show the interregional flows of hunters for each of the various game species hunted. By turning to the bottom of the first column in Table 2B, we see that 3167 deer hunting trips originated in Region 1. Of these, 2785 or 72.0% also occurred in Region 1, while 328, or 3.1%, traveled to Region 2 to do their deer hunting. Also note that of the approximately 101.5 thousand resident deer hunting trips in the state as a whole, 37% (the percent for Region 11 column total) originated in Region 11 while 32% (the percent for Region 3 row total) were destined for Region 3.

There is one origin/destination table for each species hunted. Note that only regions where hunting trips originated at or were destined to are displayed in the tables. Of course, the other species tables presented can be interpreted in a similar manner.

Also of interest is the average number of hunting trips per hunter over the course of the year (Table 5). For the state as a whole, hunters averaged 3.6 outings last year. Hunters from Region 7W were the most active (4.2 trips per hunter) while those from Regions 2 and 4 got out least often (3.0 trips per hunter).

What Educational Programs Are Desired?

Hunters were asked what information they would most like to have provided for them in a free, voluntary education program. Game habits, hunting safety,

TABLE 5

AVERAGE NUMBER OF TRIPS PER HUNTER BY REGION OF RESIDENCE

<u>REGION OF RESIDENCE</u>	<u>#TRIPS/HUNTER</u>
1	3.2
2	3.0
3	3.6
4	3.0
5	3.8
6E	4.1
6W	3.3
7E	3.5
7W	4.2
8	3.9
9	3.2
10	3.3
11	3.7
STATE TOTAL	3.6

TABLE 6

HUNTER EDUCATION PROGRAMS

#	COLUMN	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
	Outdoor Survival	1693	1064	7346	3463	1840	1739	717	1523	3920	2166	3900	5268	26198	60856
		46.3	48.7	52.2	42.0	46.4	49.3	28.6	45.9	48.2	40.0	40.0	35.2	45.0	44.1
	Hunter Safety	1201	868	7815	3182	1783	1332	1043	1478	3724	2238	4359	7585	25919	62528
		32.8	39.7	55.6	38.6	44.9	37.3	41.6	44.6	45.8	41.3	44.7	50.7	44.5	45.3
	Hunting Techniques	874	616	5002	3370	978	1439	848	1030	3038	1586	4359	4846	24247	52233
		23.9	28.2	35.6	40.9	24.6	40.3	33.8	31.1	37.3	29.3	44.7	32.4	41.6	37.8
	Plant Identification	655	588	3439	1310	920	746	424	627	2058	433	2523	3793	13935	31452
		17.9	26.9	24.4	15.9	23.2	20.9	16.9	18.9	25.3	8.0	25.9	25.4	23.9	22.8
	Game Cooking	1201	586	6252	2527	1150	906	652	1299	2058	1661	4129	5900	18115	46439
		32.8	26.9	44.4	30.7	29.0	25.4	26.0	39.2	25.3	30.7	42.4	39.4	31.1	33.6
	Game Identification	874	700	3439	3089	978	1332	1076	1030	2352	2094	3326	5689	20902	46881
		23.9	32.1	24.4	37.5	24.6	37.3	42.9	31.1	28.9	34.7	34.1	38.0	35.9	34.0
	Firearms Care	655	616	3439	2246	978	959	554	762	1862	1586	1950	3793	15886	35288
		17.9	28.2	24.4	27.3	24.6	26.9	22.1	23.0	22.9	29.3	20.0	25.4	27.3	25.6
	Where to Hunt	928	560	4064	3089	1035	1279	978	986	3430	1377	4588	5057	22575	50445
		25.0	25.6	28.9	37.5	26.1	35.8	39.0	29.7	42.2	34.7	47.1	33.8	38.8	36.6
	Wild food Gathering	874	616	4376	1591	1495	746	391	448	1862	289	2065	3793	13378	31923
		23.9	28.2	31.1	19.3	37.7	20.9	15.6	13.5	22.9	5.3	21.2	25.4	23.0	23.1
	Hunting Ethics	1992	756	5314	2434	1495	906	815	1344	2842	1444	2868	6953	22575	50837
		29.9	34.6	37.8	29.5	37.7	25.4	32.5	40.5	38.9	26.7	24.4	46.3	38.8	36.8
	Game Habits	1310	672	6252	4025	1438	1546	880	1523	3920	2455	4817	6742	27313	62893
		35.8	30.8	44.4	48.9	36.2	43.3	35.1	45.9	48.2	45.3	49.4	43.1	48.9	43.6
	Hunting Laws	1310	806	5783	3463	1840	1706	1206	1523	3724	2599	5007	7585	25083	61766
		35.8	41.0	41.1	42.0	46.4	47.8	48.1	45.9	49.8	48.0	51.8	50.7	43.1	48.8
	Outdoor Equipment	655	308	2344	1778	690	213	196	448	1470	361	1147	2318	7525	19453
		17.9	14.1	16.7	21.6	17.4	6.0	7.8	13.5	18.1	6.7	11.8	13.5	12.9	14.1
	Habitat	546	336	4533	2621	1265	1066	750	1030	2450	1588	2868	3793	14492	37338
		14.9	15.4	32.2	31.8	31.9	29.9	29.9	31.1	30.1	29.3	29.4	25.4	24.9	27.1
	Nongame Identification	382	252	1407	1310	863	426	326	582	1078	866	574	1896	10312	20273
		10.8	11.5	10.0	15.9	21.7	11.9	13.0	17.6	13.3	16.0	5.9	12.7	17.7	18.7
	Wildlife Management	764	588	3439	2340	1323	1332	815	1254	2548	2310	3441	5478	17558	43191
		20.9	26.9	24.4	28.4	33.3	37.3	32.5	37.8	31.3	42.7	35.3	36.6	30.1	31.3
	Trapping Techniques	491	308	3282	1685	863	586	326	627	1470	722	1835	2950	6967	22113
		13.4	14.1	23.3	20.5	21.7	16.4	13.0	18.9	18.1	13.3	18.6	19.7	12.0	16.0
	Other	218	56	938	94	115	0	98	90	392	0	229	421	557	3208
		6.0	2.6	6.7	1.1	2.9	0.0	3.9	2.7	4.8	0.0	2.4	2.8	1.0	2.3
	Column Totals	3658	2184	14067	8237	3968	3571	2510	3315	8134	5415	9749	14960	56248	138016
		2.7	1.6	10.2	6.0	2.9	2.6	1.8	2.4	5.9	3.9	7.1	10.4	42.2	100.0

TABLE 7
THE IMPORTANCE OF OBSERVING NON-GAME WILDLIFE

#	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
COLUMN %														
Very Important	34 48.6	41 54.7	49 49.5	48 52.7	46 65.7	38 55.9	47 61.0	47 62.7	38 47.5	38 53.5	41 44.6	40 58.0	104 50.2	611 93.4
Important	15 21.4	17 22.7	15 15.2	20 22.0	17 24.3	13 19.1	15 19.5	13 17.3	15 18.8	10 14.1	23 25.0	18 20.3	51 24.6	238 20.8
Indifferent	12 17.1	11 14.7	23 23.2	13 14.3	3 4.3	14 20.6	11 14.3	9 12.0	18 22.5	15 21.1	14 15.2	6 8.7	35 16.9	184 16.1
Not Too Important	2 2.9	1 1.3	5 5.1	1 1.1	1 1.4	0 0.0	2 2.6	1 1.3	3 3.8	1 1.4	2 2.2	2 2.9	4 1.9	23 2.2
Not Important at All	3 4.3	2 2.7	5 5.1	5 5.5	3 4.3	2 2.9	2 2.6	1 1.3	4 5.0	4 5.6	7 7.6	7 10.1	9 4.3	54 4.7
Don't Know	4 5.7	3 4.0	2 2.0	4 4.4	0 0.0	1 1.5	0 0.0	4 5.3	2 2.5	3 4.2	5 5.4	0 0.0	4 1.9	32 2.8
Column Total	79 6.1	79 6.6	99 8.7	91 8.0	70 6.1	68 5.9	77 6.7	75 6.6	80 7.0	71 6.2	92 8.0	69 6.0	207 18.1	1144 100.0

TABLE 8

DISTRIBUTION OF EDUCATIONAL MATERIAL

#	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
COLUMN %														
One-Day Seminar	218	196	469	749	230	160	163	179	588	217	1032	1264	4181	9606
	6.2	10.6	3.8	9.8	7.1	5.4	7.5	6.2	8.2	4.5	12.2	9.8	8.8	8.2
Weekend Workshop	164	84	762	281	58	213	0	134	294	299	229	421	1951	4900
	4.7	4.5	6.3	3.7	1.8	7.1	0.0	4.6	4.1	6.0	2.7	3.3	4.1	4.2
Evening Meetings	437	168	1719	1404	748	373	196	403	882	650	918	1686	3902	13484
	12.5	9.1	13.7	18.3	23.2	12.5	9.0	13.8	12.3	13.4	10.8	13.1	8.2	11.4
Television Programs	819	420	4689	2527	690	853	782	672	2156	1227	2294	2739	17001	36870
	23.4	22.7	37.5	32.9	21.4	28.6	35.8	23.1	30.1	25.4	27.0	21.3	35.7	31.3
Film Series	218	196	1094	281	115	213	196	179	294	289	344	843	1672	5934
	6.2	10.6	8.8	3.7	3.6	7.1	9.0	6.2	4.1	6.0	4.1	6.6	3.5	5.0
Published Literature	1638	784	3751	2434	1380	1173	848	1344	2940	2166	3670	5900	18952	46979
	46.9	42.4	30.0	31.7	42.9	39.3	38.8	46.2	41.1	44.8	43.2	45.9	39.8	39.9
Column Total	3494	1848	12504	7675	3220	2985	2184	2912	7154	4837	8488	12853	47458	117812
	3.0	1.6	10.6	6.5	2.7	2.5	1.9	2.5	6.1	4.1	7.2	10.9	40.5	100.0

TABLE 9

INTENTIONS TO USE PROGRAM

#	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTALS
COLUMN %														
Definitely	109	56	625	374	115	160	0	45	98	144	459	421	557	3165
Would Not	3.1	2.8	4.5	4.7	3.0	4.4	0.0	1.5	1.2	2.9	4.5	2.9	1.0	2.4
Probably	55	0	156	94	58	107	0	45	98	0	344	0	279	1234
Would not	1.6	0.0	1.1	1.2	1.5	2.9	0.0	1.5	1.2	0.0	3.4	0.0	0.5	0.9
Maybe	109	168	938	468	58	53	196	90	592	217	1262	1475	2787	8211
	3.1	8.3	6.7	5.8	1.5	1.5	8.1	3.0	4.9	4.3	12.5	10.3	4.9	6.1
Probably Would	874	308	2188	1030	633	853	196	672	1568	939	1491	3793	14492	29035
	25.0	15.3	15.7	12.8	16.7	23.5	8.1	22.7	19.8	18.6	18.8	26.5	25.6	21.6
Definitely	1693	1204	8284	4118	2473	2132	1695	1792	4802	2888	4817	7164	34001	77063
Would	48.4	59.7	59.6	51.2	65.2	58.8	70.3	60.6	60.5	57.1	47.7	50.0	60.1	57.4
Don't Know	655	280	1719	1966	460	320	326	314	980	866	1721	1475	4459	15541
	18.7	13.9	12.4	24.4	12.1	8.8	13.5	10.6	12.3	17.1	17.0	10.3	7.9	11.6
Column Totals	3494	2016	13911	8050	3795	3624	2412	2957	7938	5054	10094	14328	56576	134249
	2.6	1.5	10.4	6.0	2.8	2.7	1.8	2.2	5.9	3.8	7.3	10.7	42.1	100.0

hunting laws, and outdoor survival (all mentioned by about 44 to 46%) were the most demanded types of information for the state as a whole (Table 6).

Interestingly, while only 15% expressed a desire for non-game species identification information, 74% remarked that the observation of non-game wildlife was either important or very important to the enjoyment of their trip (Table 7).

When the hunters were asked how they would prefer to have the educational material distributed, 40% favored published literature, and 31% responded with television programs (Table 8).

Finally, when asked if they would take advantage of such an information program should it be made available, 79% responded strongly that they would, and 12% stated they didn't know for sure one way or another (Table 9).

Also, for the state as a whole, 22% were interested in participating in a voluntary trapper education program. Such a program was most popular in Regions 5, 6W and 7E with 34%, 36%, and 33% interested respectively. (See Table 10).

Are More Target Ranges Needed?

When hunters were questioned whether they wanted more target ranges, 65% said "yes" to skeet and trap, 71% favored more archery ranges, 54% desired more rifle ranges, and 71% wanted more handgun ranges. (See Table 11).

Those hunters who desired more target ranges were also asked how far they would be willing to travel in order to use the new target facilities. For all types of the above ranges, 89 to 92% indicated they would prefer to travel 29 miles or less. (See Tables 12, 13, 14, and 15).

Are More Hunting Dog Training Areas Needed?

Respondents were asked if they needed more areas to train hunting dogs. Sixty-three percent (63%) answered affirmatively for the state as a whole. (See Table 16). Of those, 84% said they would be willing to travel 29 miles

TABLE 10

INTENTIONS OF PARTICIPATING IN VOLUNTARY TRAPPER EDUCATION PROGRAM

#	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTALS
COLUMN %														
Yes	13	12	19	10	20	7	19	18	14	12	9	13	26	192
	22.4	21.1	24.4	14.9	33.9	15.2	35.8	32.1	22.6	22.6	12.2	22.8	16.0	21.7
No	32	29	38	29	26	27	26	22	36	27	39	28	99	458
	55.2	50.9	48.7	43.3	44.1	58.7	49.1	39.3	58.1	50.9	52.7	49.1	60.7	51.9
Don't Know	13	16	21	28	13	12	8	16	12	14	26	16	38	233
	22.4	28.1	26.9	41.8	22.0	26.1	15.1	28.6	19.4	26.4	35.1	28.1	23.3	26.4
Column Totals	58	57	78	67	59	46	53	56	62	53	74	57	163	883
	6.6	6.5	8.8	7.6	6.7	5.2	6.0	6.3	7.0	6.0	8.4	6.5	18.5	100.0

COLUMN %

TABLE 11

DESIRED TARGET RANGES
6E 6W 7E 7W 8 9 10

STATE
TOTALS

SKEET & TRAP

	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	TOTALS
Yes	710 25.0	532 35.2	3282 31.3	1778 26.0	1093 33.9	906 32.7	782 36.4	1075 42.1	2156 31.9	939 23.2	2638 31.5	4214 32.8	17837 41.3	37942 35.1
No	2129 75.0	980 64.8	7190 68.7	5054 74.0	2128 66.1	1865 67.3	1369 63.6	1478 57.9	4606 68.1	3105 76.8	5735 68.5	8639 67.2	25362 58.7	69841 64.7
Column Totals	2839 2.6	1512 1.4	10472 9.7	6833 6.4	3220 3.0	2772 2.6	2152 2.0	2554 2.4	6762 6.3	4043 3.8	8373 7.8	12853 11.9	43198 40.2	107586 100.0

COLUMN %

RIFLE

	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	TOTALS
Yes	1420 45.6	980 53.0	7502 57.1	2714 37.7	2300 63.5	1173 36.6	848 41.9	986 34.9	3332 47.9	1516 35.6	4359 46.9	4003 33.9	22017 47.6	53159 46.1
No	1693 54.4	868 47.0	5627 42.9	4493 62.3	1323 36.5	1865 61.4	1174 58.1	1837 65.1	3626 52.1	2744 64.4	4932 53.1	7796 66.1	24247 52.4	62223 53.9
Column Totals	3112 2.7	1848 1.6	13129 11.4	7207 6.2	3623 3.1	3038 2.6	2021 1.8	2822 2.4	6958 6.0	4260 3.7	9291 8.1	11799 10.2	46264 40.1	115373 100.0

COLUMN %

ARCHERY

	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	TOTALS
Yes	655 24.5	532 38.8	2501 25.4	1685 26.5	1093 35.8	853 30.2	685 36.2	782 32.7	1960 30.8	1083 27.8	2638 33.3	1686 16.3	12820 31.9	28951 29.2
No	2020 75.5	840 61.2	7346 74.6	4680 73.5	1955 64.2	1972 69.8	1206 63.8	1566 67.3	4410 69.2	2816 72.2	5276 66.7	8639 83.7	27313 68.1	70041 70.6
Column Total	2675 2.7	1372 1.4	9847 9.9	6365 6.4	3048 3.1	2825 2.9	1891 1.9	2330 2.4	6370 6.4	3899 3.9	7914 8.0	10324 10.4	40133 40.5	98992 100.0

COLUMN %

HANDGUNS

	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	TOTALS
Yes	928 32.7	476 34.7	5156 45.2	2246 33.8	805 25.9	906 31.5	554 29.3	627 26.4	1666 27.0	1227 26.8	2179 29.2	2318 21.6	9476 25.4	28567 29.0
No	1911 67.3	896 65.3	6252 54.8	4399 66.2	2300 74.1	1972 68.5	1337 70.7	1747 73.6	4508 73.0	3032 71.2	5276 70.8	8428 78.4	27870 79.6	69929 71.0
Column Total	2839 2.9	1372 1.4	11410 11.6	6646 6.7	3105 3.2	2878 2.9	1891 1.9	2374 2.4	6174 6.3	4260 4.3	7456 7.6	10746 10.9	37346 37.9	98496 100.0

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TABLE 12

MILES WILLING TO TRAVEL FOR SKEET AND TRAP RANGES

MILES #	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
COLUMN %														
1-9	109	140	782	562	288	480	65	448	686	289	574	421	1672	6515
	15.4	26.3	22.7	37.5	23.8	47.4	8.3	34.5	30.4	26.7	20.8	10.0	8.5	16.1
10-19	382	280	1563	655	460	320	522	672	852	505	1262	1686	9476	18664
	53.8	52.6	45.5	43.8	38.1	31.6	66.7	51.7	39.1	46.7	45.8	40.0	47.9	46.0
20-29	218	28	938	281	288	160	98	179	490	144	574	1896	6131	11425
	30.8	5.3	27.3	18.7	23.8	15.8	12.5	13.8	21.7	13.3	20.8	45.0	31.0	28.2
30-39	0	28	156	0	173	0	65	0	0	72	115	0	1394	2002
	0.0	5.3	4.5	0.0	14.3	0.0	8.3	0.0	0.0	6.7	4.2	0.0	7.0	4.9
40-49	0	0	0	0	0	53	0	0	196	0	0	0	279	528
	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	8.7	0.0	0.0	0.0	1.4	1.3
50-59	0	0	0	0	0	0	0	0	0	0	229	0	279	508
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	1.4	1.3
80-89	0	28	0	0	0	0	0	0	0	0	0	0	0	28
	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
100-124	0	0	0	0	0	0	0	0	0	0	0	0	279	279
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.7
150-200	0	0	0	0	0	0	33	0	0	0	0	0	279	311
	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	1.4	0.8
201-398	0	28	0	0	0	0	0	0	0	72	0	211	0	311
	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	5.0	0.0	0.8
Column Totals	710	532	3439	1498	1208	1013	782	1299	2254	1083	2753	4214	19788	40571
	1.7	1.3	6.5	3.7	3.0	2.5	1.9	3.2	5.6	2.7	6.8	10.4	48.8	100.0

TABLE 13

MILES WILLING TO TRAVEL FOR ARCHERY RANGES

MILES

COLUMN %

	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTALS
1-9	109	84	938	562	58	373	163	224	588	361	888	632	4181	8960
	16.7	16.7	35.3	42.9	5.3	41.2	23.8	29.4	30.0	31.2	26.1	30.0	30.6	29.8
10-19	437	364	938	468	575	267	391	403	882	433	1262	632	5574	12626
	66.7	72.2	35.3	35.7	52.6	29.4	57.1	52.9	45.0	37.5	47.8	30.0	40.8	42.0
20-29	0	28	782	187	288	213	65	134	196	289	459	632	2787	6060
	0.0	5.6	29.4	14.3	26.3	23.5	9.5	17.6	10.0	25.0	17.4	30.0	20.4	20.1
30-39	109	28	0	94	173	0	33	0	98	0	115	0	0	649
	16.7	5.6	0.0	7.1	15.8	0.0	4.8	0.0	5.0	0.0	4.3	0.0	0.0	2.2
40-49	0	0	0	0	0	53	0	0	98	0	0	0	0	151
	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.5
50-59	0	0	0	0	0	0	0	0	98	72	115	0	836	1121
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	6.2	4.3	0.0	6.1	3.7
150-200	0	0	0	0	0	0	33	0	0	0	0	211	0	243
	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	10.0	0.0	0.8
201-998	0	0	0	0	0	0	0	0	0	0	0	0	279	279
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.9
Column Totals	655	504	2657	1310	1093	906	685	762	1960	1155	2038	2107	13656	30088
	2.2	1.7	8.8	4.4	3.6	3.0	2.3	2.5	6.5	3.8	8.8	7.0	45.4	100.0

TABLE 14

MILES WILLING TO TRAVEL TO RIFLE RANGES

MILES

#	COLUMN	%	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTALS													
1-9	164	224	1719	562	518	213	98	448	882	361	574	421	3623	9806	13.6	25.8	23.9	22.2	24.3	19.0	12.0	38.5	27.3	23.8	13.5	10.5	16.5	18.8	
10-19	710	504	3126	1030	1093	533	489	627	1372	794	2523	2318	10312	25430	59.1	58.1	43.5	40.7	51.4	47.6	60.0	53.8	42.4	52.4	59.5	57.9	46.8	48.9	
20-29	273	84	1250	562	345	320	130	45	588	289	803	1054	5295	11038	22.7	9.7	17.4	22.2	16.2	28.6	16.0	3.8	18.2	19.0	18.9	26.3	24.1	21.2	
30-39	0	28	625	374	173	0	65	45	294	0	115	0	1672	3391	0.0	3.2	8.7	14.8	8.1	0.0	8.0	3.8	9.1	0.0	2.7	0.0	7.6	6.5	
40-49	0	0	156	0	0	0	53	0	98	0	0	0	279	588	0.0	0.0	2.2	0.0	0.0	4.8	0.0	0.0	3.0	0.0	0.0	0.0	0.0	1.3	1.1
50-59	55	0	313	0	0	0	0	0	72	115	0	557	1112	4.5	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	4.8	2.7	0.0	2.5	2.1		
80-89	0	28	0	0	0	0	0	0	0	0	0	0	28	0.1	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
100-124	0	0	0	0	0	0	0	0	115	211	279	604	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.3	1.3	1.2		
150-200	0	0	0	0	0	0	33	0	0	0	0	33	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Column Totals	1201	868	7190	2527	2128	1119	815	1165	3234	1516	4244	4003	22017	52028	2.3	1.7	13.8	4.9	4.1	2.2	1.6	2.2	6.2	2.9	8.2	7.7	42.3	100.0	

TABLE 15

MILES WILLING TO TRAVEL TO HANDGUN RANGES

MILES

#	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
COLUMN %														
1-9	112	782	562	115	213	269	392	217	574	211	1951			5461
	26.7	16.1	27.3	14.3	23.5	35.3	23.5	21.4	27.8	8.3	20.6			19.6
10-19	224	2188	655	345	320	314	686	650	803	1264	3344			11633
	53.3	45.2	31.8	42.9	35.3	41.2	41.2	64.3	38.9	50.0	35.3			41.8
20-29	56	938	562	230	320	45	294	144	459	841	3902			6021
	13.3	19.4	27.3	28.6	35.3	5.9	17.6	14.3	22.2	33.3	41.2			20.8
30-39	0	625	281	115	0	45	196	0	0	0	279			1682
	0.0	12.9	13.6	14.3	0.0	5.9	11.8	0.0	0.0	0.0	2.9			6.0
40-49	0	156	0	0	53	0	98	0	0	0	0			308
	0.0	3.2	0.0	0.0	5.9	0.0	5.9	0.0	0.0	0.0	0.0			1.1
50-59	0	156	0	0	0	0	0	0	0	229	0			386
	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0			1.4
80-89	0	28	0	0	0	0	0	0	0	0	0			28
	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.1
150-200	0	0	0	0	0	33	0	0	0	0	211			243
	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	8.3			0.9
201-998	0	0	0	0	0	0	90	0	0	0	0			90
	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0			0.3
Column Totals	819	420	4845	2059	805	906	489	762	1666	1011	2065	2528	9476	27851
Totals	2.9	1.5	17.4	7.4	2.9	3.3	1.8	2.7	6.0	3.6	7.4	9.1	34.0	100.0

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TABLE 16
DESIRED HUNTING DOG TRAINING AREAS

#	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
COLUMN %														
Yes	273 7.6	168 8.3	1876 13.5	468 5.9	403 10.1	373 10.8	130 5.6	314 10.9	1568 20.0	361 7.2	1376 13.6	1896 13.8	9754 17.7	18960 14.4
No	2457 68.2	1232 61.1	8440 60.7	5990 75.3	2645 66.7	2612 75.4	1793 76.4	2195 76.6	5194 66.3	3249 65.2	6882 68.2	9481 69.2	30936 56.1	83107 63.0
Don't Know	474 24.2	616 30.0	3595 25.8	1498 18.8	920 23.2	480 13.8	424 18.1	358 12.5	1078 13.8	1372 27.5	1835 18.2	2318 16.9	10492 26.3	29859 22.6
Column Totals	3604 2.7	2016 1.5	13911 10.5	7956 6.0	3968 3.0	3464 2.6	2347 1.8	2867 2.2	7840 5.9	4982 3.8	10094 7.7	13695 10.4	55183 41.8	131926 100.0

TABLE 17
MILES WILLING TO TRAVEL TO HUNTING DOG TRAINING AREAS

#	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
MILES														
1-9	0 0.0	56 28.6	469 23.1	468 71.4	115 28.6	53 14.3	98 50.0	45 14.3	98 6.7	0 0.0	574 38.5	632 33.3	836 8.1	3043 17.1
10-19	164 50.0	56 28.6	782 38.5	187 28.6	115 28.6	213 57.1	0 0.0	179 57.1	490 33.3	217 50.0	344 23.1	632 33.3	4738 45.9	8117 40.4
20-29	164 50.0	56 28.6	156 7.7	0 0.0	58 14.3	53 14.3	33 16.7	0 0.0	392 26.7	144 33.3	574 38.5	632 33.3	3066 29.7	5327 26.5
30-39	0 0.0	0 0.0	156 7.7	0 0.0	58 14.3	0 0.0	0 0.0	90 28.6	196 13.3	72 16.7	0 0.0	0 0.0	1394 13.5	1965 9.8
40-49	0 0.0	0 0.0	156 7.7	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	98 6.7	0 0.0	0 0.0	0 0.0	0 0.0	254 1.3
50-59	0 0.0	28 14.3	156 7.7	0 0.0	58 14.3	53 14.3	33 16.7	0 0.0	98 6.7	0 0.0	0 0.0	0 0.0	0 0.0	426 2.1
60-69	0 0.0	0 0.0	156 7.7	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	98 6.7	0 0.0	0 0.0	0 0.0	0 0.0	254 1.3
150-200	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	33 16.7	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	279 2.7	311 1.5
Column Totals	328 1.6	196 1.0	2032 10.1	655 3.3	403 2.0	373 1.9	196 1.0	314 1.6	1470 7.3	433 2.2	1491 7.4	1896 9.4	10312 51.3	20098 100.0

TABLE 18

MONTHS #	MONTHS WILLING TO USE DOG TRAINING AREAS											STATE TOTAL			
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11	
COLUMN %															
January	0	0	0	0	0	0	0	0	0	98	72	0	0	1672	1842
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	14.3	0.0	0.0	16.7	6.6
March	0	0	156	0	58	107	33	0	392	72	115	421	2230	3583	
	0.0	0.0	6.7	0.0	12.5	22.2	16.7	0.0	25.0	14.3	7.1	16.7	22.2	16.8	
May	55	112	1563	281	0	267	130	90	1078	72	459	843	5017	9865	
	14.3	57.1	66.7	37.5	0.0	55.6	66.7	28.6	68.8	14.3	28.6	33.3	50.0	46.7	
July	164	140	1719	281	288	373	98	134	1078	144	1262	843	5574	12098	
	42.9	71.4	73.3	37.5	62.5	77.8	50.0	42.9	68.8	28.6	78.6	33.3	55.6	56.6	
September	273	140	1250	655	173	267	196	179	1078	433	803	1475	6131	13053	
	71.4	71.4	53.3	87.5	37.5	55.6	100.0	57.1	68.8	85.7	50.0	58.3	61.1	61.1	
November	164	28	469	0	0	0	33	45	196	72	115	632	557	2311	
	42.9	14.3	20.0	0.0	0.0	0.0	16.7	14.3	12.5	14.3	7.1	25.0	5.6	10.8	
February	0	0	156	0	0	53	0	0	196	72	0	0	1115	1593	
	0.0	0.0	6.7	0.0	0.0	11.1	0.0	0.0	12.5	14.3	0.0	0.0	11.1	7.5	
April	0	84	1094	281	0	107	98	0	784	72	344	632	3344	6840	
	0.0	42.9	46.7	37.5	0.0	22.2	50.0	0.0	50.0	14.3	21.4	25.0	33.3	32.0	
June	109	140	1563	281	173	267	98	134	882	144	1262	1054	5295	11401	
	28.6	71.4	66.7	37.5	37.5	55.6	50.0	42.9	56.3	28.6	78.6	41.7	52.8	53.4	
August	164	168	1876	562	403	373	196	134	1176	289	1376	1686	6967	15369	
	42.9	85.7	80.0	75.0	87.5	77.8	100.0	42.9	75.0	57.1	85.7	66.7	69.4	71.9	
October	164	84	782	281	115	53	33	179	392	72	459	1475	3344	7432	
	42.9	42.9	33.3	37.5	25.0	11.1	16.7	57.1	25.0	14.3	28.6	58.3	33.3	34.8	
Column Totals	382	196	2344	749	460	480	196	314	1568	505	1606	2528	10033	21361	
	1.8	0.9	11.0	3.5	2.2	2.2	0.9	1.5	7.3	2.4	7.5	11.8	47.0	100.0	

TABLE 19

Dollars Expected to Pay to Hunt Big Game on Private Lands

#	COLUMN %	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTALS
0		1147	588	4376	2153	1438	1279	750	1030	2156	1372	2638	4425	18394	41745
		40.4	34.4	31.8	29.9	37.9	40.7	32.4	35.9	31.9	29.2	29.1	32.8	38.4	34.9
1		164	140	1876	562	403	53	33	358	686	144	574	1475	1672	8139
		5.6	8.2	13.6	7.8	10.6	1.7	1.4	12.5	10.1	3.1	6.3	10.9	3.5	6.8
2		273	168	1563	842	518	213	130	627	980	217	1491	1686	4738	13446
		9.6	9.8	11.4	11.7	13.6	6.8	5.6	21.9	14.5	4.6	16.5	12.5	9.9	11.2
5		655	476	2970	1310	748	533	750	582	1764	1444	2409	3793	10864	28103
		23.1	27.9	21.6	18.2	19.7	16.9	32.4	20.3	26.1	30.8	26.6	28.1	22.7	23.7
10		382	252	1876	1310	518	799	424	224	784	866	1147	1054	7246	16882
		13.5	14.8	13.6	18.2	13.6	25.4	18.3	7.8	11.6	18.5	12.7	7.8	15.1	14.1
16		0	0	0	0	0	0	0	0	0	72	0	0	0	72
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.1
20		218	84	1094	1030	173	267	228	45	392	578	603	1054	5017	10931
		7.7	4.9	8.0	14.3	4.5	8.5	9.9	1.6	5.8	12.3	8.9	7.8	10.5	9.2
COLUMN TOTAL		2839	1708	13754	7207	3795	3145	2315	2867	6762	4693	9061	13485	47936	119568
		2.4	1.4	11.5	6.0	3.2	2.6	1.9	2.4	5.7	3.9	7.6	11.3	40.1	100.0

TABLE 20

Dollars Expected to Pay to Hunt Waterfowl on Private Lands

#	COLUMN %	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTALS
0		1147	616	4845	2714	1380	1226	815	1254	2548	1949	2982	4214	18673	44364
		40.4	37.9	38.8	36.7	40.0	41.1	35.2	43.1	38.8	41.5	33.3	32.3	38.7	37.8
1		382	196	2188	468	345	267	163	582	980	344	2179	4003	3623	15521
		13.5	12.1	17.5	6.3	10.0	8.9	7.0	20.0	14.9	3.1	24.4	30.6	7.5	13.2
2		491	392	1719	1685	748	213	359	672	1176	1227	1262	2318	10033	22295
		17.3	24.1	13.7	22.8	21.7	7.1	15.5	23.1	17.9	26.2	14.1	17.7	20.8	19.0
5		546	336	2344	1778	575	406	717	314	1470	1011	1835	1896	12263	25992
		19.2	20.7	18.7	24.1	16.7	30.4	31.0	10.8	22.4	21.5	20.5	14.5	25.4	22.1
7		0	0	0	0	0	0	0	0	0	0	0	0	279	279
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2
10		109	84	938	468	345	320	228	45	294	361	459	421	2787	6859
		3.8	5.2	7.5	6.3	10.0	10.7	9.9	1.5	4.5	7.7	5.1	3.2	5.8	5.6
11		0	0	0	0	0	0	0	0	0	0	0	211	0	211
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.2
20		164	0	469	281	58	53	33	45	98	0	229	0	557	1986
		5.8	0.0	3.8	3.8	1.7	1.8	1.4	1.5	1.5	0.0	2.6	0.0	1.2	1.7
COLUMN TOTAL		2839	1624	12504	7394	3450	2485	2315	2912	6566	4693	8947	13063	48215	117507
		2.4	1.4	10.6	6.3	2.9	2.5	2.0	2.5	5.6	4.0	7.6	11.1	41.0	100.0

or less to use the area, (see Table 17) and that they would most likely use the area during the summer months of June (53%), July (57%), August (72%), and September (61%). (See Table 18).

What Hunting Fee to Pay on Private Land?

The hunters were asked how much they would expect to pay in order to hunt various types of game on privately owned lands. They were given a choice of fees ranging from \$0 to \$20.

Regarding big game hunting on privately owned lands, 35% of the hunters expected to pay no fee while 24% expected a \$5 charge. (See Table 19).

Concerning small game hunting on private land, most (46%) expected no fee while 16% anticipated a \$1 charge and 21% a \$2 fee. (See Table 22).

With respect to hunting waterfowl on privately owned land, 92% expected a fee of somewhere between \$0 and \$5. (See Table 20). A similar proportion (94%) expected the same range of fees for upland bird hunting. (See Table 21).

Hunting on Leased and Owned Property

Hunters who either leased or owned property were asked what kind of game they hunted on that land. Of the 16,500 who hunted on their own land, 52% hunted small game, while 46% reported having hunted waterfowl. Roughly one-third said they hunted big game and upland birds on their leased land. (See Table 23).

More hunting took place on personally owned land than on leased land. Of the 44,000 who hunted on their personally owned land, 70% hunted small game, 54% big game, 51% upland birds, and 32% waterfowl. (See Table 24).

TABLE 21

DOLLARS EXPECTED TO PAY TO HUNT UPLANDS BIRDS ON PRIVATE LANDS

#	1	2	3	4	5	6E	6H	7E	7W	8	9	10	11	STATE TOTALS
COLUMN %														
DOLLARS	1201	568	5158	2902	1323	1332	880	1210	2846	1877	2753	4846	19230	45946
	42.3	15.6	41.8	41.9	37.1	45.5	39.7	40.9	39.7	38.0	30.4	37.1	40.1	39.3
	15.4	15.3	19.0	9.5	11.3	4.1	7.4	21.2	11.8	9.0	27.8	21.0	9.3	13.7
	437	252	2344	655	403	267	163	627	784	433	253	2739	4459	16087
	491	504	1719	1591	1150	480	489	672	1960	1083	1491	3161	10033	24824
	17.3	30.5	13.9	23.0	32.3	16.4	22.1	22.7	29.4	22.4	16.5	24.2	20.9	21.2
	437	224	2344	1217	518	640	489	358	1073	1011	2065	1896	11148	23424
	15.4	13.6	19.0	17.6	14.5	21.8	22.1	12.1	16.2	20.9	22.8	14.5	23.3	20.0
	0	0	0	0	0	0	0	0	0	0	0	0	0	115
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	164	64	469	281	115	160	196	45	196	433	115	421	2767	5465
	5.8	5.1	3.8	4.1	3.2	5.5	6.8	1.5	2.9	9.0	1.3	3.2	5.8	0.7
	109	0	313	281	58	53	0	45	0	0	0	0	279	1137
	3.4	0.0	2.5	4.1	1.6	1.8	0.0	1.5	0.0	0.0	0.0	0.0	0.6	1.0
COLUMN TOTAL	2839	1652	12340	6826	3565	2931	2217	2957	6604	4637	9061	13063	47936	116908
TOTAL	2.4	1.4	10.6	5.9	3.0	2.5	1.9	2.5	5.7	4.1	7.7	11.2	41.0	100.0

TABLE 22

DOLLARS EXPECTED TO PAY TO HUNT SMALL GAME ON PRIVATE LANDS

#	1	2	3	4	5	6E	6N	7E	7W	8	9	10	11	STATE TOTALS
COLUMN %														
DOLLARS	1420	756	5627	2902	1668	1652	978	1189	3234	2236	3785	6742	23575	54965
	50.0	43.8	43.9	41.3	46.0	53.4	44.1	47.7	47.8	46.3	39.8	50.8	46.6	46.2
	273	252	2501	1123	633	373	261	672	980	1011	2409	2318	6131	18936
	9.6	15.3	19.5	16.0	17.5	12.1	11.6	23.1	14.5	20.9	25.3	17.5	12.6	15.9
	601	364	1719	1685	805	480	359	562	1764	939	1606	2318	11148	24368
	21.2	22.0	13.4	24.0	22.2	15.5	16.2	20.0	26.1	19.4	16.9	17.5	23.0	20.5
	0	0	0	0	0	0	0	0	0	0	0	0	0	33
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	328	280	2032	642	403	426	489	224	686	578	1376	1075	7266	16305
	11.5	16.9	15.9	12.0	11.1	13.8	22.1	7.7	10.1	11.9	14.5	11.1	14.9	13.8
	109	0	625	261	58	107	98	0	98	72	344	211	1394	3396
	3.8	0.0	4.9	4.0	1.6	3.4	4.4	0.0	1.4	1.5	3.8	1.6	2.9	2.0
	0	0	0	0	0	0	0	0	0	0	0	0	0	211
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	109	0	313	167	58	53	0	45	0	0	0	0	0	765
	3.8	0.0	2.4	2.7	1.6	1.7	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.6
COLUMN TOTAL	2839	1652	12817	7020	3623	3091	2217	2612	6762	4837	9530	13274	48494	118058
TOTAL	2.4	1.4	10.8	5.9	3.0	2.6	1.9	2.4	5.7	4.1	8.0	11.1	40.7	100.0

TABLE 23
GAME HUNTED ON PERSONALLY LEASED LAND

# COLUMN															STATE
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	TOTAL	
Big Game	109	140	1250	562	115	320	130	179	588	72	459	211	1672	5807	
	28.6	100.0	66.7	40.0	25.0	46.2	23.5	57.1	42.9	11.1	33.3	14.3	28.8	35.1	
Upland Birds	55	56	934	562	58	107	33	45	686	144	229	421	2508	5841	
	14.3	40.0	50.0	40.0	12.5	15.4	5.9	14.3	50.0	22.2	16.7	28.6	42.9	35.3	
Waterfowl	164	56	156	1030	288	373	489	179	1078	289	574	211	2747	7672	
	42.9	40.0	8.3	73.3	62.5	53.8	86.2	57.1	78.6	44.4	41.7	14.3	47.6	46.0	
Small Game	164	28	1563	749	173	213	130	90	686	505	688	1054	2508	8551	
	42.9	20.0	83.3	53.3	37.5	30.8	23.5	28.6	50.0	77.8	50.0	71.4	42.9	51.7	
Column Totals	382	140	1876	1404	460	693	554	314	1372	650	1376	1475	5853	16548	
	2.3	0.8	11.3	8.5	2.8	4.2	3.3	1.9	8.3	3.9	8.3	6.9	35.4	100.0	

TABLE 24
GAME HUNTED ON PERSONALLY OWNED LAND

# COLUMN															STATE
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	TOTAL	
Big Game	1256	784	3126	2621	1380	840	619	1165	1470	505	1262	2318	6410	23555	
	69.7	71.8	57.1	70.0	72.7	50.0	48.7	70.3	50.0	26.9	37.9	50.0	51.1	54.1	
Upland Birds	983	560	2813	2059	1093	586	685	1165	1274	794	1491	2167	6410	22020	
	54.5	51.3	51.4	53.0	57.6	45.8	53.8	70.3	43.3	42.3	44.8	43.5	51.1	50.6	
Waterfowl	874	308	625	2246	690	853	522	672	1274	722	574	1054	3523	14036	
	48.5	28.2	11.4	60.0	36.4	66.7	41.0	40.5	43.3	38.5	17.2	22.7	28.9	32.2	
Small Game	1256	812	2970	2434	1438	799	978	1344	2058	1588	2409	3582	8640	30307	
	69.7	74.4	54.3	65.0	75.8	62.5	76.9	81.1	70.0	64.6	72.4	77.3	68.9	69.8	
COLUMN TOTAL	1802	1092	5471	3744	1898	1279	1271	1658	2940	1877	3326	4635	12541	43534	
	4.1	2.5	12.6	8.6	4.4	2.9	2.9	3.8	6.8	4.3	7.6	10.6	28.8	100.0	

TABLE 25

ACHIEVEMENT OF SAFETY CERTIFICATES

#	COLUMN	1	2	3	4	5	6E	6W	7E	7W	8	9	10	T	STATE TOTAL
Yes		1583 42.6	952 43.6	5783 38.9	3557 43.7	1783 42.5	1759 47.1	1108 44.2	1882 58.8	4410 53.6	2744 49.4	4473 43.3	5900 40.6	2544 44.1	61574 44.0
No		2020 54.4	1148 52.6	8753 58.9	3838 47.1	2070 49.3	1759 47.1	1369 54.5	1344 40.5	3822 46.4	2383 42.9	5276 51.1	8639 59.4	3172 53.3	74192 53.1
Don't Know		109 2.9	84 3.8	313 2.1	749 9.2	345 8.2	213 5.7	33 1.3	90 2.7	0 0.0	433 7.8	574 5.6	0 0.0	115 1.9	4057 2.9
Column Totals		3713 2.7	2184 1.6	14449 10.6	8143 5.8	4198 3.0	3731 2.7	2510 1.8	3315 2.4	8232 5.9	5559 4.0	10323 7.4	14538 10.4	5827 4.9	139822 100.0

TABLE 26

NUMBER OF CONSERVATION AND SPORTSMEN CLUBS BELONGED TO

#	COLUMN	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
One		953 85.7	196 46.7	2970 73.1	2059 78.6	1035 94.7	1066 69.0	815 78.1	627 70.0	1764 81.8	1011 60.9	2638 88.5	2318 57.9	8918 74.4	26400 74.1
Two		55 4.8	84 20.0	938 23.1	187 7.1	58 5.3	373 24.1	163 15.6	179 20.0	294 13.6	578 34.8	348 11.5	843 21.1	2230 18.6	6325 17.8
Three		109 9.5	56 13.3	156 3.8	94 3.6	0 0.0	107 6.9	65 6.2	90 10.0	98 4.5	72 4.3	0 0.0	843 21.1	557 4.7	2247 6.3
Four		0 0.0	56 13.3	0 0.0	94 3.6	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	279 2.3	429 1.2
Five		0 0.0	0 0.0	0 0.0	94 3.6	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	94 0.3
Six or More		0 0.0	28 6.7	0 0.0	94 3.6	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	122 0.3
Column Totals		1147 3.2	420 1.2	4064 11.4	2621 7.4	1093 3.1	1546 4.3	1043 2.9	896 2.5	2156 6.1	1661 4.7	2982 8.4	4003 11.2	18784 33.6	35615 100.0

TABLE 27

FAVORITE SPECIES TO HUNT

# SPECIES	# COLUMN %											STATE TOTAL			
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11	
Bear	0	28	0	0	0	0	0	0	0	0	0	0	0	0	28
	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Deer	1966	1204	6877	3463	1955	1492	1239	1926	3528	1733	3670	4635	16952	52641	
	52.9	57.3	47.8	43.0	49.3	42.4	48.1	58.9	43.9	32.4	36.0	30.6	33.3	38.8	
Ducks	491	224	2188	1872	690	693	196	493	1372	939	1032	1475	10591	22255	
	13.2	10.7	15.2	23.3	17.4	19.7	7.6	15.1	17.1	17.6	10.1	9.7	18.6	16.2	
Fox	0	0	0	0	0	0	33	0	98	0	688	211	279	1308	
	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.2	0.0	6.7	1.4	0.5	1.0	
Geese	164	84	156	187	115	160	424	45	98	144	229	0	1672	3479	
	4.4	4.0	1.1	2.3	2.9	4.5	16.5	1.4	1.2	2.7	2.2	0.0	2.9	2.5	
Ruffed/Spruce Grouse	328	168	1407	187	288	53	0	134	192	0	0	632	3066	6658	
	8.8	8.0	9.8	2.3	7.2	1.5	0.0	4.1	4.9	0.0	0.0	4.2	5.4	4.9	
Unspecified Grouse	164	140	1250	281	288	53	65	134	196	0	0	1054	4459	8084	
	4.4	6.7	8.7	3.5	7.2	1.5	2.5	4.1	2.4	0.0	0.0	6.9	7.8	5.9	
Partridge	164	56	938	0	0	0	33	0	0	72	0	0	557	1820	
	4.4	2.7	6.5	0.0	0.0	0.0	1.3	0.0	0.0	1.4	0.0	0.0	1.0	1.3	
Moose	0	0	313	0	0	0	0	0	0	0	0	421	0	734	
	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.5	
Pheasants	164	56	313	1123	345	480	326	179	1764	1661	3097	4003	11705	25216	
	4.4	2.7	2.2	14.0	8.7	13.6	12.7	5.5	22.0	31.1	30.3	26.4	20.6	18.4	
Raccoon	55	0	0	0	0	53	33	0	0	0	115	211	0	466	
	1.5	0.0	0.0	0.0	0.0	1.5	1.3	0.0	0.0	0.0	1.1	1.4	0.0	0.3	
Rabbit	0	0	469	0	115	53	65	0	0	72	0	421	557	1753	
	0.0	0.0	3.3	0.0	2.9	1.5	2.5	0.0	0.0	1.4	0.0	2.8	1.0	1.3	
Squirrel	0	0	0	187	0	160	33	134	196	144	570	632	1115	3175	
	0.0	0.0	0.0	2.3	0.0	4.3	1.3	4.1	2.4	2.7	5.6	4.2	2.0	2.3	
Woodcock	0	0	0	0	0	0	0	45	0	0	0	0	557	602	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.0	0.4	
Waterfowl	109	56	313	655	58	320	98	90	196	433	229	211	1672	4439	
	2.9	2.7	2.2	8.1	1.4	9.1	3.8	2.7	2.4	6.1	2.2	1.4	2.9	3.2	
Upland Game	55	56	0	94	58	0	0	45	0	72	0	421	279	1079	
	1.5	2.7	0.0	1.2	1.4	0.0	0.0	1.4	0.0	1.4	0.0	2.8	0.5	0.8	
Big Game	0	28	156	0	58	0	0	0	98	0	229	211	0	780	
	0.0	1.3	1.1	0.0	1.4	0.0	0.0	0.0	1.2	0.0	2.2	1.4	0.0	0.6	
Small Game	55	0	0	0	0	0	33	45	98	72	364	632	1394	2672	
	1.5	0.0	0.0	0.0	0.0	0.0	1.3	1.4	1.2	1.4	3.4	4.2	2.9	1.9	
Column Totals	3713	2100	14380	8050	3968	3518	2575	3270	6036	5343	10208	15170	56855	137165	
	2.7	1.5	10.5	5.9	2.9	2.6	1.9	2.4	5.9	3.9	7.4	11.1	41.4	100.0	

Membership in Sportsmen or Conservation Clubs

For the state as a whole, 74% of the hunters belonged to two clubs. (See Table 26). Also, 44% of the hunters surveyed had earned a firearms safety certificate. (See Table 25).

What are the Favorite Species to Hunt?

As depicted in Table 27, for the state as a whole, deer were mentioned by 38% as the favorite species to hunt, followed by pheasants (18%) and ducks (10%).

When the hunters were asked how important it is to them to take the limit on their favorite species, the distribution of responses was bimodal. Twenty-eight percent (28%) stated that it was very important to take the limit, while on the other hand, 41% said it was not very important at all. (See Table 28).

Satisfaction With Amount of Hunting

When the hunters were asked if they hunted as much as they liked, 85% responded with a "no" for the state as a whole. (See Table 29). Of those who responded that they didn't hunt enough, 71% mentioned lack of free time as the major limiting factor. However, crowded public lands (30%) and lack of access to private lands (31%) were also mentioned as significant limiting factors. (See Table 30).

Evaluation of the DNR's Efforts

When asked what type of role the Department of Natural Resources is doing in providing hunting opportunities, the responses appear to be rather normally distributed with only a slight positive feedback--33% favorable as opposed to 24% unfavorable. (See Table 31).

TABLE 28

# COLUMN	IMPORTANCE OF TAKING LIMIT ON FAVORITE SPECIES											STATE TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
Very Important	I 1201	I 700	I 4064	I 2340	I 1380	I 1119	I 913	I 1165	I 2646	I 1949	I 2523	I 3582	I 15607	I 39190
	I 31.0	I 33.8	I 29.3	I 29.7	I 33.3	I 31.8	I 36.4	I 37.1	I 33.3	I 35.1	I 24.2	I 23.6	I 27.1	I 28.3
Important	I 218	I 112	I 1094	I 749	I 230	I 160	I 196	I 224	I 490	I 361	I 574	I 843	I 5295	I 10545
	I 5.6	I 5.4	I 7.6	I 9.2	I 5.6	I 4.5	I 7.8	I 7.1	I 6.2	I 6.5	I 5.5	I 5.6	I 9.2	I 7.6
Indifferent	I 655	I 84	I 1407	I 749	I 345	I 213	I 424	I 224	I 882	I 505	I 1606	I 1475	I 8640	I 17208
	I 16.9	I 4.1	I 9.8	I 9.2	I 8.3	I 6.1	I 16.9	I 7.1	I 11.1	I 9.1	I 15.4	I 9.7	I 15.0	I 12.4
Not too Important	I 109	I 168	I 1250	I 281	I 173	I 320	I 65	I 224	I 490	I 433	I 459	I 1475	I 5017	I 10463
	I 2.8	I 8.1	I 8.7	I 3.4	I 4.2	I 9.1	I 2.6	I 7.1	I 6.2	I 7.8	I 4.4	I 9.7	I 8.7	I 7.6
Not Very Important	I 1638	I 952	I 6408	I 3744	I 1898	I 1652	I 913	I 1210	I 3234	I 2094	I 4703	I 6953	I 21460	I 56858
	I 42.3	I 45.9	I 44.6	I 46.0	I 45.8	I 47.0	I 36.4	I 38.6	I 40.7	I 37.7	I 45.1	I 45.8	I 37.2	I 41.0
Don't Know	I 55	I 56	I 156	I 281	I 115	I 53	I 0	I 90	I 196	I 217	I 574	I 843	I 1672	I 4307
	I 1.4	I 2.7	I 1.1	I 3.4	I 2.8	I 1.5	I 0.0	I 2.9	I 2.5	I 3.9	I 5.5	I 5.6	I 2.9	I 3.1
Column Totals	3877	2072	14380	8143	4140	3518	2510	3136	7938	5559	10438	15170	57691	138572
	2.8	1.5	10.4	5.9	3.0	2.5	1.8	2.3	5.7	4.0	7.5	10.9	41.6	100.0

TABLE 29

SATISFACTION WITH AMOUNT OF HUNTING

# COLUMN %	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
Yes	710 10.7	392 17.5	2344 15.3	1217 14.6	863 20.3	426 11.4	391 15.0	762 23.3	1078 13.4	578 10.5	1721 16.5	2528 16.4	5017 8.6	18026 12.6
No	2745 77.3	1620 81.3	12973 84.7	6926 83.1	3335 78.4	3198 85.7	2152 82.5	2419 74.0	6958 86.6	4910 89.5	8258 79.1	12010 78.1	52674 90.0	120418 85.3
Don't Know	109 3.0	28 1.3	0 0.0	187 2.2	58 1.4	107 2.9	65 2.5	90 2.7	0 0.0	0 0.0	459 4.4	843 5.5	836 1.4	2781 2.0
Column Totals	3604 2.6	2240 1.6	15317 10.8	8330 5.9	4255 3.0	3731 2.6	2608 1.8	3270 2.3	8036 5.7	5487 3.9	10438 7.4	15381 10.9	58527 41.4	141225 100.0

TABLE 30

HOW TO INCREASE HUNTING OPPORTUNITIES

# COLUMN %	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTAL
Less Crowded Public Lands	382 11.9	364 17.8	2657 18.1	1778 22.1	633 15.9	799 23.4	717 28.9	582 18.3	1764 22.0	1227 23.0	2982 29.5	3371 23.2	23689 41.7	40948 30.1
More Access to Private Lands	601 18.6	252 12.3	1563 10.6	1498 18.6	518 13.0	1226 35.9	522 21.1	762 23.9	2156 26.8	1805 33.8	3785 37.5	4846 33.3	23132 40.7	42664 31.8
Less Binding Family Relations	218 6.8	196 9.6	1719 11.7	562 7.0	288 7.2	320 9.4	98 3.9	403 12.7	784 9.8	289 5.4	1262 12.5	1954 7.2	5853 10.3	13044 9.6
Longer Seasons	655 20.3	308 15.1	2970 20.2	1966 24.4	690 17.4	533 15.6	782 31.6	762 23.9	1470 18.3	1372 25.7	2294 18.8	2739 18.8	11148 19.6	27688 20.4
More Free Time	2348 72.9	1512 74.0	11410 77.7	5616 69.8	3393 85.5	2239 65.6	1663 67.1	2374 74.6	5978 74.4	4260 79.7	7111 70.5	10114 69.6	37903 66.7	95920 70.6
Less Crowded Private Lands	164 5.1	56 2.7	313 2.1	281 3.5	173 4.3	373 10.9	65 2.6	269 8.5	392 4.9	217 4.1	1032 10.2	1686 11.6	7525 13.2	12548 9.2
Closer Public Lands	218 6.8	140 6.8	1094 7.4	374 4.7	345 8.7	586 17.2	65 2.6	179 5.6	1274 15.9	650 12.2	1606 15.9	421 2.9	13099 23.0	20052 14.8
Higher Bag Limit	218 6.8	56 2.7	938 6.4	281 3.5	230 5.8	267 7.8	130 5.3	269 8.5	294 3.7	289 5.4	459 4.5	421 2.9	2230 3.9	6081 4.5
Less Cost	764 23.7	532 26.0	4533 30.9	2340 29.1	1438 36.2	746 21.9	619 25.0	806 25.4	1960 24.4	1300 24.3	2753 27.3	2107 14.5	11427 20.1	31325 23.0
Column Totals	3221 2.4	2044 1.5	14692 10.8	8950 5.9	3968 2.9	3411 2.5	2478 1.8	3181 2.3	8036 5.9	5343 3.9	10094 7.4	14538 10.7	56855 41.8	135910 100.0

TABLE 31

HUNTER'S EVALUATION OF THE DNR'S MANAGEMENT EFFORTS

# COLUMN	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	STATE TOTALS
EXCELLENT	491	84	782	1030	518	426	424	224	784	794	1032	1686	6410	14684
	13.4	4.2	5.2	12.8	13.4	12.5	17.3	7.1	10.1	14.3	9.9	11.6	11.2	10.7
	983	448	1563	1872	863	853	652	717	1764	1033	1950	4425	13378	30549
	26.9	22.5	10.4	23.3	22.4	25.0	26.7	22.9	22.8	19.5	18.7	30.4	23.4	22.3
	1037	392	3282	2059	1093	959	619	941	2058	1805	2982	3793	21460	42481
	28.4	19.7	21.9	25.6	28.4	28.1	25.3	30.0	26.6	32.5	28.6	26.1	37.6	31.0
POOR	273	140	2657	562	345	586	228	314	392	650	1491	1264	3623	12525
	7.5	7.0	17.7	7.0	9.0	17.2	9.3	10.0	5.1	11.7	14.3	8.7	6.3	9.1
DON'T KNOW	491	532	4533	1217	403	267	391	448	1666	505	1262	1054	7525	20293
	13.4	26.8	30.2	15.1	10.4	7.8	16.0	14.3	21.5	9.1	12.1	7.2	13.2	14.8
COLUMN TOTALS	382	392	2188	1310	633	320	130	493	1078	722	1721	2318	4738	16428
	10.4	19.7	14.6	16.3	16.4	9.4	5.3	15.7	13.9	13.0	16.5	15.9	8.3	12.0
	3658	1988	15005	8050	3853	3411	2445	3136	7742	5559	10438	14538	57133	136956
	2.7	1.5	11.0	5.9	2.8	2.5	1.8	2.3	5.7	4.1	7.6	10.6	41.7	100.0

In an open ended question, hunters were asked how the state's provision of hunting opportunities could be improved. The suggestions are summarized in a table presented in Appendix C.

The most frequently mentioned suggestions for improvement were:

- improve current habitat management (19%).
- more hunting areas needed (14%).
- open limits for bucks and does (7%).
- open private land to hunting (6%).

General Comments by Hunters

Finally, hunters were given a chance on the questionnaire to write any comments they might have. These general comments are presented in Appendix D.

Again, the desire to have open limits on both bucks and doe was mentioned (6%). About 11% expressed a desire for poaching and other law violations to be stopped. Five percent remarked that costs are too high now and still another 5% reiterated the desire for more hunting areas.

APPENDIX A

HUNTING MAIL QUESTIONNAIRE

Postage
Will Be Paid
By
Addressee



No
Postage Stamp
Necessary
If Mailed In The
United States



BUSINESS REPLY CARD
FIRST CLASS PERMIT No. 171, ST. PAUL, MINNESOTA

RECREATION RESEARCH
BOX 11
DEPARTMENT OF NATURAL RESOURCES
CENTENNIAL BUILDING
ST. PAUL, MINNESOTA 55155



Minnesota Department of Natural Resources
P.O. Box 100
St. Paul, MN 55101

Dear Minnesota Hunter:

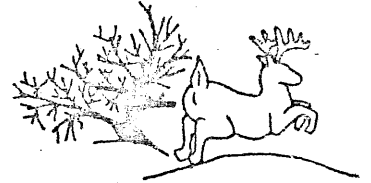
The Minnesota Department of Natural Resources and your legislature are sponsoring a large-scale outdoor recreation study. In fact, you may recall that a member of your household was recently interviewed by phone. In that interview you were identified as one of Minnesota's hunters. Since one of the purposes of this study is to help your wildlife managers to understand the wants and needs of Minnesota hunters, we are asking you to tell us about your hunting.

In completing this questionnaire it is important that:

1. You answer the questions to your best ability without the help or advice of other household members.
2. You answer all of the questions.
3. You complete and return the questionnaire within one week.

When you have completed the questionnaire just drop it in the mail. It is self-addressed and the postage is paid. Your answers will be held in strict confidence.

Thank you in advance.



1. Check all of the 1977 Minnesota licenses you purchased for your own use.

- | | | |
|---|---|---|
| <input type="checkbox"/> Deer Firearms | <input type="checkbox"/> Bear | <input type="checkbox"/> Fishing - Individual |
| <input type="checkbox"/> Deer Bow and Arrow | <input type="checkbox"/> Trapping - General | <input type="checkbox"/> Wild Ricing |
| <input type="checkbox"/> Small Game | <input type="checkbox"/> Trapping - Beaver | <input type="checkbox"/> Spearing |
| <input type="checkbox"/> Federal Duck Stamp | <input type="checkbox"/> Fishing - Husband and Wife | <input type="checkbox"/> Fish House |
| <input type="checkbox"/> Minnesota Duck Stamp | | |

2. Check the game species you hunted in Minnesota in 1977.

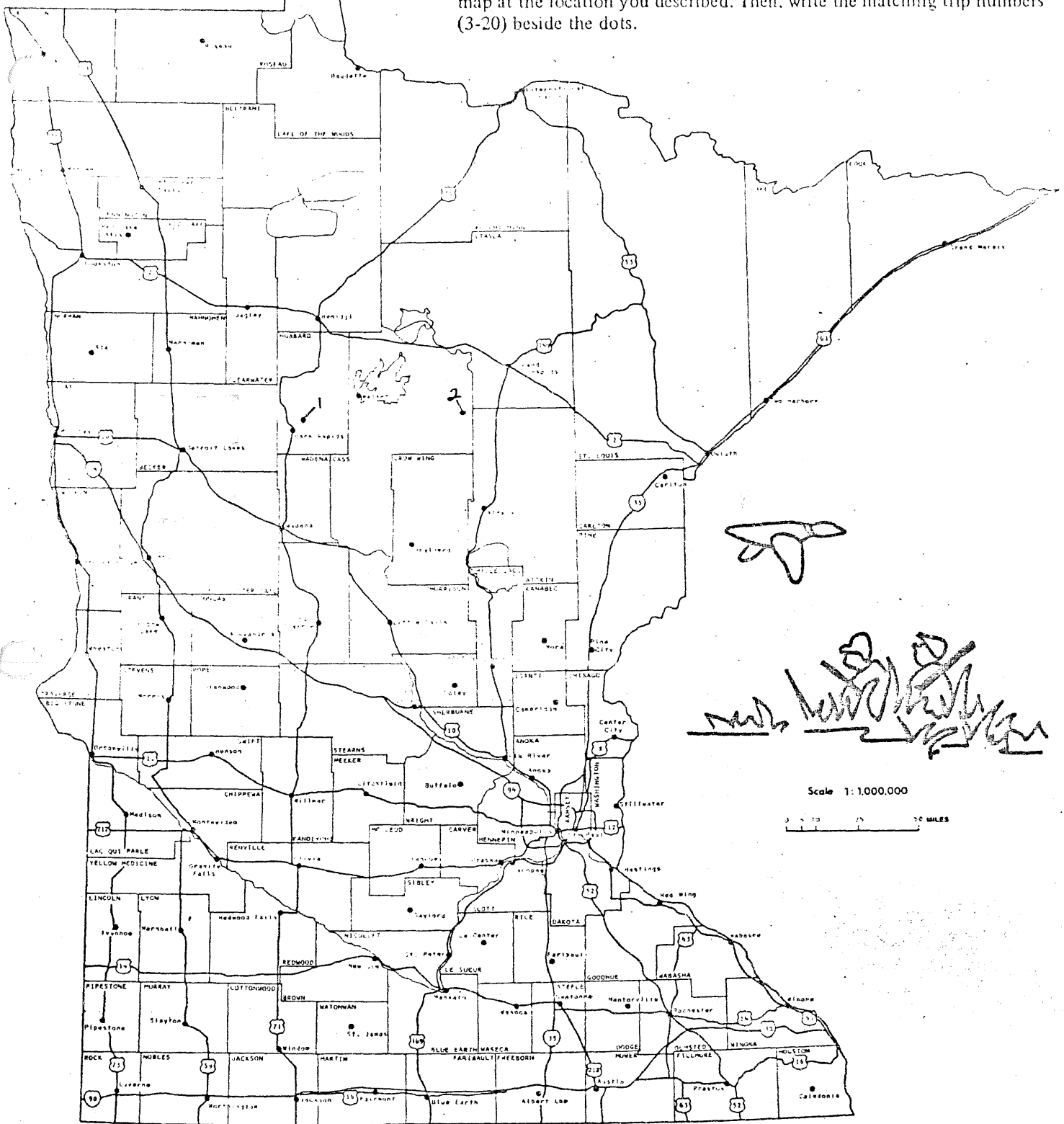
- | | | | |
|--|-----------------------------------|----------------------------------|--|
| <input type="checkbox"/> Moose | <input type="checkbox"/> Bear | <input type="checkbox"/> Fox | <input type="checkbox"/> Pheasants |
| <input type="checkbox"/> Deer (muzzleloader) | <input type="checkbox"/> Ducks | <input type="checkbox"/> Raccoon | <input type="checkbox"/> Ruffed or Spruce Grouse |
| <input type="checkbox"/> Deer (other firearms) | <input type="checkbox"/> Geese | <input type="checkbox"/> Bobcat | <input type="checkbox"/> Sharp-tail Grouse |
| <input type="checkbox"/> Deer (bow and arrow) | <input type="checkbox"/> Woodcock | <input type="checkbox"/> Lynx | <input type="checkbox"/> Hungarian Partridge |
| <input type="checkbox"/> Other _____ | | | |

PLEASE SPECIFY

3a. Please tell us about your hunting trips in Minnesota during 1977. The first example on line one is a hunt for ruffed grouse and deer using a firearm. It was in Hubbard County and two days were spent away from home. One day was a weekday and one was a weekend day. The hunter killed one deer and two grouse on the hunt. The example on line two was a duck hunt 12 miles west of Hill City. The hunt lasted only one day, a weekend day, and no ducks were taken by the hunter. As best you can recall, please complete one line for each hunt you took in Minnesota in 1977. If you hunted in a group, record only your hunting.

	Species Hunted	Location	Days Away From Home		Number of Each Species You Bagged
			Weekdays	Weekend days	
1.	<u>Ruffed Grouse/Deer</u>	<u>Hubbard Co.</u>	<u>1</u>	<u>1</u>	<u>Deer - 1 / Grouse - 2</u>
2.	<u>Ducks</u>	<u>12 mi. W of Hill City</u>		<u>1</u>	<u>Ducks - 0</u>
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					

3b. Please show us the approximate location of each hunting trip you listed in question 3a. For each line completed in 3a, place a dot on the Minnesota map at the location you described. Then, write the matching trip numbers (3-20) beside the dots.



4. What types of information would you most like to have presented on a free, voluntary hunter education program? (Please check all that apply.)

- | | | |
|---|--|--|
| <input type="checkbox"/> Outdoor Survival | <input type="checkbox"/> Plant Identification | <input type="checkbox"/> Firearms Care |
| <input type="checkbox"/> Hunting Ethics | <input type="checkbox"/> Outdoor Equipment | <input type="checkbox"/> Wildlife Management |
| <input type="checkbox"/> Hunting Safety | <input type="checkbox"/> Game Cooking | <input type="checkbox"/> Where to Hunt |
| <input type="checkbox"/> Game Habits | <input type="checkbox"/> Wildlife Habitat Requirements | <input type="checkbox"/> Trapping Techniques |
| <input type="checkbox"/> Hunting Techniques | <input type="checkbox"/> Game Species Identification | <input type="checkbox"/> Wildfood Gathering |
| <input type="checkbox"/> Hunting Laws | <input type="checkbox"/> Non-game Species Identification | <input type="checkbox"/> Other _____ |

How would you prefer to have that program _____

PLEASE SIGN

If the program you described in questions 4 and 5 were available, would you take advantage of it?

Definitely
Would Not

1

2

3

4

5

Definitely
Would Know

- 7a. Do you need more of the following target ranges?
- Skeet and Trap no yes
- Rifle no yes
- Archery no yes
- Handgun no yes

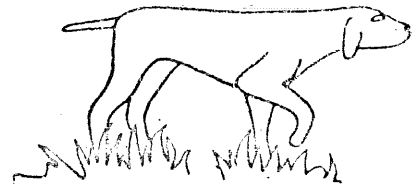
7b. If yes, how far would you be willing to drive to use one?

_____ mile(s)

_____ mile(s)

_____ mile(s)

_____ mile(s)



8a. Do you need more areas to train a hunting dog? yes no don't know

If yes, please answer questions 8b. and 8c.

8b. How many miles would you drive to use the area? _____ mile(s)

8c. Circle the month(s) that you would be most likely to use the area.

Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct. Nov. Dec.

9.	What daily fee would you expect to pay to hunt each of these types of game on private land? (Circle amount.)	Big Game	\$0	\$1.00	\$2.00	\$5.00	\$10.00	\$20.00
		Upland Birds	\$0	\$1.00	\$2.00	\$5.00	\$10.00	\$20.00
		Waterfowl	\$0	\$1.00	\$2.00	\$5.00	\$10.00	\$20.00
		Small Game	\$0	\$1.00	\$2.00	\$5.00	\$10.00	\$20.00

10. If you currently lease property on which you hunt, please check the types of game you hunt on that land. Big Game Upland Birds Waterfowl Small Game

11. If you currently own property on which you hunt, please check the types of game you hunt on that land. Big Game Upland Birds Waterfowl Small Game

12. Have you ever earned a Minnesota firearms safety certificate? yes no don't know

13. How many sportsman or conservation clubs do you belong to? (Circle the number.) 0 1 2 3 4 5 6+

14. What is your favorite species to hunt? _____

15. If there is a limit on your favorite species, how important is it to take that limit?

1 2 3 4 5 Don't Know

Very Important Not Very Important

16. Do you hunt as much as you would like to? yes no don't know

17. I would hunt more if — I had more time there were more access to private land bag limit were high
 (Check the most important reasons.) public lands were less crowded public lands were closer seasons were longer
 private lands were less crowded family relationships allowed it it cost less

18. What type of a job do you think the Department of Natural Resources is doing in providing hunting opportunities? 1 2 3 4 5 Don't Know

Excellent Poor

19. If the state's provision of hunting opportunities could be improved, what would you say would be the most important improvement?

20. When you go on a hunting trip, how important is the observation of non-game wildlife to your enjoyment of the trip? 1 2 3 4 5 Don't Know

Very Important Not Very Important

21. Would you participate in a voluntary trapper education program if it were made available to you? yes no don't know

Please write any comments you have below.

APPENDIX B

ORIGIN/DESTINATION TABLES FOR SPECIES HUNTING TRIPS

TABLE 16

ORIGIN AND DESTINATION FOR BEAR HUNTING TRIPS

COUNTY	ROW	COL	2	3	4	5	6E	7E	7W	8	10	11	TOTAL
2	I	I	84	0	0	0	0	0	0	0	0	0	84
	I	I	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5
	I	I	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	I	I	0	156	94	0	53	45	98	72	211	279	1008
	I	I	0.0	15.5	9.3	0.0	5.3	4.4	9.7	7.2	20.9	27.7	78.5
	I	I	0.0	100.0	100.0	0.0	100.0	25.0	100.0	100.0	100.0	100.0	
6W	I	I	0	0	0	58	0	0	0	0	0	0	58
	I	I	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
	I	I	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
7E	I	I	0	0	0	0	134	0	0	0	0	0	134
	I	I	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	10.5
	I	I	0.0	0.0	0.0	0.0	0.0	75.0	0.0	0.0	0.0	0.0	
COLUMN	TOTAL	84	156	94	58	53	179	98	72	211	279	1284	
	TOTAL	6.5	12.2	7.3	4.5	4.2	14.0	7.6	5.6	16.4	21.7	100.0	

TABLE 2B
 ORIGIN AND DESTINATION REGIONS FOR DEER HUNTING TRIPS
 REGION OF RESIDENCE

COUNT	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	NO-TOTAL
ROW PCT														
COL PCT														
1	2785	0	156	261	0	53	0	0	98	217	0	0	279	34.5
	72.0	0.0	4.0	7.3	0.0	1.4	0.0	0.0	2.5	5.6	0.0	0.0	7.2	3.5
	87.9	0.0	0.9	4.6	0.0	2.4	0.0	0.0	1.3	7.9	0.0	0.0	0.7	
2	328	1652	156	749	288	160	261	90	882	72	803	632	4459	10531
	3.1	15.7	1.5	7.1	2.7	1.5	2.5	0.9	8.4	0.7	7.6	6.0	42.3	10.4
	10.3	86.8	0.9	12.3	6.4	7.1	15.1	2.8	11.7	2.6	15.9	7.1	11.8	
3	55	84	15005	374	288	373	65	986	1960	289	459	843	11705	32005
	0.2	0.3	46.2	1.2	0.9	1.1	0.2	3.0	6.0	0.9	1.4	2.6	36.0	32.0
	1.7	4.4	90.6	6.2	6.4	16.7	3.8	30.6	26.0	10.5	9.1	9.5	30.9	
4	0	112	0	4212	115	213	130	90	980	0	115	0	836	6272
	0.0	1.6	0.0	61.9	1.7	3.1	1.9	1.3	14.4	0.0	1.7	0.0	12.3	6.7
	0.0	5.9	0.0	69.2	2.6	4.5	7.5	2.8	13.0	0.0	2.3	0.0	2.2	
5	0	28	313	281	3623	213	33	90	1372	361	344	211	4181	11016
	0.0	0.3	2.8	2.5	32.8	1.9	0.3	0.8	12.4	3.3	3.1	1.9	37.8	10.0
	0.0	1.5	1.9	4.6	80.8	9.5	1.9	2.8	18.2	13.2	6.8	2.4	11.0	
6E	0	0	313	0	58	1013	98	0	196	144	229	0	557	2608
	0.0	0.0	12.0	0.0	2.2	38.8	3.8	0.0	7.5	5.5	8.8	0.0	21.4	2.6
	0.0	0.0	1.9	0.0	1.3	45.2	5.7	0.0	2.6	5.3	4.5	0.0	1.5	
6W	0	28	0	0	0	0	1168	0	98	72	115	0	2787	4218
	0.0	0.7	0.0	0.0	0.0	0.0	26.3	0.0	2.3	1.7	2.7	0.0	66.2	4.1
	0.0	1.5	0.0	0.0	0.0	0.0	64.2	0.0	1.3	2.6	2.3	0.0	7.1	
7E	0	0	0	0	58	53	0	1747	294	0	229	0	4738	7119
	0.0	0.0	0.0	0.0	0.8	0.7	0.0	24.5	4.1	0.0	3.2	0.0	66.6	7.0
	0.0	0.0	0.0	0.0	1.3	2.4	0.0	54.2	3.9	0.0	4.5	0.0	12.5	
7W	0	0	0	187	0	53	0	0	1666	0	115	0	1672	3603
	0.0	0.0	0.0	5.1	0.0	1.4	0.0	0.0	45.1	0.0	3.1	0.0	45.3	3.6
	0.0	0.0	0.0	3.1	0.0	2.4	0.0	0.0	22.1	0.0	2.3	0.0	4.4	
8	0	0	469	0	58	53	33	0	0	1404	115	0	279	2560
	0.0	0.0	19.1	0.0	2.3	2.2	1.3	0.0	0.0	58.9	4.7	0.0	11.4	2.4
	0.0	0.0	2.8	0.0	1.3	2.4	1.9	0.0	0.0	52.6	2.3	0.0	0.7	
9	0	0	0	0	0	0	0	0	0	144	2204	0	836	3275
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	70.1	0.0	25.5	3.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	45.5	0.0	2.2	
10	0	0	156	0	0	0	0	0	0	0	115	7164	2230	9664
	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	74.1	23.1	9.5
	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	81.0	5.9	
11	0	0	0	0	0	53	0	224	0	0	115	0	3344	3736
	0.0	0.0	0.0	0.0	0.0	1.4	0.0	6.0	0.0	0.0	3.1	0.0	89.5	3.7
	0.0	0.0	0.0	0.0	0.0	2.4	0.0	6.9	0.0	0.0	2.3	0.0	8.8	
COLUMN TOTAL	3167	1904	16568	6084	4485	2239	1728	3226	7546	2744	5047	8849	37903	101869
	3.1	1.9	16.3	6.0	4.4	2.2	1.7	3.2	7.4	2.7	5.0	8.7	37.3	100.0

TABLE 3B
ORIGIN AND DESTINATION REGIONS FOR DUCK HUNTING TRIPS
REGION OF RESIDENCE

COUNT ROW PCT COL PCT	REGION OF RESIDENCE											ROW TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
1	1693	112	0	187	230	0	33	90	98	0	0	211	1115	3768
2	44.9	3.0	0.0	5.0	6.1	0.0	0.9	2.4	2.6	0.0	0.0	5.6	29.0	4.5
3	93.4	9.3	0.0	3.3	9.3	0.0	2.6	6.3	1.5	0.0	0.0	3.1	2.0	
4	55	890	0	562	115	107	0	90	190	0	0	0	1672	3592
5	1.5	24.3	0.0	15.2	3.1	2.9	0.0	2.4	5.3	0.0	0.0	0.0	45.3	4.4
6	3.0	74.4	0.0	10.0	4.7	3.3	0.0	6.3	3.0	0.0	0.0	0.0	4.3	
7	55	0	5314	187	58	53	0	179	98	144	115	632	4738	11573
8	0.5	0.0	45.9	1.6	0.5	0.5	0.0	1.5	0.8	1.2	1.0	5.5	40.9	13.8
9	3.0	0.0	82.9	3.3	2.3	1.7	0.0	12.5	1.5	3.8	2.6	9.4	12.1	
10	0	190	0	4493	115	0	98	45	1170	0	0	0	4738	10800
11	0.0	1.8	0.0	41.4	1.1	0.0	0.9	0.4	10.8	0.0	0.0	0.0	43.6	13.0
12	0.0	16.3	0.0	60.0	4.7	0.0	7.9	3.1	14.2	0.0	0.0	0.0	12.1	
13	0	0	782	0	1658	0	33	134	294	0	115	1680	3060	7776
14	0.0	0.0	10.1	0.0	21.4	0.0	0.4	1.7	3.8	0.0	1.5	21.7	39.4	0.3
15	0.0	0.0	12.2	0.0	67.4	0.0	2.6	9.4	4.5	0.0	2.6	25.0	7.9	
16	0	0	0	0	58	2718	33	0	392	505	0	0	1251	5657
17	0.0	0.0	0.0	0.0	1.0	48.1	0.6	0.0	6.9	8.9	0.0	0.0	34.5	6.8
18	0.0	0.0	0.0	0.0	2.3	85.0	2.6	0.0	6.1	13.2	0.0	0.0	5.0	
19	0	0	156	0	0	213	1043	0	98	289	344	0	3344	5488
20	0.0	0.0	2.6	0.0	0.0	3.9	19.0	0.0	1.8	5.3	6.3	0.0	60.9	6.5
21	0.0	0.0	2.4	0.0	0.0	6.7	84.2	0.0	1.5	7.5	7.9	0.0	8.0	
22	0	0	0	0	0	53	0	806	190	0	0	211	3902	5168
23	0.0	0.0	0.0	0.0	0.0	1.0	0.0	15.6	3.8	0.0	0.0	4.1	75.5	6.2
24	0.0	0.0	0.0	0.0	0.0	1.7	0.0	56.2	3.0	0.0	0.0	3.1	10.0	
25	0	0	0	0	0	0	0	0	3626	72	115	0	5574	9387
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.6	0.8	1.2	0.0	59.4	11.2
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.1	1.9	2.6	0.0	14.3	
28	0	0	0	0	58	53	0	0	0	2816	0	0	0	2927
29	0.0	0.0	0.0	0.0	2.0	1.8	0.0	0.0	0.0	96.2	0.0	0.0	0.0	3.5
30	0.0	0.0	0.0	0.0	2.3	1.7	0.0	0.0	0.0	73.6	0.0	0.0	0.0	
31	0	0	0	94	173	0	0	0	0	0	3212	421	279	4178
32	0.0	0.0	0.0	2.2	4.1	0.0	0.0	0.0	0.0	0.8	76.9	10.1	6.7	5.0
33	0.0	0.0	0.0	1.7	7.0	0.0	0.0	0.0	0.0	0.0	73.7	6.2	0.7	
34	0	0	156	0	0	0	0	0	294	0	0	3161	2230	5800
35	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	54.1	38.2	7.0
36	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	46.9	5.7	
37	0	0	0	94	0	0	0	90	0	0	459	421	6410	7473
38	0.0	0.0	0.0	1.3	0.0	0.0	0.0	1.2	0.0	0.0	6.1	5.6	65.8	8.0
39	0.0	0.0	0.0	1.7	0.0	0.0	0.0	6.3	0.0	0.0	10.5	6.2	16.0	
COLUMN TOTAL	1802	1204	6408	5616	2473	3198	1239	1434	6468	3827	4359	6742	39018	83787
	2.2	1.4	7.6	6.7	3.0	3.8	1.5	1.7	7.7	4.6	5.2	8.0	46.6	100.0

TABLE 4B
ORIGIN AND DESTINATION REGIONS FOR FOX HUNTING TRIPS
REGION OF RESIDENCE

REGION HUNTED IN	1	2	4	5	6E	6W	7E	7W	8	9	10	11	ROW TOTAL
COUNT	437	0	0	0	0	0	0	0	0	0	0	0	535
ROW PCT	81.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
COL PCT	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	0	28	0	0	0	0	0	0	0	0	0	0	28
2	0	0	0	0	0	0	0	0	0	0	0	0	0.5
3	0	0	0	0	0	0	0	0	0	0	0	0	144
4	0	0	0	0	0	0	0	0	0	0	0	0	2.4
5	0	0	0	0	0	0	0	0	0	0	0	0	607
6E	0	0	0	0	0	0	0	0	0	0	0	0	10.1
6W	0	0	0	0	0	0	0	0	0	0	0	0	110
7E	0	0	0	0	0	0	0	0	0	0	0	0	2.2
7W	0	0	0	0	0	0	0	0	0	0	0	0	768
8	0	0	0	0	0	0	0	0	0	0	0	0	12.7
9	0	0	0	0	0	0	0	0	0	0	0	0	469
10	0	0	0	0	0	0	0	0	0	0	0	0	7.3
11	0	0	0	0	0	0	0	0	0	0	0	0	256
TOTAL	437	56	374	284	426	359	45	980	794	688	1264	279	5000
	7.3	0.9	6.3	4.8	7.1	6.0	0.7	16.4	13.3	11.5	21.1	4.7	100.0

TABLE 5B
ORIGIN AND DESTINATION REGIONS FOR GEESE HUNTING TRIPS
REGION OF RESIDENCE

COUNT	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	ROW TOTAL
ROW PCT	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
COL PCT	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
REGION HUNTED IN	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
1	1365	84	313	187	230	0	98	90	98	0	115	211	557	3347
	40.8	2.5	9.3	5.6	6.9	0.0	2.9	2.7	2.9	0.0	3.4	6.3	16.7	11.7
	89.3	23.1	33.3	10.5	57.1	0.0	5.2	28.6	6.7	0.0	5.3	7.7	5.4	
2	109	280	0	94	0	53	0	0	98	0	0	0	279	913
	12.0	30.7	0.0	10.3	0.0	5.8	0.0	0.0	10.7	0.0	0.0	0.0	30.5	3.2
	7.1	76.9	0.0	5.3	0.0	2.0	0.0	0.0	6.7	0.0	0.0	0.0	2.7	
3	0	0	313	0	0	0	0	0	0	72	0	0	836	1221
	0.0	0.0	25.6	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	68.5	4.3
	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	6.1	
4	0	0	0	655	0	0	0	0	98	0	0	0	1394	2147
	0.0	0.0	0.0	30.5	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	64.9	7.5
	0.0	0.0	0.0	36.8	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	13.5	
5	0	0	0	0	58	0	0	0	0	144	0	0	0	202
	0.0	0.0	0.0	0.0	28.5	0.0	0.0	0.0	0.0	71.5	0.0	0.0	0.0	0.7
	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	
6E	0	0	0	0	0	267	0	0	0	72	0	0	279	617
	0.0	0.0	0.0	0.0	0.0	43.2	0.0	0.0	0.0	11.7	0.0	0.0	45.1	2.2
	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	3.4	0.0	0.0	2.7	
6W	55	0	156	842	58	2239	1760	45	686	930	1606	0	6131	14516
	0.4	0.0	1.1	5.6	0.4	15.4	12.1	0.3	4.7	6.5	11.1	0.0	42.2	50.7
	3.6	0.0	16.7	47.4	14.3	85.7	93.1	14.3	46.7	44.8	73.7	0.0	59.5	
7E	0	0	0	0	0	53	33	179	0	72	0	0	0	337
	0.0	0.0	0.0	0.0	0.0	15.8	9.7	53.1	0.0	21.4	0.0	0.0	0.0	1.2
	0.0	0.0	0.0	0.0	0.0	2.0	1.7	57.1	0.0	3.4	0.0	0.0	0.0	
7W	0	0	0	0	0	0	0	0	490	0	0	0	279	769
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.7	0.0	0.0	0.0	36.3	2.7
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	2.7	
8	0	0	0	0	58	0	0	0	0	794	0	0	0	852
	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	93.2	0.0	0.0	0.0	3.0
	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	0.0	37.9	0.0	0.0	0.0	
9	0	0	0	0	0	0	0	0	0	0	459	0	0	459
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	1.6
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1	0.0	0.0	
10	0	0	156	0	0	0	0	0	0	0	0	2528	279	2963
	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.3	9.4	10.4
	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.3	2.7	
11	0	0	0	0	0	0	0	0	0	0	0	0	279	279
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	1.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	
COLUMN TOTAL	1529	364	938	1778	403	2612	1891	314	1470	2094	2179	2739	10312	25622
	5.3	1.3	3.3	6.2	1.4	9.1	6.6	1.1	5.1	7.3	7.6	9.6	56.0	100.0

TABLE 6B
 ORIGIN AND DESTINATION REGIONS FOR RUFFED OR SPRUCE GROUSE HUNTING TRIPS
 REGION OF RESIDENCE

COUNT	ROW PCT	COL PCT	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	RD#	TOTAL
REGION HUNTED																	
IN																	
1	983	1	28	0	187	0	53	0	0	0	0	0	0	0	0	279	1530
	64.2	1.8	0.0	12.2	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	3.2
	78.3	2.7	0.0	5.1	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
2	218	756	156	655	115	0	0	45	98	144	115	211	1951				4464
	4.9	16.9	3.5	14.7	2.6	0.0	0.0	1.0	2.2	3.2	2.6	4.7	43.7				9.3
	17.4	73.0	1.8	17.9	4.0	0.0	0.0	4.5	3.1	10.0	16.7	9.1	6.5				
3	0	112	6284	187	58	107	0	224	1274	0	229	843	8918				20236
	0.0	0.6	40.9	0.9	0.3	0.5	0.0	1.1	6.3	0.0	1.1	4.2	44.1				42.0
	0.0	10.8	96.4	5.1	2.0	18.2	0.0	22.7	40.6	0.0	33.3	30.4	39.0				
4	0	140	0	2340	58	0	33	0	0	0	0	0	0				2570
	0.0	5.4	0.0	91.0	2.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0				5.3
	0.0	13.5	0.0	64.1	2.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0				
5	0	0	0	94	2645	373	0	0	490	0	229	632	2230				6693
	0.0	0.0	0.0	1.4	39.5	5.6	0.0	0.0	7.3	0.0	3.4	9.4	33.3				13.9
	0.0	0.0	0.0	2.6	92.0	63.6	0.0	0.0	15.6	0.0	33.3	27.3	9.5				
6E	0	0	156	0	0	0	0	0	0	0	0	0	0				156
	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.3
	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
6W	55	0	0	0	0	53	0	0	0	0	0	0	0				108
	50.6	0.0	0.0	0.0	0.0	49.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.2
	4.3	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
7E	0	0	0	0	0	0	0	627	392	0	115	0	6649				7823
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	5.0	0.0	1.5	0.0	65.5				16.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.6	12.5	0.0	10.7	0.0	29.3				
7W	0	0	0	0	0	0	0	0	882	0	0	0	279				1161
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.0	0.0	0.0	0.0	24.0				2.4
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1	0.0	0.0	0.0	1.2				
10	0	0	0	0	0	0	0	0	0	0	0	0	632	1394			2026
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.2	68.8			4.2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3	6.1			
11	0	0	0	187	0	0	0	90	0	0	0	0	1115				1392
	0.0	0.0	0.0	13.5	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	80.1				2.9
	0.0	0.0	0.0	5.1	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	4.9				
COLUMN TOTAL	1256	1036	8597	3650	2875	586	33	966	3136	144	688	2318	22453				48158
	2.6	2.2	17.9	7.6	6.0	1.2	0.1	2.0	6.5	0.3	1.4	4.8	47.5				100.0

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TABLE 7B
 ORIGIN AND DESTINATION REGIONS FOR SHARPTAIL GROUSE HUNTING TRIPS

		REGION OF RESIDENCE										ROW TOTAL
		1	2	3	4	5	7E	7W	9	11		
COUNT	ROW PCT											
	COLUMN PCT											
REGION HUNTER IN		601	28	313	94	58	0	0	0	279	1371	
		43.8	2.0	22.8	6.8	4.2	0.0	0.0	0.0	20.3	42.0	
		100.0	33.3	33.3	100.0	33.3	0.0	0.0	0.0	25.0		
	1	0	56	0	0	115	0	98	115	836	1220	
		0.0	4.6	0.0	0.0	9.4	0.0	8.0	9.4	68.5	37.4	
		0.0	66.7	0.0	0.0	66.7	0.0	100.0	100.0	75.0		
	2	0	0	625	0	0	0	0	0	0	625	
		0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	
		0.0	0.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0		
	3	0	0	0	0	0	45	0	0	0	45	
		0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	1.4	
		0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0		
7E	601	84	938	94	173	45	98	115	1115	3261		
COLUMN TOTAL	18.4	2.6	28.8	2.9	5.3	1.4	3.0	3.5	34.2	100.0		

TABLE 83

ORIGIN AND DESTINATION REGIONS FOR UNSPECIFIED GROUSE HUNTING TRIPS

REGION OF RESIDENCE

COUNT POW PCT COL PCT	REGION OF RESIDENCE											POW TOTAL	
	1	2	3	4	5	6E	6W	7E	7W	8	9		10
REGION HUNTED IN	1037	0	0	0	115	0	0	0	98	0	0	421	270
1	53.2	0.0	0.0	0.0	5.9	0.0	0.0	0.0	5.0	0.0	0.0	21.6	14.3
	90.5	0.0	0.0	0.0	5.9	0.0	0.0	0.0	4.2	0.0	0.0	11.8	1.2
2	109	640	156	94	115	0	98	0	490	0	344	0	1115
	3.2	25.0	4.7	2.8	3.4	0.0	2.9	0.0	14.6	0.0	10.2	0.0	33.2
	9.5	80.9	1.9	7.1	5.9	0.0	42.9	0.0	20.8	0.0	50.0	0.0	4.7
3	0	0	7071	0	173	0	0	403	0	0	115	0	4735
	0.0	0.0	59.5	0.0	1.3	0.0	0.0	3.0	0.0	0.0	0.0	0.0	35.4
	0.0	0.0	96.2	0.0	1.8	0.0	0.0	20.0	0.0	0.0	16.7	0.0	19.8
4	0	56	0	0	0	0	65	0	0	0	0	0	557
	0.0	3.5	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	34.5
	0.0	6.1	0.0	0.0	0.0	0.0	28.6	0.0	0.0	0.0	0.0	0.0	2.3
5	0	0	0	187	1495	53	33	134	490	217	0	421	2508
	0.0	0.0	0.0	3.4	27.0	1.0	0.6	2.4	6.8	3.9	0.0	7.6	45.3
	0.0	0.0	0.0	14.3	76.5	20.0	14.3	6.7	20.8	50.0	0.0	11.8	10.5
6E	0	0	0	0	0	160	0	0	0	0	0	0	0
	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6W	0	0	0	94	58	53	33	0	0	0	0	0	279
	0.0	0.0	0.0	18.2	11.1	10.3	6.3	0.0	0.0	0.0	0.0	0.0	54.0
	0.0	0.0	0.0	7.1	2.9	20.0	14.3	0.0	0.0	0.0	0.0	0.0	1.2
7E	0	0	0	0	0	0	0	1478	392	0	0	0	4361
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	3.6	0.0	0.0	0.0	41.7
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.3	16.7	0.0	0.0	0.0	34.9
7W	0	0	0	0	0	0	0	0	882	72	115	0	2508
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7	2.0	3.2	0.0	74.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5	16.7	16.7	0.0	10.5
8	0	28	0	0	0	0	0	0	0	144	115	0	0
	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.3	40.0	0.0	0.0
	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	16.7	0.0	0.0
10	0	0	156	0	0	0	0	0	0	0	0	2739	1672
	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	30.6
	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.5	7.0
11	0	0	0	0	0	0	0	0	0	0	0	0	1951
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1
COLUMN TOTAL	1147	924	8284	1310	1955	267	228	2016	2352	433	688	3582	23868
	2.4	2.0	17.6	2.8	4.1	0.6	0.5	4.3	5.0	0.9	1.5	7.6	50.8

TABLE 9B
ORIGIN AND DESTINATION REGIONS FOR PARTRIDGE HUNTING TRIPS

COUNT ROW PCT COL PCT	REGION OF RESIDENCE											PO- TOTAL		
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
1	437	0	0	0	0	0	0	0	0	0	0	0	270	716
	61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	3.9
	88.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	
2	0	140	0	0	0	0	0	0	0	0	0	0	279	419
	0.0	33.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.6	2.3
	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	
3	0	0	4064	0	58	0	0	0	0	72	115	0	1394	5702
	0.0	0.0	71.3	0.0	1.0	0.0	0.0	0.0	0.0	1.3	2.0	0.0	24.2	31.4
	0.0	0.0	92.9	0.0	16.7	0.0	0.0	0.0	0.0	2.7	16.7	0.0	22.4	
4	0	0	0	655	0	0	65	0	0	0	0	0	0	720
	0.0	0.0	0.0	90.9	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	4.0
	0.0	0.0	0.0	100.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	
5	0	0	0	0	230	0	0	0	98	72	0	0	557	958
	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.0	10.2	7.5	0.0	0.0	58.2	5.3
	0.0	0.0	0.0	0.0	66.7	0.0	0.0	0.0	7.7	2.7	0.0	0.0	11.8	
6E	0	0	0	0	0	267	0	0	392	0	0	0	279	937
	0.0	0.0	0.0	0.0	0.0	24.4	0.0	0.0	41.8	0.0	0.0	0.0	24.7	5.2
	0.0	0.0	0.0	0.0	0.0	83.3	0.0	0.0	30.8	0.0	0.0	0.0	5.9	
6W	0	0	0	0	0	0	554	0	0	72	0	0	0	626
	0.0	0.0	0.0	0.0	0.0	0.0	88.5	0.0	0.0	11.5	0.0	0.0	0.0	3.5
	0.0	0.0	0.0	0.0	0.0	0.0	89.5	0.0	0.0	2.7	0.0	0.0	0.0	
7E	0	0	0	0	0	0	0	90	98	0	0	0	557	745
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	13.2	0.0	0.0	0.0	74.8	4.1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7	7.7	0.0	0.0	0.0	11.8	
7W	0	0	0	0	0	0	0	0	588	0	115	0	279	981
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.9	0.0	11.7	0.0	28.4	5.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.2	0.0	16.7	0.0	5.9	
8	55	0	313	0	58	53	0	0	98	2310	0	0	0	2886
	1.9	0.0	10.8	0.0	2.0	1.8	0.0	0.0	3.4	80.0	0.0	0.0	0.0	15.9
	11.1	0.0	7.1	0.0	16.7	16.7	0.0	0.0	7.7	86.5	0.0	0.0	0.0	
9	0	0	0	0	0	0	0	0	0	144	459	0	279	882
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	52.0	0.0	31.6	4.9
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	66.7	0.0	5.9	
10	0	0	0	0	0	0	0	0	0	0	0	1680	279	1959
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.8	14.2	10.8
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	5.9	
11	0	0	0	0	0	0	0	45	0	0	0	0	557	602
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	92.6	3.3
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	11.8	
COLUMN TOTAL	491	140	4376	655	345	320	619	134	1274	2671	686	1686	4734	18139
	2.7	0.8	24.1	3.6	1.9	1.8	3.4	0.7	7.0	14.7	3.8	9.3	26.1	100.0

TABLE 10B

ORIGIN AND DESTINATION REGIONS FOR MOOSE HUNTING TRIPS

COUNT ROW PCT COL PCT	REGION OF RESIDENCE					ROW TOTAL
	1	3	4	7W	8	
REGION HUNTED IN	109	0	94	0	72	275
1	39.7	0.0	34.0	0.0	26.3	37.9
2	0	0	0	19.6	0	19.6
3	0.0	0.0	0.0	100.0	0.0	27.0
4	0.0	0.0	0.0	66.7	0.0	15.6
5	0	15.6	0	0	0	15.6
6	0.0	100.0	0.0	0.0	0.0	21.5
7	0.0	100.0	0.0	0.0	0.0	9.4
8	0	0	0	9.4	0	9.4
9	0.0	0.0	0.0	100.0	0.0	13.5
10	0.0	0.0	0.0	33.3	0.0	4.5
COLUMN TOTAL	109	15.6	94	29.4	72	275
	15.1	21.5	12.9	40.5	10.0	100.0

TABLE 11B

ORIGIN AND DESTINATION REGIONS FOR PHEASANT HUNTING TRIPS

COUNT ROW PCT COL PCT	REGION OF RESIDENCE											TOTAL					
	1	2	3	4	5	6E	6W	7E	7W	8	9		10	11			
REGION HUNTED IN	109	0	0	0	58	0	33	0	98	0	0	0	0	0	0	0	207
1	36.7	0.0	0.0	0.0	19.3	0.0	11.0	0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
	50.0	0.0	0.0	0.0	7.7	0.0	2.9	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	557	557
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3
3	0	0	156	0	0	0	0	0	0	144	0	0	0	0	0	557	557
	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	16.8	0.0	0.0	0.0	0.0	0.0	65.0	65.0
	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	1.3	1.3
4	0	28	156	1665	58	53	65	0	196	0	0	0	0	0	0	530	3777
	0.0	0.9	5.1	54.8	1.9	1.7	2.1	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	27.2	3.0
	0.0	33.3	16.7	85.7	7.7	1.8	5.7	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9
5	0	0	0	0	230	0	0	0	96	144	0	0	0	0	0	279	751
	0.0	0.0	0.0	0.0	30.6	0.0	0.0	0.0	13.0	19.2	0.0	0.0	0.0	0.0	0.0	37.1	1.0
	0.0	0.0	0.0	0.0	30.8	0.0	0.0	0.0	2.0	3.9	0.0	0.0	0.0	0.0	0.0	0.6	0.6
6E	0	28	156	0	58	2398	65	0	882	72	115	0	0	0	0	1672	5207
	0.0	0.9	2.9	0.0	1.1	44.0	1.2	0.0	16.2	1.3	2.1	0.0	0.0	0.0	0.0	30.7	7.0
	0.0	33.3	16.7	0.0	7.7	80.4	5.7	0.0	18.0	2.0	1.6	0.0	0.0	0.0	0.0	3.9	3.9
6W	109	0	156	0	115	267	880	0	392	144	0	0	0	0	0	1115	3178
	3.4	0.0	4.9	0.0	3.6	6.4	27.7	0.0	12.3	4.5	0.0	0.0	0.0	0.0	0.0	35.1	2.1
	50.0	0.0	16.7	0.0	15.4	8.9	77.1	0.0	8.9	3.9	0.0	0.0	0.0	0.0	0.0	2.6	2.6
7E	0	0	0	0	0	0	0	1120	96	0	0	0	0	0	0	1672	2890
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	57.9	3.7
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	3.9
7W	0	0	0	94	0	53	0	0	2156	0	115	0	0	0	0	3902	6319
	0.0	0.0	0.0	1.5	0.0	0.8	0.0	0.0	34.1	0.0	1.8	0.0	0.0	0.0	0.0	63.7	8.1
	0.0	0.0	0.0	4.8	0.0	1.8	0.0	0.0	44.0	0.0	1.6	0.0	0.0	0.0	0.0	9.1	9.1
8	0	0	0	0	58	160	98	0	294	2888	229	0	0	0	0	279	4005
	0.0	0.0	0.0	0.0	1.4	4.0	2.4	0.0	7.3	72.1	5.7	0.0	0.0	0.0	0.0	7.0	5.1
	0.0	0.0	0.0	0.0	7.7	5.4	8.6	0.0	6.0	78.4	3.2	0.0	0.0	0.0	0.0	0.6	0.6
9	0	28	156	0	115	0	0	0	0	72	6194	0	0	0	0	5853	12419
	0.0	0.2	1.3	0.0	0.9	0.0	0.0	0.0	0.0	0.6	49.9	0.0	0.0	0.0	0.0	47.1	15.9
	0.0	33.3	16.7	0.0	15.4	0.0	0.0	0.0	0.0	2.0	85.7	0.0	0.0	0.0	0.0	13.6	13.6
10	0	0	156	94	0	0	0	0	588	72	115	9903	10869	0	0	12797	21797
	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	2.7	0.3	0.5	45.4	49.9	0.0	0.0	49.9	27.9
	0.0	0.0	16.7	4.8	0.0	0.0	0.0	0.0	12.0	2.0	1.6	100.0	100.0	0.0	0.0	25.3	25.3
11	0	0	0	94	58	53	0	179	96	144	459	0	0	0	0	15328	16413
	0.0	0.0	0.0	0.6	0.4	0.3	0.0	1.1	0.6	0.9	2.8	0.0	0.0	0.0	0.0	93.4	21.0
	0.0	0.0	0.0	4.8	7.7	1.8	0.0	13.8	2.0	3.9	6.3	0.0	0.0	0.0	0.0	35.7	35.7
COLUMN TOTAL	218	84	939	1966	748	2985	1141	1299	4900	3682	7226	9903	42920	42920	55.0	78009	78009
	0.3	0.1	1.2	2.5	1.0	3.8	1.5	1.7	6.3	4.7	9.3	12.7	55.0	55.0	0.0	100.0	100.0

TABLE 12B

ORIGIN AND DESTINATION REGIONS FOR RABBIT HUNTING TRIPS
REGION OF RESIDENCE

COUNT	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	TOTAL
REGION HUNTED IN	601	0	313	0	0	0	0	0	0	0	0	0	0	0
ROW PCT	65.8	0.0	34.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COL PCT	100.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	0	140	0	0	0	0	0	0	0	0	115	0	270	433
2	0.0	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	52.2	2.9
3	0.0	83.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	3.7	0.0
4	0	0	2501	0	0	0	0	0	490	72	0	0	1951	5014
5	0.0	0.0	49.9	0.0	0.0	0.0	0.0	0.0	9.8	1.4	0.0	0.0	38.0	27.2
6E	0.0	0.0	88.9	0.0	0.0	0.0	0.0	0.0	33.3	6.2	0.0	0.0	25.9	0.0
6W	0	0	0	374	0	0	0	0	98	0	0	0	0	72
7E	0.0	0.0	0.0	79.3	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	0.0
7W	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0
8	0	0	0	0	575	0	0	0	196	0	115	211	270	1375
9	0.0	0.0	0.0	0.0	41.8	0.0	0.0	0.0	14.3	0.0	8.3	15.3	20.3	7.5
10	0.0	0.0	0.0	0.0	66.7	0.0	0.0	0.0	13.3	0.0	5.9	16.7	3.7	0.0
11	0	28	0	0	0	0	0	0	96	361	0	0	270	766
TOTAL	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	12.8	47.1	0.0	0.0	36.4	4.2
1	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	6.7	31.2	0.0	0.0	3.7	0.0
2	0	0	0	0	58	53	65	0	0	0	0	0	270	455
3	0.0	0.0	0.0	0.0	12.6	11.7	14.3	0.0	0.0	0.0	0.0	0.0	61.3	2.5
4	0.0	0.0	0.0	0.0	6.7	100.0	100.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0
5	0	0	0	0	0	0	0	134	0	0	0	0	1115	1249
6E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	89.2	0.8
6W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	14.8	0.0
7E	0	0	0	0	0	0	0	0	490	0	0	0	557	1547
7W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.8	0.0	0.0	0.0	53.2	5.7
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	7.4	0.0
9	0	0	0	0	173	0	0	0	0	722	0	0	0	895
10	0.0	0.0	0.0	0.0	19.3	0.0	0.0	0.0	0.0	80.7	0.0	0.0	0.0	4.9
11	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	62.5	0.0	0.0	0.0	0.0
TOTAL	0	0	0	0	58	0	0	0	0	0	1606	211	0	1874
1	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	85.7	11.2	0.0	10.2
2	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	82.4	16.7	0.0	0.0
3	0	0	0	0	0	0	0	0	96	0	0	843	270	1220
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	69.1	22.9	6.6
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	66.7	3.7	0.0
6E	0	0	0	0	0	0	0	0	0	0	115	0	2508	2623
6W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	95.6	14.2
7E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	33.3	0.0
TOTAL	601	168	2813	374	863	53	65	134	1470	1155	1950	1264	7525	18436
COLUMN TOTAL	3.3	0.9	15.3	2.0	4.7	0.3	0.4	0.7	8.0	6.3	10.6	6.9	46.4	100.0

TABLE 13B

		ORIGIN AND DESTINATION REGIONS FOR SQUIRREL HUNTING TRIPS											POP TOTAL		
		REGION OF RESIDENCE													
COUNT	ROW PCT	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11	
1	100.0	109	0	0	0	0	0	0	0	0	0	0	0	0	109
1	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
2	0.0	140	0	0	0	0	0	33	0	0	0	115	211	279	777
2	0.0	14.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	14.8	27.1	35.0	4.1
2	0.0	45.5	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	4.5	5.6	4.2	
3	0.0	0	625	0	0	0	0	0	45	0	0	0	0	279	949
3	0.0	0.0	65.9	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	27.4	5.0
3	0.0	0.0	80.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	4.2	
4	0.0	56	0	655	58	0	0	0	0	0	0	0	0	0	749
4	0.0	7.3	0.0	85.2	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
4	0.0	18.2	0.0	87.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	112	0	94	748	0	0	0	0	96	0	0	0	557	1609
5	0.0	7.0	0.0	5.8	46.5	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	34.7	8.5
5	0.0	36.4	0.0	12.5	92.9	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	4.3	
6E	0.0	0	0	0	0	0	373	33	0	0	209	115	0	0	809
6E	0.0	0.0	0.0	0.0	0.0	0.0	46.1	4.0	0.0	0.0	35.7	14.2	0.0	0.0	4.3
6E	0.0	0.0	0.0	0.0	0.0	0.0	63.6	50.0	0.0	0.0	66.7	4.5	0.0	0.0	
6W	0.0	0	0	0	0	0	53	0	0	0	0	0	0	279	332
6W	0.0	0.0	0.0	0.0	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0	83.0	1.7
6W	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2	
7E	0.0	0	0	0	0	0	0	0	538	0	0	0	0	1394	1931
7E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	0.0	0.0	0.0	0.0	72.2	10.2
7E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.3	0.0	0.0	0.0	0.0	20.8	
7W	0.0	0	0	0	0	0	107	0	0	1372	0	0	0	836	2315
7W	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	59.3	0.0	0.0	0.0	36.1	12.2
7W	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0	0.0	87.5	0.0	0.0	0.0	12.5	
8	0.0	0	0	0	0	0	0	0	0	0	144	0	0	0	144
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.8
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	
9	0.0	0	0	0	0	0	53	0	0	0	0	2179	211	557	3001
9	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	72.6	7.0	18.6	15.8
9	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	86.4	5.6	6.3	
10	0.0	0	156	0	0	0	0	0	0	98	0	0	3371	279	3904
10	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	86.3	7.1	20.6
10	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	86.9	4.2	
11	0.0	0	0	0	0	0	0	0	0	0	0	115	0	2230	2344
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	95.1	12.3
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	33.3	
COLUMN TOTAL		109	308	782	749	805	586	65	562	1566	433	2523	3703	6849	18992
		0.6	1.6	4.1	3.9	4.2	3.1	0.3	3.1	8.3	2.3	13.3	20.0	35.2	100.0

TABLE 14B

ORIGIN AND DESTINATION REGIONS FOR WOODCOCK HUNTING TRIPS

REGION OF RESIDENCE

COUNT ROW PCT COL PCT	REGION OF RESIDENCE											TOTAL
	1	2	3	5	6W	7E	7W	9	10	11		
1	109	0	0	58	0	0	0	0	0	0	0	167
65.5	0.0	0.0	34.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
100.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0	0	0	0	0	0	0	115	0	557	672	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	0.0	22.9	27.9	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	9.5	10.5	
3	0	25	313	0	0	45	0	0	0	536	1321	
0.0	2.1	23.7	0.0	0.0	3.4	7.4	0.0	0.0	0.0	3.4	17.5	
0.0	50.0	100.0	0.0	0.0	14.3	100.0	0.0	0.0	0.0	14.3	100.0	
4	0	28	0	0	0	0	0	0	0	0	28	
0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0	0	0	173	33	0	0	0	0	0	206	
0.0	0.0	0.0	84.1	15.9	0.0	0.0	0.0	0.0	0.0	0.0	2.7	
0.0	0.0	0.0	75.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7E	0	0	0	0	0	269	0	0	0	3002	4171	
0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	43.6	55.3	
0.0	0.0	0.0	0.0	0.0	0.0	85.7	0.0	0.0	0.0	66.7	100.0	
7W	0	0	0	0	0	0	0	0	0	274	274	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	
10	0	0	0	0	0	0	0	0	421	0	421	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	5.6	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	
11	0	0	0	0	0	0	0	0	0	274	274	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	
COLUMN TOTAL	109	56	313	230	33	314	98	115	421	5443	7541	
	1.4	0.7	4.1	3.1	0.4	4.2	1.3	1.5	5.6	77.6	100.0	

TABLE 15B

ORIGIN AND DESTINATION REGIONS FOR SMALL GAME HUNTING TRIPS

REGION OF RESIDENCE

REGION HUNTED IN	COUNT	REGION OF RESIDENCE								ROW PCT	COL PCT	ROW TOTAL
		2	4	6E	7E	7W	8	9	10			
4	I	56	187	0	0	0	0	0	0	0	0	243
	I	23.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2
	I	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6W	I	0	0	53	0	0	0	0	0	0	0	53
	I	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
	I	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7E	I	0	0	0	96	0	0	0	0	0	0	96
	I	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
	I	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	
7W	I	0	0	0	0	98	0	0	0	0	0	98
	I	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	6.1
	I	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	
8	I	0	0	0	0	0	144	0	0	0	0	144
	I	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	9.6
	I	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	
9	I	0	0	0	0	0	0	344	0	0	0	344
	I	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	21.4
	I	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	
10	I	0	0	0	0	0	0	0	0	632	0	632
	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	39.4
	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	
COLUMN TOTAL		56	187	53	96	98	144	344	632			1805
		3.5	11.7	3.3	5.6	6.1	9.6	21.4	39.4			100.0

APPENDIX C

COMMENTS ON HOW THE STATE COULD IMPROVE THE PROVISION OF HUNTING OPPORTUNITIES

TABLE 1C

COMMENTS ON HOW THE STATE COULD IMPROVE THE PROVISION OF HUNTING OPPORTUNITIES

COMMENTS

REGION

#	COLUMN %	REGION											STATE TOTAL		
		1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
1.Acquire more areas open to hunting		3	7	3	4	5	4	4	4	5	2	4	3	3	51
		7.1	13.2	4.3	6.1	6.9	7.8	7.3	7.8	9.3	3.5	6.3	6.0	2.1	5.3
2.More Private areas needed		4	4	3	0	0	1	2	2	2	2	2	3	4	29
		9.5	7.5	4.3	0.0	0.0	2.0	3.6	3.9	3.7	3.5	3.1	6.0	2.8	3.6
3.Private land should be open to hunting		0	3	2	3	4	2	6	2	2	5	4	5	11	49
		0.0	5.7	2.9	4.5	7.1	3.9	10.9	3.9	3.7	8.8	6.3	10.0	7.3	6.0
4.More public areas needed		0	0	1	3	0	3	0	1	3	2	1	1	4	19
		0.0	0.0	1.4	4.5	0.0	5.9	0.0	2.0	5.6	3.5	1.6	2.0	2.8	2.3
5.More public areas close to home needed		1	0	0	0	0	0	1	0	1	0	0	0	2	5
		2.4	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.9	0.0	0.0	0.0	1.8	0.6
6.More trails & roads into hunting areas needed		0	0	1	1	1	2	0	1	2	0	0	0	7	15
		0.0	0.0	1.4	1.5	1.8	3.9	0.0	2.0	3.7	0.0	0.0	0.0	4.0	1.8
7.Feeding of deer in winter should be increased		1	2	2	2	1	0	2	2	1	2	0	0	1	16
		2.4	3.8	2.7	3.0	1.8	0.0	3.6	3.9	1.9	3.5	0.0	0.0	0.7	2.0
8.Acquire more habitat		2	1	0	2	0	5	0	1	1	1	0	1	1	15
		4.8	1.9	0.0	3.0	0.0	9.8	0.0	2.0	1.9	1.8	0.0	2.0	0.7	1.8
9.Improve current habitat management		6	7	13	12	3	7	10	6	5	5	7	6	23	110
		14.4	13.2	18.8	18.2	5.4	13.7	18.2	11.8	9.3	8.8	10.9	12.0	15.9	13.5
10.More predators should be taken		0	1	3	0	1	0	0	1	1	1	3	1	1	13
		0.0	1.9	4.3	0.0	1.8	0.0	0.0	2.0	1.9	1.8	4.7	2.0	0.7	1.6
11.Cut more timber		0	0	1	0	0	0	0	0	1	0	0	0	1	3
		0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.7	0.0

TABLE 1C (continued)

COMMENTS	REGION													STATE
	1	2	3	4	5	6E	6W	7E	7W	8	9	10	11TOTAL	
12. Better take	0	1	0	0	0	0	0	0	0	2	0	0	0	3
	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.4
13. One deer per hunter	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
14. Open for bucks and does	3	6	4	1	10	7	3	6	4	3	7	3	3	55
	7.1	11.3	5.8	1.5	17.9	13.7	5.5	11.8	7.4	5.3	3.1	6.0	2.1	6.8
15. Smaller management units for better tailored seasons & limit	0	0	0	2	0	0	0	2	1	0	0	1	0	6
	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.9	1.9	0.0	0.0	2.0	0.0	0.7
16. Close season if population decreases	0	1	0	0	2	0	0	1	2	1	1	1	4	13
	0.0	1.9	0.0	0.0	3.6	0.0	0.0	2.0	3.7	1.8	1.6	2.0	2.0	1.6
17. Season too long	3	2	0	1	2	0	0	3	1	0	1	2	2	17
	7.1	3.8	0.0	1.5	3.6	0.0	0.0	5.9	1.9	0.0	1.6	6.0	1.6	2.3
18. Season too short	1	1	0	4	1	3	2	2	2	1	1	1	1	20
	2.4	1.9	0.0	6.1	1.8	5.9	3.6	3.9	3.7	1.8	1.6	2.0	0.7	2.5
19. Season too early	0	0	0	0	0	0	0	1	0	0	0	0	1	2
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.7	0.2
20. Season too late	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.1
21. More game wardens needed	1	3	0	0	0	0	0	1	0	1	1	0	2	9
	2.4	5.7	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.8	1.6	0.0	1.6	1.1
22. Landowner rights violations should be stopped	1	0	1	1	1	1	0	0	0	0	0	0	0	3
	2.4	0.0	1.4	1.5	1.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9

TABLE 1C (continued)

COMMENTS	#	REGION											STATE TOTAL				
		1	2	3	4	5	6E	6W	7E	7W	8	9		10	11		
	COLUMN %																
23.Laws should be made clearer		0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
		0.0	1.9	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
24.Law violations should be stopped		0	0	1	0	0	0	1	1	2	1	3	1	3	1	3	13
		0.0	0.0	1.4	0.0	0.0	0.0	1.8	2.0	3.7	1.8	4.7	2.0	2.1	1.4	1.4	1.4
25.Poaching should be stopped		2	1	3	4	1	1	0	2	2	1	1	2	3	1	3	33
		4.8	1.9	4.3	6.1	1.8	2.0	0.0	3.9	3.7	1.8	1.6	4.0	2.1	1.4	2.8	2.8
26.Improve hunting technique		0	1	0	1	0	0	2	0	0	0	2	0	1	1	7	7
		0.0	1.9	0.0	1.5	0.0	0.0	3.6	0.0	0.0	0.0	3.1	0.0	0.7	0.7	0.9	0.9
27.Littering should be stopped		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
		0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
28.Slob hunters should be stopped		1	1	0	0	0	0	1	2	0	0	0	1	3	1	3	9
		2.4	1.9	0.0	0.0	0.0	0.0	1.8	3.9	0.0	0.0	0.0	2.0	2.1	1.4	1.4	1.1
29.Larger hunting areas needed		1	0	0	0	0	1	1	1	0	1	3	1	3	1	3	12
		2.4	0.0	0.0	0.0	0.0	2.0	1.8	2.0	0.0	1.8	4.7	2.0	2.1	1.4	1.4	1.5
30.More hunting areas needed		8	0	1	10	1	4	1	3	2	5	8	3	19	1	19	65
		19.0	0.0	1.4	15.2	1.8	7.8	1.8	5.9	3.7	8.8	12.5	6.0	13.1	1.4	13.1	8.6
31.Close season if population dictates		0	0	3	2	3	0	1	2	0	0	0	2	5	1	5	18
		0.0	0.0	4.3	3.0	5.4	0.0	1.8	3.9	0.0	0.0	0.0	4.0	3.4	1.4	3.4	2.2
32.Costs too high		0	4	3	3	5	0	1	1	1	1	1	1	2	1	2	23
		0.0	7.5	4.3	4.5	8.9	0.0	1.8	2.0	1.9	1.8	1.6	2.0	1.4	1.4	2.8	2.8
33.Keep costs low		0	1	2	1	0	0	1	0	0	0	1	0	2	1	2	9
		0.0	1.9	2.9	1.5	0.0	0.0	1.8	0.0	0.0	0.0	1.6	0.0	1.4	1.4	1.4	1.9

TABLE 1C (continued)

REGION

COMMENTS

#	COLUMN %	REGION										STATE TOTAL		
		1	2	3	4	5	6E	6W	7E	7W	8		9	10
34. Disperse hunters		1	0	1	1	0	0	0	0	1	2	0	4	10
		2.4	0.0	1.4	1.5	0.0	0.0	0.0	0.0	1.8	3.1	0.0	2.8	1.2
35. Improve habitat in general		2	2	6	3	3	2	3	1	4	0	2	9	31
		4.8	3.8	8.7	4.5	5.4	3.9	5.5	2.0	7.4	7.0	0.0	6.2	3.0
36. Improve habitat on state land		0	2	0	0	0	0	1	1	0	0	1	1	7
		0.0	3.8	0.0	0.0	0.0	0.0	1.8	2.0	0.0	0.0	1.6	2.0	0.7
37. Incentives offered to land-owners for habitat improvement		0	0	0	1	0	1	1	0	1	3	2	1	12
		0.0	0.0	0.0	1.5	0.0	2.0	1.8	0.0	1.9	5.3	3.1	2.0	1.4
38. Information needed on where to hunt		0	1	0	0	0	2	0	2	0	0	0	1	11
		0.0	1.9	0.0	0.0	0.0	3.9	0.0	3.9	0.0	0.0	0.0	2.0	3.4
39. Landowner rights should be strengthened		1	1	0	0	1	0	1	1	1	0	0	0	7
		2.4	1.9	0.0	0.0	1.8	0.0	1.8	2.0	1.9	0.0	0.0	0.0	0.7
40. Improve access to private land		1	1	0	0	0	1	1	2	2	0	2	1	13
		2.4	1.9	0.0	0.0	0.0	2.0	1.8	3.9	3.7	0.0	3.1	2.6	1.4
41. Improve management on private land		0	0	0	0	0	1	0	0	0	0	1	0	3
		0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	1.6	0.0	0.7
42. More refuges needed		0	0	0	0	1	1	0	1	2	3	0	1	10
		0.0	0.0	0.0	0.0	1.8	2.0	0.0	2.0	3.7	5.3	0.0	2.0	0.7
43. Stock game for put & take hunting		0	1	0	1	0	0	1	1	1	0	1	1	9
		0.0	1.9	0.0	1.5	0.0	0.0	1.8	2.0	1.9	0.0	1.6	2.0	1.4
44. (UPLAND GAME): Areas needed closer to home (grouse)		0	0	0	0	0	0	0	0	0	1	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0

TABLE 1C (continued)

COMMENTS	# COLUMN %	REGION											STATE TOTAL			
		1	2	3	4	5	6E	6W	7E	7W	8	9		10	11	
47.GROUSE:Improve habitat in general		0	0	1	1	0	0	0	1	0	0	0	0	0	1	4
		0.0	0.0	1.4	1.5	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.7	9.5	
53.Season too long		0	0	0	0	1	0	0	0	0	0	0	1	0	2	
		0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.2	
54.Season too short		0	0	0	0	0	0	1	0	0	0	0	0	1	2	
		0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.7	0.2	
55.Season too early		0	1	1	0	0	0	0	0	0	0	0	0	0	2	
		0.0	1.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	
57.PHEASANT:Areas needed closer to home		0	0	0	0	0	0	0	0	0	0	0	0	1	1	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	
60.More public areas needed		0	0	0	0	0	0	0	0	2	1	0	2	5		
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	1.6	0.0	1.4	6.5		
61.Improve habitat in general		0	0	0	0	2	1	0	0	1	0	0	0	2	6	
		0.0	0.0	0.0	0.0	3.6	2.0	0.0	0.0	1.9	0.0	0.0	1.4	6.7		
62.Improve habitat on private land		0	0	0	0	0	0	0	0	0	1	0	0	1		
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.1		
63.Improve habitat on state land		0	0	0	0	0	0	0	0	0	1	0	0	1		
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.1		
65.Decrease number of predators		0	1	0	0	0	0	0	0	0	1	0	0	2		
		0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.2		
66.Stock more pheasants		0	1	1	3	2	1	1	0	0	5	1	0	3	18	
		0.0	1.9	1.4	4.3	3.6	2.0	1.8	0.0	0.0	8.8	1.6	0.0	2.1	22.2	

TABLE 1C (continued)

REGION

COMMENTS	# COLUMN	REGION											STATE TOTAL					
		1	2	3	4	5	6E	6W	7E	7W	8	9		10	11			
70. Open season at daybreak		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
71. Season too long		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
72. Season too short		0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	2
		0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	6.2
73. Season too early		0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	3
		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.7	6.0
76. WATERFOWL: Larger areas needed		0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	2.0	0.0	0.0	6.1
77. Private land should be opened		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1
78. More public areas needed		0	0	0	1	0	0	0	0	1	0	0	0	0	2	0	0	4
		0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	6.5
81. Improve habitat in general		0	2	1	1	0	0	0	0	1	0	0	0	0	0	1	1	6
		0.0	3.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	6.7
83. Improve habitat on state land		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.1
85. Create wetlands		0	1	0	2	0	1	0	0	0	2	1	0	1	0	1	1	8
		0.0	1.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	2.0	1.0	0.0	1.0	0.0	0.7	0.7	1.0
87. Stop draining wetlands		1	0	0	1	0	4	2	0	0	0	2	0	2	0	1	1	11
		2.4	0.0	0.0	1.0	0.0	7.0	3.6	0.0	0.0	0.0	3.1	0.0	0.0	0.7	0.7	1.4	14.4

TABLE 1C (continued)

COMMENTS	# COLUMN %	REGION											STATE TOTAL			
		1	2	3	4	5	6E	6W	7E	7W	8	9		10	11	
90.Limit too low		0	0	3	0	0	0	1	0	0	0	0	0	0	2	6
		0.0	0.0	4.3	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.7
91.Open season at daybreak		1	0	3	0	0	0	1	1	0	0	0	1	0	7	7
		2.4	0.0	4.3	0.0	0.0	0.0	1.8	2.0	0.0	0.0	0.0	2.0	0.0	6.9	6.9
92.Open season on weekend		0	0	0	0	1	0	0	0	0	0	0	0	0	1	1
		0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
93.Season too long		0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.1
94.Season too short		0	0	1	1	1	0	0	0	1	2	0	0	3	9	9
		0.0	0.0	1.4	1.5	1.8	0.0	0.0	0.0	1.9	3.5	0.0	0.0	2.1	11.2	11.2
95.Season too early		0	1	0	1	0	0	0	0	0	0	0	0	0	2	2
		0.0	1.9	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
97.Too old to hunt much		0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.1
98.Other		9	9	22	14	12	16	25	11	16	11	14	12	27	190	190
		21.8	17.0	31.9	21.2	21.8	31.4	45.9	21.6	29.6	19.3	21.9	24.0	18.6	24.4	24.4
COLUMN TOTALS		42	53	69	66	56	51	55	51	54	57	60	50	145	613	613
		5.2	6.5	8.5	8.1	6.9	6.3	6.8	6.3	5.6	7.0	7.4	6.2	17.8	100.0	100.0

APPENDIX D

GENERAL COMMENTS

TABLE 1D
GENERAL COMMENTS

COMMENTS	# COLUMN %	REGION													STATE TOTAL	
		1	2	3	4	5	6E	6W	7E	7W	8	9	10	11		
1.Acquire more areas open to hunting	55 4.3	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	55 3.1
2.More private areas needed	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	279 1.4	279 0.9
3.Private land should be open to hunting	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	279 1.4	279 0.9
5.More public areas close to home needed	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	279 1.4	279 0.9
7.Feeding of deer in winter should be increased	55 4.3	28 3.1	156 2.6	0 0.0	58 5.0	53 3.7	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	279 1.4	629 1.3
8.Acquire more habitat	0 0.0	0 0.0	0 0.0	94 3.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	94 0.2
9.Improve current management	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	196 6.5	0 0.0	0 0.0	0 0.0	0 0.0	279 1.4	475 1.0
10.More predators should be taken	0 0.0	0 0.0	0 0.0	187 6.1	58 5.0	0 0.0	0 0.0	0 0.0	0 0.0	98 3.2	72 3.7	115 4.2	211 5.6	557 2.7	1298 2.6	
11.Cut more timber	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	53 3.7	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	279 1.4	352 0.7
12.Better take	0 0.0	0 0.0	156 2.6	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	279 1.4	455 0.9
13.One deer per hunter	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	211 3.6	0 0.0	211 0.4	

TABLE 1D (continued)

COMMENTS	# COLUMN %	REGION											STATE TOTAL		
		1	2	3	4	5	6E	6W	7E	7W	8	9		10	11
14. Open for bucks and does		199	168	156	0	173	53	65	134	98	144	115	643	1115	3174
		6.7	18.8	2.6	0.0	15.0	3.7	8.0	15.0	3.2	7.4	4.2	14.3	5.5	8.4
15. Smaller management units for better tailored seasons & limits		0	28	0	0	0	0	33	0	0	0	0	0	0	67
		0.0	3.1	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
16. Close season if population dictates		0	0	0	0	0	0	0	45	98	0	119	0	0	258
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.2	0.0	4.2	0.0	0.0	0.5
17. Season too long		164	0	0	0	0	0	0	45	98	361	0	421	0	1089
		13.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.2	16.5	0.0	7.1	0.0	2.2
18. Season too short		0	0	0	0	58	0	0	0	0	0	0	0	0	58
		0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
19. Season too early		0	0	0	0	0	0	0	0	98	72	115	0	0	283
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	3.7	4.2	0.0	0.0	0.6
20. Season too late		0	28	0	94	0	53	0	0	98	72	115	0	277	739
		0.0	3.1	0.0	3.0	0.0	3.7	0.0	0.0	3.2	3.7	4.2	0.0	1.4	1.5
21. More game wardens needed		0	56	313	187	58	0	0	0	193	0	0	211	0	600
		0.0	6.3	5.3	6.1	5.0	0.0	0.0	0.0	6.5	0.0	0.0	3.6	0.0	2.1
22. Landowner rights violations should be stopped		55	56	0	187	58	0	0	0	0	0	0	0	0	353
		4.3	6.3	0.0	6.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
23. Laws should be made clearer		55	0	0	0	0	0	33	0	0	0	115	0	557	739
		4.3	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	4.2	0.0	2.7	1.5
24. Law violations should be stopped		55	28	469	281	115	0	33	0	0	0	0	211	1344	2384
		4.3	3.1	7.9	9.1	10.0	0.0	4.9	0.0	0.0	0.0	0.0	3.6	6.8	3.2

TABLE 1D (continued)

REGION

COMMENTS	# COLUMN	%	REGION											STATE TOTAL
			1	2	3	4	5	6E	6W	7E	7W	8	9	
25. Poaching should be stopped	55	28	625	281	173	160	0	45	196	72	115	211	630	2790
	4.3	3.1	10.5	9.1	15.0	11.1	0.0	5.0	6.5	3.7	4.2	3.6	4.1	5.7
26. Improve hunting technique	55	0	0	187	0	0	0	0	0	72	0	0	557	571
	4.3	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	2.7	3.2
27. Littering should be stopped	0	28	0	0	0	0	0	0	98	0	0	0	0	126
	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	9.3
28. Slob hunters should be stopped	55	0	0	94	0	0	65	0	0	72	229	211	1394	2110
	4.3	0.0	0.0	3.0	0.0	0.0	8.0	0.0	0.0	3.7	8.3	3.6	6.8	10.3
29. Larger hunting areas needed	0	0	156	0	0	0	33	0	0	0	0	0	557	748
	0.0	0.0	2.6	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	2.7	5.5
30. More hunting areas needed	0	0	156	0	0	0	0	0	196	0	115	211	1672	2350
	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	6.5	0.0	4.2	3.6	8.2	10.8
31. Close season if population dictates	0	0	313	94	58	53	0	0	98	72	0	211	0	698
	0.0	0.0	5.3	3.0	5.0	3.7	0.0	0.0	3.2	3.7	0.0	3.6	0.0	10.8
32. Costs too high now	109	28	313	281	115	160	0	45	98	72	229	0	1115	2839
	8.7	3.1	5.3	9.1	10.0	11.1	0.0	5.0	3.2	3.7	8.3	0.0	5.5	15.2
33. Keep costs low	0	28	313	281	0	0	0	0	0	0	0	0	557	1179
	0.0	3.1	5.3	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	7.0
34. Disperse hunters	55	0	0	94	0	0	0	0	98	72	0	211	0	520
	4.3	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.2	3.7	0.0	3.6	0.0	11.1
35. Improve habitat in general	109	0	156	0	0	53	33	99	0	0	0	211	557	1250
	8.7	0.0	2.6	0.0	0.0	3.7	4.0	10.0	0.0	6.0	0.0	3.6	2.7	12.0

TABLE 1D (continued)

REGION

COMMENTS	# COLUMN %	REGION											STATE TOTAL			
		1	2	3	4	5	6E	6W	7E	7W	8	9		10	11	
36. Improve habitat on state land		0	20	156	0	0	0	0	0	0	0	0	0	0	279	603
		0.0	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.9
37. Incentives should be offered to landowners for habitat improvement		109	0	0	94	0	0	33	0	98	0	115	211	557	1216	
		0.7	0.0	0.0	3.0	0.0	0.0	4.0	0.0	3.2	0.0	4.2	3.6	2.7	2.5	
38. Information needed on where to hunt		0	0	0	0	0	0	0	0	0	0	0	0	1115	1113	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	2.3	
39. Landowner rights strengthened		55	20	0	241	58	0	0	45	0	0	0	211	279	953	
		4.3	3.1	0.0	9.1	5.0	0.0	0.0	5.0	0.0	0.0	0.0	3.6	1.8	1.9	
40. Improve access to private land		0	20	0	0	0	0	0	98	0	0	0	211	557	100	
		0.0	3.1	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.6	2.7	1.9	
41. Improve management on private land		0	0	0	0	0	0	0	98	0	115	0	0	0	1040	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	4.2	0.0	0.0	0.0	2.1	
42. More refuges needed		55	0	0	0	0	107	0	0	98	0	0	211	279	760	
		4.3	0.0	0.0	0.0	0.0	7.4	0.0	0.0	3.2	0.0	0.0	3.6	1.4	2.5	
43. Stock game for put & take hunting		0	0	0	0	0	0	0	0	0	0	0	211	0	211	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.4	
44. GROUSE: Areas needed closer to home		0	0	0	0	0	0	0	0	0	72	0	0	0	72	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.1	
45. Private land should be opened		0	0	0	0	0	0	0	0	0	0	0	0	279	279	
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.6	
47. Improve habitat in general		0	0	0	94	0	0	0	0	0	0	0	0	279	172	
		0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.9	

TABLE 1D (continued)

REGION

COMMENTS	# COLUMN	%	REGION											STATE TOTAL	
			1	2	3	4	5	6E	6W	7E	7W	8	9		10
66. Stock more pheasants	0	0	156	0	58	0	0	0	0	0	0	388	211	279	1047
	0.0	0.0	2.6	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	3.6	4.4	21.1
70. Open season at daybreak	0	28	0	0	0	0	0	0	0	0	0	0	0	557	585
	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	1.2
72. Season too short	0	0	0	0	0	53	0	0	96	0	0	0	0	0	151
	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.3
73. Season too early	0	0	0	0	0	53	0	45	0	0	0	0	0	0	90
	0.0	0.0	0.0	0.0	0.0	3.7	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
76. WATERFOWL: Larger areas needed	55	0	0	0	0	0	0	0	96	0	0	0	0	0	153
	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.3
77. Private land should be opened	0	0	0	0	0	0	0	0	0	72	0	0	0	0	72
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.1
78. More public areas needed	0	0	0	94	0	0	0	0	0	0	0	0	0	0	94
	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
80. More refuges needed	0	0	0	0	0	0	0	0	196	0	115	0	279	589	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	4.2	0.0	1.4	1.2	
81. Improve habitat in general	55	0	0	0	0	0	0	0	96	0	115	0	0	267	
	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	4.2	0.0	0.0	0.3	
82. Improve habitat on private land	0	0	0	0	0	0	33	0	0	0	0	0	0	33	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
84. Stop feeding on refuges-move birds off during season	0	0	0	0	0	0	33	0	0	72	0	0	0	105	
	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	3.7	0.0	0.0	0.0	0.2	

APPENDIX E

DNR REGIONS

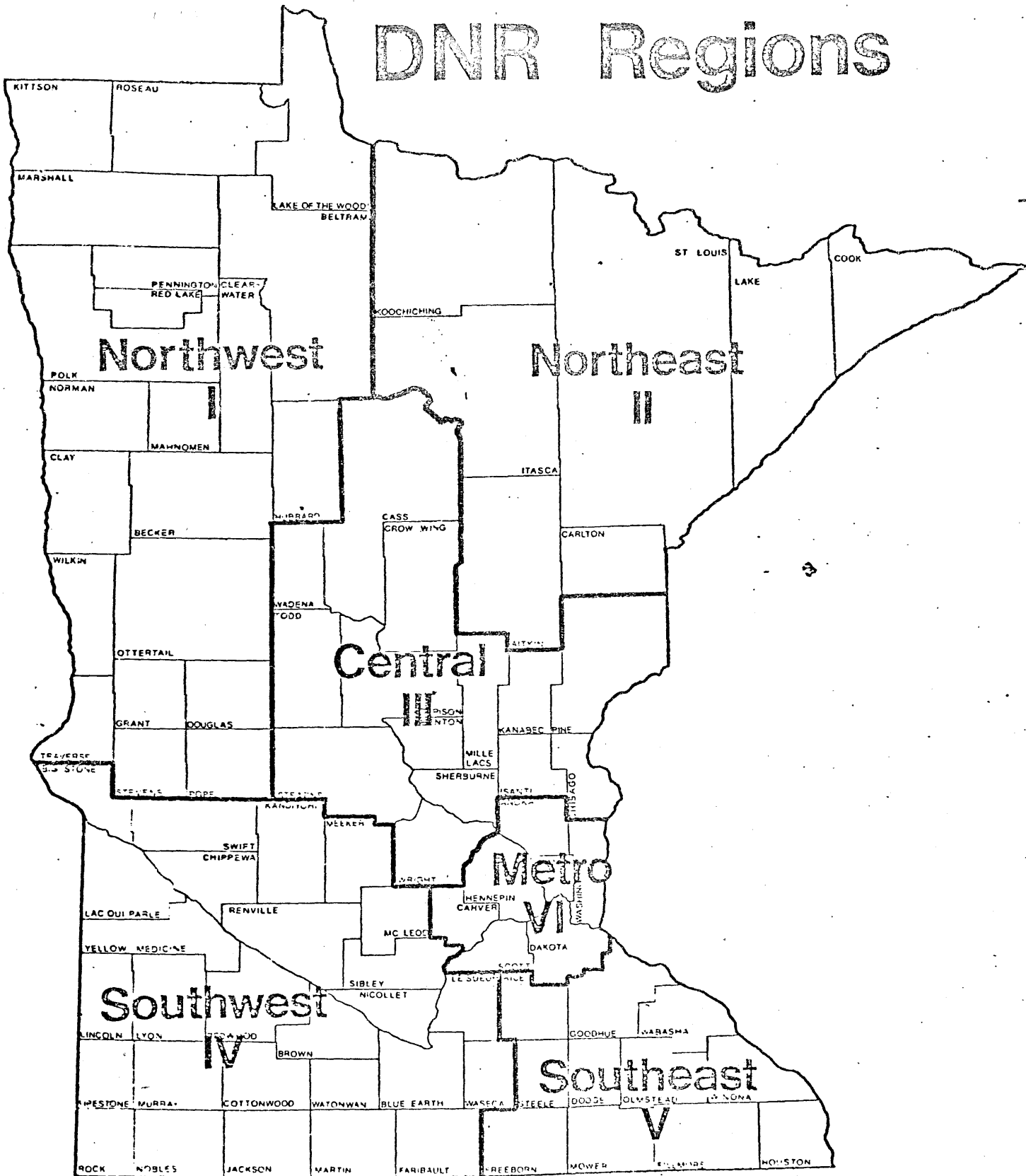


Figure 1.

TABLE 1E

Average Number of Species Bagged Per Hunting Trip by DNR Region Hunted In

REGION	Deer	Duck	Fox	Geese	Ruffed or Spruce Grouse	Sharptail Grouse	Unspecified Grouse	Partridge	Pheasant	Rabbit	Squirrel	Woodcock	Small Game
1	.33	5.10	1.16	1.07	3.39	2.31	2.40	1.91	2.62	5.23	4.76	1.81	8.18
2	.28	3.14	.50	.68	3.08	.25	3.37	3.01	5.01	7.88	4.99	1.17	--
3	.21	3.44	.33	.12	2.49	3.00	2.22	1.59	1.47	3.04	5.68	3.15	2.43
4	.36	3.36	1.07	.93	3.01	1.46	2.44	--	1.82	2.65	4.68	--	9.42
5	.43	4.29	2.00	.81	2.83	2.38	--	1.75	2.22	3.57	7.79	1.00	6.33
6	.09	2.98	--	--	.06	--	1.29	1.93	1.51	1.89	6.22	3.00	--

TABLE 2E(A)

Average Number of Days Per Trip Spent in Each DNR Region for Each Species Hunted

REGION	Bear	Deer	Duck	Fox	Geese	Ruffed or Spruce Grouse	Sharptail Grouse	Unspecified Grouse	Partridge	Pheasant	Rabbit	Squirrel
1	3.67	2.77	2.48	1.99	2.44	2.30	2.14	2.44	3.10	2.10	2.14	1.99
2	2.62	3.06	2.23	1.50	2.75	2.33	1.00	1.84	2.09	1.37	1.97	1.16
3	4.33	2.80	2.04	1.47	3.03	1.78	5.00	1.84	2.34	1.95	1.98	2.17
4	-	1.98	1.93	2.85	1.63	1.00	-	1.42	2.01	2.00	1.89	1.94
5	-	2.82	2.51	2.00	1.32	2.04	-	1.44	2.16	1.80	2.42	3.55
6	-	1.83	1.76	-	-	1.22	-	1.43	2.00	1.65	2.29	2.36

TABLE 2E(B)

Average Number of Days Per Hunter Spent in Each DNR Region for Each Species Hunted

REGION	Bear	Deer	Duck	Fox	Geese	Ruffed or Spruce Grouse	Sharptail Grouse	Unspecified Grouse	Partridge	Pheasant	Rabbit	Squirrel
1	3.67	4.07	3.58	3.70	3.02	3.24	1.88	3.15	2.96	1.98	2.56	1.48
2	4.73	4.87	4.41	1.51	2.40	4.44	1.00	1.82	3.20	.93	7.28	2.31
3	4.41	3.66	3.45	1.53	2.98	2.95	5.09	4.01	3.23	2.91	2.65	1.81
4	11.01	3.64	4.90	4.21	3.73	.80	--	2.11	4.23	3.35	3.03	3.18
5	--	4.40	4.48	1.50	2.37	4.11	--	1.97	2.87	2.66	2.98	4.15
6	--	3.90	3.15	--	--	1.11	--	1.67	2.00	2.55	3.95	5.07

TABLE 3E

ORIGIN AND DESTINATION DNR REGIONS FOR BEAR HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	1	2	3	4	5	6	ROW TOTAL
ROW PCT	1	2	3	4	5	6	
COL PCT	1	2	3	4	5	6	
1	84	0	0	0	0	0	84
	100.0	0.0	0.0	0.0	0.0	0.0	6.5
	47.3	0.0	0.0	0.0	0.0	0.0	
2	94	156	143	126	211	279	1008
	9.3	15.5	14.2	12.5	20.9	27.7	78.5
	52.7	100.0	42.7	100.0	100.0	100.0	
3	0	0	134	0	0	0	134
	0.0	0.0	100.0	0.0	0.0	0.0	10.5
	0.0	0.0	40.2	0.0	0.0	0.0	
4	0	0	58	0	0	0	58
	0.0	0.0	100.0	0.0	0.0	0.0	4.5
	0.0	0.0	17.2	0.0	0.0	0.0	
COLUMN TOTAL	178	156	335	126	211	279	1284
TOTAL	13.8	12.2	26.1	9.8	16.4	21.7	100.0

TABLE 4E

ORIGIN AND DESTINATION DNR REGIONS FOR DEER HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	1	2	3	4	5	6	ROW TOTAL
ROW PCT	1	2	3	4	5	6	
COL PCT	1	2	3	4	5	6	
1	10118	313	2542	2024	632	5574	21202
	47.7	1.5	12.0	9.5	3.0	26.3	20.9
	90.7	1.9	16.7	17.2	7.1	14.7	
2	513	15005	3233	1186	843	11705	32485
	1.6	46.2	10.0	3.7	2.6	36.0	32.0
	4.6	90.6	21.2	10.1	9.5	30.9	
3	496	313	8849	1402	211	10591	21860
	2.3	1.4	40.5	6.4	1.0	48.4	21.5
	4.4	1.9	58.0	11.9	2.4	27.9	
4	28	782	409	6863	0	4059	12540
	0.2	6.2	3.3	54.7	0.0	35.6	12.4
	0.3	4.7	2.7	58.4	0.0	11.8	
5	0	156	0	115	7164	2230	9664
	0.0	1.6	0.0	1.2	74.1	23.1	9.5
	0.0	0.9	0.0	1.0	81.0	5.9	
6	0	0	224	168	0	3344	3736
	0.0	0.0	6.0	4.5	0.0	89.5	3.7
	0.0	0.0	1.5	1.4	0.0	8.8	
COLUMN TOTAL	11155	16568	15257	11757	8849	37903	101890
	11.0	16.3	15.0	11.6	8.7	37.3	100.0

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TABLE 5E

ORIGIN AND DESTINATION DNR REGIONS FOR DUCK HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	ROW PCT	COL PCT	REGION OF RESIDENCE						ROW TOTAL										
			1	2	3	4	5	6											
1	8193	44.7	95.0	0	0.0	20.8	237	1.3	3.1	211	1.2	7525	41.1	18319	21.9				
2	242	2.1	2.8	5314	45.9	82.9	335	2.9	3.2	312	2.7	632	5.5	4738	11573	13.8			
3	0	0.0	0.0	782	3.5	12.2	6724	30.1	64.8	388	1.7	1896	8.5	12541	22331	26.7			
4	94	0.5	1.1	156	0.9	2.4	778	4.3	7.5	11226	61.5	421	2.3	5574	18209	21.8			
5	0	0.0	0.0	156	2.7	2.4	294	5.0	2.8	0	0.0	3161	54.1	2230	5840	7.0			
6	94	1.3	1.1	0	0.0	0.9	90	1.2	0.9	459	6.1	421	5.6	6410	7473	8.9			
COLUMN TOTAL	8622	10.3		6408	7.6		10374	12.4		12622	15.1		6742	8.0		39018	46.6	83787	100.0

TABLE 6E

ORIGIN AND DESTINATION DNR REGIONS FOR FOX HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	I	1	I	3	I	4	I	5	I	6	I	ROW TOTAL
1	I	867	I	196	I	107	I	0	I	0	I	1170
	I	74.1	I	16.8	I	9.1	I	0.0	I	0.0	I	19.5
	I	100.0	I	14.9	I	4.7	I	0.0	I	0.0	I	
2	I	0	I	0	I	144	I	0	I	0	I	144
	I	0.0	I	0.0	I	100.0	I	0.0	I	0.0	I	2.4
	I	0.0	I	0.0	I	6.4	I	0.0	I	0.0	I	
3	I	0	I	846	I	72	I	211	I	0	I	1129
	I	0.0	I	74.9	I	6.4	I	18.7	I	0.0	I	18.8
	I	0.0	I	64.5	I	3.2	I	16.7	I	0.0	I	
4	I	0	I	271	I	1944	I	211	I	279	I	2704
	I	0.0	I	10.0	I	71.9	I	7.8	I	10.3	I	45.1
	I	0.0	I	20.6	I	85.7	I	16.7	I	100.0	I	
5	I	0	I	0	I	0	I	843	I	0	I	843
	I	0.0	I	0.0	I	0.0	I	100.0	I	0.0	I	14.1
	I	0.0	I	0.0	I	0.0	I	66.7	I	0.0	I	
COLUMN		867		1312		2267		1264		279		5990
TOTAL		14.5		21.9		37.9		21.1		4.7		100.0

TABLE 7E

ORIGIN AND DESTINATION DNR REGIONS FOR GOOSE HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	1	2	3	4	5	6	ROW TOTAL
ROW PCT							
COL PCT							
1	2774	313	614	266	211	2230	6407
	43.3	4.9	9.6	4.1	3.3	34.8	22.4
	75.6	33.3	28.1	3.0	7.7	21.6	
2	0	313	0	72	0	836	1221
	0.0	25.6	0.0	5.9	0.0	68.5	4.3
	0.0	33.3	0.0	0.8	0.0	8.1	
3	0	0	727	303	0	279	1308
	0.0	0.0	55.6	23.1	0.0	21.3	4.6
	0.0	0.0	33.2	3.4	0.0	2.7	
4	897	156	846	8135	0	6410	16444
	5.5	1.0	5.1	49.5	0.0	39.0	57.5
	24.4	16.7	38.7	92.7	0.0	62.2	
5	0	156	0	0	2528	279	2963
	0.0	5.3	0.0	0.0	85.3	9.4	10.4
	0.0	16.7	0.0	0.0	92.3	2.7	
6	0	0	0	0	0	279	279
	0.0	0.0	0.0	0.0	0.0	100.0	1.0
	0.0	0.0	0.0	0.0	0.0	2.7	
COLUMN TOTAL	3671	938	2186	8776	2739	10312	28622
	12.8	3.3	7.6	30.7	9.6	36.0	100.0

TABLE 8E

ORIGIN AND DESTINATION DNR REGIONS FOR RUFFED OR SPRUCE GROUSE HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	I	ROW PCT	I	COL PCT	I	REGION OF RESIDENCE						ROW TOTAL		
						1	2	3	4	5	6			
1	I	5308	I	156	I	315	I	345	I	211	I	2230	I	8565
	I	62.0	I	1.8	I	3.7	I	4.0	I	2.5	I	26.0	I	17.8
	I	89.3	I	1.8	I	4.5	I	23.8	I	9.1	I	9.8	I	
2	I	299	I	8284	I	1556	I	336	I	843	I	8918	I	20236
	I	1.5	I	40.9	I	7.7	I	1.7	I	4.2	I	44.1	I	42.0
	I	5.0	I	96.4	I	22.2	I	23.1	I	36.4	I	39.0	I	
3	I	94	I	0	I	5036	I	717	I	632	I	9197	I	15676
	I	0.6	I	0.0	I	32.1	I	4.6	I	4.0	I	58.7	I	32.6
	I	1.6	I	0.0	I	72.0	I	49.4	I	27.3	I	40.2	I	
4	I	55	I	156	I	0	I	53	I	0	I	0	I	264
	I	20.7	I	59.2	I	0.0	I	20.2	I	0.0	I	0.0	I	0.5
	I	0.9	I	1.8	I	0.0	I	3.7	I	0.0	I	0.0	I	
5	I	0	I	0	I	0	I	0	I	632	I	1394	I	2026
	I	0.0	I	0.0	I	0.0	I	0.0	I	31.2	I	68.8	I	4.2
	I	0.0	I	0.0	I	0.0	I	0.0	I	27.3	I	6.1	I	
6	I	187	I	0	I	90	I	0	I	0	I	1115	I	1392
	I	13.5	I	0.0	I	6.4	I	0.0	I	0.0	I	80.1	I	2.9
	I	3.2	I	0.0	I	1.3	I	0.0	I	0.0	I	4.9	I	
COLUMN TOTAL		5942		6597		6997		1452		2318		22653		48158
		12.3		17.9		14.5		3.0		4.8		47.5		100.0

TABLE 9E

ORIGIN AND DESTINATION DNR REGIONS FOR SHARPTAIL GROUSE HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	1	2	3	4	6	ROW TOTAL
1	778	313	271	115	1115	2591
ROW PCT	30.0	12.1	10.4	4.4	43.0	79.5
COL PCT	100.0	33.3	85.8	100.0	100.0	
2	0	625	0	0	0	625
ROW PCT	0.0	100.0	0.0	0.0	0.0	19.2
COL PCT	0.0	66.7	0.0	0.0	0.0	
3	0	0	45	0	0	45
ROW PCT	0.0	0.0	100.0	0.0	0.0	1.4
COL PCT	0.0	0.0	14.2	0.0	0.0	
COLUMN TOTAL	778	938	315	115	1115	3261
TOTAL	23.9	28.8	9.7	3.5	34.2	100.0

TABLE 10E

ORIGIN AND DESTINATION DNR REGIONS FOR UNSPECIFIED GROUSE HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	REGION OF RESIDENCE												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	
1	3072	156	818	507	421	1951							6925
ROW PCT	44.4	2.3	11.8	7.3	6.1	28.2							14.7
COL PCT	90.9	1.9	12.9	31.4	11.8	8.1							
2	0	7971	576	115	0	4738							13400
ROW PCT	0.0	59.5	4.3	0.9	0.0	35.4							28.4
COL PCT	0.0	96.2	9.1	7.1	0.0	19.8							
3	187	0	4872	489	421	13378							19347
ROW PCT	1.0	0.0	25.2	2.5	2.2	69.1							41.0
COL PCT	5.5	0.0	77.0	30.3	11.8	55.8							
4	122	0	58	505	0	279							963
ROW PCT	12.6	0.0	6.0	52.4	0.0	26.9							2.0
COL PCT	3.6	0.0	0.9	31.2	0.0	1.2							
5	0	156	0	0	2739	1672							4568
ROW PCT	0.0	3.4	0.0	0.0	60.0	35.6							9.7
COL PCT	0.0	1.9	0.0	0.0	76.5	7.0							
6	0	0	0	0	0	1951							1951
ROW PCT	0.0	0.0	0.0	0.0	0.0	100.0							4.1
COL PCT	0.0	0.0	0.0	0.0	0.0	8.1							
COLUMN TOTAL	3381	8284	6323	1616	3582	23968							47154
TOTAL	7.2	17.6	13.4	3.4	7.6	50.8							100.0

TABLE 11E

ORIGIN AND DESTINATION DNR REGIONS FOR PARTRIDGE HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	I	ROW PCT	I	COL PCT	I	REGION OF RESIDENCE						ROW TOTAL					
						1	2	3	4	5	6						
1	1232	66.4	95.8	0	0	0	65	3.5	1.5	0	557	1855					
				0.0	0.0	0.0		0.0	0.0	0.0	30.1	10.2					
				0.0	0.0	0.0		0.0	0.0	0.0	11.8						
2	0	0.0	0.0	4064	71.3	92.9	58	1.0	3.3	0	1394	5702					
											24.4	31.4					
											29.4						
3	0	0.0	0.0	0	0.0	0.0	1104	41.1	4.3	0	1394	2684					
											51.9	14.8					
											29.4						
4	55	1.0	4.2	313	5.9	7.1	548	10.3	31.2	3860	89.8	557	5332				
											0.0	10.5	29.4				
											0.0	11.8					
5	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	1686	85.8	279	1964				
											10.2	10.8					
											5.9						
6	0	0.0	0.0	0	0.0	0.0	45	7.4	2.6	0	557	602					
											92.6	3.3					
											11.8						
COLUMN TOTAL	1287	7.1		4376	24.1		1753	9.7		4299	23.7	1686	9.3	4738	20.1	18139	100.0

TABLE 12E

ORIGIN AND DESTINATION DNR REGIONS FOR MOOSE HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	I				I				ROW
ROW PCT	I				I				TOTAL
COL PCT	I				I				
	1	2	3	4	1	2	3	4	
1	203	0	196	72	471				
	43.1	0.0	41.6	15.3	64.9				
	100.0	0.0	66.7	100.0					
2	0	156	0	0	156				
	0.0	100.0	0.0	0.0	21.5				
	0.0	100.0	0.0	0.0					
4	0	0	98	0	98				
	0.0	0.0	100.0	0.0	13.5				
	0.0	0.0	33.3	0.0					
COLUMN TOTAL	203	156	294	72	725				
	28.0	21.5	40.5	10.0	100.0				

TABLE 13E

ORIGIN AND DESTINATION DNR REGIONS FOR PHEASANT HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	1	2	3	4	5	6	ROW TOTAL
ROW PCT							
COL PCT							
1	1822	156	409	151	0	1394	3932
	46.3	4.0	10.4	3.8	0.0	35.4	5.0
	80.3	16.7	5.9	1.0	0.0	3.2	
2	0	156	0	144	0	557	858
	0.0	18.2	0.0	16.8	0.0	69.0	1.1
	0.0	16.7	0.0	1.0	0.0	1.3	
3	94	0	3702	312	0	5853	9961
	0.9	0.0	37.2	3.1	0.0	58.8	12.8
	4.1	0.0	53.3	2.1	0.0	13.6	
4	165	469	1913	13583	0	8918	25048
	0.7	1.9	7.6	54.2	0.0	35.6	32.1
	7.3	50.0	27.5	90.3	0.0	20.8	
5	94	156	588	187	9903	10869	21797
	0.4	0.7	2.7	0.9	45.4	49.9	27.9
	4.1	16.7	8.5	1.2	100.0	25.3	
6	94	0	335	657	0	15328	16413
	0.6	0.0	2.0	4.0	0.0	93.4	21.0
	4.1	0.0	4.8	4.4	0.0	35.7	
COLUMN TOTAL	2268	938	6947	15034	9903	42920	78009
TOTAL	2.9	1.2	8.9	19.3	12.7	55.0	100.0

TABLE 14E

ORIGIN AND DESTINATION DNR REGIONS FOR RABBIT HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	I						ROW TOTAL
ROW PCT	I						
COL PCT	I						
	1	2	3	4	5	6	
1	1115	313	98	115	0	279	1919
	58.1	16.3	5.1	6.0	0.0	14.5	100.0
	97.6	11.1	4.0	3.6	0.0	3.7	
2	0	2501	490	72	0	1951	5014
	0.0	49.9	9.8	1.4	0.0	38.9	27.2
	0.0	88.9	19.9	2.2	0.0	25.9	
3	0	0	1395	115	211	1951	3672
	0.0	0.0	38.0	3.1	5.7	53.1	19.9
	0.0	0.0	56.6	3.6	16.7	25.9	
4	28	0	386	2807	211	557	3989
	0.7	0.0	9.7	70.4	5.3	14.0	21.6
	2.4	0.0	15.6	87.1	16.7	7.4	
5	0	0	98	0	843	279	1220
	0.0	0.0	8.0	0.0	69.1	22.9	6.6
	0.0	0.0	4.0	0.0	66.7	3.7	
6	0	0	0	115	0	2508	2623
	0.0	0.0	0.0	4.4	0.0	95.6	14.2
	0.0	0.0	0.0	3.6	0.0	33.3	
COLUMN TOTAL	1143	2813	2467	3224	1264	7525	18436
	6.2	15.3	13.4	17.5	6.9	40.8	100.0

TABLE 15E

ORIGIN AND DESTINATION DNR REGIONS FOR SQUIRREL HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	REGION HUNTED IN						REGION OF RESIDENCE						ROW TOTAL	
	1	2	3	4	5	6	1	2	3	4	5	6		
1	960	0	58	147	211	279	1655	58.0	0.0	3.5	8.9	12.7	16.8	8.7
	82.4	0.0	1.9	4.1	5.6	4.2								
2	0	625	45	0	0	279	949	0.0	65.9	4.7	0.0	0.0	29.4	5.0
	0.0	80.0	1.5	0.0	0.0	4.2								
3	206	0	2755	107	0	2787	5854	3.5	0.0	47.1	1.8	0.0	47.6	30.8
	17.6	0.0	93.2	3.0	0.0	41.7								
4	0	0	0	3240	211	836	4286	0.0	0.0	0.0	75.6	4.9	19.5	22.6
	0.0	0.0	0.0	89.8	5.6	12.5								
5	0	156	98	0	3371	279	3904	0.0	4.0	2.5	0.0	86.3	7.1	20.6
	0.0	20.0	3.3	0.0	88.9	4.2								
6	0	0	0	115	0	2230	2344	0.0	0.0	0.0	4.9	0.0	95.1	12.3
	0.0	0.0	0.0	3.2	0.0	33.3								
COLUMN TOTAL	1166	782	2955	3608	3793	6689	18992	6.1	4.1	15.6	19.0	20.0	35.2	100.0

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TABLE 15E

ORIGIN AND DESTINATION DNR REGIONS FOR WOODCOCK HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	1	2	3	4	5	6	ROW TOTAL
1	137	0	58	115	0	557	867
ROW PCT	15.8	0.0	6.6	13.2	0.0	64.3	11.5
COL PCT	83.1	0.0	9.0	77.9	0.0	9.5	
2	28	313	143	0	0	836	1320
ROW PCT	2.1	23.7	10.8	0.0	0.0	63.4	17.5
COL PCT	16.9	100.0	22.3	0.0	0.0	14.3	
3	0	0	441	33	0	4181	4654
ROW PCT	0.0	0.0	9.5	0.7	0.0	89.8	61.7
COL PCT	0.0	0.0	68.8	22.1	0.0	71.0	
5	0	0	0	0	421	0	421
ROW PCT	0.0	0.0	0.0	0.0	100.0	0.0	5.6
COL PCT	0.0	0.0	0.0	0.0	100.0	0.0	
6	0	0	0	0	0	279	279
ROW PCT	0.0	0.0	0.0	0.0	0.0	100.0	3.7
COL PCT	0.0	0.0	0.0	0.0	0.0	4.8	
COLUMN TOTAL	165	313	642	147	421	5853	7541
TOTAL	2.2	4.1	8.5	2.0	5.6	77.6	100.0

TABLE 17E

ORIGIN AND DESTINATION DNR REGIONS FOR SMALL GAME HUNTING TRIPS

REGION HUNTED IN

REGION OF RESIDENCE

COUNT	1	3	4	5	ROW TOTAL
ROW PCT					
COL PCT					
1	243	0	0	0	243
	100.0	0.0	0.0	0.0	15.2
	100.0	0.0	0.0	0.0	
3	0	188	0	0	188
	0.0	100.0	0.0	0.0	11.7
	0.0	100.0	0.0	0.0	
4	0	0	542	0	542
	0.0	0.0	100.0	0.0	33.8
	0.0	0.0	100.0	0.0	
5	0	0	0	632	632
	0.0	0.0	0.0	100.0	39.4
	0.0	0.0	0.0	100.0	
COLUMN TOTAL	243	188	542	632	1605
TOTAL	15.2	11.7	33.8	39.4	100.0

APPENDIX F

COMPARISON OF AGE CLASS DISTRIBUTIONS OF HUNTERS IN MINNESOTA WITH AGE
CLASS DISTRIBUTIONS OF THOSE HUNTERS RETURNING QUESTIONNAIRES

TABLE 1F

COMPARISON OF AGE CLASS DISTRIBUTIONS OF HUNTERS IN MINNESOTA WITH AGE CLASS DISTRIBUTIONS OF THOSE HUNTERS RETURNING QUESTIONNAIRE

AGE CLASSES	HUNTERS IN MINNESOTA	HUNTERS WHO RETURNED THE QUESTIONNAIRE	75% CONFIDENCE INTERVALS
10 - 14	13.4	6.5	.8
15 - 19	16.1	11.6	1.2
20 - 24	10.0	9.8	1.0
25 - 29	10.0	16.4	1.2
30 - 34	8.7	13.4	1.2
35 - 39	7.9	9.4	.9
40 - 44	7.4	6.1	.8
45 - 49	5.7	5.5	.7
50 - 54	5.4	6.2	.8
55 - 59	4.8	5.0	.7
60 - 64	4.3	3.7	.6
65+	6.4	5.9	.8

There are 3 age classes where the questionnaire return percent is significantly different from the percent of all hunters in Minnesota. The 10-14 age group was under-represented and the 25-29 and 30-34 age groups were over-represented. There are two possible reasons why this occurred: (1) the 10-14 year olds were not sampled heavily enough or they failed to return the questionnaire (or both); (2) the 25-29 and 30-34 year olds were over sampled or they returned their questionnaires more frequently (or both). This should be kept in mind when analyzing and applying the data in this report.

APPENDIX G

COMPARISON OF HUNTING/FISHING LICENSES: SURVEY vs. STATE

TABLE 1G

Comparison of Hunting/Fishing Licenses: Survey vs. State

LICENSE	% SURVEY TOTAL	% ACTUAL STATE TOTAL
Deer/Firearms	19%	19%
Deer/Bow and arrow	3%	2%
Bear	.7%	.3%
Small game	24%	21%
Beaver	.5%	.6%
Trapping	1%	.1%
Duck stamp (state)	13%	8%
Fishing (all combined)	34%	41%
Spearing	5%	8%
Wild ricing	.5%	.6%

