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1999-2000 Illinois Hunter Harvest Report



December 31, 2000

Illinois Natural History Survey

Illinois Department of Natural Resources
Division of Wildlife Resources



1999-2000 Illinois Hunter Harvest Survey

**FEDERAL AID IN WILDLIFE RESTORATION ACT
PROJECT NUMBER W-112-R-9
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**JOB COMPLETION REPORT
HUNTER HARVEST AND
HUMAN DIMENSIONS RESEARCH PROGRAM
STATE OF ILLINOIS**

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^a WMU = Wildlife Management Unit

^b AR = Administrative Region

1999-2000 Illinois Hunter Harvest Report

Objective

To survey resident hunters (18-24 game animal hunting categories) annually to determine their activities and harvests in Illinois.

Abstract

A random sample of 3,000 hunters was selected from 1999 Illinois Habitat Stamp stubs and license sales. The sample was evenly divided from each sample frame (1,500 from each frame). Of the sample of 3,000 hunters, 2,853 questionnaires were deliverable. We received 1,808 (63%) returned questionnaires. License sales declined 2.3% during 1999 from 301,000 for the 1998 license year to 294,000 for 1999. Hunter participation, measured both by number of hunters and average days afield per hunter, declined for most upland small game species compared to 1998 season estimates. Although bobwhite quail (*Colinus virginianus*) hunters decreased in number, average days afield increased slightly from 6.57 during 1998 to 6.68 during 1999. More hunters hunted fox squirrels (*Sciurus niger*) during 1999 (83,411) than 1998 (82,998), whereas gray squirrel (*Sciurus carolinensis*) hunters declined from 60,682 during 1998 to 56,095 during the 1999 season.

Methods

Hunters were selected for this survey by a systematic random sampling of purchasers of Illinois resident hunting licenses and state habitat stamps. Of the 3,000 hunters sampled, 1,500 each were selected from license sales and habitat stamp sales. From this sample of 3,000, 147 were deleted due to lack of forwarding address, incorrect address, or death. Participants received a self-administered return mail questionnaire accompanied with cover letter and return envelope. This mailing was followed 10 days later with a thank you/reminder postcard to nonrespondents. Ten days after the postcard, a second questionnaire, cover letter, and return envelope was mailed to nonrespondents. The second mailing was followed with a postcard thank you/reminder. A total of 1,903

(67%) hunters responded. Methods for survey questionnaire mailings and follow-up reminders followed those of Miller et al. (1999). Data were entered into dBase IV and analysis conducted using SPSS 10.0. Estimates for species harvests, hunters, and days afield were made using formulas discussed by Anderson et al. 1993.

Results

License Sales

Resident license sales for the 1999-2000 hunting seasons totaled 294,000 and represented a 2.3% decline from 1998 sales. Total license sales were the lowest in Illinois since 1943 and represent the second lowest license sales since 1938 (Table 1).

Resident hunting licenses were purchased mainly at national retail chain stores (39%) and local sporting good stores (34%). Slightly less than one-third of hunters reported they preferred to pay the current fee for a resident hunting license (\$7.00), whereas 69% reported they would be willing to pay more for a resident Illinois hunting license (Appendix F).

Harvest

Harvest figures represent game species harvests for Illinois residents and do not include nonresident harvests. Including nonresident harvests for species such as mourning doves (*Zenaidura macroura*) may result in larger total harvests. Harvest for large game (i.e. white-tailed deer and eastern wild turkey) species are not included in this report. The reader is directed to Illinois Department of Natural Resources publications specific to these species.

Results suggest a decline in harvest and days afield for most small game species. The lone exception to this trend was a 413-day increase in participation in fox squirrel hunting; as this figure represents an increase of only 0.005%, it is deemed to fall within the margin of standard error and thus should be accepted with caution.

Hunter Attitudes

Use of State Sites. Less than one-fourth of hunters (24%) hunted on state-owned property during 1999-2000. Of those using state sites, 59% were required to obtain a site permit. A majority of hunters (59%) felt procedures for obtaining site permits should be uniform for all sites. Most hunters (54%) reported regulations that differ from site to site were confusing. When asked if they would favor one permit good for all state sites, 56% of hunters agreed. Most hunters (62%) held the opinion that requiring site permits makes it impossible to decide to hunt a state site on the spur of the moment. A majority of hunters (52%) believe that, given licenses, permits, tags, and FOID cards they have too many papers to carry while hunting state sites. For many of the items related to attitudes toward state sites, hunters were neutral. When asked about the ease of finding information about specific site regulations, 43% of hunters rated the process somewhat to very difficult. Most hunters (62%) rated the ability to obtain a site permit the day before a hunt as somewhat to very difficult. Hunters were split on the ease of obtaining site permits prior to hunting season: 37% rated the process as somewhat to very easy and 32% rated it as somewhat to very difficult. (See Appendix F, pages 54-69).

Hunter Activity Related to Special Hunts. Few hunters (15%) reported applying for special hunt permits (i.e. special site hunts, controlled hunts, free upland hunts, duck blinds, and goose permits) during the 1999-2000 season. The most popular of these permits was the special deer permit, followed by duck blinds and free upland hunts. Of hunters successful in securing a permit (30% of those who applied), 49% received a deer permit, and 27% received pheasant permits. A minority of hunters (13%) apply for permits every year, and a majority of hunters (69%) apply rarely. Few hunters (13%) have ever received a waterfowl, free upland, or controlled hunt permit. Slightly more than one-third of hunters (35%) have missed a deadline for a permit they desired; 37% of Illinois hunters rated the process for getting free upland permits as somewhat to very easy, and 47% of hunters felt the application process for special hunts was somewhat to very easy. (See Appendix F, pages 54-69).

References

Anderson, W.L. and L.K. Campbell. 1993. Results of the 1992 Illinois Hunter Harvest Survey. Illinois Natural History Survey. Champaign, IL.

Miller, C.A., L.K. Campbell and K.D. Caldwell. 1999. Results of the 1998 Hunter Harvest Survey. Illinois Natural History Survey. Champaign, IL.

Table 1. Number of resident hunting licenses purchased in Illinois, 1938-1999.

Year	Licenses (x 1,000)	Year	Licenses (x 1,000)
1938	294	1969	427
1939	322	1970	448
1940	297	1971	464
1941	337	1972	446
1942	309	1973	478
1943	265	1974	470
1944	308	1975	463
1945	321	1976	458
1946	423	1977	424
1947	412	1978	389
1948	451	1979	344 ^a
1949	497	1980	337
1950	481	1981	338
1951	477	1982	328
1952	493	1983	315
1953	508	1984	310
1954	506	1985	307
1955	521	1986	311
1956	553	1987	317
1957	503	1988	323
1958	502	1989	317
1959	492	1990	330
1960	471	1991	336
1961	463	1992	317
1962	473	1993	313
1963	482	1994	326 ^b
1964	474	1995	324
1965	452	1996	316
1966	470	1997	305
1967	481	1998	301
1968	399	1999	294

^aIncludes Sportsmen's (combination hunting/fishing) licenses beginning in 1979, which was the 1st year for this license.

^bIncludes senior citizen (≥ 65 years) hunting licenses beginning in 1994, which was the 1st year for this license.

Table 2. Summary of Statewide Data from the 1999 Hunter Harvest Survey (n=1,808).

Species	Total Estimated Hunters	Percent of License Sales	Average Bag		Total Estimated Harvest	Days Afield	
			Daily	Season		Average	Total
Rabbit	86,826	29.54%	0.96	4.73	411,040	4.93	427,787
Quail	47,803	16.26%	1.33	8.91	425,836	6.68	319,174
Pheasant	54,469	18.53%	0.48	2.54	138,368	5.24	285,517
Dove	58,209	19.80%	3.98	17.56	1,022,235	4.41	256,575
Gray Partridge	650	0.22%	0.18	0.75	488	4.25	2,764
Woodcock	2,114	0.72%	0.46	2.38	5,040	5.15	10,894
Fox Squirrel	83,411	28.37%	1.14	7.28	607,618	6.39	532,986
Gray Squirrel	56,095	19.08%	0.90	6.35	356,083	7.05	395,268
Raccoon	15,447	5.25%	1.26	17.88	276,249	14.17	218,853
Red Fox	3,089	1.05%	0.12	1.00	3,089	8.68	26,828
Gray Fox	813	0.28%	0.00	0.00	0	6.20	5,040
Coyote	31,056	10.56%	0.31	2.89	89,752	9.43	292,834
Opossum	2,276	0.77%	0.53	5.29	12,032	9.93	22,601

Table 3. Estimated Number (\pm 95% confidence interval) of Resident Licensed Hunters and Harvest in Illinois, 1999 (n=1,808).

Species	Total Estimated Hunters	Estimated Average Season Bag	Total Estimated Harvest
Rabbit	86,826 \pm 6,308	4.73 \pm 0.56	411,040 \pm 57,969
Quail	47,803 \pm 5,102	8.91 \pm 2.50	425,836 \pm 129,708
Pheasant	54,469 \pm 5,372	2.54 \pm 0.46	138,368 \pm 29,004
Dove	58,209 \pm 5,510	17.56 \pm 2.17	1,022,235 \pm 160,753
Gray Partridge	650 \pm 650	0.75 \pm 1.47	488 \pm 976
Woodcock	2,114 \pm 1,168	2.38 \pm 2.78	5,040 \pm 6,360
Fox Squirrel	83,411 \pm 6,233	7.28 \pm 0.90	607,618 \pm 88,616
Gray Squirrel	56,095 \pm 5,433	6.35 \pm 0.97	356,083 \pm 65,050
Raccoon	15,447 \pm 3,085	17.88 \pm 4.86	276,249 \pm 93,995
Red Fox	3,089 \pm 1,410	1.00 \pm 1.14	3,089 \pm 3,733
Gray Fox	813 \pm 726	0.00 \pm 0.00	0 \pm 0
Coyote	31,056 \pm 4,250	2.89 \pm 1.16	89,752 \pm 38,553
Opossum	2,276 \pm 1,212	5.29 \pm 2.83	12,032 \pm 8,987

Table 4. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Rabbit (534)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	7,805	8.99	0.95	4.83	37,722	39,511
Northeast Moraine	813	0.94	0.39	1.80	1,463	3,740
Mississippi Border-North	6,016	6.93	0.86	3.05	18,373	21,463
Mississippi Border-South	14,308	16.48	1.15	5.34	76,420	66,176
Western Prairie/Forest	10,406	11.99	0.78	4.25	44,226	56,746
Central Sand Prairie	2,114	2.43	1.60	4.92	10,406	6,504
Grand Prairie	24,064	27.72	0.71	3.45	82,923	117,231
Southern Plain	14,634	16.85	1.26	6.78	99,183	78,533
Wabash Border	3,577	4.12	1.26	7.41	26,503	20,975
Shawnee Hills	1,626	1.87	0.79	5.30	8,618	10,894
Unknown	1,463	1.69	0.86	3.56	5,203	6,016

Table 5. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Quail (294)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	2,114	4.42	0.53	4.08	8,618	16,260
Northeast Moraine	163	0.34	0.60	3.00	488	813
Mississippi Border-North	3,577	7.48	0.79	5.68	20,324	25,690
Mississippi Border-South	8,943	18.71	1.20	7.25	64,875	54,144
Western Prairie/Forest	6,179	12.93	0.88	4.92	30,405	34,470
Central Sand Prairie	1,951	4.08	1.10	5.42	10,569	9,593
Grand Prairie	7,479	15.65	0.57	3.59	26,828	46,665
Southern Plain	12,682	26.53	1.94	13.87	175,928	90,728
Wabash Border	3,252	6.80	1.79	13.30	43,250	24,227
Shawnee Hills	1,138	2.38	2.73	39.00	44,388	16,260
Unknown	325	0.68	0.50	0.50	163	325

Table 6. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	7,479	13.73	0.51	3.15	23,576	46,340
Northeast Moraine	2,602	4.78	0.66	3.50	9,105	13,821
Mississippi Border-North	2,764	5.07	0.52	1.53	4,227	8,130
Mississippi Border-South	325	0.60	1.54	10.00	3,252	2,114
Western Prairie/Forest	4,065	7.46	0.25	1.20	4,878	19,511
Central Sand Prairie	2,764	5.07	0.44	1.82	5,040	11,544
Grand Prairie	29,592	54.33	0.45	2.49	73,818	163,408
Southern Plain	2,114	3.88	0.83	3.31	6,992	8,455
Wabash Border	0	0.00	0.00	0.00	0	0
Shawnee Hills	0	0.00	0.00	0.00	0	0
Unknown	2,764	5.07	0.61	2.71	7,479	12,195

Table 7. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Dove (358)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	1,463	2.51	2.74	8.22	12,032	4,390
Northeast Moraine	1,463	2.51	2.59	9.78	14,308	5,528
Mississippi Border-North	3,577	6.15	4.62	15.55	55,607	12,032
Mississippi Border-South	10,081	17.32	4.99	21.24	214,138	42,925
Western Prairie/Forest	4,878	8.38	2.22	9.70	47,315	21,300
Central Sand Prairie	4,065	6.98	7.83	24.12	98,045	12,520
Grand Prairie	16,747	28.77	3.64	19.26	322,588	88,614
Southern Plain	9,918	17.04	4.28	17.69	175,440	40,974
Wabash Border	2,276	3.91	4.07	19.50	44,388	10,894
Shawnee Hills	1,789	3.07	1.87	14.27	25,527	13,658
Unknown	1,951	3.35	3.43	6.58	12,845	3,740

Table 8. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Gray Partridge (4)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	325	50.00	0.00	0	1,301
Northeast Moraine	163	25.00	0.60	488	813
Mississippi Border-North	0	0.00	0.00	0	0
Mississippi Border-South	0	0.00	0.00	0	0
Western Prairie/Forest	0	0.00	0.00	0	0
Central Sand Prairie	0	0.00	0.00	0	0
Grand Prairie	163	25.00	0.00	0	650
Southern Plain	0	0.00	0.00	0	0
Wabash Border	0	0.00	0.00	0	0
Shawnee Hills	0	0.00	0.00	0	0
Unknown	0	0.00	0.00	0	0

Table 9. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Woodcock (13)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	163	7.69	0.00	0.00	0	325
Northeast Moraine	163	7.69	1.00	1.00	163	163
Mississippi Border-North	0	0.00	0.00	0.00	0	0
Mississippi Border-South	650	30.77	0.77	5.00	3,252	4,227
Western Prairie/Forest	163	7.69	2.00	2.00	325	163
Central Sand Prairie	0	0.00	0.00	0.00	0	0
Grand Prairie	488	23.08	0.60	1.00	488	813
Southern Plain	325	15.38	0.50	0.50	163	325
Wabash Border	0	0.00	0.00	0.00	0	0
Shawnee Hills	163	7.69	0.13	4.00	650	4,878
Unknown	0	0.00	0.00	0.00	0	0

Table 10. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Fox Squirrel (513)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	5,691	6.82	1.36	45,201	33,169
Northeast Moraine	488	0.58	0.45	1,463	3,252
Mississippi Border-North	6,992	8.38	1.50	43,738	29,105
Mississippi Border-South	14,146	16.96	0.93	108,776	117,068
Western Prairie/Forest	12,195	14.62	1.53	118,044	77,395
Central Sand Prairie	2,764	3.31	1.09	13,495	12,357
Grand Prairie	18,048	21.64	1.15	116,418	100,971
Southern Plain	15,121	18.13	1.15	115,930	100,971
Wabash Border	4,227	5.07	1.09	21,463	19,674
Shawnee Hills	1,951	2.34	0.65	13,008	20,162
Unknown	1,789	2.14	0.53	10,081	18,861

Table 11. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Gray Squirrel (345)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	4,553	8.12	0.63 2.86	13,008	20,812
Northeast Moraine	488	0.87	1.64 15.33	7,479	4,553
Mississippi Border-North	3,252	5.80	0.89 3.30	10,731	12,032
Mississippi Border-South	11,219	20.00	0.93 8.80	98,695	106,662
Western Prairie/Forest	6,016	10.72	0.92 5.95	35,771	38,698
Central Sand Prairie	976	1.74	0.53 2.67	2,602	4,878
Grand Prairie	8,618	15.36	0.61 3.75	32,356	52,681
Southern Plain	13,821	24.64	1.13 8.29	114,629	101,134
Wabash Border	3,252	5.80	0.91 4.20	13,658	14,959
Shawnee Hills	2,439	4.35	0.77 6.73	16,422	21,463
Unknown	1463	2.61	0.62 7.33	10,731	17,398

Table 12. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Raccoon (95)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	2,276	14.74	2.23	64,062	28,779
Northeast Moraine	0	0.00	0.00	0	0
Mississippi Border-North	1,789	11.58	1.98	32,844	16,585
Mississippi Border-South	2,602	16.84	1.05	31,869	30,405
Western Prairie/Forest	2,114	13.68	1.20	55,120	45,852
Central Sand Prairie	325	2.11	0.37	3,577	9,756
Grand Prairie	3,089	20.00	1.39	39,673	28,617
Southern Plain	1,463	9.47	0.88	22,763	25,853
Wabash Border	976	6.32	0.61	11,056	18,211
Shawnee Hills	650	4.21	1.03	15,121	14,634
Unknown	163	1.05	1.00	163	163

Table 13. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Red Fox (19)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	813	26.32	0.07	0.60	488	6992
Northeast Moraine	0	0.00	0.00	0.00	0	0
Mississippi Border-North	0	0.00	0.00	0.00	0	0
Mississippi Border-South	488	15.79	0.05	0.33	163	3577
Western Prairie/Forest	0	0.00	0.00	0.00	0	0
Central Sand Prairie	0	0.00	0.00	0.00	0	0
Grand Prairie	1138	36.84	0.18	2.14	2439	13333
Southern Plain	488	15.79	0.00	0.00	0	2602
Wabash Border	163	5.26	0.00	0.00	0	325
Shawnee Hills	0	0.00	0.00	0.00	0	0
Unknown	0	0.00	0.00	0.00	0	0

Table 14. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Gray Fox (5)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	0	0.00	0.00	0	0
Northeast Moraine	0	0.00	0.00	0	0
Mississippi Border-North	0	0.00	0.00	0	0
Mississippi Border-South	163	20.00	0.00	0	976
Western Prairie/Forest	0	0.00	0.00	0	0
Central Sand Prairie	0	0.00	0.00	0	0
Grand Prairie	163	20.00	0.00	0	1,626
Southern Plain	325	40.00	0.00	0	2,114
Wabash Border	163	20.00	0.00	0	325
Shawnee Hills	0	0.00	0.00	0	0
Unknown	0	0.00	0.00	0	0

Table 15. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Coyote (191)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily	Average Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	3,252	10.47	0.27	3.80	12,357	45,852
Northeast Moraine	976	3.14	0.18	1.17	1,138	6,504
Mississippi Border-North	3,089	9.95	0.52	4.32	13,333	25,527
Mississippi Border-South	3,252	10.47	0.26	1.65	5,366	20,975
Western Prairie/Forest	4,715	15.18	0.12	1.55	7,317	63,249
Central Sand Prairie	325	1.05	0.33	0.50	163	488
Grand Prairie	8,292	26.70	0.44	3.96	32,844	74,306
Southern Plain	3,252	10.47	0.23	2.15	6,992	30,080
Wabash Border	1,951	6.28	0.39	2.83	5,528	14,308
Shawnee Hills	650	2.09	0.00	0.00	0	2,276
Unknown	1,301	4.19	0.51	3.63	4,715	9,268

Table 16. Summary of 1999 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.

Opossum (14)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	163	7.14	0.00	0.00	0	1,626
Northeast Moraine	0	0.00	0.00	0.00	0	0
Mississippi Border-North	163	7.14	1.00	9.00	1,463	1,463
Mississippi Border-South	325	14.29	0.60	3.00	976	1,626
Western Prairie/Forest	650	28.57	1.23	8.00	5,203	4,227
Central Sand Prairie	0	0.00	0.00	0.00	0	0
Grand Prairie	488	21.43	0.62	2.67	1,301	2,114
Southern Plain	163	7.14	0.58	7.00	1,138	1,951
Wabash Border	0	0.00	0.00	0.00	0	0
Shawnee Hills	325	14.29	0.20	6.00	1,951	9,593
Unknown	0	0.00	0.00	0.00	0	0

Table 17. Percent change in harvests from 1998 to 1999 in Wildlife Management Units for selected species.

Wildlife Management Unit	Rabbit	Quail	Pheasant	Fox Squirrel	Gray Squirrel	Dove	Raccoon	Red Fox	Gray Fox	Coyote
Northwest Hills	13	29	15	33	-30	-53	99	467	--	454
Northeast Moraine	-80	100	-59	-10	107	-46	-100	-100	--	-12
Mississippi Border-North	-36	-17	-46	18	-16	-10	57	--	--	-34
Mississippi Border-South	-31	-6	848	-23	-31	-16	-64	-62	--	-60
Western Prairie Forest	-23	-54	-38	-9	18	-50	66	-100	--	-48
Central Sand Prairie	-25	-16	-49	-60	-67	85	89	--	--	-87
Grand Prairie	-22	-20	-25	-7	4	18	-1	-27	--	15
Southern Plain	-48	-24	-39	-36	-33	-26	-40	-100	--	-62
Mabash Border	-38	-15	-100	-60	-65	-52	-40	--	--	-34
Shawnee Hills	-26	383	--	-40	-72	-41	4	--	-100	-100

Table 18. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Rabbit (534)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	25,365	29.21	0.85	3.79	96,256	113,654
Region 2	3,414	3.93	0.37	1.76	6,016	16,422
Region 3	10,731	12.36	0.82	4.26	45,689	55,933
Region 4	29,430	33.90	1.08	5.43	159,668	147,474
Region 5	16,422	18.91	1.11	5.98	98,207	88,289
Unknown	1,463	1.69	0.86	3.56	5,203	6,016

Table 19. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Quail (294)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	9,593	20.07	0.50	2.75	26,340	52,843
Region 2	813	1.70	0.95	4.00	3,252	3,414
Region 3	2,927	6.12	0.68	4.11	12,032	17,723
Region 4	20,975	43.88	1.15	7.45	156,254	136,255
Region 5	13,170	27.55	2.10	17.30	227,796	108,613
Unknown	325	0.68	0.50	0.50	163	325

Table 20. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Pheasant (335)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	22,926	42.09	0.46	2.41	55,282	120,158
Region 2	6,829	12.54	0.67	4.05	27,641	41,299
Region 3	13,983	25.67	0.34	1.84	25,690	76,094
Region 4	7,317	13.43	0.62	2.93	21,463	34,795
Region 5	650	1.19	0.83	1.25	813	976
Unknown	2,764	5.07	0.61	2.71	7,479	12,195

Table 21. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Dove (358)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	11,382	19.55	3.22	12.41	141,295	43,901
Region 2	4,065	6.98	2.67	12.60	51,217	19,186
Region 3	7,642	13.13	3.34	17.79	135,929	40,649
Region 4	22,276	38.27	5.04	21.93	488,598	96,907
Region 5	10,894	18.72	3.69	17.66	192,350	52,193
Unknown	1,951	3.35	3.43	6.58	12,845	3,740

Table 22. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Gray Partridge (4)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	488	75.00	0.00	0.00	0	1,951
Region 2	163	25.00	0.60	3.00	488	813
Region 3	0	0.00	0.00	0.00	0	0
Region 4	0	0.00	0.00	0.00	0	0
Region 5	0	0.00	0.00	0.00	0	0
Unknown	0	0.00	0.00	0.00	0	0

Table 23. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Woodcock (13)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	163	7.69	0.00	0.00	0	325
Region 2	325	15.38	0.50	1.00	325	650
Region 3	325	15.38	1.00	1.00	325	325
Region 4	813	38.46	0.81	4.40	3,577	4,390
Region 5	488	23.08	0.16	1.67	813	5,203
Unknown	0	0.00	0.00	0.00	0	0

Table 24. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Fox Squirrel (513)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	21,463	25.73	1.37	7.31	156,904	114,304
Region 2	2,114	2.53	0.73	4.15	8,780	12,032
Region 3	8,943	10.72	0.90	5.67	50,730	56,420
Region 4	33,007	39.57	1.26	8.22	271,371	215,438
Region 5	16,097	19.30	0.95	6.82	109,752	115,930
Unknown	1,789	2.14	0.53	5.64	10,081	18,861

Table 25. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Gray Squirrel (345)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	10,406	18.55	0.68	2.89	30,080	44,388
Region 2	1,463	2.61	0.91	6.56	9,593	10,569
Region 3	5,853	10.43	0.62	4.44	26,015	42,275
Region 4	21,625	38.55	1.02	8.31	179,667	176,090
Region 5	15,284	27.25	0.96	6.54	99,996	104,549
Unknown	1,463	2.61	0.62	7.33	10,731	17,398

Table 26. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Raccoon (95)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	4,878	31.58	2.29	21.03	102,597	44,714
Region 2	163	1.05	1.40	7.00	1,138	813
Region 3	1,789	11.58	0.90	17.00	30,405	33,820
Region 4	6,179	40.00	1.02	16.37	101,134	98,858
Region 5	2,276	14.74	1.01	17.93	40,811	40,486
Unknown	163	1.05	1.00	1.00	163	163

Table 27. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Red Fox (19)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	1,626	52.63	0.15	1.80	2,927	19,511
Region 2	163	5.26	0.00	0.00	0	325
Region 3	163	5.26	0.00	0.00	0	488
Region 4	813	26.32	0.03	0.20	163	5,366
Region 5	325	10.53	0.00	0.00	0	1,138
Unknown	0	0.00	0.00	0.00	0	0

Table 28. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Gray Fox (5)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	163	20.00	0.00	0.00	0	1,626
Region 2	0	0.00	0.00	0.00	0	0
Region 3	0	0.00	0.00	0.00	0	0
Region 4	325	40.00	0.00	0.00	0	2,276
Region 5	325	40.00	0.00	0.00	0	1,138
Unknown	0	0.00	0.00	0.00	0	0

Table 29. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Coyote (191)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily Season		Estimated Total Harvest	Estimated Days Afield
Region 1	11,869	38.22	0.33	4.22	50,079	151,701
Region 2	976	3.14	0.28	1.50	1,463	5,203
Region 3	3,414	10.99	0.18	1.81	6,179	33,495
Region 4	9,268	29.84	0.29	1.84	17,072	58,859
Region 5	4,227	13.61	0.30	2.42	10,243	34,308
Unknown	1,301	4.19	0.51	3.63	4,715	9,268

Table 30. Summary of 1999 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.

Opossum (14)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	813	35.71	0.67	4.80	3,902	5,853
Region 2	163	7.14	0.60	3.00	488	813
Region 3	0	0.00	0.00	0.00	0	0
Region 4	976	42.86	0.90	5.83	5,691	6,341
Region 5	325	14.29	0.20	6.00	1,951	9,593
Unknown	0	0.00	0.00	0.00	0	0

Table 31. Percent change in harvest from 1998 to 1999 in Administrative Regions for selected species.

Administrative Region	Rabbit	Quail	Pheasant	Fox Squirrel	Gray Squirrel	Dove	Raccoon	Red Fox	Gray Fox	Coyote
Region 1	-13	-51	-14	4	-33	-29	55	3	--	25
Region 2	-67	80	-30	-16	83	1	-12	-100	--	-19
Region 3	-14	-32	-44	-29	1	-10	0	-100	--	-45
Region 4	-29	-26	-17	-14	-18	8	-21	-68	--	-49
Region 5	-49	3	-71	-48	-55	-38	-35	-100	-100	-57

Table 32. Distribution of hunting effort and success among resident Illinois hunters in 1999.

	<u>Days Afield</u>		<u>Animals Harvested</u>	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Rabbit	---	---	0	22.8
	1-5	73.2	1-5	48.9
	6-10	18.2	6-10	16.3
	11-14	1.9	11-14	3.8
	15-19	3.0	15-19	2.8
	20-24	2.2	20-24	2.6
	25+	1.5	25+	2.8
Quail	---	---	0	36.7
	1-5	64.6	1-5	33.7
	6-10	21.1	6-10	11.9
	11-14	1.7	11-14	2.1
	15-19	2.4	15-19	3.0
	20-24	4.8	20-24	2.7
	25+	5.4	25+	9.9
Pheasant	---	---	0	38.5
	1-5	70.7	1-5	49.6
	6-10	18.3	6-10	6.8
	11-14	1.4	11-14	1.5
	15-19	4.2	15-19	2.1
	20-24	3.3	20-24	0.9
	25+	2.1	25+	0.6
Dove	---	---	0	11.2
	1-5	78.2	1-5	21.8
	6-10	14.8	6-10	16.7
	11-14	2.0	11-14	9.5
	15-19	3.0	15-19	7.3
	20-24	1.2	20-24	7.5
	25+	0.8	25+	26.0
Gray Partridge	---	---	0	75.0
	1-5	75.0	1-5	25.0
	6-10	25.0	6-10	---
	11-14	---	11-14	---
	15-19	---	15-19	---
	20-24	---	20-24	---
	25+	---	25+	---
Woodcock	---	---	0	30.8
	1-5	84.6	1-5	61.5
	6-10	---	6-10	---
	11-14	---	11-14	---
	15-19	---	15-19	7.7
	20-24	7.7	20-24	---
	25+	7.7	25+	---

Table 32. Continued - page 2.

	<u>Days Afield</u>		<u>Animals Harvested</u>	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Fox Squirrel	---	---	0	14.0
	1-5	63.7	1-5	44.7
	6-10	24.0	6-10	22.8
	11-14	2.4	11-14	5.6
	15-19	4.1	15-19	4.7
	20-24	2.3	20-24	2.9
	25+	3.5	25+	5.3
Gray Squirrel	---	---	0	20.0
	1-5	59.1	1-5	45.5
	6-10	25.5	6-10	17.7
	11-14	3.2	11-14	3.5
	15-19	5.2	15-19	5.2
	20-24	1.8	20-24	4.3
	25+	5.2	25+	3.8
Raccoon	---	---	0	9.5
	1-5	48.4	1-5	28.4
	6-10	12.7	6-10	15.8
	11-14	2.1	11-14	5.2
	15-19	3.1	15-19	7.4
	20-24	14.8	20-24	9.5
	25+	18.9	25+	24.2
Red Fox	---	---	0	68.4
	1-5	52.6	1-5	26.3
	6-10	26.3	6-10	---
	11-14	---	11-14	5.3
	15-19	5.3	15-19	---
	20-24	10.5	20-24	---
	25+	5.3	25+	---
Gray Fox	---	---	0	100
	1-5	40.0	1-5	---
	6-10	60.0	6-10	---
	11-14	---	11-14	---
	15-19	---	15-19	---
	20-24	---	20-24	---
	25+	---	25+	---

Table 32. Continued - page 3.

	<u>Days Afield</u>		<u>Animals Harvested</u>	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Coyote	---	---	0	35.1
	1-5	57.1	1-5	51.8
	6-10	22.0	6-10	8.9
	11-14	1.5	11-14	0.5
	15-19	2.1	15-19	2.1
	20-24	6.3	20-24	0.6
	25+	11.0	25+	1.0
Opossum	---	---	0	21.4
	1-5	42.9	1-5	35.7
	6-10	28.5	6-10	35.8
	11-14	7.2	11-14	---
	15-19	7.1	15-19	---
	20-24	7.2	20-24	7.1
	25+	7.1	25+	---

Table 33. Statewide data from resident Illinois hunters, 1989-1999.

Species and Seasons	Estimated Total Hunters	Average		Estimated Total Harvest	Average		Estimated Total Days Afield
		Daily Bag	Season Bag		Days Afield	Days Afield	
RABBIT							
1989	154,390	1.19	7.13	1,101,128	5.97	921,615	
1990	162,560	1.34	7.95	1,293,154	5.95	966,626	
1991	161,293	1.17	7.32	1,180,618	6.25	1,007,512	
1992	129,272	1.05	6.20	802,045	5.90	762,290	
1993	130,374	1.13	6.72	875,688	5.96	777,425	
1994	141,659	1.06	6.25	884,850	5.92	838,808	
1995	128,673	1.10	6.52	838,322	5.94	763,831	
1996	109,758	0.94	4.75	521,424	5.08	557,535	
1997	102,842	1.02	5.35	550,602	5.22	536,802	
1998	98,190	1.07	6.20	608,878	5.78	567,079	
1999	86,826	0.96	4.73	411,040	4.93	427,787	
QUAIL							
1989	83,208	1.53	9.24	768,918	6.05	503,614	
1990	84,989	1.69	10.90	926,432	6.45	548,252	
1991	84,281	1.64	10.99	926,411	6.70	564,866	
1992	71,964	1.54	10.49	755,181	6.82	490,933	
1993	67,791	1.68	11.26	763,057	6.70	454,092	
1994	75,407	1.61	11.19	843,974	6.94	523,677	
1995	72,244	1.43	9.78	706,278	6.84	494,040	
1996	56,542	1.22	7.54	426,585	6.20	350,372	
1997	55,958	1.36	8.37	468,272	6.14	343,595	
1998	55,618	1.42	9.35	519,786	6.57	365,292	
1999	47,803	1.33	8.91	425,836	6.68	319,174	
PHEASANT							
1989	97,908	0.60	3.45	338,267	5.72	560,096	
1990	97,761	0.61	3.81	372,920	6.22	608,261	
1991	94,845	0.64	4.13	391,419	6.50	616,661	
1992	78,985	0.59	3.32	262,229	5.67	447,580	
1993	83,123	0.60	3.66	304,239	6.09	505,972	
1994	89,727	0.54	3.27	293,560	6.05	542,439	
1995	85,811	0.62	3.91	335,208	6.28	539,149	
1996	77,069	0.57	3.08	237,382	5.42	417,367	
1997	66,734	0.57	3.23	215,326	5.70	380,459	
1998	68,149	0.52	2.77	188,740	5.29	360,486	
1999	54,469	0.48	2.54	138,368	5.24	285,517	

Table 33. Statewide data from resident Illinois hunters, 1989-1999.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days		Estimated Total Days Afield
					Afield	Afield	
DOVE							
1989	80,625	4.56	24.35	1,963,500	5.34		430,384
1990	79,449	3.70	19.69	1,564,275	5.32		422,975
1991	84,054	3.83	18.08	1,519,787	4.71		396,303
1992	73,631	3.86	20.48	1,507,817	5.30		390,272
1993	71,455	4.28	20.99	1,499,884	4.91		350,719
1994	68,700	3.95	18.82	1,293,242	4.77		327,729
1995	73,626	3.95	19.34	1,424,136	4.90		360,441
1996	67,756	3.57	18.43	1,248,586	5.17		350,277
1997	77,132	4.31	19.89	1,534,030	4.62		355,977
1998	61,798	4.11	19.31	1,193,380	4.69		290,020
1999	58,209	3.98	17.56	1,022,235	4.41		256,575
GRAY PARTRIDGE							
1989	2,673	0.19	0.97	2,583	5.03		13,452
1990	2,348	0.09	0.60	1,409	6.88		16,153
1991	2,612	0.08	0.65	1,704	8.57		22,377
1992	1,492	0.08	0.47	702	5.65		8,425
1993	1,157	0.09	1.25	1,446	13.67		15,815
1994	816	0.06	0.44	363	7.78		6,344
1995	1,469	0.61	3.24	4,753	5.29		7,777
1996	665	1.37	3.71	2,471	2.71		1,806
1997	189	0.15	1.00	189	6.50		1,229
1998	944	0.13	1.18	1,116	8.82		8,326
1999	650	0.18	0.75	488	4.25		2,764
WOODCOCK							
1989	7,394	0.46	2.00	14,789	4.31		31,894
1990	6,104	0.33	1.85	11,269	5.68		34,653
1991	7,724	0.39	1.75	13,517	4.54		35,098
1992	5,266	0.47	1.98	10,444	4.20		22,116
1993	4,532	0.47	1.77	8,004	3.77		17,068
1994	2,810	0.38	2.68	7,523	7.00		19,667
1995	3,111	0.31	1.64	5,099	5.31		16,505
1996	2,661	0.30	1.96	5,227	6.50		17,295
1997	1,701	0.76	2.33	3,970	3.06		5,199
1998	1,974	0.68	2.09	4,120	3.09		6,094
1999	2,114	0.46	2.38	5,040	5.15		10,894

Table 33. Statewide data from resident Illinois hunters, 1989-1999.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days		Estimated Total Days Afield
					Afield	Afield	
FOX SQUIRREL							
1989	122,318	1.65	9.33	1,141,306	5.64		689,452
1990	116,731	1.55	9.23	1,076,971	5.97		696,726
1991	127,558	1.42	8.29	1,057,717	5.84		745,355
1992	113,211	1.60	8.65	979,585	5.41		612,394
1993	104,627	1.39	8.04	841,551	5.77		603,560
1994	108,760	1.38	7.56	821,769	5.48		595,821
1995	97,909	1.36	7.84	767,201	5.75		562,655
1996	91,703	1.32	8.05	738,280	6.08		557,820
1997	85,166	1.39	7.22	615,162	5.18		441,238
1998	82,998	1.13	9.48	786,460	8.40		697,111
1999	83,411	1.14	7.28	607,618	6.39		532,986
GRAY SQUIRREL							
1989	75,457	1.73	9.02	680,365	5.22		393,591
1990	72,969	1.46	8.79	641,130	6.01		438,564
1991	84,622	1.47	7.55	638,697	5.12		433,560
1992	75,738	1.49	8.08	611,604	5.42		410,545
1993	71,552	1.38	7.75	554,670	5.63		403,177
1994	75,950	1.57	8.89	675,488	5.65		429,329
1995	67,923	1.38	7.72	524,372	5.60		380,662
1996	65,380	1.46	8.93	583,858	6.13		400,642
1997	60,779	1.31	7.46	453,432	5.70		346,620
1998	60,682	1.07	8.92	541,416	8.31		504,080
1999	56,095	0.90	6.35	356,083	7.05		395,268
RACCOON							
1989	22,539	0.96	10.68	240,805	11.18		251,941
1990	20,379	0.98	9.37	191,015	9.54		194,490
1991	21,695	1.20	17.95	389,488	14.97		324,744
1992	19,483	1.25	19.95	388,692	15.95		310,848
1993	18,129	1.36	15.84	287,171	11.68		211,762
1994	22,749	1.14	14.12	321,113	12.42		282,503
1995	19,789	1.32	17.18	340,047	13.00		257,260
1996	19,861	1.66	20.05	398,267	12.05		239,283
1997	24,482	1.51	23.19	567,711	15.33		375,260
1998	16,308	1.33	17.96	292,852	13.53		220,669
1999	15,447	1.26	17.88	276,249	14.17		218,853

Table 33. Statewide data from resident Illinois hunters, 1989-1999.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days		Estimated Total Days Afield
					Afield	Afield	
RED FOX							
1989	8,463	0.18	1.23	10,423	6.87		58,174
1990	8,734	0.27	2.47	21,600	9.04		78,979
1991	6,815	0.14	1.27	8,633	8.83		60,201
1992	7,109	0.14	1.70	12,111	12.57		89,340
1993	4,436	0.13	1.24	5,497	9.50		42,140
1994	6,979	0.14	1.30	9,063	9.10		63,534
1995	4,062	0.18	1.40	5,703	7.77		31,542
1996	3,611	0.10	0.66	2,376	6.79		24,517
1997	3,308	0.08	1.11	3,686	13.74		45,466
1998	3,176	0.11	1.38	4,377	12.19		38,709
1999	3,089	0.12	1.00	3,089	8.68		26,828
GRAY FOX							
1989	2,138	0.14	0.79	1,693	5.58		11,938
1990	2,348	0.25	2.52	5,916	10.08		23,666
1991	3,408	0.08	0.77	2,612	9.97		33,962
1992	2,721	0.05	0.52	1,404	11.23		30,541
1993	1,446	0.13	1.13	1,639	8.87		12,825
1994	2,991	0.08	0.73	2,175	8.91		26,646
1995	1,469	0.06	0.41	605	6.35		9,333
1996	1,520	0.00	0.00	0	5.94		9,028
1997	1,418	0.18	3.60	5,104	19.80		28,074
1998	1,631	0.03	0.37	601	13.00		21,200
1999	813	0.00	0.00	0	6.20		5,040
COYOTE							
1989	34,655	0.26	2.36	81,961	9.07		314,391
1990	34,277	0.32	2.78	95,226	8.58		294,129
1991	35,439	0.28	2.69	95,299	9.52		337,352
1992	33,349	0.23	2.84	94,606	12.48		416,161
1993	33,751	0.23	3.03	102,120	13.17		444,449
1994	38,066	0.23	2.43	92,536	10.80		411,021
1995	32,233	0.24	2.66	85,898	11.08		357,244
1996	33,640	0.22	2.45	82,485	11.24		378,215
1997	33,272	0.26	3.13	104,165	11.83		393,598
1998	31,414	0.34	3.53	110,807	10.35		325,124
1999	31,056	0.31	2.89	89,752	9.43		292,834

Table 33. Statewide data from resident Illinois hunters, 1989-1999.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield		Estimated Total Days Afield
					Estimated Total Harvest	Average Days Afield	
OPOSSUM							
1989	5,523	0.56	4.31	23,786	7.71		42,584
1990	6,010	0.65	3.27	19,627	5.05		30,333
1991	5,679	0.47	4.28	24,308	9.08		51,568
1992	5,617	0.52	3.42	19,220	6.56		36,860
1993	4,822	0.63	3.38	16,297	5.38		25,940
1994	4,985	0.33	3.05	15,226	9.38		46,767
1995	5,099	0.47	3.53	17,975	7.58		38,628
1996	4,466	0.31	3.79	16,915	12.15		54,262
1997	5,955	0.57	5.90	35,163	10.38		61,819
1998	2,918	0.39	4.41	12,875	11.18		32,615
1999	2,276	0.53	5.29	12,032	9.93		22,601

Table 34. Percent Change in Statewide Harvest.

Species	1999 Estimated Harvest	% Change 1 Year*	% Change 5 Years*	% Change 10 Years*
Rabbit	411,040	-32	-54	-63
Quail	425,836	-18	-50	-45
Pheasant	138,368	-27	-53	-59
Dove	1,022,235	-14	-21	-48
Gray Partridge	488	-56	34	-81
Woodcock	5,040	22	-33	-66
Fox Squirrel	607,618	-23	-26	-47
Gray Squirrel	356,083	-34	-47	-48
Raccoon	276,249	-6	-14	15
Red Fox	3,089	-29	-66	-70
Gray Fox	0	-100	-100	-100
Coyote	89,752	-19	-3	10
Opossum	12,032	-7	-21	-49

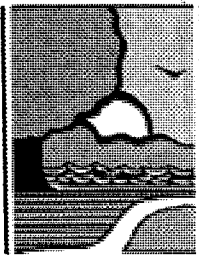
* From 1998, 1994, and 1989, respectively; see also Table 33.

Illinois hunting season dates and bag limits, 1999-2000 .

Species	Zone	Duration	Bag Limit Daily	Bag Limit Possession
<u>Upland Wildlife</u>				
Rabbit	North	Nov. 6-Jan. 8	4	10 ^a
	South	Nov. 6-Jan. 22	4	10 ^a
Quail	North	Nov. 6-Jan. 8	8	20 ^a
	South	Nov. 6-Jan. 15	8	20 ^a
Pheasant	North	Nov. 6-Jan. 8	2	6 ^a
	South	Nov. 6-Jan. 15	2	6 ^a
Gray Partridge	North	Nov. 6.-Jan. 8	2	6 ^a
	South	Nov. 6-Jan. 15	2	6 ^a
<u>Migratory Wildlife</u>				
Dove	Statewide	Sept. 1-Oct. 17 & Nov 6-18	15	30
Woodcock	Statewide	Oct. 16.-Nov. 29	3	6
<u>Forest Wildlife</u>				
Squirrels	Statewide	Aug. 1-Dec. 31 ^b	5	10 ^a
<u>Furbearers</u>				
Raccoon	North	Nov. 5-Jan. 25 ^b	No Limit	No Limit
	South	Nov. 10-Jan. 30 ^b	No Limit	No Limit
Opossum	North	Nov. 5-Jan. 25 ^b	No Limit	No Limit
	South	Nov. 10-Jan. 30 ^b	No Limit	No Limit
Fox	Statewide	Nov. 10-Jan. 31 ^b	No Limit	No Limit
Coyote	Statewide	Year-Round ^b	No Limit	No Limit

^aOn the 2nd day of the hunting season, you may possess no more than twice the daily bag limit.

^bClosed Nov. 19-21 and Dec. 2-5 in counties open for firearm deer hunting.



Illinois
Department of
Natural Resources

<http://dnr.state.il.us>

524 South Second Street • Springfield, Illinois 62701-1787

George H. Ryan, Governor • Brent Manning, Director

Dear Illinois Hunter,

You are one of a select group of Illinois hunters asked to provide information about your hunting activities during the 1999-2000 hunting season.

The information you and other selected hunters furnish our biologists is vital for proper wildlife management and allows us to safeguard wildlife populations while maximizing hunting opportunities. As an example of how we use the information provided by you and other hunters like yourself, we have enclosed a summary of harvest and days afield for the past 10 years.

This survey is limited to those hunters selected. Please take 15 minutes to complete the enclosed questionnaire **even if you were not successful**. A stamped envelope is provided for returning the questionnaire to us.

Thank you for your time and assistance.

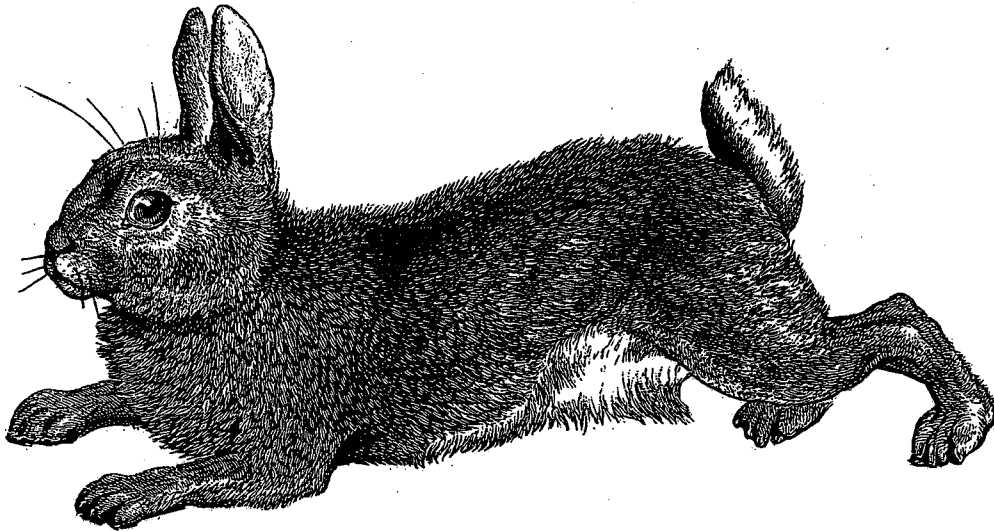
Sincerely,



Jeffrey M. Ver Steeg, Chief
Division of Wildlife Resources

Illinois Hunter Harvest Survey

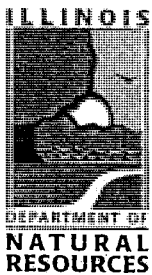
1999 – 2000 Season



ALL RESPONSES ARE CONFIDENTIAL

THANK YOU FOR YOUR COOPERATION!

Postage-paid return envelope provided



Illinois Department of Natural Resources
Division of Wildlife Resources
and the
Illinois Natural History Survey



The Department of Natural resources is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under the Illinois Compiled Statutes, The Wildlife Code, Chapter 520. Disclosure of information is voluntary

Please take 15 minutes of your time to complete this questionnaire. Your responses will tell us more about Illinois hunters and how you feel about important issues facing hunters in Illinois.

Section 1. Hunter harvest and days afield. Please complete the following questionnaire for the past hunting season (February 1999 - January 2000). Include **only the game harvested and days hunted IN ILLINOIS**. List only your retrieved kill, not those hit and not found. **Do NOT** list any upland game harvested or days hunted on licensed shooting preserves or controlled (put-and-take) hunting areas. Count part of a day as a whole day.

1. Did you hunt in Illinois during the 1999-2000 season? _____ Yes _____ No (please go to question 2)

Please provide the days hunted, harvest and counties hunted for the following species.

<u>Upland Game</u>	<u>Number of Days Hunted</u>	<u>Number Harvested</u>	<u>County Hunted Most Often</u>
Rabbit	_____	_____	_____
Quail	_____	_____	_____
Pheasant	_____	_____	_____
Dove	_____	_____	_____
Gray (Hungarian)	_____	_____	_____
Partridge	_____	_____	_____
Woodcock	_____	_____	_____
Snipe	_____	_____	_____
Rail	_____	_____	_____
Crow	_____	_____	_____
Groundhog (Woodchuck)	_____	_____	_____

<u>Forest Game</u>	<u>Number of Days Hunted</u>	<u>Number Harvested</u>		<u>County Hunted Most Often</u>
Fox Squirrel	_____	_____	_____	_____
Gray Squirrel	_____	_____	_____	_____
Turkey – Spring	_____	_____	_____	_____
Turkey – Fall	_____	_____	_____	_____
Shotgun	_____	_____	_____	_____
Turkey – Fall Archery ¹	_____	_____	_____	_____
		<u>Antlered²</u>	<u>Antlerless</u>	
Deer – Shotgun	_____	_____	_____	_____
Deer – Muzzleloader	_____	_____	_____	_____
Deer – Archery	_____	_____	_____	_____
Deer – Handgun	_____	_____	_____	_____

¹if turkeys are hunted in fall archery season while deer hunting, count each day as hunting both deer and turkey

² at least one antler 3 or more inches in length

Furbearers (Hunted <u>only</u> – not trapped)	Number of Days Hunted	Number Harvested	County Hunted <u>Most Often</u>
Raccoon	_____	_____	_____
Red Fox	_____	_____	_____
Gray Fox	_____	_____	_____
Coyote	_____	_____	_____
Opossum	_____	_____	_____

2. If you did not hunt in Illinois during the 1999-2000 season, which of the following **best** describes your reason for not hunting: (choose one)

- _____ not enough time _____ health problems
 _____ no place to hunt _____ no one to hunt with
 _____ not enough game _____ regulations too confusing
 _____ other (please identify): _____

3. Which of the following resident Illinois hunting license types did you purchase for your personal use for the 1999-2000 season? Please indicate the number of each you purchased.

- _____ Regular hunting license without Habitat Stamp
 _____ Separate Habitat Stamp to be affixed to license
 _____ Regular hunting license with Habitat Stamp printed on license
 _____ Sportsman's combination license without Habitat Stamp
 _____ Sportsman's combination license with Habitat Stamp printed on license
 _____ Senior citizen's hunting license

4. Where did you purchase your license?

- _____ National retail chain (Walmart, Kmart, etc.) _____ DNR office
 _____ Local sporting goods store _____ Internet
 _____ Other (please identify): _____

5. In what county did you purchase your license? _____ County

6. Consider the opportunities to hunt in Illinois (variety of game species, season length, quality of wildlife). Now compare hunting with the cost of other recreation activities (for example fishing, golf, boating). How much would you be willing to pay for a license to hunt in Illinois? (Remember there is a 50 cent vendor fee).

- _____ \$7.00 _____ \$10.00
 _____ \$12.00 _____ \$15.00
 _____ \$20.00 _____ More than \$20.00

Section 2. Small Game Hunting – Separate Report

Section 3. Public Hunting Areas and Special permits. Please answer the following questions for all species hunted in Illinois.

1. Did you hunt on a state site during the 1999-2000 hunting season?

_____ Yes

_____ No

2. How many state sites (state parks, conservation areas, fish and wildlife areas, etc.) did you hunt during the 1999-2000 season?

_____ sites

Please list the sites you hunted

2a. Of the sites you hunted during 1999-2000, did any require a site permit?

_____ Yes

_____ No

_____ Don't know

Please indicate how much you agree or disagree with the following statements by circling the appropriate response. **Note:** The term “**site permit**” refers to permits issued by state sites for hunting and does **NOT** refer to special permits (deer, turkey, etc.) issued from the Springfield DNR office for a site-specific hunt.

	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
3. Site permits make it easy to find a place to hunt.	1	2	3	4	5
4. The site permit system detracts from my enjoyment of hunting on state lands.	1	2	3	4	5
5. It is sometimes difficult to find someone to issue site permits at the site office.	1	2	3	4	5
6. I feel site permits allow me to plan which state sites I want to hunt.	1	2	3	4	5
7. The process for getting site permits should be the same for all state sites.	1	2	3	4	5
<hr/>					
8. Site regulations that differ from site to site are confusing.	1	2	3	4	5
9. The due dates for site harvest cards are easy to remember.	1	2	3	4	5
10. I prefer using a drop box for daily harvest cards rather than sending in a report card after the season.	1	2	3	4	5
11. Remembering to place my windshield permit detracts from my enjoyment of hunting state areas.	1	2	3	4	5
<hr/>					
12. Between license, tags, FOID cards, and site permits there are too many papers to carry while hunting state sites in Illinois.	1	2	3	4	5
13. All permits for state sites should be issued out of the Springfield office.	1	2	3	4	5
14. Site permits make it impossible to hunt at a new site on the spur of the moment.	1	2	3	4	5
15. I feel site permits reduce competition from other hunters.	1	2	3	4	5
16. I would favor one statewide permit good for all state sites.	1	2	3	4	5

17. Did you apply for special hunts (Special hunts on DNR sites, Controlled hunts, Free upland game hunts, Duck blinds, Goose permit areas) during the 1999-2000 season?

_____ Yes _____ No

17a. If you answered "Yes", what game did you apply to hunt? Please give the number of applications you submitted.

_____ upland game _____ doves _____ ducks _____ geese
 _____ deer _____ turkey _____ youth hunts
 _____ other (please identify): _____

18. Were you successful in drawing a permit for a special hunt during the 1999-2000 season?

_____ Yes _____ number of special hunt permits

_____ No

18a. If you answered "Yes", for what game did you receive a permit to hunt?

_____ pheasants _____ doves _____ ducks _____ geese
 _____ deer _____ other (please identify): _____

19. How often do you apply for a free upland hunt, upland game fee hunt, or waterfowl hunt (fee required) permit?

Every year	Most years	Occasionally	Rarely
1	2	3	4

20. What type of permit do you usually apply for?

_____ Free upland hunt _____ Upland game fee hunt _____ Dove hunt
 _____ Waterfowl hunt _____ Youth deer hunt _____ Youth pheasant hunt
 _____ Special deer hunt for hunters with disabilities

21. Have you ever received a permit for a free upland hunt, controlled hunt, or waterfowl hunt?

_____ Yes _____ No

22. Have you ever missed a permit deadline for a season you wanted to hunt?

_____ Yes _____ No

Please answer the following questions about site permits and the application process for special permits for upland game, deer and waterfowl hunts in Illinois.

On a scale of 1 to 5, with 1 = "Very Easy" and 5 = "Very Difficult", please rate the following:
(please circle the number that corresponds to your response)

	Very Easy	Somewhat Easy	3	Somewhat Difficult	Very Difficult
23. Process for getting permits for free upland game hunts.	1	2	3	4	5
24. Application process for special hunt permits.	1	2	3	4	5
25. Finding information about specific site regulations.	1	2	3	4	5
26. Obtaining site permits for state areas prior to the hunting season.	1	2	3	4	5
27. Obtaining site permits for state areas the day before a hunt.	1	2	3	4	5
28. Did you hunt on a private game preserve where you paid a fee to hunt (fee paid for day, week, month, season)?					

_____ Yes

_____ No

28.a. If "Yes", what species did you hunt?

_____ pheasants

_____ doves

_____ partridge

_____ quail

_____ ducks

_____ geese

_____ deer

_____ other (please identify): _____

Section 4. Hunting Information. The following deal with sources of information about hunting in Illinois.

1. How often do you refer to the Digest of Hunting and Trapping Regulations? (please circle one)

Never

Rarely

Occasionally

Often

1

2

3

4

2. How useful do you find the Illinois Digest of Hunting and Trapping Regulations for information on permits and application deadlines? (please circle one)

Not Useful

Somewhat Useful

Very Useful

1

2

3

3. How important to you are the following sources for information about seasons, hunting permits, site permits and places to hunt?

	Unimportant	Moderately Important	Very Important
Illinois Digest of Hunting and Trapping Regulations	1	2	3
DNR employees at Springfield office	1	2	3
DNR employees at Regional offices	1	2	3
Staff at site office	1	2	3
Conservation Police Officers	1	2	3
Postings at site	1	2	3
License vendor	1	2	3
Internet	1	2	3
Sportsmen's club meetings	1	2	3
Sportsmen's Club Newsletter	1	2	3
Newspaper	1	2	3
Outdoor Illinois magazine	1	2	3
Magazines (other than Outdoor Illinois)	1	2	3
Television/Radio	1	2	3
Friends/Family	1	2	3
Hunters in the Field	1	2	3
Other (Please identify): _____	1	2	3

On a scale of 1 to 5, with 1 = 'Very Easy' and 5 = "Very Difficult", please rate the following: (please circle)

	Very Easy	Somewhat Easy	Somewhat Difficult	Very Difficult	
4. Directions on application forms for deer permits.	1	2	3	4	5
5. Directions on application forms for turkey permits.	1	2	3	4	5
6. Understanding regulations in Digest of Hunting and Trapping.	1	2	3	4	5
7. Deadlines for permit applications found in Hunting Digest.	1	2	3	4	5
8. Directions for permit applications found in Hunting Digest.	1	2	3	4	5
9. Finding information on new places to hunt.	1	2	3	4	5

10. Do you subscribe to Outdoor Illinois magazine?

_____ Yes

_____ No If not, what are your reasons? _____

Section 5. Deer Hunting. Please answer the following questions regarding deer hunting in Illinois.

If you **did not hunt deer** in Illinois during 1999-2000, please skip to section 6.

Please rate the following for the 1999-2000 season: (circle the number that corresponds to your response)

	<u>Poor</u>	<u>Fair</u>	<u>Good</u>	<u>Excellent</u>	<u>Didn't Hunt</u>
1. The amount of deer you saw during the first firearm season.	1	2	3	4	5
2. The amount of opportunities you had to shoot at deer during the first firearm season.	1	2	3	4	5
3. The amount of deer you saw during the second firearm season.	1	2	3	4	5
4. The amount of opportunities you had to shoot at deer during the second firearm season.	1	2	3	4	5
5. The amount of deer harvested by <u>all</u> members of your hunting party during the season.	1	2	3	4	5

6. Think about your own personal experience. How would you rate the 1999 firearm deer season?
(please circle one)

Poor	Fair	Good	Excellent
1	2	3	4

7. If you were successful in harvesting a deer in the 1999-2000 season, where did you get your deer processed?
(Please check one)

_____ Commercial meat processor (butcher shop, packaging plant, meat locker, etc.)

_____ Grocery Store

_____ Private processor who specializes in deer processing only

_____ I process my own deer

_____ Other (please identify type of processor): _____

8. If you processed your own deer, do you take any meat (for burger, sausage, etc.) to any of the following?
(Please check one)

_____ Commercial meat processor (butcher shop, packaging plant, meat locker, etc.)

_____ Private processor who specializes in deer processing only

_____ Other (please identify type of processor): _____

- 1. The amount of deer you saw during the first firearm season. 1 2 3 4 5
- 2. The amount of opportunities you had to shoot at deer during the first firearm season. 1 2 3 4 5
- 3. The amount of deer you saw during the second firearm season. 1 2 3 4 5
- 4. The amount of opportunities you had to shoot at deer during the second firearm season. 1 2 3 4 5
- 5. The amount of deer harvested by all members of your hunting party during the season. 1 2 3 4 5

6. Think about your own personal experience. How would you rate the 1999 firearm deer season? (please circle one)

- Poor Fair Good Excellent
- 1 2 3 4

following: (please circle)

Somewhat Very
Difficult Difficult

7. If you were successful in harvesting a deer in the 1999-2000 season, where did you get your deer processed? (Please check one)

- Commercial meat processor (butcher shop, packaging plant, meat locker, etc.)
- Grocery Store
- Private processor who specializes in deer processing only
- I process my own deer
- Other (please identify type of processor):

8. If you processed your own deer, do you take any meat (for burger, sausage, etc.) to any of the following? (Please check one)

- Commercial meat processor (butcher shop, packaging plant, meat locker, etc.)
- Private processor who specializes in deer processing only
- Other (please identify type of processor):

COMMENTS

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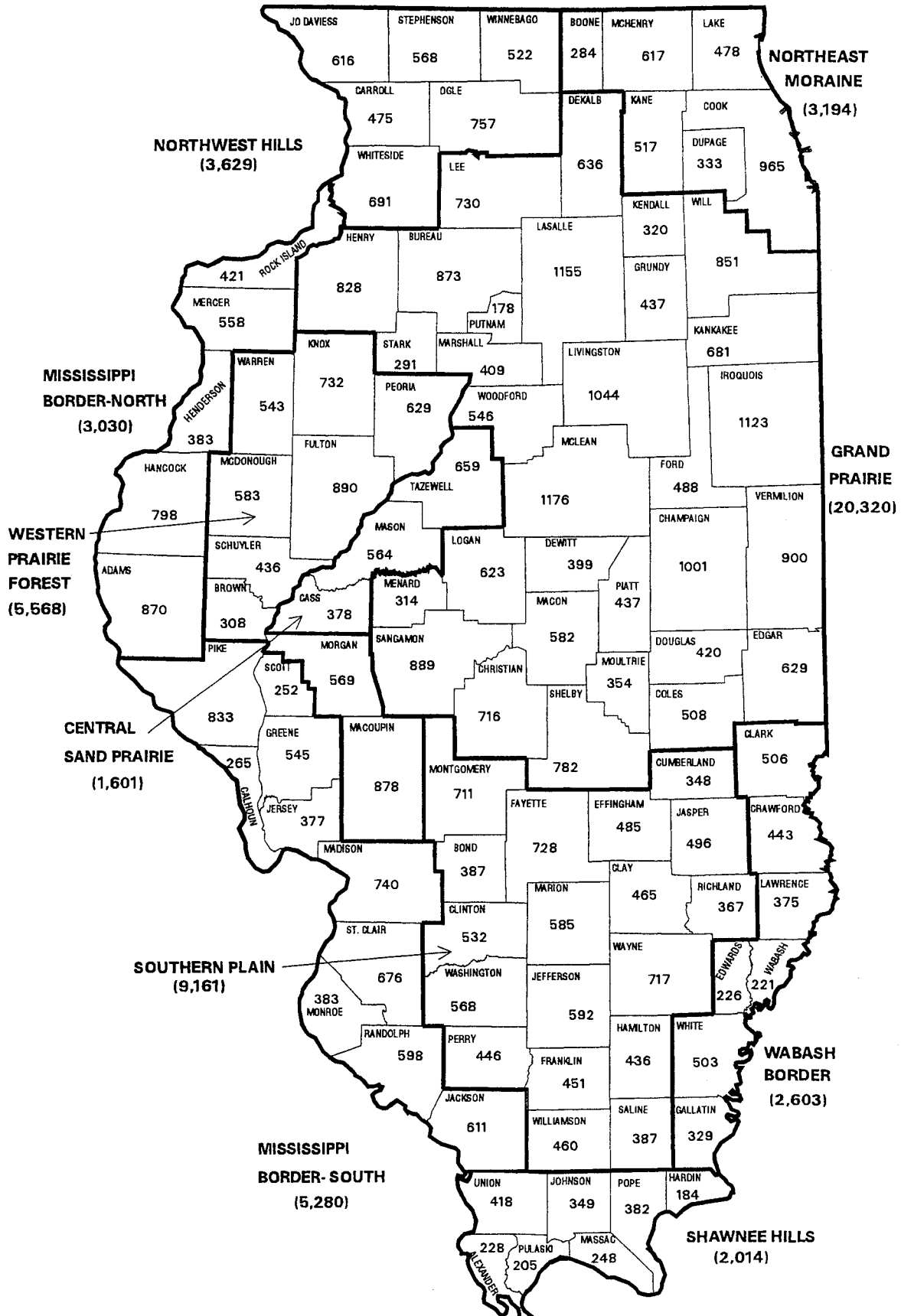
THANK YOU FOR YOUR TIME AND ASSISTANCE!

Your input will help us understand more about hunters and hunting in Illinois.

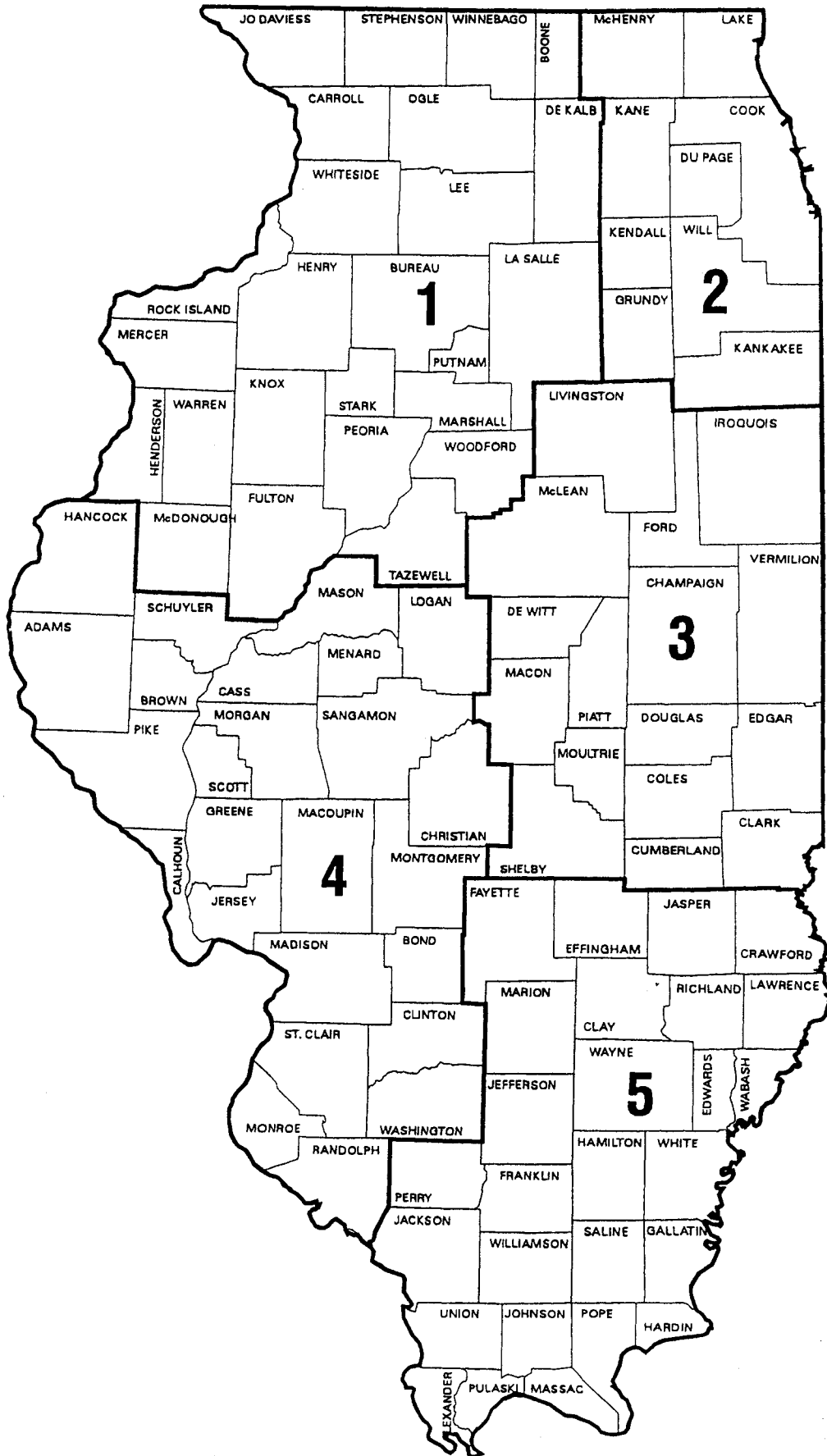
The Illinois Department of Natural Resources receives federal assistance and therefore must comply with federal anti-discrimination laws. In compliance with the Illinois Human Rights Act, the Illinois Constitution, Title VI of the 1964 Civil Rights Act, Section 504 of the Rehabilitation Act as amended, and the U.S. Constitution, the Illinois Department of Natural Resources does not discriminate on the basis of race, color, sex, national origin, age, or disability. If you believe you have been discriminated against in any program, activity, or facility, please contact the Equal Employment Opportunity Officer, Department of Natural Resources, 524 S. Second St., Springfield, IL 62701-1787, (217) 782-7616 or the officer of Human Resources, U.S. Fish and Wildlife Service, Washington, D.C. 20240.



Wildlife management units in Illinois (square miles in parentheses).



Administrative regions in Illinois.



Itemized Responses To The 1999-2000 Hunter Harvest Survey Questionnaire

Section 1.

2. If you did not hunt in Illinois during the 1999-2000 season, which of the following **best** describes your reason for not hunting: (n=306)

Reason	Number of Hunters	Percent of Hunters
Not enough time	94	31%
Health problems	66	22%
No place to hunt	65	21%
Not enough game	36	12%
No one to hunt with	13	4%
Regulations too confusing	8	3%
Other (See appendix G)	24	8%

3. Which of the following resident Illinois hunting license types did you purchase for your personal use for the 1999-2000 season? Please indicate the number of each you purchased.

Hunting License Types	Number of Hunters Buying:	
	1 license	>1 license ^a
Regular hunting license without Habitat Stamp	423	3
Separate Habitat Stamp to be affixed to license	766	3
Regular hunting license with Habitat Stamp printed on license	142	
Sportsman's combination license without Habitat Stamp	539	1
Sportsman's combination license with Habitat Stamp printed on license	539	
Senior citizen's hunting license	210	

^aThere were 3 hunters that purchased 2 Regular hunting license without Habitat Stamps, 3 hunters that purchased 2 Separate Habitat Stamp to be affixed to license, and 1 hunter who purchased 2 Sportsman's combination license without Habitat Stamp.

4. Where did you purchase your license (n= 1706).

Vendor	Number of Respondents	Percent Response
National retail chain (Walmart, Kmart, etc.)	663	39%
Local sporting goods store	584	34%
DNR office	65	4%
Internet	10	1%
Other (See Appendix G)	384	22%

5. In what county did you purchase your license?

County	Number of Hunters Purchasing License	County	Number of Hunters Purchasing License	County	Number of Hunters Purchasing License
Adams	45	Hardin	0	Morgan	21
Alexander	6	Henderson	7	Moultrie	9
Bond	12	Henry	33	Ogle	15
Boone	2	Iroquois	5	Peoria	28
Brown	4	Jackson	20	Perry	16
Bureau	15	Jasper	6	Piatt	2
Calhoun	9	Jefferson	13	Pike	17
Carroll	5	Jersey	30	Pope	6
Cass	19	JoDavie	29	Pulaski	5
Champaign	21	Johnson	7	Putnam	0
Christian	7	Kane	25	Randolph	32
Clark	5	Kankakee	19	Richland	10
Clay	2	Kendall	13	Rock Island	40
Clinton	22	Knox	36	St. Clair	77
Coles	22	Lake	21	Saline	6
Cook	67	LaSalle	45	Sangamon	32
Crawford	14	Lawrence	19	Schuyler	13
Cumberland	5	Lee	6	Scott	2
DeKalb	10	Livingston	15	Shelby	15
DeWitt	6	Logan	8	Stark	0
Douglas	5	McDonough	21	Stephenson	22
DuPage	18	McHenry	12	Tazewell	19
Edgar	8	McLean	42	Union	2
Edwards	8	Macon	39	Vermilion	7
Effingham	20	Macoupin	27	Wabash	15
Fayette	17	Madison	92	Warren	3
Ford	4	Marion	12	Washington	8
Franklin	18	Marshall	2	Wayne	15
Fulton	29	Mason	11	White	4
Gallatin	4	Massac	0	Whiteside	19
Greene	9	Menard	0	Will	23
Grundy	11	Mercer	3	Williamson	15
Hamilton	4	Monroe	9	Winnebago	20
Hancock	29	Montgomery	21	Woodford	14
				Unknown ^a	58

^aThere were 58 hunters who did not list the county where they purchased their license.

6. How much would you be willing to pay for a license to hunt in Illinois?
(n=1655)

Cost of License	Number of Respondents	Percent Response
\$7.00	495	30%
\$10.00	303	18%
\$12.00	187	11%
\$15.00	334	20%
\$20.00	217	13%
More than \$20.00	119	7%

Section 2. Small Game Hunting – Separate Report

Section 3. Public Hunting Areas and Special permits.

1. Did you hunt on a state site during the 1999-2000 hunting season?

	Number of Respondents	Percent Response
Yes	416	24%
No	1313	76%

2. How many state sites (state parks, conservation areas, fish and wildlife areas, etc.) did you hunt during the 1999-2000 season?

Mean Number of Sites Per Hunter
1.41

See appendix G. for list of sites.

2a. Of the sites you hunted during 1999-2000, did any require a site permit?

	Number of Respondents	Percent Response
Yes	241	59%
No	148	36%
Don't know	18	4%

Please indicate how much you agree or disagree with the following statements.

Statements:	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
3. Site permits make it easy to find a place to hunt.	4%	17%	32%	38%	9%
4. The site permit system detracts from my enjoyment of hunting on state lands.	7%	34%	34%	20%	5%
5. It is sometimes difficult to find someone to issue site permits at the site.	8%	28%	46%	14%	4%
6. I feel site permits allow me to plan which state sites I want to hunt.	3%	15%	38%	37%	7%
7. The process for getting site permits should be the same for all state sites.	2%	6%	33%	45%	14%
8. Site regulations that differ from site to site are confusing.	2%	15%	29%	42%	12%
9. The due dates for site harvest cards are easy to remember.	6%	24%	43%	24%	3%
10. I prefer using a drop box for daily harvest cards rather than sending in a report card after the season.	5%	17%	25%	36%	17%
11. Remembering to place my windshield permit detracts from my enjoyment of hunting state areas.	9%	38%	36%	15%	3%
12. Between license, tags, FOID cards, and site permits there are too many papers to carry while hunting state sites in Illinois.	4%	31%	13%	31%	21%
13. All permits for state sites should be issued out of the Springfield office.	18%	31%	32%	13%	5%
14. Site permits make it impossible to hunt at a new site on the spur of the moment.	4%	8%	27%	42%	20%
15. I feel site permits reduce competition from other hunters.	5%	21%	36%	32%	6%
16. I would favor one statewide permit good for all state sites.	5%	14%	24%	33%	23%

17. Did you apply for a special hunts (Special hunts on DNR sites, Controlled hunts, Free upland game hunts, Duck blinds, Goose permit areas, during the 1999-2000 season?

	Number of Respondents	Percent Response
Yes	251	15%
No	1410	85%

17a. If you answered "Yes", what game did you apply to hunt? Please give the number of applications you submitted.

Game Hunted:	Number of Applications Submitted:	Number of Hunters
Deer	105	90
Ducks	78	76
Upland game	106	60
Geese	66	59
Doves	37	36
Turkey	31	30
Youth hunts	13	8
Other (See appendix G)	10	10

18. Were you successful in drawing a permit for a special hunt during the 1999-2000 season?

	Number of Respondents	Percent Response
Yes	222	30%
No	505	70%

18a. If you answered "Yes", for what game did you receive a permit to hunt? n=222

Type of game:	Number of Special Hunt Permit Holders	Percent Response
Deer	109	49%
Pheasants	59	27%
Geese	38	17%
Ducks	27	12%
Doves	25	11%
Other (See appendix G.)	24	11%

19. How often do you apply for a free upland hunt, upland game fee hunt, or waterfowl hunt (fee required) permit? (n=1108)

	Number of Respondents	Percent Response
Every year	149	13%
Most years	48	4%
Occasionally	86	8%
Rarely	759	69%
Never	66	6%

20. What type of permit do you usually apply for?

Type of Permit:	Number of Hunters	Percent Response
Waterfowl hunt	159	9%
Upland game fee hunt	149	8%
Free upland hunt	114	6%
Dove hunt	96	5%
Youth deer hunt	27	1%
Youth pheasant hunt	13	<1%
Special deer hunt for hunters with disabilities	12	<1%

21. Have you ever received a permit for a free upland hunt, controlled hunt, or waterfowl hunt?

	Number of Respondents	Percent Response
Yes	188	13%
No	1228	87%

22. Have you ever missed a permit deadline for a season you wanted to hunt?

	Number of Respondents	Percent Response
Yes	482	35%
No	887	65%

Please rate the following:

	Very Easy	Somewhat Easy		Somewhat Difficult	Very Difficult
23. Process for getting permits for free upland game hunts.	9%	28%	41%	16%	6%
24. Application process for special hunt permits.	12%	35%	30%	19%	5%
25. Finding information about specific site regulations.	10%	29%	19%	35%	8%
26. Obtaining site permits for state areas prior to the hunting season.	10%	27%	32%	26%	6%
27. Obtaining site permits for state areas the day before a hunt.	3%	11%	24%	32%	30%

28. Did you hunt on a private preserve where you paid a fee to hunt (fee paid for day, week, month, season)?

	Number of Respondents	Percent Response
Yes	222	15%
No	1257	85%

28a. If "Yes", what species did you hunt?

Specie Hunted:	Number of Hunters
Pheasants	180
Quail	87
Ducks	28
Geese	27
Partridge	24
Doves	14
Deer	11
Other (See appendix G.)	26

Section 4. Hunting Information

1. How often do you refer to the Digest of Hunting and Trapping Regulations?
(n = 1685)

	Number of Respondents	Percent Response
Never	186	11%
Rarely	184	11%
Occasionally	778	46%
Often	537	32%

2. How useful do you find the Illinois Digest of Hunting and Trapping Regulations for information on permits and application deadlines?
(n = 1615)

	Number of Respondents	Percent Response
Not Useful	153	9%
Somewhat Useful	706	44%
Very Useful	756	47%

3. How important to you are the following sources for information about seasons, hunting permits, site permits and places to hunt?

	Unimportant	Moderately Important	Very Important
Illinois Digest of Hunting and Trapping Regulations	8%	29%	63%
DNR employees at Springfield offices	42%	37%	21%
DNR employees at Regional offices	38%	39%	22%
Staff at site office	33%	39%	29%
Conservation Police Officers	28%	34%	38%
Postings at site	24%	38%	38%
License vendor	30%	36%	35%
Internet	52%	29%	18%
Sportsmen's club meetings	56%	33%	11%
Sportsmen's Club Newsletter	57%	32%	11%
Newspaper	31%	44%	25%
Outdoor Illinois magazine	26%	41%	33%
Magazines (other than Outdoor Illinois)	41%	42%	17%
Television/Radio	52%	35%	13%
Friends/Family	19%	42%	39%
Hunters in the Field	30%	40%	31%
Other (See appendix G)	0%	14%	86%

Please rate the following.

	Very Easy	Somewhat Easy		Somewhat Difficult	Very Difficult
4. Directions on application forms for deer permits.	46%	32%	15%	6%	1%
5. Directions on application forms for turkey permits.	34%	26%	31%	7%	2%
6. Understanding regulations in Digest of Hunting and Trapping.	31%	38%	21%	8%	3%
7. Deadlines for permit applications found in Hunting Digest.	32%	34%	25%	6%	3%
8. Directions for permit applications found in Hunting Digest.	28%	34%	28%	7%	3%
9. Finding information on new places to hunt.	9%	18%	27%	27%	20%

10. Do you subscribe to Outdoor Illinois magazine?
(n = 1634)

	Number of Respondents	Percent Response
Yes	395	24%
No	1239	76%

If not, what are your reasons? (See Appendix G)

Section 5. Deer Hunting

Please rate the following for the 1999-2000 season:

	Poor	Fair	Good	Excellent	Didn't Hunt
1. The amount of deer you saw during the first firearm season.	23%	23%	26%	16%	11%
2. The amount of opportunities you had to shoot at deer during the first firearm season.	32%	20%	22%	16%	11%
3. The amount of deer you saw during the second firearm season.	30%	21%	18%	9%	23%
4. The amount of opportunities you had to shoot at deer during the second firearm season.	39%	17%	12%	8%	24%
5. The amount of deer harvested by <u>all</u> members of your hunting party during the season.	26%	25%	25%	15%	10%

6. How would you rate the 1999 firearm deer season?
(n = 1224)

	Number of Respondents	Percent Response
Poor	317	26%
Fair	356	29%
Good	394	32%
Excellent	157	13%

7. If you were successful in harvesting a deer in the 1999-2000 season, where did you get your deer processed?

(n = 857)

	Number of Respondents	Percent Response
I process my own deer	446	52%
Commercial meat processor (butcher shop, packaging plant, meat locker, etc.)	338	39%
Private processor who specializes in deer processing only	66	8%
Grocery Store	5	1%
Other (See appendix G)	2	<1%

8. If you processed your own deer, do you take any meat (for burger, sausage, etc.) to any of the following?
(n = 208)

	Number of Respondents	Percent Response
Commercial meat processor (butcher shop, packaging plant, meat locker, etc.)	173	83%
Private processor who specializes in deer processing only	34	16%
Other (See appendix G)	1	<1%

Section 6

1. How many years have you hunted in Illinois?
Mean = 30 years

2. How many years have you lived in Illinois?
(n = 1740)

	Number of Respondents	Percent Response
Less than one year	4	<1%
1-5 years	22	1%
6-10 years	29	2%
11-15 years	36	2%
16-20 years	125	7%
All my life	1524	88%

3. County of residence for respondents of the 1999-00 Hunter Harvest Survey.

County	Number of Residents	County	Number of Residents	County	Number of Residents
Adams	46	Hardin	1	Morgan	19
Alexander	3	Henderson	12	Moultrie	13
Bond	13	Henry	35	Ogle	16
Boone	6	Iroquois	7	Peoria	29
Brown	8	Jackson	21	Perry	19
Bureau	14	Jasper	9	Piatt	3
Calhoun	9	Jefferson	14	Pike	21
Carroll	5	Jersey	30	Pope	9
Cass	18	JoDaviess	30	Pulaski	9
Champaign	21	Johnson	6	Putnam	2
Christian	10	Kane	30	Randolph	27
Clark	8	Kankakee	14	Richland	9
Clay	3	Kendall	10	Rock Island	32
Clinton	27	Knox	31	St. Clair	89
Coles	20	Lake	24	Saline	5
Cook	64	LaSalle	52	Sangamon	29
Crawford	12	Lawrence	20	Schuyler	19
Cumberland	6	Lee	4	Scott	4
DeKalb	11	Livingston	15	Shelby	16
DeWitt	8	Logan	10	Stark	4
Douglas	8	McDonough	19	Stephenson	23
DuPage	24	McHenry	17	Tazewell	25
Edgar	10	McLean	41	Union	2
Edwards	10	Macon	37	Vermilion	8
Effingham	15	Macoupin	32	Wabash	19
Fayette	15	Madison	85	Warren	11
Ford	4	Marion	15	Washington	10
Franklin	20	Marshall	6	Wayne	15
Fulton	28	Mason	12	White	5
Gallatin	4	Massac	2	Whiteside	22
Greene	22	Menard	3	Will	35
Grundy	12	Mercer	11	Williamson	21
Hamilton	6	Monroe	10	Winnebago	17
Hancock	31	Montgomery	21	Woodford	14

4. As an Illinois resident, have you hunted as a nonresident in other states?
(n = 1740)

	Number of Respondents	Percent Response
Yes	752	43%
No	988	57%

5. What is your gender?
(n = 1749)

	Number of Respondents	Percent Response
Male	1688	97%
Female	61	3%

6. What is your marital status?
(n = 1747)

Marital Status	Number of Respondents	Percent Response
Single (never married)	244	14%
Married	1334	76%
Divorced/Separated/Widowed	169	10%

7. What is your approximate total (gross) household income?
(n = 1506)

Income	Number of Respondents	Percent Response
Less than \$15,000	109	7%
\$15,000 to \$29,999	284	19%
\$30,000 to \$44,999	350	23%
\$45,000 to \$59,999	313	21%
\$60,000 to \$74,999	191	13%
Over \$75,000	259	17%

8. Please give your age.
Mean = 47 years

9. Besides hunting, in what other recreation activities do you participate?
(n=1808)

Activity	Number or Respondents	Percent Response
Fishing	1527	84%
Mushroom hunting	1142	63%
Camping	865	48%
Boating/canoeing	847	47%
Sport shooting	767	42%
ATV riding	583	32%
Golf	505	28%
Hiking	484	27%
Bird watching	306	17%
Cycling	256	14%
Water skiing	208	12%
Horseback riding	198	11%
Snowmobiling	144	8%
Snow skiing	131	7%
Trapping	117	6%
Tennis	51	3%
Other (See appendix G)	77	4%

9a. If you go camping, how often do you camp on state lands in an average year?
(n=1254)

	Number of Respondents	Percent Response
Often (more than 6 times)	100	8%
Occasionally (3 to 5 times)	303	24%
Rarely (1 to 2 times)	383	30%
Never	468	37%

Appendix G

Write-in responses to the selected items from the 1999-2000 Illinois Hunter Harvest Survey.

Section 1. Question 2 other: Other reasons for not hunting in Illinois during the 1999-2000 season.

<u>Reason</u>	<u>Frequency</u>
Did not want to go	6
Waterfowl season too early	3
Did not buy a license	2
Hunting pressure	2
Maintained a private refuge	2
License fees and stamps too high	2
Work schedule	2
No FOID card	1
Buy a license to help state	1
Hunting rights	1
Lost license and stamp	1
Missed deadline	1

Section 1 - Question 4 other: Where did you purchase your license?

<u>Type of Vendor</u>	<u>Frequency</u>
Local Businesses	254
Government Offices	109
DNR - State parks, Sport shows, etc.	17
Hunting club or other type of club	4

Section 3. Question 2: Please list sites you hunted.

<u>Name of Site</u>	<u>Frequency Per Site</u>
Site M - Cass county	34
Des Plaines Conservation Area	26
Rend Lake WMA	23
Carlyle Lake Area WMA	19
Shelbyville WMA	18
Moraine View SP	13
Eldon Hazlet State Park	12
Crab Orchard Refuge, Horseshoe Lake SP, & Clinton Lake	11
Chain of Lakes SP, & Silver Springs SP	10
Sanganois CA	9
Shawnee National Forest & Kankakee River SP	8
Snake Den Hollow FWA, Johnson Sauk Trail, Ten Mile Creek, Sand Ridge SF, Stephen Forbes SP, & Mississippi Palisades SP	7
Iroquois County CA, Siloam Springs SP, Marseilles FWA, Kaskaskia River FWA, Sangchris Lake SP, Anderson Lake FWA, & Pyramid SP	6
Union County Refuge CA, Pere Marquette SP & General State Lands	5
Big River State Forest, Stump Lake WMA, Newton CIPS FW, Rice Lake FWA, Baldwin, Beall Woods SP, Lowden-Miller SF, Oakwood Bottoms, Middle Fork SP, Turkey Bluff FWA, Heidecke Lake FWA, Wayne Fitzgerrell SP, Jim Edgar Wildlife Area, Big Bend FWA, Castle Rock SP, Randolph County CA, & Saline County FWA	4
Weinberg SP, Banner Marsh FWA, Peabody River King, Mermet Lake CA, Donnelley FWA, Ramsey Lake SP, Mathiessen SP, Fox Ridge SP, Washington County CA, Chauncey Marsh, Shelby County (Okaw area), Mackinaw FWA, Tapley Woods SNA (State Natural Area), Giant City SP, & Ferne Clyffe SP	3
Eagle Creek, Mautino FWA, Riprap Landing, Morrison Rockwood SP, Braidwood Lake FWA, Coffeen Lake FWA, Sato Field FWA, Richland County CA, Walnut Point SP, Glades - 12 mile island, I-24 WMA, Fort DeChartres HS, & Jubilee College SP	2

	<u>Frequency Per Site</u>
Spring Lake FWA, Dolan Lake, Wide Waters, Hurricane Creek PHA, Sam Parr SP, Rockwood State Park, Kinkaid Lake, Dawson Lake, Bob White (Fayette County), Houkeys Point (Clinton County), Shelby Project, Moultrie Dove Field, Ray Norbut FWA, Mississippi River Pool 24, Blanding WMA, Dixon Springs SP, Coon Creek, Lone Point, Green River SWA, Lake Depue, Pheasant Run, Calhoun Point, Wildcat Hollow SF, Cypress Pond, Rock Cut SP, Pekin Lake FWA, Sand Ridge SF, Batchtown FWA, Woodyard SNA, Valley City Dove Hunt, Hidden Springs SF, Montauk, Lincoln Trail SP, Sato Field, Little Grassy Hatchery, Lake Evergreen (McLean Co), Mississippi River Pool 21, Edward R Madigan SP, Kewanee, Fox Ridge SP, Army Corps of Engineers Land, & Shabbona Lake SRA	1

Section 3 - Question 17a other: If you applied for a special hunt permit, what game did you apply to hunt?

<u>Type of Game</u>	<u>Frequency</u>
Pheasants	10

Section 3 - Question 18a other: If you were successful in drawing a permit, what game did you receive a permit to hunt?

<u>Type of Game</u>	<u>Frequency</u>
Turkey	21
Quail	3

Section 3 - Question 28a other: If you hunted on a private game preserve where you paid a fee, what species did you hunt?

<u>Species</u>	<u>Frequency</u>
Chukar	22
Wild boar	1
Turkey	1
Grouse	1
Rabbit	1

Section 4. Question 3 other: Other sources of information used by respondents about seasons, hunting permits, site permits and places to hunt.

<u>Sources of Information</u>	<u>Frequency</u>
Farmers/landowners	6
Organizations/club publications/DU publication	3
Wildlife Biologist	2
Applications	1
Calendar	1
Scouting	1
Information with permit	1

Section 4 - Question 10: Do you subscribe to Outdoor IL magazine? If not, what are your reasons?

<u>Reason</u>	<u>Frequency</u>
No reason, never considered it	96
Do not care for it, not interested	85
Subscription fee too high	79
Borrow one from family member/friend	67
Not aware of it, Never heard of it, seen it, etc.	58
No time to read them	53
Do not have any information on it, never obtained a subscription form, no way to order	50
Receive too many magazines now	38
Let subscription run out	32
Subscribe to similar magazines	29
Not that informative	26
I will subscribe	7
Do not hunt that much	6
I buy from news stand	5
Not worth the money	4
Thinks it should be free to license holders	4
Thinks it is just an endorsement for Brent Manning	2
Stopped putting permit applications in them	2
Too many errors	1
Uses internet for information	1
Gets it free-Hunter Educator	1

Section 5. Question 7 other: Where did you get your deer processed?

<u>Type of Processor</u>	<u>Frequency</u>
Friend	2

Section 5 - Question 8 other: If you processed your own deer, do you take any meat (for burger, sausage, etc.) to any of the following?

<u>Type of Processor</u>	<u>Frequency</u>
Grocery store	1

Section 6. Question 9 other: Besides hunting, in what other recreation activities do you participate?

<u>Recreational Activity</u>	<u>Frequency</u>
Gardening/studying plants	8
Motorcross	7
Shed hunting	6
Scuba diving	5
Bowling	5
Sports	5
Dog shows	4
Wood working	3
Running	3
Flying	3
Car racing/old cars	3
Photography	2
Softball	2
Volleyball	2
Hunt arrowheads	2
Mule riding	1
Basketball	1
Dancing	1
Catching frogs	1
Gold panning	1
4x4 Off-road riding	1
Weight lifting	1
Dog sledding	1
Field trials	1
Ice/roller hockey	1
Compete in a rodeo	1
Teaching bowhunting to young people	1
Demolition derby	1
Traveling	1
Handball	1
Role playing games	1
Paint ball shooting	1

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Division of Wildlife Resources

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