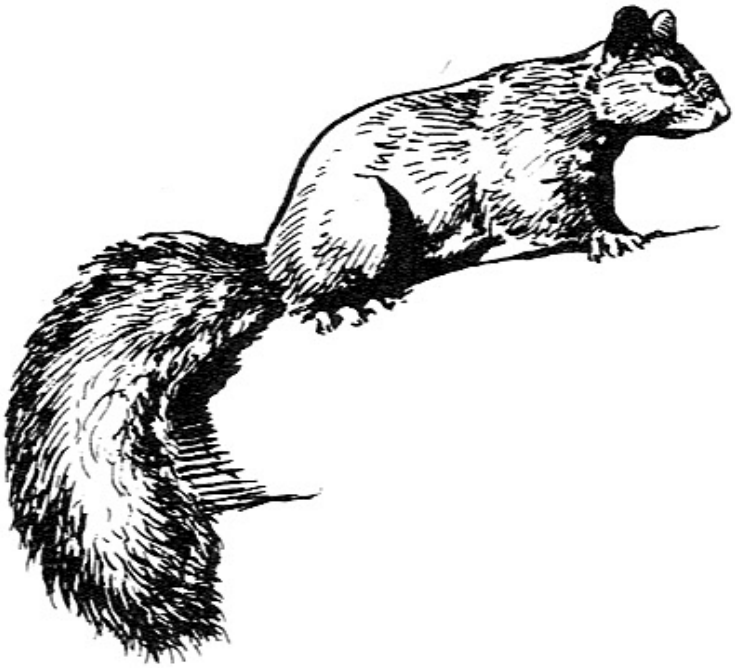
Human Dimensions
Research Program

2012-2013
Illinois Hunter Harvest Report

Illinois Natural History Survey
Prairie Research Institute
University of Illinois at
Urbana-Champaign



Federal Aid Project
Number W-112-R-22
Job Number 101.1
Wildlife Restoration
Oct. 1, 2012-Sept. 30, 2013

Marc Miller, Director
Illinois Department of Natural Resources

Paul Vehlow
Federal Aid Coordinator

John E. Buhnerkempe
Chief, Division of Wildlife Resources

Craig A. Miller, Ph.D.
Program Leader and Principal Investigator
Human Dimensions Research Program
Illinois Natural History Survey

Prepared by
Craig A. Miller, Ph.D.,
Andrew L. Stephenson,
Linda K. Campbell, and
Jeremy P. Clark

INHS Technical Report 2013 (38)
October 14, 2013

Key words: Participation, license purchase, permits, EHD, motivations

Suggested Citation:
Miller, C.A., A.L. Stephenson, L.K. Campbell, and J.P. Clark. 2013. 2012-2013 Illinois Hunter Harvest Report. Job Completion Report, Federal Aid in Wildlife Restoration W-112-R-22. Human Dimensions Research Program Report HR-13-01/INHS Technical Report (38). Illinois Natural History Survey, Champaign, IL. 69pp.

FIGURES, TABLES, AND APPENDICES

Page

Figure 1 ..... **Number of resident hunting licenses purchased in Illinois, 1938-2012** **3**
Figure 2 ..... **Locations where 2012-2013 hunting licenses were purchased** **4**
Figure 3 ..... **Illinois rabbit harvest and hunter activity (2002-2012)** **5**
Figure 4 ..... **Illinois dove harvest and hunter activity (2002-2012)** **5**
Figure 5 ..... **Illinois fox squirrel harvest and hunter activity (2002-2012)** **6**
Figure 6 ..... **Illinois gray squirrel harvest and hunter activity (2002-2012** **6**
Figure 7 ..... **Illinois coyote harvest and hunter activity (2002-2012)** **7**

Table 1 ..... **Number of resident hunting licenses purchased in Illinois, 1938-2012** **12**
Table 2 ..... **Summary of statewide data from the 2012 Hunter Harvest Survey (n=1,606)** **13**
Table 3 ..... **Estimated number (± 95% confidence interval) of Resident Licensed Hunters and Harvest** **14**
Table 4 ..... **Rabbit WMU[a]** **15**
Table 5 ..... **Non-Wild Quail WMU** **15**
Table 6 ..... **Wild Quail WMU** **16**
Table 7 ..... **Non-Wild Pheasant WMU** **16**
Table 8 ..... **Wild Pheasant WMU** **17**
Table 9 ..... **Dove WMU** **17**
Table 10 ..... **Non-Wild Gray Partridge WMU** **18**
Table 11 ..... **Wild Gray Partridge WMU** **18**
Table 12 ..... **Woodcock WMU** **19**
Table 13 ..... **Fox Squirrel WMU** **19**
Table 14 ..... **Gray Squirrel WMU** **20**
Table 15 ..... **Raccoon WMU** **20**
Table 16 ..... **Red Fox WMU** **21**
Table 17 ..... **Gray Fox WMU** **21**
Table 18 ..... **Coyote WMU** **22**
Table 19 ..... **Opossum WMU** **22**
Table 20 ..... **Percent change in harvest from 2011 to 2012 in Wildlife Management Units** **23**
Table 21 ..... **Rabbit AR[b]** **24**
Table 22 ..... **Non-Wild Quail AR** **24**
Table 23 ..... **Wild Quail AR** **25**
Table 24 ..... **Non-Wild Pheasant AR** **25**
Table 25 ..... **Wild Pheasant AR** **26**
Table 26 ..... **Dove AR** **26**
Table 27 ..... **Non-Wild Gray Partridge AR** **27**
Table 28 ..... **Wild Gray Partridge AR** **27**
Table 29 ..... **Woodcock AR** **28**
Table 30 ..... **Fox Squirrel AR** **28**
Table 31 ..... **Gray Squirrel AR** **29**
Table 32 ..... **Raccoon AR** **29**
Table 33 ..... **Red Fox AR** **30**
Table 34 ..... **Gray Fox AR** **30**
Table 35 ..... **Coyote AR** **31**
Table 36 ..... **Opossum AR** **31**
Table 37 ..... **Percent change in harvest from 2011 to 2012 in Administrative Regions** **32**
Table 38 ..... **Distribution of hunting effort and harvest in 2012** **33**
Table 39 ..... **Statewide data from resident Illinois hunters, 2002-2012** **36**
Table 40 ..... **Percent change in statewide harvest (1-year, 5-year, 10-year)** **41**
Table 41 ..... **Distribution of Eurasian collared-dove harvest during the 2012 dove season** **42**
Table 42,43,44,45 ..... **Upland/furbearer hunting exclusions and/or spots lost during the 2012-13 seasons** **43**
Table 46,47,48,49 ..... **Hunters feelings if excluded, and if they had other places to hunt** **44**
Table 50 ..... **Frequency that hunters attended controlled hunts during 2012-13** **45**
Table 51,52,53 ..... **Increase/decrease of deer seen and harvested in comparison to 5 years ago** **45**
Table 54,55,56 ..... **Factors related to hunter perceptions of deer harvest in Illinois** **46**
Table 57, ... **Number of dead deer seen in or next to bodies of water during the past 12 months** **47**
Table 58,59 ..... **Perceptions of the impact of EHD and BTV on the deer population** **48**
Table 60,61,62,63,64 ..... **Support for legal crossbow hunting and number of hunters who hunted with crossbow** **49**
Table 65,66,67 ..... **Costs of crossbows purchased and other items purchased related to crossbow hunting** **50**
Table 68,69 ..... **Planning crossbow purchase in the next 12 months** **51**
Table 70 ..... **Motivations for hunting** **52**
Table 71,72,73 ..... **Feral hog counties, support for "Sustainability Bill", and factors related to deer hunting** **53**
Table 74 ..... **Hunter preferences for a one day hunt** **54**

Appendix A ..... **Illinois Hunter Harvest Survey: 2012-2013 Seasons** **55**
Appendix B ..... **Cover letter that accompanied first mailing of the Illinois Hunter Harvest Survey** **63**
Appendix C ..... **Thank you/reminder postcard sent as a follow-up to the survey mailings** **64**
Appendix D ..... **Cover letter that accompanied second mailing of the Illinois Hunter Harvest Survey** **65**
Appendix E ..... **Map of IDNR Wildlife Management Units** **66**
Appendix F ..... **Map of IDNR Administrative Regions** **67**
Appendix G ..... **Season dates, bag limits and shooting hours for the 2012-2013 hunting seasons in Illinois** **68**

[a] WMU = Wildlife Management Unit
[b] AR = Administrative Region

2012-2013
ILLINOIS HUNTER HARVEST REPORT

JOB COMPLETION REPORT

WILDLIFE HARVEST AND
HUMAN DIMENSIONS RESEARCH PROGRAM

STATE OF ILLINOIS

PROJECT NUMBER: W-112-R-22
STUDY 101
JOB NO. 101.1

Prepared by
Craig A. Miller, Andrew L. Stephenson,
Linda K. Campbell and Jeremy P. Clark
Illinois Natural History Survey
Champaign, IL
October 14, 2013

Federal Aid in Wildlife Restoration
W-112-R-22

Illinois Department of Natural Resources

Marc Miller, Director
Illinois Department of Natural Resources

John E. Buhnerkempe, Chief
Division of Wildlife

Equal opportunity to participate in programs of the Illinois Department of Natural Resources (IDNR) and those funded by the U.S. Fish and Wildlife Service and other agencies is available to all individuals regardless of race, sex, national origin, disability, age, religion or other non-merit factors. If you believe you have been discriminated against, contact the funding source's civil rights office and/or the Equal Employment Opportunity Officer, IDNR, One Natural Resources Way, Springfield, IL 62702-1271; 217/785-0067; TTY 217/782-9175.

Abstract

A random sample of 3,000 hunters was selected from 2012 Illinois Habitat Stamp and hunting license purchasers. Of the sample of 3,000 hunters, 2,944 questionnaires were deliverable. We received 1,643 (56%) questionnaires; 1,606 of which were usable. License sales slightly increased from 2011 (282,183) to the 2012 season (282,698). From the 2011-12 to 2012-13 seasons, harvests for 2 game species increased (dove, red fox), decreased for 10 game species (rabbit, woodcock, snipe, crow, ground hog, fox and gray squirrel, raccoon, coyote and opossum), and did not change for 2 game species (rail and gray fox) and could not be compared for 3 game species (wild quail, wild pheasant, and wild gray partridge). Hunters were also asked about upland/furbearer hunting and their ability to have access to hunt private property, as well as questions about deer hunting motivations. Participants were asked if they supported the "Sustainability Bill" increasing license plate fees by $2 to provide funding for Illinois state parks and other IDNR operations.

Objective

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

Methods

Hunters were randomly selected from the Illinois resident hunting licenses and state habitat stamp database. Of the 3,000 hunters sampled, 1,500 each were selected from license sales and habitat stamp sales. From this sample 56 names were deleted due to lack of forwarding addresses, incorrect addresses, or deceased. Methods for survey questionnaire mailings and

follow-up reminders followed those of Miller et al. (1999). We mailed recipients a self-administered, 8-page questionnaire (Appendix A), cover letter (Appendix B), and postage-paid return envelope on 28 February 2013. This mailing was followed with a thank you/reminder postcard (Appendix C) on 18 March 2013. On 5 April 2013, a second questionnaire, cover letter (Appendix D), and return envelope were mailed to non-respondents, and a second thank you/reminder postcard was mailed on 26 April 2013. Data were coded, entered, and analyzed using SPSS 20.0 (SPSS Inc. 2012). Estimates for species harvests, number of hunters, and days afield were computed using the formulas in Anderson and Campbell (1993). Harvest estimates of game species included only those harvested by Illinois resident hunters; non-resident harvests were not included. In an effort to discern whether some respondents have been reporting non-wild type harvest of certain species (despite instructions to the contrary), hunters were asked to report non-wild quail, pheasant, and partridge harvest. Therefore, estimates of wild quail, pheasant, and partridge harvested during 2011-12 and 2012-13 were calculated differently than past estimates, and comparisons across years are to be made with extreme caution. Once several years of harvest data are accumulated a correction factor will be applied to past years' harvest figures for these three species so direct comparisons will be practical. Maps of state wildlife management units (WMUs) and administrative regions are presented in Appendices E and F, respectively.

Results

License Sales

Resident license sales for the 2012-13 hunting season totaled 282,698 and were slightly higher than the 2011-12 license sales (282,183; Figure 1, Table 1).

We received 1,643 questionnaires, of which 1,606 were usable, for a 56% response rate. Of these, 84% of respondents indicated they had hunted in Illinois during the 2012-13 season (March 2012 – February 2013), and 57% of hunters purchased their license and/or stamp at a chain retail store (Wal-Mart, Dick's Sporting Goods, etc.). Twenty percent of purchases were made on the Illinois Department of Natural Resources (IDNR) website (Figure 2). Only 4% of license purchasers experienced problems when purchasing their license and/or habitat stamp. The most common problems reported were lack of knowledge by store employee and the store's machine not working properly.

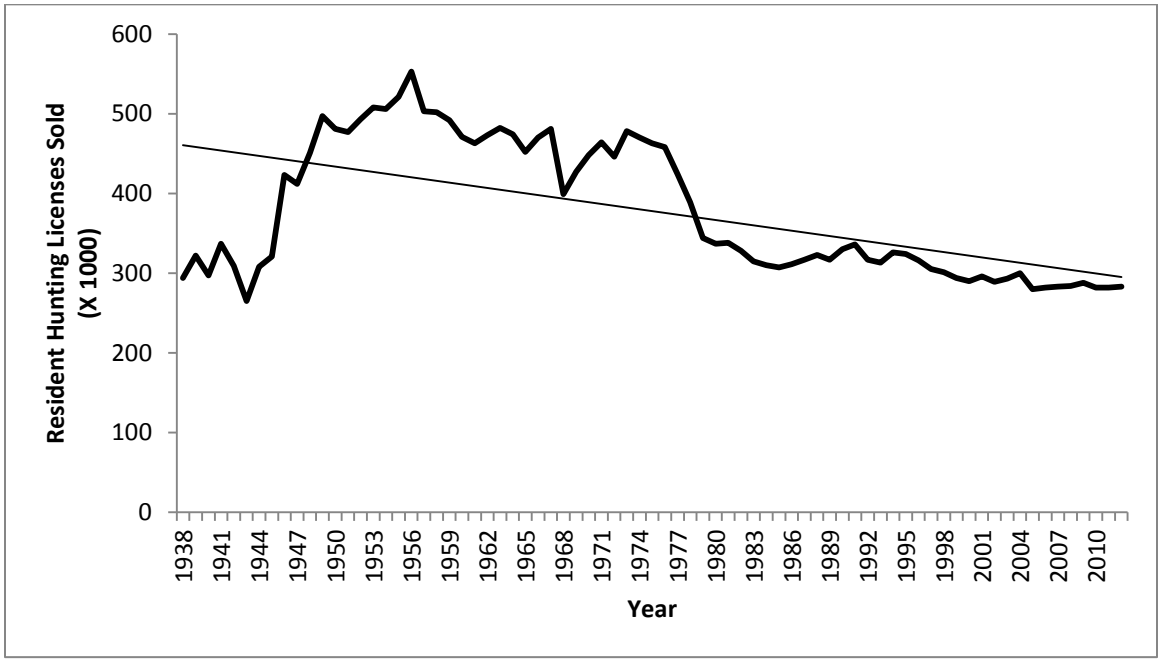


Figure 1. Number of resident hunting licenses purchased in Illinois, 1938-2012.

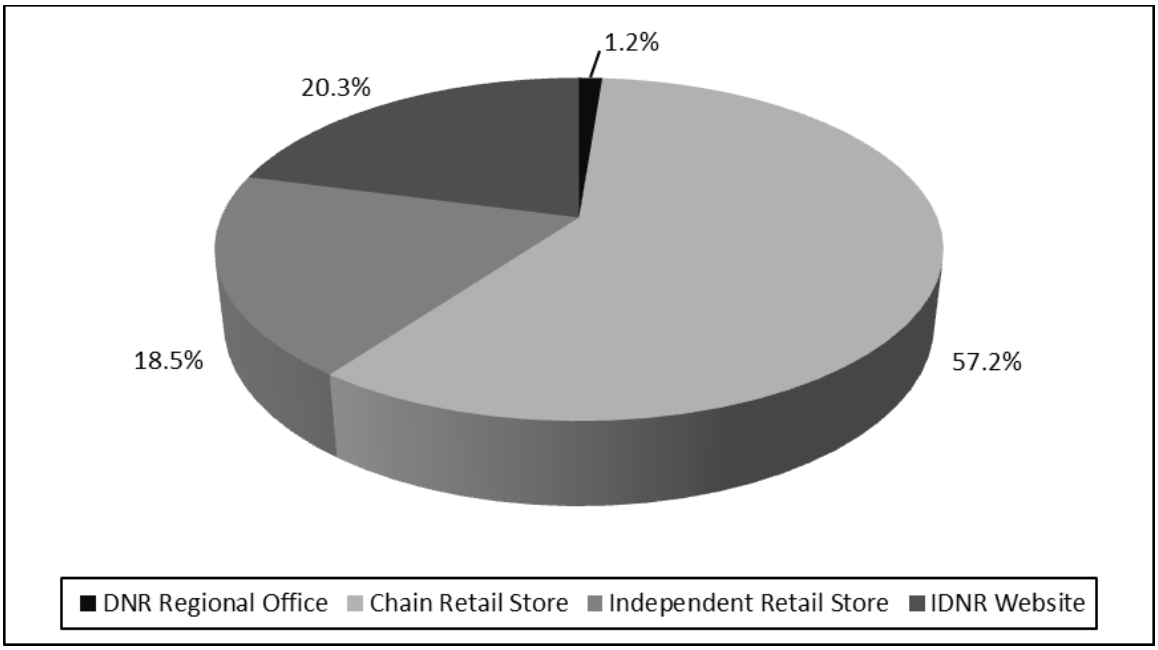


Figure 2. Locations where 2012-2013 hunting licenses were purchased.

Harvest

Harvest estimates for big game species (deer and turkey) are presented in Table 2 along with harvest estimates for other species, and confidence intervals for all 16 species are provided in Table 3. Harvest estimates for these same 16 species are available by wildlife management units (WMUs), administrative regions, and year (2002-2012) in Tables 4-40. Season dates and bag limits for species hunted can be located in Appendix G.

The 2012-13 estimates suggest an increase in harvests for 5 game species from 2011-12: wild quail, wild pheasant, dove, wild gray partridge, and red fox. Decreases in harvest estimates occurred for 10 species: rabbit, woodcock, snipe, crow, ground hog, fox and gray squirrel, raccoon, coyote and opossum. Dove hunters were queried if they had harvested any Eurasian collared-doves during the dove season; 9% of dove hunters had harvested at least one ($\bar{X}$ = 2.45 Eurasian collared-doves) (Table 41). Between-year changes in harvests could not be calculated for rail, because hunters did not report any harvest either this year, the previous year, or both.

Trends in estimated number of hunters, harvest, and days afield for rabbit, dove, fox squirrel, gray squirrel, and coyote from 2002-2012 are provided in Figures 3-7.

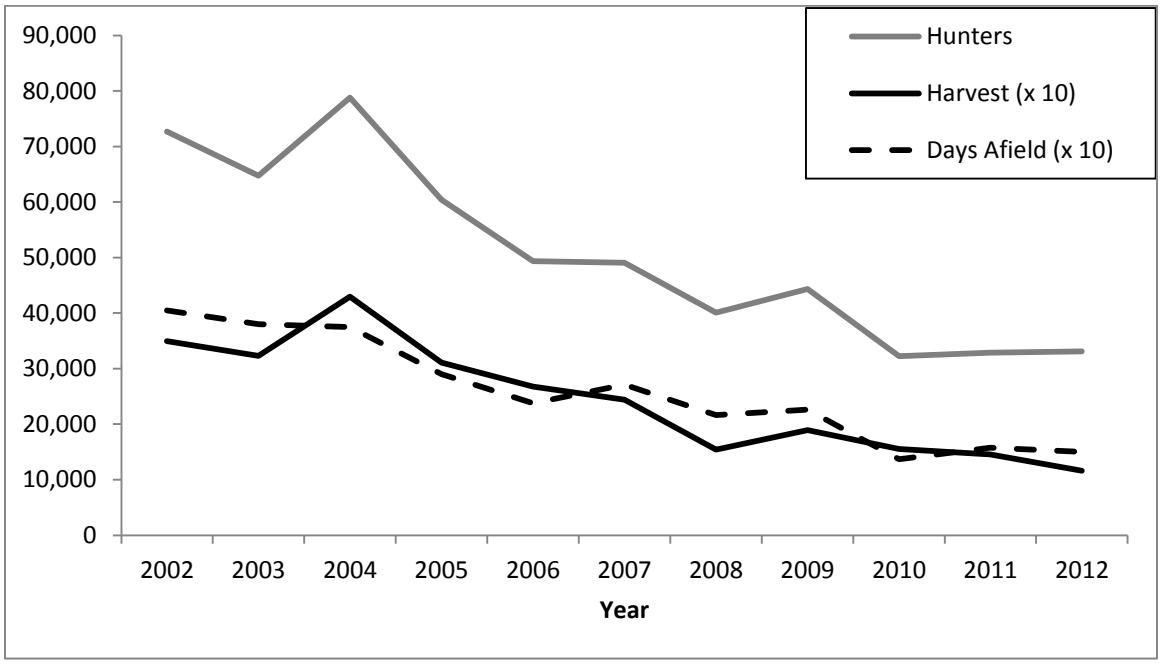


Figure 3. Illinois rabbit harvest and hunter activity (2002-2012).

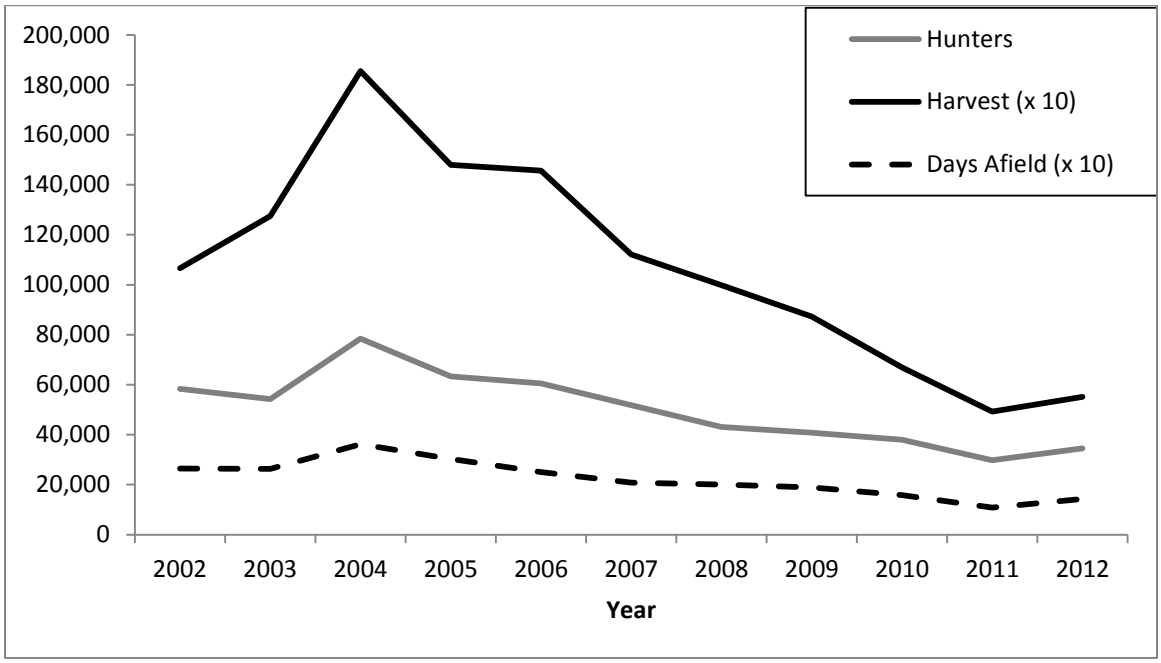


Figure 4. Illinois dove harvest and hunter activity (2002-2012).

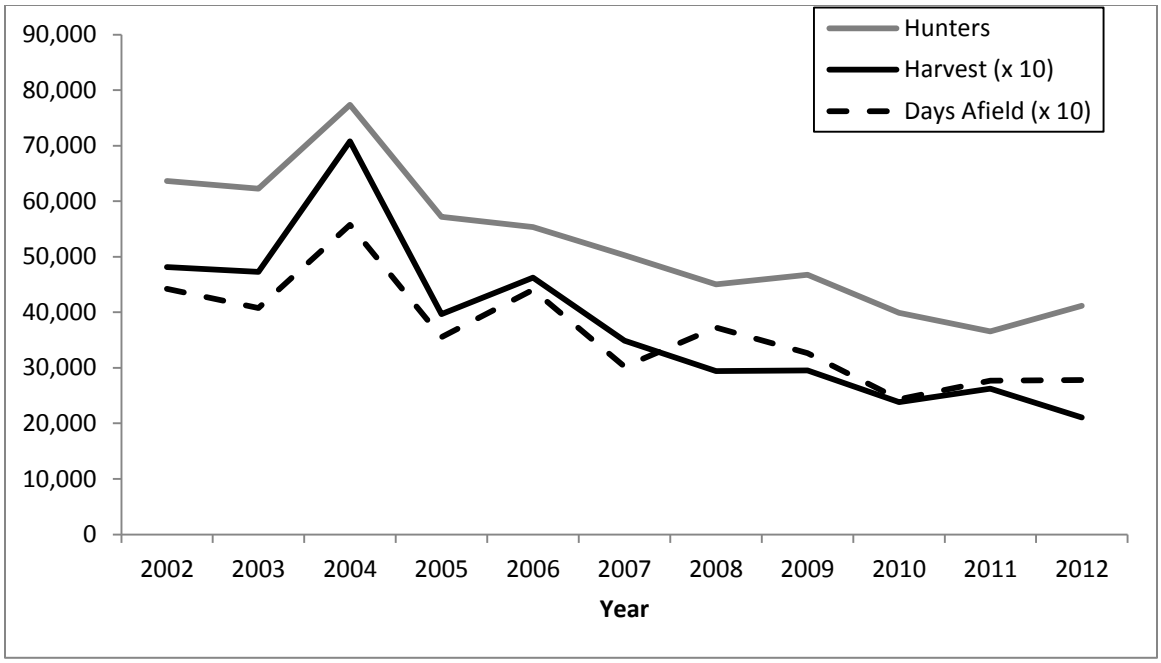


Figure 5. Illinois fox squirrel harvest and hunter activity (2002-2012).

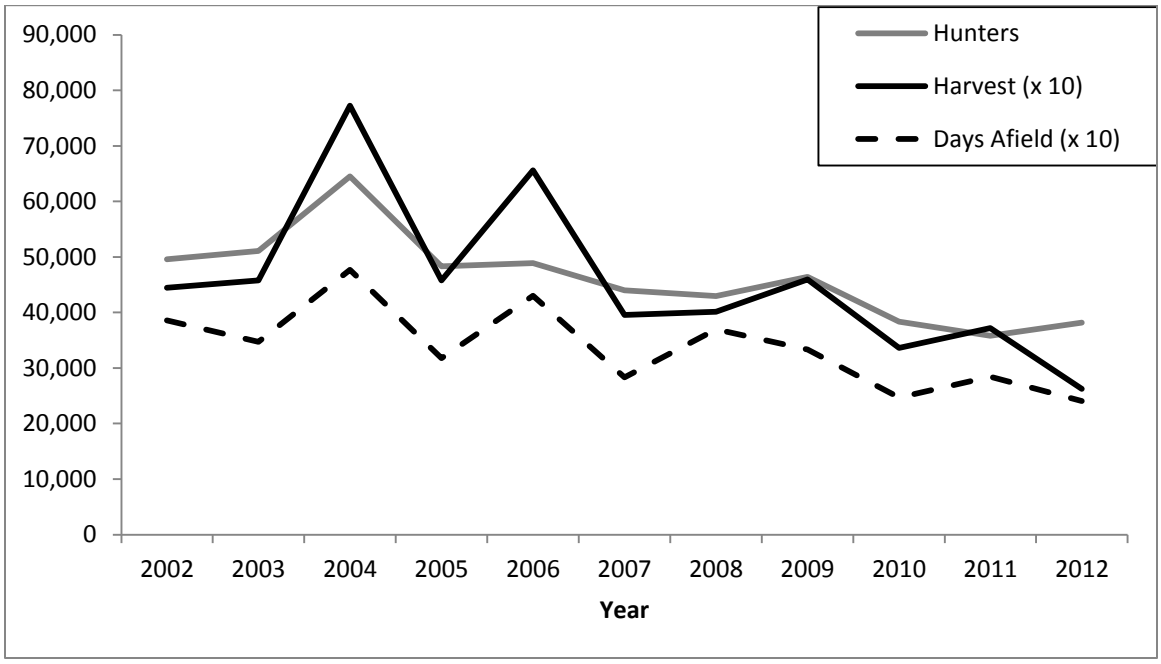


Figure 6. Illinois gray squirrel harvest and hunter activity (2002-2012).

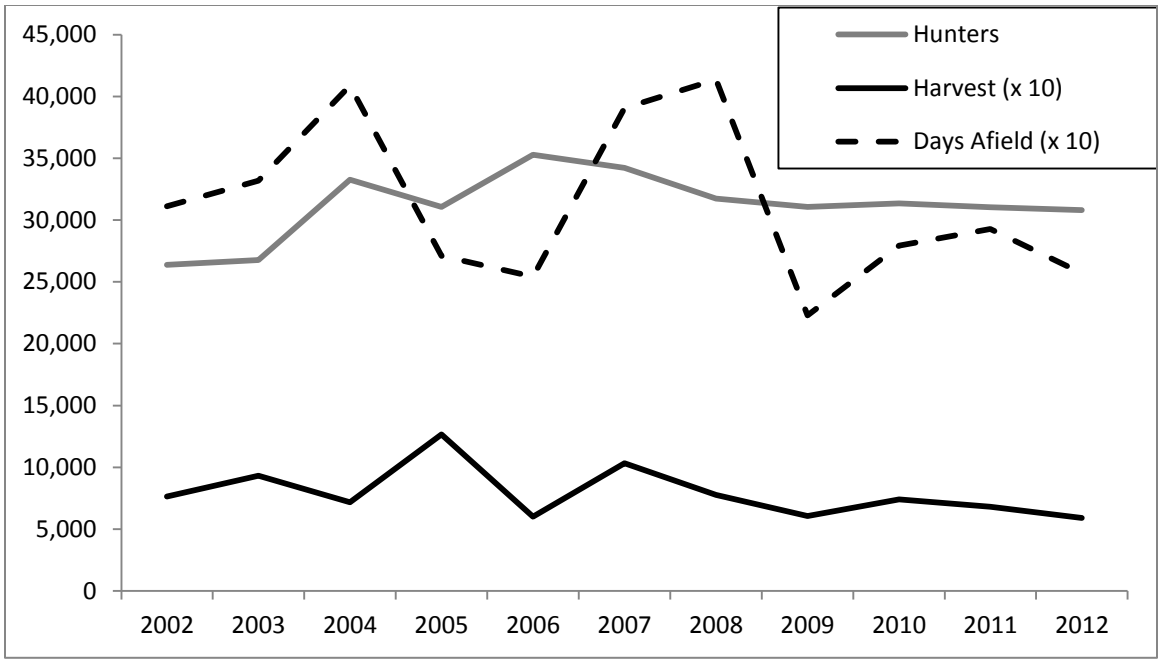


Figure 7. Illinois coyote harvest and hunter activity (2002-2012).

Upland Hunting

The Illinois Department of Natural Resources inquired as to how many upland hunters pursued the following upland species: pheasant, quail, rabbit, and furbearers, and if they have been excluded from hunting private property they previously had permission to hunt in the last 5 years. Out of 253 pheasant hunters that responded, 56 had been denied permission to hunt in the last 5 years; 66 quail hunters, 57 furbearer hunters, and 50 rabbit hunters also said they were denied permission to hunt over the past 5 years (Table 42, 43). Most hunters responded "sometimes" when queried how often this exclusion occurs (Table 44). Hunters were asked how many hunting spots they had completely lost or had delayed access to. About half of the hunters hunting upland game lost spots previously hunted. Sixty two percent were "upset", "very upset" or "extremely upset" (Tables 45, 46). Thirty-six to forty-two percent of hunters did have other places to hunt (Table 47). The number of respondents that were denied permission to hunt new property in the last 5 years was highest for rabbit hunters (70), furbearer (65), pheasant

(58), and quail (56) (Table 48). When asked if they ever hunted non-wild upland game on controlled areas, 66% stated “they never hunted non-wild upland game”, 18% utilized hunting preserves, and 16% had attended controlled pheasant hunts such as IDNR or T. Miller (Table 49). In regard to how often hunters attended controlled hunts during 2012-13, upland game hunters stated “sometimes”, “often” or “always” (22, 11, & 12%, respectively) (Table 50).

Deer Hunting

Seventy-two percent of Illinois hunters hunted deer during the 2012-13 deer seasons (Table 51). Hunters were asked to report whether numbers of deer they saw (Table 52) and their personal deer harvest increased or decreased compared to 5 years ago (Table 53), and what factors explained the change. Hunters who reported their harvest increased (10% of hunters) perceived it was because they had more free time (11%), more deer where they hunt (8%), and/or were sharing venison with friends/family (5%). Hunters who had decreased their deer harvest (46% of hunters) perceived it was due to fewer deer where they hunt (37%), less free time (17%), and/or having trouble finding a place to hunt (14%) (Table 54). Hunters who did not hunt deer during the 2012-13 deer seasons did not hunt because they have never been a deer hunter (33%), did not have enough time (20%), lacked access to a place to hunt (17%), and/or didn’t draw a permit (8%) (Table 55).

Hunter Attitudes Regarding EHD and Bluetongue Virus

Deer hunters were asked if they found any dead deer in or next to bodies of water during the 12 months prior to the survey, and then asked to provide the number of dead deer found. Other questions were then asked regarding their perceptions of the impact of Epizootic

Hemorrhagic Disease (EHD) or Bluetongue virus (BTV) on deer populations in Illinois and areas they hunted during 2012-13 hunting seasons. Nineteen percent of hunters reported seeing one or more dead deer in or next to bodies of water during the 12 months prior to this study (Table 56). Numbers observed ranged from 1 to 75; mode = 2, median = 2 and mean = 4 dead deer found (Table 57). Thirty-seven percent of hunters perceived EHD decreased deer populations to some extent in areas they hunted, whereas 56% did not perceive a difference (Table 58); a greater percentage (56%) stated the deer population had decreased throughout the state due to EHD and BTV, and 31% did not perceive a change (Table 59).

Crossbow Hunting

Illinois recently made it legal for any licensed hunter with a valid archery permit to hunt deer with a crossbow from the second Monday following thanksgiving through the end of the archery hunting season. Sixty-six percent of the hunters supported this change (Table 60). Eight percent of hunters reported they used a crossbow (Table 61). Of the hunters who hunted with a crossbow 68% stated they hunted because of a disability or were ≥ 62 years of age (Table 62). Of hunters who hunted with a crossbow during the 2012-13 season, 41% reported they would have hunted with a compound or recurve bow if they were unable to hunt with a crossbow (Table 63). Four percent of deer hunters responding to this survey reported they purchased a crossbow during the 12 months prior to this study (Table 64), spending on average $580.00 (Table 65), and of those 76% purchased the crossbow in Illinois (Table 66). Twelve percent of hunters plan to purchase a crossbow in the 12 months following this study (Table 68), and expect to spend, on average, $550.00 (Table 69).

Motivations for Hunting

Hunters were provided a series of questions regarding their reasons for hunting on a 7-point scale with 1= “Strongly Disagree” and 7= “Strongly Agree.” A majority of respondents agreed with all statements. Three motivations with the greatest positive responses were “to be close to nature” (96%), “to enjoy the smells and sounds of nature” (94%), and “to harvest animals to eat” (93%). Two least-reported motivations were “to experience the fast-paced nature of hunting” (62%) and to “harvest a trophy animal” (64%) (Table 70).

General Information

Respondents to this survey averaged 40 years of age, and responded from 101 Illinois counties. Respondents had been hunting in Illinois an average of 21 years. Hunters were asked if they observed feral hogs, and attempted to shoot a feral hog; 1% of hunters saw feral hogs in Illinois, and <1% (0.5%) shot or attempted to shoot a hog. Counties in which feral hogs were observed are presented in Table 71. The majority (67%) of hunters supported the IDNR “Sustainability Bill” increasing vehicle license plate fees by $2 to provide sustainable funding for Illinois state parks and other IDNR operations (Table 72). Additionally, 60% of hunters agreed that applying for a deer permit online is easy, and 42% stated that the permit inquiry system is not difficult to use; 40% were unsure (Table 73). Fifty percent of hunters agreed they have difficulty remembering when to apply for deer permits; 57% agreed they can easily find the things they are looking for on the IDNR website.

Survey participants were provided a list of 11 species of animals and asked if they had one day to hunt, which species would they choose to hunt. Most frequent responses were firearm

deer (43%), archery deer (21%), and ducks at (9%) (Table 74). Other species selected less frequently were pheasant, turkey and squirrel.

References

Anderson, W.L., and L.K. Campbell. 1993. Illinois Hunter Harvest Survey, 1992. Illinois Department of Natural Resources, Federal Aid in Wildlife Restoration Project W-112-R, Job 1, Job Completion Report 65pg.

IBM SPSS Inc. 2012. SPSS for Windows. IBM Corporation, 1 New Orchard Road, Armonk NY, U.S.A.

Miller, C.A., L.K. Campbell and K.D. Caldwell. 1999. 1998-99 Illinois Hunter Harvest Survey Report. Illinois Department of Natural Resources, Federal Aid in Wildlife Restoration Project W-112-R-8, Job 1, Job Completion Report 77pg.

Table 1. Number of resident hunting licenses purchased in Illinois, 1938-2012.

Year	Licenses (x 1,000)	Year	Licenses (x 1,000)
1938	294	1975	463
1939	322	1976	458
1940	297	1977	424
1941	337	1978	389
1942	309	1979	344 [a]
1943	265	1980	337
1944	308	1981	338
1945	321	1982	328
1946	423	1983	315
1947	412	1984	310
1948	451	1985	307
1949	497	1986	311
1950	481	1987	317
1951	477	1988	323
1952	493	1989	317
1953	508	1990	330
1954	506	1991	336
1955	521	1992	317
1956	553	1993	313
1957	503	1994	326 [b]
1958	502	1995	324
1959	492	1996	316
1960	471	1997	305
1961	463	1998	301
1962	473	1999	294 [c]
1963	482	2000	290
1964	474	2001	296
1965	452	2002	289
1966	470	2003	293
1967	481	2004	300
1968	399	2005	280
1969	427	2006	282 [d]
1970	448	2007	283
1971	464	2008	284
1972	446	2009	288
1973	478	2010	282
1974	470	2011	282
		2012	283

[a] Includes Sportsmen's (combination hunting/fishing) licenses beginning in 1979.
[b] Includes senior citizen (≥ 65 years) hunting licenses beginning in 1994.
[c] Includes senior citizen (≥ 65 years) Sportsmen's (combination hunting/fishing) licenses beginning in 1999.
[d] Includes apprentice hunting licenses beginning in 2006.

Table 2. Summary of statewide data from the 2012 Hunter Harvest Survey (*n* = 1,606).

Species	Total Estimated Hunters	Percent of License Sales[a]	Average Bag		Total Estimated Harvest	Days Hunting	
			Daily	Season		Average	Total Estimated
Rabbit	33,093	11.71	0.77	3.52	116,353	4.54	150,150
Non-wild Quail	5,105	1.81	1.80	4.90	24,996	2.72	13,906
Wild Quail	11,266	3.99	0.90	4.19	47,175	4.66	52,456
Non-wild Pheasant	24,116	8.53	1.79	6.20	149,622	3.47	83,612
Wild Pheasant	17,427	6.16	0.48	1.69	29,396	3.49	60,905
Dove	34,501	12.20	3.85	15.97	550,962	4.15	143,109
Non-wild Gray Partridge	880	0.31	4.13	12.40	10,914	3.00	2,640
Wild Gray Partridge	704	0.25	0.00	3.25	2,288	6.25	4,401
Woodcock	704	0.25	0.40	1.00	704	2.50	1,760
Snipe	176	0.06	1.00	1.00	176	1.00	176
Rail	176	0.06	0.00	0.00	0	2.00	352
Crow	3,168	1.12	0.64	2.94	9,329	4.61	14,610
Groundhog	2,112	0.75	0.35	1.42	2,992	4.08	8,625
Fox Squirrel	41,190	14.57	0.76	5.11	210,351	6.75	278,121
Gray Squirrel	38,198	13.51	1.09	6.87	262,455	6.30	240,804
Turkey-Spring	44,183	15.63	0.14	0.46	20,243	3.30	145,926
Turkey-Fall Shotgun	6,689	2.37	0.13	0.32	2,112	2.39	16,018
Turkey-Fall Archery	11,618	4.11	0.01	0.18	2,112	14.73	171,097
Deer-Regular Firearm	159,128	56.29	0.15	0.67	105,968	4.42	702,696
Deer-Muzzleloader	24,644	8.72	0.09	0.28	6,865	3.22	79,388
Deer-Archery	82,028	29.02	0.03	0.56	46,295	19.05	1,562,760
Deer-Late winter antlerless	42,422	15.01	0.11	0.29	12,146	2.56	108,608
Deer- Special CWD Season	9,329	3.30	0.05	0.11	1,056	2.13	19,891
Raccoon	10,210	3.61	0.91	8.62	88,013	9.48	96,814
Red Fox	528	0.19	0.29	0.67	352	2.33	1,232
Gray Fox	176	0.06	0.00	0.00	0	1.00	176
Coyote	30,805	10.90	0.23	1.91	58,969	8.34	256,998
Opossum	2,816	1.00	0.45	3.38	9,505	7.44	20,947

[a] Sum across species > 100% because many respondents reported hunting >1 species.

Table 3. Estimated number (± 95% confidence interval) of Resident Licensed Hunters and Harvest in Illinois, 2012 (*n* = 1,606).

Species	*n*	Total Estimated Hunters	Estimated Average Season Bag	Total Estimated Harvest
Rabbit	188	33,093 ± 4,536	3.52 ± 0.82	116,353 ± 36,263
Non-Wild Quail	29	5,105 ± 1,879	4.90 ± 2.36	24,996 ± 88,409
Wild Quail	64	11,266 ± 2,760	4.19 ± 2.60	47,175 ± 35,193
Non-Wild Pheasant	137	24,116 ± 3,941	6.20 ± 1.50	149,622 ± 124,221
Wild Pheasant	99	17,427 ± 3,393	1.69 ± 0.61	29,396 ± 12,820
Dove	196	34,501 ± 4,618	15.97 ± 3.47	550,962 ± 142,411
Non-Wild Gray Partridge	5	880 ± 786	12.40 ± 14.26	10,914 ± 20,597
Wild Gray Partridge	4	704 ± 703	3.25 ± 3.87	2,288 ± 3,330
Woodcock	4	704 ± 703	1.00 ± 1.96	704 ± 1,411
Fox Squirrel	234	41,190 ± 4,978	5.11 ± 1.21	210,351 ± 56,641
Gray Squirrel	217	38,198 ± 4,823	6.87 ± 2.07	262,455 ± 87,138
Raccoon	58	10,210 ± 2,632	8.62 ± 3.98	88,013 ± 46,929
Red Fox	3	528 ± 609	0.67 ± 0.65	352 ± 494
Gray Fox	1	176 ± 352	0.00 ± 0.00	0 ± 0
Coyote	175	30,805 ± 4,396	1.91 ± 0.69	58,969 ± 23,081
Opossum	16	2,816 ± 1,401	3.38 ± 2.37	9,505 ± 8,126

Table 4. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Rabbit (188)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	1,232	3.72	0.38	1.43	1,760	4,577
Northeast Moraine	880	2.66	0.58	2.20	1,936	3,344
Mississippi Border-North	1,232	3.72	1.36	4.29	5,281	3,873
Mississippi Border-South	4,401	13.30	0.62	3.28	14,434	23,411
Western Prairie/Forest	3,344	10.11	0.88	3.05	10,210	11,618
Central Sand Prairie	1,056	3.19	0.06	0.33	352	5,633
Grand Prairie	11,090	33.51	0.96	3.89	43,126	44,887
Southern Plain	7,217	21.81	0.86	4.17	30,100	34,853
Wabash Border	1,760	5.32	0.69	2.90	5,105	7,393
Shawnee Hills	880	2.66	0.38	4.60	4,049	10,562
Unknown	-	-	-	-	-	-

Table 5. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Non-Wild Quail (29)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	528	10.34	0.10	0.33	176	1,760
Northeast Moraine	352	6.90	2.50	7.50	2,640	1,056
Mississippi Border-North	176	3.45	6.00	6.00	1,056	176
Mississippi Border-South	880	17.24	3.20	6.40	5,633	1,760
Western Prairie/Forest	352	6.90	1.09	6.00	2,112	1,936
Central Sand Prairie	176	3.45	1.00	1.00	176	176
Grand Prairie	1,408	27.59	1.48	5.00	7,041	4,753
Southern Plain	1,056	20.69	2.83	5.67	5,985	2,112
Wabash Border	-	-	-	-	-	-
Shawnee Hills	176	3.45	1.00	1.00	176	176
Unknown	-	-	-	-	-	-

Table 6. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Wild Quail (64)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	352	6.90	0.00	0.00	0	352
Northeast Moraine	528	10.34	0.53	3.33	1,760	3,344
Mississippi Border-North	352	6.90	1.50	1.50	528	352
Mississippi Border-South	1,408	27.59	0.67	2.25	3,168	4,753
Western Prairie/Forest	1,232	24.14	0.29	0.57	704	2,464
Central Sand Prairie	352	6.90	0.00	0.00	0	1,584
Grand Prairie	2,112	41.38	0.61	2.50	5,281	8,625
Southern Plain	4,049	79.31	1.14	5.43	22,003	19,363
Wabash Border	704	13.79	1.75	15.75	11,090	6,337
Shawnee Hills	176	3.45	0.50	15.00	2,640	5,281
Unknown	-	-	-	-	-	-

Table 7. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Non-Wild Pheasant (137)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	1,408	5.84	1.19	3.13	4,401	3,697
Northeast Moraine	4,049	16.79	1.73	7.61	30,805	17,779
Mississippi Border-North	528	2.19	1.17	2.33	1,232	1,056
Mississippi Border-South	704	2.92	1.80	2.25	1,584	880
Western Prairie/Forest	1,232	5.11	1.41	3.43	4,225	2,992
Central Sand Prairie	1,408	5.84	1.75	4.38	6,161	3,521
Grand Prairie	11,970	49.64	1.88	7.37	88,189	46,999
Southern Plain	2,464	10.22	2.00	5.14	12,674	6,337
Wabash Border	176	0.73	2.00	2.00	352	176
Shawnee Hills	176	0.73	0.00	0.00	0	176
Unknown	-	-	-	-	-	-

Table 8. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Wild Pheasant (99)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	880	3.65	0.25	0.60	528	2,112
Northeast Moraine	1,232	5.11	0.94	4.43	5,457	5,809
Mississippi Border-North	352	1.46	2.00	3.00	1,056	528
Mississippi Border-South	-	-	-	-	-	-
Western Prairie/Forest	1,232	5.11	0.56	2.57	3,168	5,633
Central Sand Prairie	704	2.92	0.58	2.75	1,936	3,344
Grand Prairie	10,562	43.80	0.35	1.23	13,026	37,670
Southern Plain	2,288	9.49	0.69	1.69	3,873	5,633
Wabash Border	176	0.73	2.00	2.00	352	176
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 9. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Dove (196)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	880	2.55	3.21	12.20	10,738	3,344
Northeast Moraine	1,760	5.10	2.91	13.10	23,059	7,921
Mississippi Border-North	1,056	3.06	2.72	14.50	15,314	5,633
Mississippi Border-South	4,929	14.29	3.93	19.79	97,518	24,820
Western Prairie/Forest	2,464	7.14	3.49	18.21	44,887	12,850
Central Sand Prairie	2,992	8.67	4.41	18.18	54,392	12,322
Grand Prairie	10,562	30.61	4.76	17.28	182,539	38,374
Southern Plain	7,393	21.43	3.11	12.57	92,942	29,924
Wabash Border	1,232	3.57	5.38	20.00	24,644	4,577
Shawnee Hills	1,232	3.57	1.47	4.00	4,929	3,344
Unknown	-	-	-	-	-	-

Table 10. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Non-Wild Gray Partridge (5)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	176	0.00	0.00	0.00	0	880
Northeast Moraine	352	40.00	0.06	22.00	7,745	528
Mississippi Border-North	-	-	-	-	-	-
Mississippi Border-South	176	20.00	0.02	4.00	704	352
Western Prairie/Forest	-	-	-	-	-	-
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	176	20.00	0.08	14.00	2,464	880
Southern Plain	-	-	-	-	-	-
Wabash Border	-	-	-	-	-	-
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 11. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Wild Gray Partridge (4)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	-	-	-	-	-	-
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	-	-	-	-	-	-
Mississippi Border-South	-	-	-	-	-	-
Western Prairie/Forest	-	-	-	-	-	-
Central Sand Prairie	176	20.00	0.01	2.00	352	704
Grand Prairie	352	40.00	0.01	4.50	1,584	3,521
Southern Plain	-	-	-	-	-	-
Wabash Border	176	20.00	0.01	2.00	352	176
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 12. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Woodcock (4)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	176	25.00	0.00	0.00	0	704
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	-	-	-	-	-	-
Mississippi Border-South	176	25.00	0.00	0.00	0	176
Western Prairie/Forest	-	-	-	-	-	-
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	176	25.00	2.00	4.00	704	352
Southern Plain	-	-	-	-	-	-
Wabash Border	-	-	-	-	-	-
Shawnee Hills	176	25.00	0.00	0.00	0	528
Unknown	-	-	-	-	-	-

Table 13. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Fox Squirrel (234)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	1,760	4.27	1.12	3.80	6,689	5,985
Northeast Moraine	352	0.85	0.40	1.00	352	880
Mississippi Border-North	1,936	4.70	1.79	10.73	20,771	11,618
Mississippi Border-South	5,633	13.68	0.42	2.47	13,906	33,093
Western Prairie/Forest	4,929	11.97	0.83	6.14	30,276	36,261
Central Sand Prairie	2,992	7.26	0.93	5.76	17,251	18,483
Grand Prairie	9,505	23.08	0.94	5.69	54,040	57,208
Southern Plain	11,794	28.63	0.56	4.51	53,160	94,526
Wabash Border	1,232	2.99	0.83	4.86	5,985	7,217
Shawnee Hills	1,056	2.56	0.62	7.50	7,921	12,850
Unknown	-	-	-	-	-	-

Table 14. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Gray Squirrel (217)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	2,464	6.45	1.48	5.29	13,026	8,801
Northeast Moraine	880	2.30	0.50	1.40	1,232	2,464
Mississippi Border-North	1,760	4.61	1.06	5.10	8,977	8,449
Mississippi Border-South	7,745	20.28	1.28	7.48	57,913	45,415
Western Prairie/Forest	1,936	5.07	0.89	4.55	8,801	9,857
Central Sand Prairie	1,232	3.23	0.72	4.43	5,457	7,569
Grand Prairie	5,281	13.82	0.78	3.30	17,427	22,355
Southern Plain	12,498	32.72	1.04	8.93	111,600	107,376
Wabash Border	1,408	3.69	0.50	2.13	2,992	5,985
Shawnee Hills	2,992	7.83	1.55	11.71	35,029	22,531
Unknown	-	-	-	-	-	-

Table 15. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Raccoon (58)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	704	6.90	2.14	3.75	2,640	1,232
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	352	3.45	0.86	9.50	3,344	3,873
Mississippi Border-South	1,056	10.34	0.37	2.17	2,288	6,161
Western Prairie/Forest	1,584	15.52	1.93	12.89	20,419	10,562
Central Sand Prairie	352	3.45	4.00	10.00	3,521	880
Grand Prairie	2,464	24.14	0.58	8.21	20,243	35,029
Southern Plain	2,992	29.31	0.67	7.41	22,179	32,917
Wabash Border	528	5.17	2.18	24.67	13,026	5,985
Shawnee Hills	176	1.72	2.00	2.00	352	176
Unknown	-	-	-	-	-	-

Table 16. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Red Fox (3)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	-	-	-	-	-	-
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	-	-	-	-	-	-
Mississippi Border-South	-	-	-	-	-	-
Western Prairie/Forest	-	-	-	-	-	-
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	352	66.67	0.33	0.50	176	528
Southern Plain	176	33.33	0.25	1.00	176	704
Wabash Border	-	-	-	-	-	-
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 17. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Gray Fox (1)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	-	-	-	-	-	-
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	-	-	-	-	-	-
Mississippi Border-South	-	-	-	-	-	-
Western Prairie/Forest	-	-	-	-	-	-
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	176	100.00	0.00	0.00	0	176
Southern Plain	-	-	-	-	-	-
Wabash Border	-	-	-	-	-	-
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 18. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Coyote (175)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	2,112	6.86	0.10	0.50	1,056	10,738
Northeast Moraine	1,760	5.71	0.16	0.90	1,584	9,681
Mississippi Border-North	1,408	4.57	0.23	0.63	880	3,873
Mississippi Border-South	2,816	9.14	0.46	2.94	8,273	17,955
Western Prairie/Forest	4,049	13.14	0.17	1.17	4,753	28,164
Central Sand Prairie	352	1.14	0.24	3.00	1,056	4,401
Grand Prairie	10,562	34.29	0.21	2.35	24,820	117,761
Southern Plain	4,753	15.43	0.13	1.04	4,929	38,902
Wabash Border	2,112	6.86	0.40	4.25	8,977	22,707
Shawnee Hills	880	2.86	0.94	3.00	2,640	2,816
Unknown	-	-	-	-	-	-

Table 19. Summary of 2012 hunting effort and harvest in Wildlife Management Units in Illinois for the species listed below.

Opossum (16)						
Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Northwest Hills	352	12.50	1.33	2.00	704	528
Northeast Moraine	-	-	-	-	-	-
Mississippi Border-North	176	6.25	1.00	2.00	352	352
Mississippi Border-South	352	12.50	0.67	2.00	704	1,056
Western Prairie/Forest	-	-	-	-	-	-
Central Sand Prairie	-	-	-	-	-	-
Grand Prairie	1,056	37.50	0.22	3.33	3,521	15,842
Southern Plain	704	25.00	1.41	6.00	4,225	2,992
Wabash Border	176	6.25	0.00	0.00	0	176
Shawnee Hills	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 20. Percent change in harvest from 2011 to 2012 in Wildlife Management Units for selected species.

Wildlife Management Unit	Rabbit	Non-Wild Quail	Wild Quail[a]	Non-Wild Pheasant	Wild Pheasant[a]	Dove	Fox Squirrel	Gray Squirrel	Raccoon	Red Fox	Gray Fox	Coyote
Northwest Hills	-64	---[b]	---	---[b]	---	+54	-60	-10	-87	---[b]	---[b]	-76
Northeast Moraine	-59	----[b]	---	---[b]	---	+44	-36	-16	---[b]	---[b]	---[b]	+44
Mississippi Border-North	-35	---[b]	---	---[b]	---	+153	+126	+172	-45	---[b]	---[b]	-80
Mississippi Border-South	-38	---[b]	---	---[b]	---	+175	-42	-7	+4	---[b]	---[b]	-48
Western Prairie Forest	-48	----[b]	---	---[b]	---	+1	-55	-64	+18	---[b]	---[b]	-72
Central Sand Prairie	-97	---[b]	---	---[b]	---	-19	+34	+75	---[b]	---[b]	---[b]	-28
Grand Prairie	+74	---[b]	---	---[b]	---	+58	+47	-36	-41	---[b]	---[b]	+155
Southern Plain	+6	---[b]	---	---[b]	---	-38	-24	-25	-15	---[b]	---[b]	-54
Wabash Border	-52	---[b]	---	---[b]	---	-13	-58	-93	+103	---[b]	---[b]	+172
Shawnee Hills	-61	---[b]	---	---[b]	---	-78	-28	-15	---[b]	---[b]	---[b]	---[b]

[a] Differences were not calculated for Wild Quail and Wild Pheasant harvests due to a change in how harvests are calculated.
[b] Percentage change could not be calculated in certain WMU's due to no harvest in 2011 and/or 2012 in those units.

Table 21. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Rabbit (188)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	5,809	17.55	0.62	2.82	16,370	26,580
Region 2	2,112	6.38	0.76	2.58	5,457	7,217
Region 3	5,985	18.09	1.15	4.76	28,516	24,820
Region 4	11,266	34.04	0.66	2.42	27,284	41,190
Region 5	7,921	23.94	0.77	4.89	38,726	50,343
Unknown	-	-	-	-	-	-

Table 22. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Non-Wild Quail (29)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	1,232	10.94	0.30	1.00	1,232	4,049
Region 2	880	7.81	2.79	7.80	6,865	2,464
Region 3	176	1.56	1.25	10.00	1,760	1,408
Region 4	2,112	18.75	2.69	6.50	13,730	5,105
Region 5	704	6.25	1.60	2.00	1,408	880
Unknown	-	-	-	-	-	-

Table 23. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Wild Quail (64)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	1,760	15.63	0.33	0.60	1,056	3,168
Region 2	880	7.81	0.85	7.00	6,161	7,217
Region 3	880	7.81	0.63	1.00	880	1,408
Region 4	4,401	39.06	1.17	4.20	18,483	15,842
Region 5	3,344	29.69	0.83	6.16	20,595	24,820
Unknown	-	-	-	-	-	-

Table 24. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Non-Wild Pheasants (137)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	5,105	29.29	1.75	5.31	27,108	15,490
Region 2	9,681	55.56	1.83	7.16	69,354	37,846
Region 3	3,873	22.22	1.81	8.14	31,509	17,427
Region 4	4,049	23.23	1.66	4.17	16,898	10,210
Region 5	1,408	8.08	1.80	3.38	4,753	2,640
Unknown	-	-	-	-	-	-

Table 25. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Wild Pheasants (99)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	4,225	24.24	0.38	1.50	6,337	16,546
Region 2	2,288	13.13	0.75	3.31	7,569	10,033
Region 3	6,161	35.35	0.41	1.37	8,449	20,595
Region 4	3,697	21.21	0.37	1.10	4,049	10,914
Region 5	1,056	6.06	1.06	2.83	2,992	2,816
Unknown	-	-	-	-	-	-

Table 26. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Doves (196)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	6,865	19.90	3.79	16.54	113,537	29,924
Region 2	2,816	8.16	3.70	14.81	41,718	11,266
Region 3	4,577	13.27	6.08	21.73	99,455	16,370
Region 4	12,850	37.24	3.29	14.44	185,531	56,328
Region 5	7,393	21.43	3.79	14.98	110,720	29,220
Unknown	-	-	-	-	-	-

Table 27. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Non-Wild Gray Partridge (5)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	352	40.00	1.40	7.00	2,464	1,760
Region 2	352	40.00	14.67	22.00	7,745	528
Region 3	-	-	-	-	-	-
Region 4	176	20.00	2.00	4.00	704	352
Region 5	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 28. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Wild Gray Partridge (4)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	-	-	-	-	-	-
Region 2	-	-	-	-	-	-
Region 3	176	25.00	0.90	9.00	1,584	1,760
Region 4	352	50.00	0.14	1.00	352	2,464
Region 5	176	25.00	2.00	1.00	352	176
Unknown	-	-	-	-	-	-

Table 29. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Woodcock (4)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	176	25.00	0.00	0.00	0	704
Region 2	-	-	-	-	-	-
Region 3	-	-	-	-	-	-
Region 4	352	50.00	1.33	2.00	704	528
Region 5	176	25.00	0.00	0.00	0	528
Unknown	-	-	-	-	-	-

Table 30. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Fox Squirrel (234)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	10,033	24.36	0.96	5.56	55,800	57,913
Region 2	528	1.28	0.38	1.00	528	1,408
Region 3	4,225	10.26	1.21	9.00	38,022	31,509
Region 4	14,962	36.32	0.80	4.07	60,905	76,043
Region 5	11,442	27.78	0.50	4.82	55,096	111,248
Unknown	-	-	-	-	-	-

Table 31. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Gray Squirrel (217)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	6,689	17.51	1.01	4.68	31,333	31,157
Region 2	1,232	3.23	0.61	1.57	1,936	3,168
Region 3	2,816	7.37	0.94	4.13	11,618	12,322
Region 4	12,850	33.64	1.07	4.90	63,017	58,969
Region 5	14,610	38.25	1.14	10.58	154,551	135,188
Unknown	-	-	-	-	-	-

Table 32. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Raccoon (58)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	2,640	25.86	2.15	7.87	20,771	9,681
Region 2	176	1.72	0.05	3.00	528	10,562
Region 3	1,760	17.24	1.10	17.10	30,100	27,460
Region 4	2,640	25.86	0.78	7.67	20,243	26,052
Region 5	2,992	29.31	0.71	5.47	16,370	23,059
Unknown	-	-	-	-	-	-

Table 33. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Red Fox (3)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	176	33.33	1.00	1.00	176	176
Region 2	176	33.33	0.00	0.00	0	352
Region 3	-	-	-	-	-	-
Region 4	-	-	-	-	-	-
Region 5	176	33.33	0.25	1.00	176	704
Unknown	-	-	-	-	-	-

Table 34. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Gray Fox (1)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	-	-	-	-	-	-
Region 2	-	-	-	-	-	-
Region 3	176	100.00	0.00	0.00	0	176
Region 4	-	-	-	-	-	-
Region 5	-	-	-	-	-	-
Unknown	-	-	-	-	-	-

Table 35. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Coyote (175)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	7,569	24.57	0.23	1.26	9,505	41,014
Region 2	3,697	12.00	0.07	0.57	2,112	28,692
Region 3	5,633	18.29	0.26	3.94	22,179	84,316
Region 4	7,217	23.43	0.19	1.20	8,625	46,119
Region 5	6,689	21.71	0.29	2.47	16,546	56,856
Unknown	-	-	-	-	-	-

Table 36. Summary of 2012 hunting effort and success in administrative regions in Illinois for the species listed below.

Opossum (16)						
Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag		Estimated Total Harvest	Estimated Days Afield
			Daily	Season		
Region 1	880	31.25	1.20	3.60	3,168	2,640
Region 2	176	6.25	0.03	2.00	352	10,562
Region 3	352	12.50	0.22	2.00	704	3,168
Region 4	704	25.00	1.33	7.00	4,929	3,697
Region 5	704	25.00	0.40	0.50	352	880
Unknown	-	-	-	-	-	-

Table 37. Percent change in harvest from 2011 to 2012 in administrative regions for selected species.

Administrative Regions	Rabbit	Non-Wild Quail	Wild Quail[a]	Non-Wild Pheasant	Wild Pheasant[a]	Fox Squirrel	Gray Squirrel	Dove	Raccoon	Red Fox	Gray Fox	Coyote
Region 1	-51	---[b]	---	---[b]	---	-20	+8	+61	-39	---[b]	---[b]	-58
Region 2	-10	---[b]	---	---[b]	---	-42	-70	+31	-64	---[b]	---[b]	+5
Region 3	+92	---[b]	---	---[b]	---	+133	-21	+96	+21	---[b]	---[b]	+504
Region 4	-43	---[b]	---	---[b]	---	-33	-27	+1	-23	---[b]	---[b]	-71
Region 5	-12	---[b]	---	---[b]	---	-35	-34	-29	-26	---[b]	---[b]	+64

[a] Differences were not calculated for Wild Quail and Wild Pheasant harvests due to a change in how harvests are calculated.
[b] Percentage change could not be calculated in certain regions due to no harvest in those regions.

Table 38. Distribution of hunting effort and harvest among resident Illinois hunters in 2012, from the 2012-2013 Illinois Hunter Harvest Survey.

	Days Hunting		Animals Harvested	
	Range	Percent of Hunters	Range	Percent of Hunters
RABBIT	---	---	0	35.6%
	1-5	78.2%	1-5	46.8
	6-10	15.9	6-10	13.3
	11-14	1.6	11-14	0.6
	15-19	1.1	15-19	1.0
	20-24	2.1	20-24	0.0
	25+	1.1	25+	2.7
NON-WILD QUAIL	---	---	0	31.0
	1-5	93.1	1-5	41.4
	6-10	6.9	6-10	10.4
	11-14	0	11-14	3.4
	15-19	0	15-19	3.5
	20-24	0	20-24	10.3
	25+	0	25+	0
WILD QUAIL	---	---	0	51.6
	1-5	76.6	1-5	31.2
	6-10	14.0	6-10	7.8
	11-14	0	11-14	3.2
	15-19	6.3	15-19	1.5
	20-24	1.5	20-24	1.6
	25+	1.6	25+	1.6
NON-WILD PHEASANT	---	---	0	12.4
	1-5	86.1	1-5	55.5
	6-10	8.8	6-10	18.2
	11-14	2.9	11-14	3.0
	15-19	2.2	15-19	4.3
	20-24	0	20-24	0.8
	25+	0	25+	5.8
WILD PHEASANT	---	---	0	49.5
	1-5	82.8	1-5	41.4
	6-10	13.2	6-10	7.1
	11-14	1.0	11-14	0
	15-19	0	15-19	1.0
	20-24	3.0	20-24	1.0
	25+	0	25+	0
DOVE	---	---	0	13.8
	1-5	81.6	1-5	28.0
	6-10	12.3	6-10	14.3
	11-14	1.0	11-14	7.2
	15-19	3.1	15-19	10.7
	20-24	1.5	20-24	8.1
	25+	0.5	25+	17.9

Table 38 – continued.

	Days Hunting		Animals Harvested	
	Range	Percent of Hunters	Range	Percent of Hunters
NON-WILD GRAY PARTRIDGE	---	---	0	20.0
	1-5	100	1-5	40.0
	6-10	0	6-10	0
	11-14	0	11-14	20.0
	15-19	0	15-19	0
	20-24	0	20-24	0
	25+	0	25+	20.0
WILD GRAY PARTRIDGE	---	---	0	25.0
	1-5	50.0	1-5	50.0
	6-10	50.0	6-10	25.0
	11-14	0	11-14	0
	15-19	0	15-19	0
	20-24	0	20-24	0
	25+	0	25+	0
WOODCOCK	---	---	0	75.0
	1-5	100	1-5	25.0
	6-10	0	6-10	0
	11-14	0	11-14	0
	15-19	0	15-19	0
	20-24	0	20-24	0
	25+	0	25+	0
FOX SQUIRREL	---	---	0	19.2
	1-5	63.2	1-5	53.9
	6-10	21.8	6-10	16.2
	11-14	3.5	11-14	1.3
	15-19	3.8	15-19	3.0
	20-24	3.0	20-24	3.8
	25+	4.7	25+	2.6
GRAY SQUIRREL	---		0	19.8
	1-5	66.8	1-5	45.6
	6-10	18.9	6-10	17.5
	11-14	3.7	11-14	4.2
	15-19	4.1	15-19	3.7
	20-24	2.4	20-24	4.6
	25+	4.1	25+	1.4
RACCOON	---	---	0	22.4
	1-5	69.0	1-5	39.7
	6-10	5.1	6-10	17.2
	11-14	3.5	11-14	6.9
	15-19	1.7	15-19	1.7
	20-24	6.9	20-24	1.8
	25+	13.8	25+	10.3

Table 38 – continued.

	Days Hunting		Animals Harvested	
	Range	Percent of Hunters	Range	Percent of Hunters
RED FOX	---	---	0	33.3
	1-5	100	1-5	66.7
	6-10	0	6-10	0
	11-14	0	11-14	0
	15-19	0	15-19	0
	20-24	0	20-24	0
	25+	0	25+	0
GRAY FOX	---	---	0	100
	1-5	100	1-5	0
	6-10	0	6-10	0
	11-14	0	11-14	0
	15-19	0	15-19	0
	20-24	0	20-24	0
	25+	0	25+	0
COYOTE	---	---	0	52.6
	1-5	63.4	1-5	47.4
	6-10	18.9	6-10	2.8
	11-14	2.8	11-14	1.7
	15-19	3.5	15-19	1.2
	20-24	3.4	20-24	0.6
	25+	8.0	25+	1.1
OPOSSUM	---	---	0	12.5
	1-5	75.0	1-5	68.8
	6-10	6.3	6-10	12.5
	11-14	12.5	11-14	0
	15-19	0	15-19	0
	20-24	0	20-24	6.2
	25+	6.2	25+	0

Table 39. Statewide data from resident Illinois hunters, 2002-2012.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Hunting	Estimated Total Days Hunting
RABBIT						
2002	72,672	0.86	4.81	349,614	5.57	404,908
2003	64,758	0.85	4.99	323,167	5.87	379,830
2004	78,768	1.14	5.45	429,460	4.76	375,013
2005	60,431	1.07	5.15	311,011	4.80	290,349
2006	49,350	1.13	5.43	267,782	4.81	237,525
2007	49,054	0.90	4.97	243,874	5.53	271,107
2008	40,077	0.71	3.85	154,216	5.40	216,255
2009	44,312	0.84	4.27	189,254	5.10	226,152
2010	32,225	1.13	4.83	155,552	4.25	137,089
2011	32,863	0.93	4.44	145,773	4.79	157,523
2012	33,093	0.77	3.52	116,353	4.54	150,150
WILD QUAIL						
2002	34,124	1.13	6.83	233,181	6.06	206,640
2003	30,044	1.15	6.80	204,236	5.91	177,617
2004	38,913	1.22	6.77	263,293	5.55	216,064
2005	29,983	1.44	8.16	244,521	5.67	170,108
2006	24,918	1.48	7.95	198,207	5.38	133,972
2007	24,614	1.34	7.67	188,710	5.74	141,227
2008	21,962	1.04	6.88	151,170	6.64	145,720
2009	16,948	1.18	7.31	123,933	6.21	105,220
2010	14,110	1.64	7.07	99,812	4.32	60,967
2011	---[a]	---	---	---	---	---
2012	---[a]	---	---	---	---	---
WILD PHEASANT						
2002	50,080	0.52	2.84	142,026	5.46	273,625
2003	50,592	0.66	3.60	181,976	5.42	274,287
2004	55,075	0.67	3.63	200,059	5.44	299,696
2005	44,430	0.67	3.31	146,961	4.93	218,888
2006	38,509	0.72	3.08	118,763	4.26	164,067
2007	35,961	0.58	2.86	102,822	4.95	177,887
2008	29,016	0.73	3.56	103,399	4.86	140,911
2009	22,244	0.64	2.89	64,262	4.48	99,747
2010	24,213	0.70	2.66	64,451	3.83	92,670
2011	---[a]	---	---	---	---	---
2012	---[a]	---	---	---	---	---
DOVE						
2002	58,295	4.03	18.29	1,066,379	4.54	264,620
2003	54,172	4.84	23.53	1,274,765	4.86	263,390
2004	78,455	5.13	23.65	1,855,135	4.61	361,989
2005	63,383	4.89	23.35	1,479,709	4.78	302,777
2006	60,514	5.81	24.07	1,456,542	4.14	250,631
2007	51,847	5.38	21.62	1,120,739	4.02	208,437
2008	43,123	4.98	23.14	997,917	4.64	200,225
2009	40,781	4.61	21.41	873,182	4.64	189,254
2010	37,974	4.21	17.61	668,547	4.18	158,688
2011	29,742	4.57	16.57	492,765	3.62	107,769
2012	34,501	3.85	15.97	550,962	4.15	143,109

Table 39 - continued.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Hunting	Estimated Total Days Hunting
WILD GRAY PARTRIDGE						
2002	158	0.00	0.00	0	1.00	158
2003	623	0.44	1.00	623	2.25	1,401
2004	0	0.00	0.00	0	0.00	0
2005	311	0.43	3.00	932	7.00	2,175
2006	485	0.50	1.33	647	2.67	1,294
2007	349	1.50	1.50	524	1.00	349
2008	321	0.00	0.00	0	2.50	802
2009	0	0.00	0.00	0	0.00	0
2010	697	0.60	1.50	1,045	2.50	1,742
2011	---[a]	---	---	---	---	---
2012	---[a]	---	---	---	---	---
WOODCOCK						
2002	1,738	0.15	0.73	1,264	4.82	8,373
2003	1,090	0.41	1.57	1,712	3.86	4,203
2004	1,569	0.44	1.10	1,726	2.50	3,923
2005	621	0.83	1.25	777	1.50	932
2006	1,133	0.25	0.43	485	1.71	1,942
2007	524	0.60	1.00	524	1.67	873
2008	802	0.18	0.60	481	3.40	2,725
2009	1,059	0.00	0.00	0	4.67	4,943
2010	1,219	0.72	1.14	1,394	1.57	1,916
2011	1,102	0.50	1.67	1,836	3.33	3,672
2012	704	0.40	1.00	704	2.50	1,760
SNIPE						
2002	158	1.00	1.00	158	1.00	158
2003	778	1.58	3.80	2,958	2.40	1,868
2004	0	0.00	0.00	0	0.00	0
2005	311	0.75	1.50	466	2.00	621
2006	485	1.80	3.00	1,456	1.67	809
2007	349	1.00	2.50	873	2.50	873
2008	160	0.00	0	0	10.00	1,603
2009	530	0.18	1.33	706	7.33	3,884
2010	348	1.25	5.00	1,742	4.00	1,394
2011	551	1.00	1.33	734	1.33	734
2012	176	1.00	1.00	176	1.00	176
RAIL						
2002	474	1.00	2.67	1,264	2.67	1,264
2003	156	0.00	0.00	0	2.00	311
2004	0	0.00	0.00	0	0.00	0
2005	466	0.40	0.67	311	1.67	777
2006	324	3.00	6.00	1,942	2.00	647
2007	0	0.00	0.00	0	0.00	0
2008	160	0.00	0.00	0	10.00	1,603
2009	177	0.00	0.00	0	20.00	3,531
2010	174	0.00	0.00	0	1.00	174
2011	367	0.00	0.00	0	1.00	367
2012	176	0.00	0.00	0	2.00	352

Table 39 - continued.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Hunting	Estimated Total Days Hunting
CROW						
2002	8,373	1.51	7.23	60,507	4.79	40,127
2003	4,826	2.21	9.35	45,144	4.23	20,393
2004	7,689	3.41	18.08	139,021	5.31	40,796
2005	5,748	0.82	4.22	24,235	5.16	29,672
2006	6,310	2.73	8.62	54,365	3.15	19,902
2007	5,237	3.38	8.90	46,610	2.63	13,791
2008	4,489	1.55	9.75	43,764	6.29	28,214
2009	4,414	2.20	12.24	54,022	5.56	24,539
2010	3,135	4.30	13.39	41,980	3.11	9,755
2011	3,121	1.24	3.65	11,383	2.94	9,180
2012	3,168	0.64	2.94	9,329	4.61	14,610
GROUNDHOG						
2002	2,844	0.48	2.83	8,057	5.89	16,746
2003	5,604	0.49	4.42	24,751	9.11	51,059
2004	5,021	0.95	4.78	24,007	5.03	25,262
2005	4,816	0.61	2.90	13,982	4.74	22,836
2006	3,236	0.56	4.30	13,915	7.70	24,918
2007	1,571	0.62	8.11	12,744	13.00	20,425
2008	4,649	0.56	2.69	12,504	4.83	22,443
2009	3,531	0.86	5.65	19,949	6.55	23,127
2010	2,961	0.52	2.00	5,923	3.82	11,322
2011	3,488	0.72	3.32	11,566	4.58	15,973
2012	2,112	0.35	1.42	2,992	4.08	8,625
FOX SQUIRREL						
2002	63,667	1.09	7.56	481,213	6.95	442,508
2003	62,267	1.16	7.59	472,608	6.55	407,539
2004	77,356	1.27	9.15	707,660	7.21	557,498
2005	57,169	1.12	6.94	396,764	6.22	355,441
2006	55,336	1.05	8.36	462,430	7.96	440,425
2007	50,276	1.15	6.94	348,791	6.01	302,355
2008	45,047	0.79	6.53	294,005	8.27	372,556
2009	46,784	0.90	6.31	295,356	6.97	326,251
2010	39,890	0.98	5.98	238,468	6.10	243,171
2011	36,535	0.95	7.19	262,722	7.58	277,042
2012	41,190	0.76	5.11	210,351	6.75	278,121
GRAY SQUIRREL						
2002	49,606	1.15	8.96	444,719	7.78	385,792
2003	51,059	1.32	8.96	457,664	6.80	346,984
2004	64,490	1.62	11.98	772,306	7.40	477,003
2005	48,314	1.44	9.48	457,816	6.58	317,846
2006	48,864	1.52	13.42	655,945	8.80	430,070
2007	43,992	1.40	8.99	395,401	6.44	283,327
2008	42,963	1.09	9.34	401,411	8.60	369,350
2009	46,431	1.38	9.90	459,718	7.17	333,137
2010	38,322	1.36	8.77	336,190	6.45	247,004
2011	35,801	1.31	10.39	372,144	7.95	284,569
2012	38,198	1.09	6.87	262,455	6.30	240,804

Table 39 - continued.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Hunting	Estimated Total Days Hunting
RACCOON						
2002	13,428	1.24	17.81	239,185	14.36	192,896
2003	11,675	1.25	19.39	226,341	15.53	181,353
2004	12,867	1.42	20.26	260,626	14.32	184,211
2005	11,807	1.40	19.32	228,054	13.83	163,273
2006	8,252	1.19	12.20	100,641	10.27	84,784
2007	9,078	1.02	13.46	122,199	13.15	119,406
2008	8,657	1.30	15.33	132,735	11.80	102,116
2009	8,298	1.09	12.19	101,159	11.23	93,215
2010	8,884	1.08	10.18	90,405	9.41	83,612
2011	10,098	1.05	10.80	109,054	10.29	103,914
2012	10,210	0.91	8.62	88,013	9.48	96,814
RED FOX						
2002	2,528	0.08	1.50	3,792	19.00	48,027
2003	1,712	0.22	1.91	3,269	8.82	15,100
2004	3,295	0.07	0.48	1,569	6.48	21,340
2005	2,175	0.07	0.50	1,087	7.14	15,535
2006	1,780	0.19	0.91	1,618	4.82	8,576
2007	2,095	0.08	0.58	1,222	7.42	15,537
2008	1,443	0.04	0.56	802	13.44	19,397
2009	2,295	0.05	0.31	706	6.00	13,770
2010	1,394	0.04	0.13	174	3.38	4,703
2011	918	0.03	0.20	184	6.80	6,242
2012	528	0.29	0.67	352	2.33	1,232
GRAY FOX						
2002	632	0.09	1.75	1,106	20.25	12,797
2003	778	0.05	0.60	467	11.40	8,873
2004	2,040	0.10	0.69	1,412	6.85	13,965
2005	1,087	0.00	0.00	0	10.57	11,496
2006	647	0.38	2.00	1,294	5.25	3,398
2007	349	0.00	0.00	0	15.00	5,237
2008	641	0.02	0.25	160	13.50	8,657
2009	1,412	0.00	0.00	0	6.13	8,651
2010	1,045	0.04	0.17	174	4.00	4,181
2011	918	0.03	0.20	184	6.80	6,242
2012	176	0.00	0.00	0	1.00	176

Table 39 - continued.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Hunting	Estimated Total Days Hunting
COYOTE						
2002	26,383	0.25	2.90	76,463	11.79	311,067
2003	26,775	0.28	3.48	93,245	12.39	331,729
2004	33,265	0.18	2.16	71,707	12.29	408,748
2005	31,070	0.47	4.07	126,610	8.73	271,086
2006	35,273	0.24	1.71	60,190	7.21	254,191
2007	34,216	0.26	3.02	103,345	11.41	390,513
2008	31,741	0.19	2.45	77,749	13.04	413,755
2009	31,072	0.27	1.95	60,731	7.17	222,797
2010	31,354	0.27	2.36	74,031	8.91	279,229
2011	31,027	0.23	2.20	68,113	9.44	292,831
2012	30,805	0.23	1.91	58,969	8.34	256,998
OPOSSUM						
2002	3,160	0.42	3.95	12,481	9.30	29,385
2003	778	0.50	3.40	2,646	6.80	5,293
2004	2,824	0.49	5.94	16,789	12.11	34,206
2005	2,952	0.43	6.16	18,176	14.26	42,100
2006	1,618	0.48	7.10	11,488	14.80	23,947
2007	1,920	0.76	4.82	9,252	6.36	12,220
2008	2,084	0.75	4.31	8,977	5.77	12,023
2009	2,648	0.99	5.27	13,947	5.33	14,123
2010	2,090	1.48	5.42	11,322	3.67	7,664
2011	2,937	0.59	4.31	12,668	7.31	21,480
2012	2,816	0.45	3.38	9,505	7.44	20,947

[a] Methods used to estimate figures has changed from previous years; thus, figures are not directly comparable.

Table 40. Percent change in statewide harvest by species for 1, 5 and 10 year time periods, from the 2012-2013 Illinois Hunter Harvest Survey.

Species	2012 Estimated Harvest	% Change 1 Year [a]	% Change 5 Years [a]	% Change 10 Years [a]
Rabbit	116,353	-20	-52	-67
Wild Quail	47,175[b]	---	---	---
Wild Pheasant	29,396[b]	---	---	---
Dove	550,962	+12	-51	-48
Wild Gray Partridge	2,288[b]	---	---	---
Woodcock	704	-62	+34	-44
Snipe	176	-76	-80	+11
Rail	0	---	---	-100
Crow	9,329	-18	-80	-85
Groundhog	2,992	-74	-77	-63
Fox Squirrel	210,351	-20	-40	-56
Gray Squirrel	262,455	-29	-34	-41
Raccoon	88,013	-19	-28	-63
Red Fox	352	+91	-71	-91
Gray Fox	0	---	---	-100
Coyote	58,969	-13	-43	-23
Opossum	9,505	-25	+3	-24

[a] From 2011, 2007, and 2002, respectively; see also Table 39.
[b] Methods used to estimate figures has changed from previous years; thus, figures are not directly comparable.

Table 41. Distribution of Eurasian collared-dove harvest during the Illinois 2012 dove season.

Number harvested	Percent of hunters[a]
1	32%
2	36
3	14
4	9
5	--
6	5
7	--
8	5
9	--
10	--

[a] Nine percent of all dove hunters reported harvesting at least one Eurasian collared-dove.

Table 42. Did you hunt the following species during the 2012-13 hunting season.

Species	Number of Hunters	Percent of hunters Yes	No
Pheasant	1,341	19%	81%
Quail	1,254	8	92
Rabbit	1,299	14	86
Furbearers	1,254	10	90

Table 43. In the last 5 years, were you excluded from private property that you *previously* had permission to hunt the following species?

Species	Number respondents that were denied permission to hunt
Pheasant	56
Quail	66
Rabbit	50
Furbearers	57

Table 44. Considering your experience and those of other hunters, how often do you think this exclusion occurs?

	Number of hunters	Percent of hunters
Rarely	176	30%
Sometimes	236	41
Often	169	29

Table 45. In the past 5 years, how many hunting spots have you completely lost or had delayed access too?

Species	Number of spots lost	Number of hunters	Percent of hunters	Number of spots with delayed access	Number of hunters	Percent of hunters
Pheasants	0	49	48.0%	0	34	77.3%
	1-5	53	52.0	1-3	10	22.7
Quail	0	44	50.0%	0	30	81.1%
	1-5	41	46.6	1-4	7	18.9
	>5	3	3.4	-	-	-
Rabbit	0	42	43.8%	0	27	60.0%
	1-5	51	53.1	1-5	18	40.0
	>5	3	3.1	-	-	-
Furbearer	0	47	50.5%	0	30	58.8%
	1-5	40	43.0	1-5	18	35.3
	>5	6	6.5	>5	3	5.9

Table 46. Hunter's feelings if excluded from hunting during 2012-13.

Feeling	Number of hunters	Percent of hunters
Not Upset	48	22.4%
Slightly Upset	33	15.4
Upset	54	25.2
Very Upset	34	15.9
Extremely Upset	45	21.0

Table 47. Did you have other places to hunt for the following species even though you were excluded from one or more properties.

	Number of hunters		Percent of hunters	
Species	Yes	No	Yes	No
Pheasants	80	142	36%	64%
Quail	75	135	36	64
Rabbit	96	135	42	58
Furbearers	82	134	38	62

Table 48. In the last 5 years, have you been denied permission to hunt *new property* for the following species so deer or deer hunters would not be disturbed?

Species	Number respondents that were denied permission to hunt
Pheasant	58
Quail	56
Rabbit	70
Furbearers	65
No	1187

Table 49. Have you ever hunted non-wild upland game at any of the following?

	Number of hunters	Percent of hunters
IDNR or T.Miller controlled pheasant hunts	208	16%
Hunting preserves (lodge, guides, outfitters)	232	18
Never hunted non-wild upland game	863	66

Table 50. Frequency that hunters attended controlled hunts during 2012-13.

	Never	Rarely	Sometimes	Often	Always
Controlled pheasant hunts	40%	20%	15%	9%	15%
Hunting preserves	58	14	10	9	9
Hunting wild upland game	39	16	22	11	12

Table 51. Hunters that deer hunted during the 2012-13 deer season.

Hunted deer	Number of hunters	Percent of hunters
Yes	1124	72%
No	440	28

Table 52. Number of deer seen during the 2012-13 deer season compared to 5 years ago.

	Number of hunters	Percent of hunters
Decreased Considerably	222	21%
Decreased Moderately	178	16
Decreased Slightly	215	20
No Change	288	27
Increased Slightly	81	8
Increased Moderately	73	7
Increased Considerably	24	2

Table 53. Number of deer harvested during the 2012-13 deer season compared to 5 years ago.

	Number of hunters	Percent of hunters
Decreased Considerably	197	19%
Decreased Moderately	118	11
Decreased Slightly	167	16
No Change	455	44
Increased Slightly	68	7
Increased Moderately	20	2
Increased Considerably	15	1

Table 54. Factors related to hunter perceptions of deer harvest in Illinois.

Deer Harvest Increase	Percent of hunters	Deer Harvest Decrease	Percent of hunters
More free time	11%	Fewer deer where I hunt	37%
More deer where I hunt	8	Less free time	17
Share with family/friends	5	Hard to find a place to hunt	14
More permits available	4	Less money	5
More places to hunt	4	Fewer people to feed in my family	2
More people to feed in my family	2	Fewer friends/family wanting a deer	2
More money	2	Difficulty getting a permit	1

Table 55. Deer hunters' reasons for not participating in deer hunting during the 2012-13 deer seasons.

	Percent of hunters
Never been a deer hunter	33%
Not enough time	20
No access to places to hunt	17
Lost interest	12
Didn't draw a permit	8
Poor Health	7
Too expensive	6
Fewer deer where I hunt	5
Deer hunting takes too much effort	1
Other	11

Table 56. Did you see any dead deer in or next to bodies of water during the past 12 months?

	Number of hunters	Percent of hunters
Yes	286	19%
No	1242	81

Table 57. Number of dead deer seen in or next to bodies of water during the past 12 months.

Number of dead deer observed	Number of hunters	(# of dead deer observed x # of hunters)
1	72	72
2	75	150
3	43	129
4	18	72
5	15	75
6	16	96
7	9	63
8	5	40
9	3	27
10	6	60
12	3	36
13	1	13
15	2	30
17	1	17
20	1	20
23	1	23
24	1	24
25	1	25
30	1	30
40	1	40
75	1	75
Unknown	10	-
TOTAL	286	1117

.

Table 58. Perceptions of the impact of EHD[1] and BTV[2] on the deer population during 2012 in areas hunted.

Impact level	Number of hunters	Percent of hunters
Decreased Considerably	99	8%
Decreased Moderately	147	11
Decreased Slightly	226	18
No Change	717	56
Increased Slightly	59	5
Increased Moderately	22	2
Increased Considerably	18	1

[1] Epizootic Hemorrhagic [2] Disease Bluetongue Virus

Table 59. Perceptions of the Impact of EHD (blue tongue) on the deer population throughout the entire state.

Impact level	Number of hunters	Percent of hunters
Decreased Considerably	113	9%
Decreased Moderately	221	18
Decreased Slightly	356	29
No Change	388	31
Increased Slightly	90	7
Increased Moderately	55	4
Increased Considerably	28	2

Table 60. Support for legal crossbow hunting for any licensed hunter with a valid archery permit to hunt deer with a crossbow from the second Monday following Thanksgiving through end of archery season.

Support	Number of hunters	Percent of hunters
Yes	1017	66%
No	233	15
I am not sure	285	19

Table 61. Hunters who hunted with a crossbow in Illinois during the second portion of the archery season (beginning December 3, 2012).

	Number of hunters	Percent of hunters
Yes	86	8%
No	1014	92

Table 62. Of the hunters who hunted with a crossbow, number that stated they hunted because of a disability or 62 years of age or older.

	Number of hunters	Percent of hunters
Yes	56	68%
No	27	32

Table 63. If you did hunt with a crossbow this year, would you have hunted with a compound or recurve bow during the second portion (beginning December 3, 2012) if you were not able to hunt with a crossbow?

	Number of hunters	Percent of hunters
Yes	34	41%
No	49	59

Table 64. Purchased a crossbow in the past 12 months.

	Number of hunters	Percent of hunters
Yes	65	4%
No	1405	96

Table 65. Costs of crossbows purchased in past 12 months (to nearest $100) (mean=$580.00).

Cost of crossbow ($)	Number of hunters	Percent of hunters
100-200	8	13%
201-300	6	9
301-400	10	16
401-500	6	9
501-600	10	16
601-700	8	13
701-800	4	6
801-900	4	6
901-1000	4	6
>1000	4	6

Table 66. Crossbows purchased in IL.

	Number of hunters	Percent of hunters
Yes	48	76%
No	15	24

Table 67. Other items purchased related to crossbow hunting.

Equipment purchased	Number of hunters	Percent of hunters
Bolts	54	83%
Number of bolts purchased:		
1-5	7	13%
6-10	27	52
>10	18	35
Targets	39	60%
Broadheads	55	85%
Number of broadheads purchased:		
1-5	14	27%
6-10	33	64
11-14	4	8
>14	1	2
Case	45	69%
Other	8	12%

Table 68. Plan to purchase a crossbow in the next 12 months.

	Number of hunters	Percent of hunters
Yes	179	12%
No	1269	88

Table 69. Amount planned to spend on a crossbow in the next 12 months (mean = $550.00).

Amount ($)	Number of hunters	Percent of hunters
100-200	17	10%
201-300	20	12
301-400	24	14
401-500	40	23
501-600	16	9
601-700	19	11
701-800	16	9
801-900	3	2
901-1000	16	9
>1000	1	1

Table 70. Motivations for hunting.

I hunt…..	Disagree	Unsure	Agree
to give my mind a rest	10%	9%	82%
to develop my hunting skills and abilities	5	4	91
to develop my knowledge of hunting	5	5	90
to be close to nature	2	3	96
to experience the open space	3	5	92
to be with friends/family	6	4	89
to test my hunting abilities	6	6	87
to be where things are natural	3	6	91
to harvest animals to eat	4	4	93
to be with people having similar values	5	8	88
to learn more about nature	4	8	89
to get away from the clatter and racket back home	13	7	80
to enjoy the smells and sounds of nature	2	4	94
to harvest game	4	4	92
to gain a better appreciation of nature	3	6	92
to experience the fast-paced nature of hunting	23	15	62
to be with others who enjoy the same things as me	5	5	89
to harvest a trophy animal	28	8	64

Table 71. List of counties where hunters observed feral hogs during the 2012-13 seasons.

County	Number of hunters who observed hogs
Alexander	1
Cass	1
Clay	2
Effingham	1
Fayette	2
Fulton	7
Jo Daviess	1
Marion	3
Randolph	1
St. Clair	1
Schuyler	1
Williamson	1

Table 72. Support for the "Sustainability Bill" that increased license plate fees by $2 which will provide sustainable funding for Illinois state parks and other IDNR operations.

Support	Number of hunters	Percent of hunters
Yes	992	67%
No	478	33

Table 73. Hunter perceptions of the following factors related to deer hunting in Illinois.

Statement	Disagree	Unsure	Agree
Applying for a deer permit online is easy	9%	31%	60%
The IDNR permit inquiry system is hard to use	42	40	18
I have difficulty remembering when I need to apply for my deer permit	31	19	50
I can easily find the things I'm looking for on the IDNR website	18	25	57

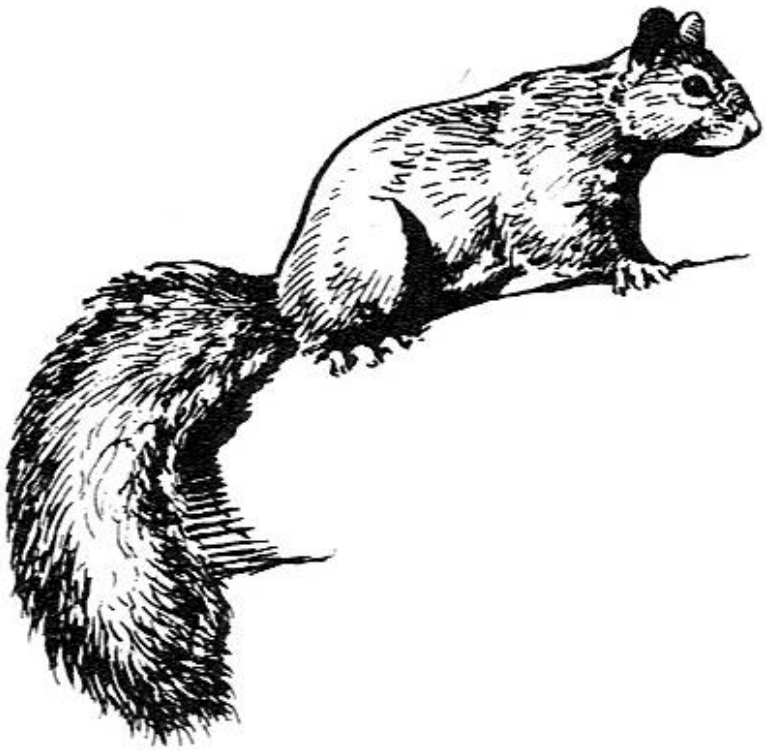
Table 74. Hunter preferences for a one day hunt.

Hunter Response	Number of hunters	Percent of hunters
Deer (Firearm)	645	43%
Deer (Archery)	322	21
Ducks	142	9
Pheasant	122	8
Turkeys	87	6
Squirrels	45	3
Doves	38	3
Geese	29	2
Quail	27	2
Furbearers	24	2
Rabbits	21	1
Other[a]	8	1

[a]Other species hunted were coyote, bear, hogs, cougar, elk and partridge.

Appendix A

Illinois Hunter Harvest Survey: 2012-2013 Seasons



Illinois Department of Natural Resources

Division of Wildlife Resources
and
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. This study is funded by the federal Wildlife Restoration Fund through your purchase of hunting arms and ammunition.

THANK YOU FOR YOUR COOPERATION!
All of your responses will be kept confidential.
Please return this survey in the postage-paid return envelope provided.

Section 1. Hunting Activity and Harvest in Illinois. Please provide the following information to allow IDNR biologists to monitor game species harvest and conserve wildlife populations in Illinois.

1. Did you hunt any wildlife species in Illinois between March 2012 and February 2013?

____ Yes ____ No (Please go to **Question 5**)

2. Please report your hunting effort and harvest in Illinois for the following species between March 1, 2012-February 28, 2013. Include only game harvested and days you personally hunted in Illinois. Count only game you retrieved; do not count animals you were not able to retrieve or animals that were trapped. Count any part of a day hunted as 1 day.

Species	**Number of Days Hunted**	**Number Harvested**	**County Hunted Most Often**
Rabbit			
Quail			
Pheasant			
Gray Partridge			
Dove			
Woodcock			
Snipe			
Rail			
Crow			
Ground Hog (Woodchuck)			
Gray Squirrel			
Fox Squirrel			
Turkey – Spring			
Turkey – Fall Shotgun			
Turkey – Fall Archery			
Deer – Regular Firearm			
Deer – Muzzleloader-Only			
Deer – Archery Season			
Deer – Crossbow			
Deer – Late Winter Firearm			
Deer – Special CWD season			
Raccoon			
Red Fox			
Gray Fox			
Coyote			
Opossum			

3. **Of the totals you listed above for pheasant, quail, and partridge**, how many of those were harvested in a "**non-wild**" setting? For example, hunting preserves (clubs, lodges) and controlled IDNR pheasant hunts would be considered a "non-wild" setting.

	Number of Days Hunted	**Number Harvested**	**County Hunted Most Often**
Pheasants			
Quail			
Partridge			

4. Did you harvest a Eurasian collared-dove in Illinois during the 2012 season?

____ Yes; how many? _____ ____ No ____ Not sure

5. Where did you purchase your 2012 hunting license? *(Please check one.)*

____ DNR regional office or state headquarters

____ Chain retail store (e.g. Wal-mart, Dick's Sporting Goods)

____ Independent retail store (e.g. local bait shop, local grocery store)

____ IDNR website

____ Over the phone

____ Other (*Please indicate*._____)

6. Did you encounter any problems purchasing your 2012 hunting license and/or habitat stamp? *(Please check one.)*

____ Yes ____ No **(**Please go to **Section 2)**

7. What problems did you encounter when purchasing your license/habitat stamp? Please check all that apply.

____ Couldn't print license ____ Store's machine wasn't working properly

____ Internet/website issues ____ Lack of knowledge by store employee

____ Incorrect personal info. ____ Didn't get all stamps and permits I thought I did

____ Other (*Please indicate*. _____)

<u>Section 2. Upland/Furbearing Hunting and Hunters</u>. IDNR biologists are interested in learning about hunters who hunt upland and furbearing game in order to increase hunting opportunities.

1. Did you hunt pheasants, quail, rabbit, and/or furbearers during 2012-13? (Please check one for each species.)

Species	**Did you hunt?**	
	Yes	No
Pheasants		
Quail		
Rabbit		
Furbearers		

2. In the last 5 years, were you excluded from private property that you *previously* had permission to hunt so deer or deer hunters would not be disturbed? (Please **check all that apply.**)

____ Yes, I was excluded from hunting pheasants. ____ Yes, I was excluded from hunting quail.

____ Yes, I was excluded from hunting rabbits. ____ Yes, I was excluded from hunting furbearers.

____ No, I was not excluded from private property (**Please go to question 7**)

3. Consider your experience and those of other hunters you know, how often do you think this exclusion occurs? (Please check one response.)

____ Rarely
____ Sometimes
____ Often

4. In the last 5 years, how many hunting spots have you completely lost or had to start hunting later so deer or deer hunters would not be disturbed?

	Number of spots lost	Number of spots with delayed access
Pheasants	_____	_____
Quail	_____	_____
Rabbits	_____	_____
Furbearers	_____	_____

5. If you were excluded from hunting pheasants, quail, rabbits, and/or furbearers, how did that make you feel?

Not Upset	Slightly Upset	Upset	Very Upset	Extremely Upset
1	2	3	4	5

6. Did you have other places to hunt even though you were excluded from one or more properties? (Please check one for each species.)

	Other places to hunt?	
Species	Yes	No
Pheasants		
Quail		
Rabbit		
Furbearers		

7. In the last 5 years, have you been denied permission to hunt *new property* so deer or deer hunters would not be disturbed? (Please **check all that apply**)

____ Yes, I could not hunt pheasants
____ Yes, I could not hunt quail
____ Yes, I could not hunt rabbits
____ Yes, I could not hunt furbearers
____ No, I was not denied permission from hunting new property

8. Have you *ever* hunted non-wild upland game at any of the following? Please check *all that apply*.

____ IDNR or T. Miller controlled pheasant hunts
____ Hunting preserves (lodge, guides, outfitters)
____ I have never hunted non-wild upland game

9. How often did you hunt at the following during 2012-13?

	Never	Rarely	Sometimes	Often	Always
Controlled pheasant hunts	1	2	3	4	5
Hunting preserves	1	2	3	4	5
Hunting **wild** upland game	1	2	3	4	5

Section 3. Deer Hunting. Please answer the following questions about Epizootic Hemorrhagic Disease (EHD or "blue tongue") and crossbow hunting in Illinois.

1. Did you deer hunt during the 2012-13 deer seasons?
   ____ Yes ____ No (Please go to **Question 6**)

2. How does the number of deer **you saw** during the 2012-13 season compare to 5 years ago? Please circle the number that matches your response.

Decreased Considerably	Decreased Moderately	Decreased Slightly	No Change	Increased Slightly	Increased Moderately	Increased Considerably
1	2	3	4	5	6	7

3. How does the number of deer **you harvested** during the 2012-13 season compare to 5 years ago? Please circle the number that matches your response.

Decreased Considerably	Decreased Moderately	Decreased Slightly	No Change	Increased Slightly	Increased Moderately	Increased Considerably
1	2	3	4	5	6	7

4. If the number of deer **you harvest** has **increased**, has it been due to: (Please check **all that apply**).

   ____ More deer in the areas I hunt
   ____ More free time
   ____ More permits available
   ____ More places to hunt
   ____ More people to feed in my family
   ____ More money
   ____ To share venison with friends/family

5. If the number of deer **you harvest** has **decreased**, has it been due to: (Please check **all that apply**).

   ____ Fewer deer in the areas I hunt
   ____ Less free time
   ____ Difficulty getting permits
   ____ Difficulty finding a place to hunt
   ____ Fewer people to feed in my family
   ____ Less money
   ____ Fewer friends/family wanting a deer

6. If you **did not hunt deer** during the 2012-13 season, please select the reason(s) why not from the list below. (Please check **all that apply**).

   ____ Fewer deer where I hunt
   ____ Too expensive
   ____ No access to places to hunt
   ____ Deer hunting takes too much effort
   ____ Poor health
   ____ Didn't draw a permit
   ____ Lost interest
   ____ Not enough time
   ____ I've never been a deer hunter
   ____ Other (*Please indicate*._____)

7. Did you see any dead deer in or next to bodies of water (creeks, ponds, lakes, etc.) during the past 12 months?

   ____ Yes (how many total? _____ dead deer) ____ No

8. How do you think EHD ("blue tongue") impacted the deer population during 2012 in areas **you typically hunt?** Please circle the number that matches your response.

Decreased Considerably	Decreased Moderately	Decreased Slightly	No Change	Increased Slightly	Increased Moderately	Increased Considerably
1	2	3	4	5	6	7

9. How do you think EHD ("blue tongue") impacted the deer population throughout the **entire state?** Please circle the number that matches your response.

Decreased Considerably	Decreased Moderately	Decreased Slightly	No Change	Increased Slightly	Increased Moderately	Increased Considerably
1	2	3	4	5	6	7

10. Illinois recently made it legal for **any licensed hunter with a valid archery permit** to hunt deer with a crossbow from the second Monday following Thanksgiving through the end of the archery hunting season. Do you support this change?

_____ Yes _____ No _____I am not sure

11. Did you hunt deer *with a crossbow* in Illinois during the second portion of the archery season (beginning December 3, 2012)?

_____ Yes _____ No

11a. If "Yes," did you hunt deer with a crossbow because of a disability and/or because you are 62 years of age or older?

_____ Yes _____ No

11b. If you did hunt with a crossbow this year, would you have hunted with a compound or recurve bow during the second portion (beginning December 3, 2012) if you were not able to hunt with a crossbow?

_____ Yes _____ No

12. Did you purchase a crossbow in the past 12 months?

_____ Yes _____ No

12a. In order to estimate the economic contribution of the crossbow seasons to the economy, please provide the cost (to the nearest $100) of the crossbow you purchased:

$_____

12b. Did you purchase this crossbow in Illinois?

_____ Yes _____ No

12c. Did you purchase other equipment related to crossbow hunting? Please check all that apply.

_____ bolts (arrows) (how many? _____) _____ target

_____ broadheads (how many? _____) _____ case

_____ other (please identify): _____

13. Do you plan to purchase a crossbow in the next 12 months?

_____ Yes _____ No

13a. If "Yes," how much do you think you will spend (to the nearest $100) on the crossbow?

$_____

Section 4. Motivations for Hunting. Please answer the following questions on reasons why you hunt.

I hunt …….	Strongly Disagree	Disagree	Slightly Disagree	Unsure	Slightly Agree	Agree	Strongly Agree
… to give my mind a rest.	1	2	3	4	5	6	7
… to develop my hunting skills and abilities.	1	2	3	4	5	6	7
… to develop my knowledge of hunting.	1	2	3	4	5	6	7
… to be close to nature.	1	2	3	4	5	6	7
… to experience the open space.	1	2	3	4	5	6	7
… to be with friends/family.	1	2	3	4	5	6	7
… to test my hunting abilities.	1	2	3	4	5	6	7
… to be where things are natural.	1	2	3	4	5	6	7
… to harvest animals to eat.	1	2	3	4	5	6	7
… to be with people having similar values.	1	2	3	4	5	6	7
… to learn more about nature.	1	2	3	4	5	6	7
… to get away from the clatter and racket back home.	1	2	3	4	5	6	7
… to enjoy the smells and sounds of nature.	1	2	3	4	5	6	7
… to harvest game.	1	2	3	4	5	6	7
… to gain a better appreciation of nature.	1	2	3	4	5	6	7
… to experience the fast-paced nature of hunting.	1	2	3	4	5	6	7
… to be with others who enjoy the same things as me.	1	2	3	4	5	6	7
… to harvest a trophy animal.	1	2	3	4	5	6	7

Section 5. Background Information. The following questions allow us to understand more about the people involved in hunting in Illinois. All responses are kept confidential.

1. How many years total have you hunted? _____ years
2. How many years have you hunted in Illinois? _____ years
3. What is your county of residence? _____ County

4. Please give your age. _____ years

5. Did you observe feral hogs in the wild at any point during the 2012-13 hunting seasons?

   _____ Yes (what county? _____) _____ No

6. Did you shoot, or attempt to shoot, a feral hog during the 2012-13 hunting seasons? Note: it is **legal** to shoot feral hogs.

   _____ Yes _____ No

7. The IDNR "Sustainability Bill" increased vehicle license plate fees by $2, and will provide sustainable funding for Illinois state parks and other IDNR operations. Did you support this Bill?

   _____ Yes _____ No

8. Please circle the number that best matches your response on the following questions.

	Strongly Disagree	Disagree	Slightly Disagree	Unsure	Slightly Agree	Agree	Strongly Agree
Applying for a deer permit online is easy.	1	2	3	4	5	6	7
The IDNR permit inquiry system is hard to use.	1	2	3	4	5	6	7
I have difficulty remembering when I need to apply for my deer permits.	1	2	3	4	5	6	7
I can easily find the things I'm looking for on the IDNR website.	1	2	3	4	5	6	7

9. If you could have only one day to hunt, which of the following would you hunt? Please **check ONE response**.

   ____ ducks ____ geese ____ deer (archery) ____ deer (firearm)

   ____ furbearers ____ pheasants ____ quail ____ squirrels

   ____ rabbits ____ turkeys ____ doves

   ____ others (please identify): _____

Comments

THANK YOU FOR YOUR TIME AND ASSISTANCE!
Please return this survey in the postage-paid envelope provided.

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, One Natural Resources Way, Springfield, IL 62701-1787, (217) 782-7616 or the Officer of Human Resources, U.S. Fish and Wildlife Service, Washington, D.C. 20240.

Appendix B

ILLINOIS NATURAL HISTORY SURVEY
Prairie Research Institute
University of Illinois at Urbana-Champaign

March 04, 2013

Dear Illinois Hunter,

You are one of a select group of Illinois hunters asked to provide information about your hunting activities during the 2012-2013 hunting season. Please complete the enclosed questionnaire and return it to us as soon as possible. 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.

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

You may access the results of this and other studies of hunters and hunting in Illinois at http://www.inhs.illinois.edu/programs/hd/. You may also find information about Illinois Department of Natural Resources wildlife management programs and wildlife in Illinois at http://dnr.state.il.us/orc/wildliferesources/.

Thank you for your time and assistance.

Sincerely,

Craig A. Miller
Human Dimensions Research Program

1816 South Oak Street,
Champaign, Illinois 61820 USA

Appendix C

ILLINOIS
DEPARTMENT OF
NATURAL
RESOURCES

Dear Illinois Hunter,

Recently you were mailed a questionnaire about your hunting activities in Illinois. We have not yet received your response. **If you have already returned the questionnaire, we thank you. If you have not returned the questionnaire, please do so as soon as possible. Your input is very important!**

Your name and address will be deleted from our mailing list when your questionnaire is received. Thank you for your cooperation.

Appendix D

ILLINOIS NATURAL HISTORY SURVEY
Prairie Research Institute
University of Illinois at Urbana-Champaign

April 12, 2013

Dear Illinois Hunter,

You recently received a survey questionnaire requesting information about your hunting activities during the 2012-2013 hunting seasons. We have not received your completed survey questionnaire at this time. If you recently returned your questionnaire, we thank you. If not, we have enclosed a second one for you. Please take a few moments of your time to complete this questionnaire and return it in the envelope provided **even if you were not successful or *did not hunt* during the 2012-2013 hunting seasons.**

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.

Please take 15 minutes to complete the enclosed questionnaire and return it in the envelope provided.

Thank you for your time and assistance.

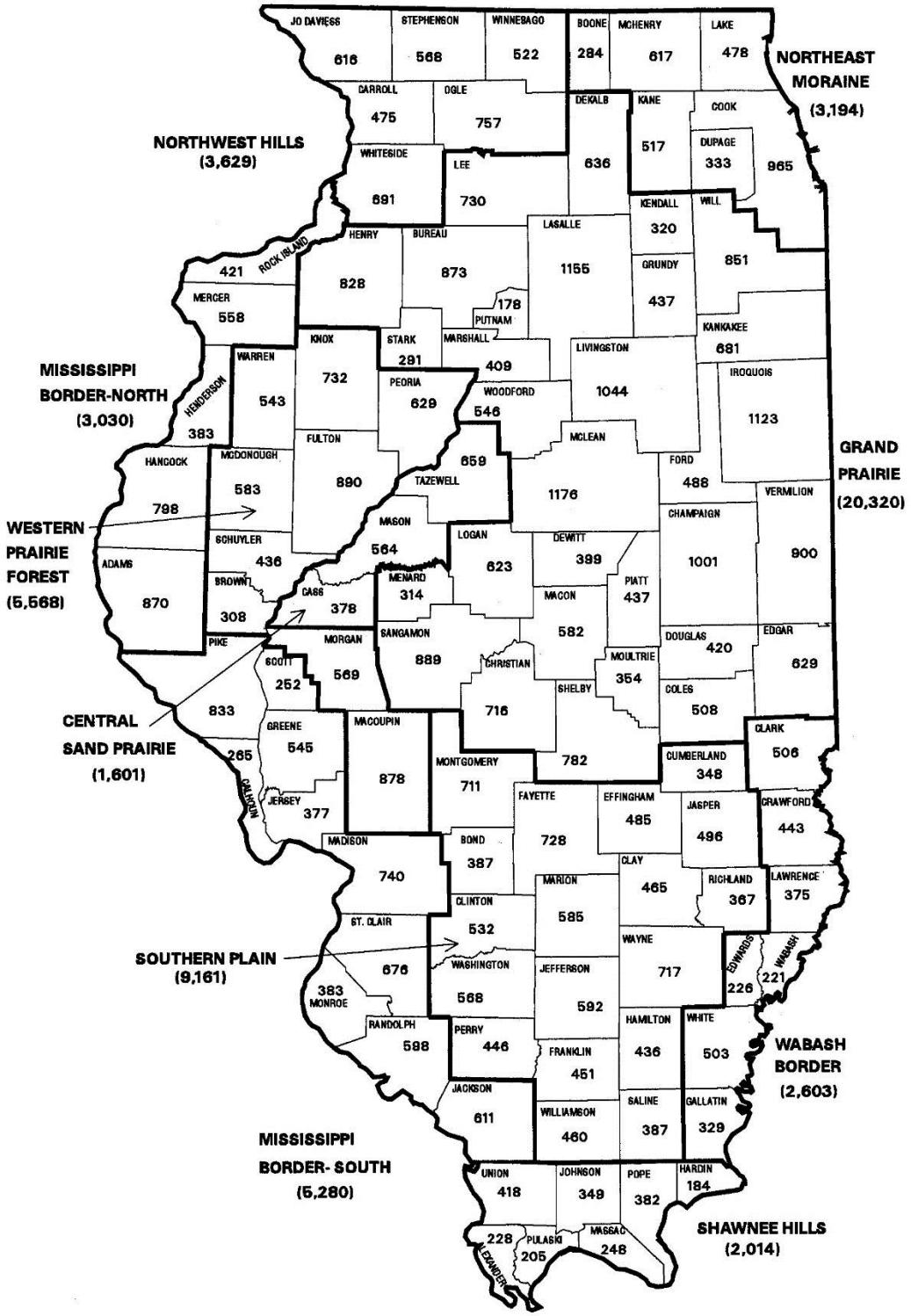
Sincerely,

Craig A. Miller
Human Dimensions Research Program

1816 South Oak Street,
Champaign, Illinois 61820 USA

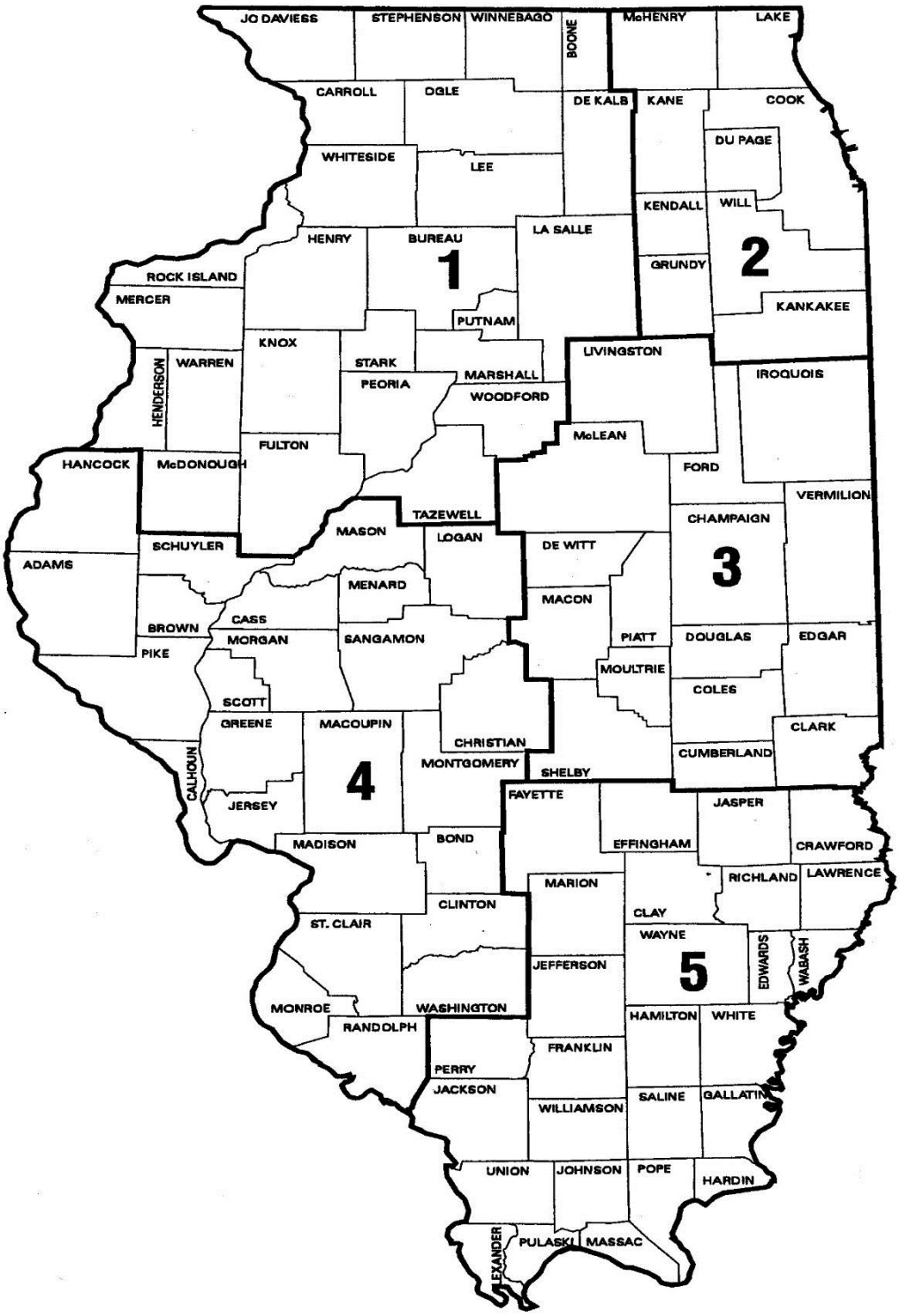
Appendix E

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



Appendix F

Administrative regions in Illinois.



Appendix G

2012-2013 Season Dates and Limits Information

Small Game

SPECIES	DATES (INCLUSIVE) AND ZONES	HOURS	DAILY LIMIT	POSSESSION LIMIT
Rabbit (Cottontail & Swamp)	Nov. 3, 2012- Jan. 8, 2013 (North) Nov. 3, 2012- Jan. 22, 2013 (South)	Sunrise to sunset	4	10[a]
Cock Pheasant	Nov. 3, 2012- Jan. 8, 2013 (North) Nov. 3, 2012 - Jan. 15, 2013 (South)		2	6[a]
Hungarian (Gray) Partridge			2	6[a]
Quail (Bobwhite)			8	20[a]
Squirrel (Fox and Gray)	Aug. 1, 2012- Feb. 15, 2013 (Statewide) Closed Nov. 16-18 and Nov. 29-Dec. 2 in counties open for firearm deer hunting	1/2 hour before sunrise to 1/2 hour after sunset	5	10[a]
Woodchuck (Groundhog)	June 1, 2012-March 31,2013 Closed Nov.16-18; Nov. 29-Dec. 2 in counties open for firearm deer hunting	Sunrise to sunset	No Limit	

Deer & Turkey

SPECIES	DATES (INCLUSIVE) AND ZONES	HOURS	LIMIT
Firearm Deer (Handgun, Muzzleloader & Shotgun)	Nov.16-18; Nov. 29-Dec. 2, 2012	1/2 hour before sunrise to 1/2 hour after sunset	One deer per firearm permit
Deer (Muzzleloading rifles only)	Dec.7-9, 2012 (also allowed Nov. 29-Dec. 2)		One deer per muzzleloading rifle permit
Special CWD Deer Season	Dec. 27-30, 2012 and Jan. 18-20, 2013		One deer per valid deer permit[a]
Late-Winter Antlerless Deer (Handgun, Muzzleloader & Shotgun)			One antlerless deer per permit
Deer (Archery in counties with a firearm season and west of Rt. 47 in Kane County)	Oct. 1-Nov. 15, Nov. 19-28 and Dec. 3, 2012-Jan. 20, 2013		One deer per archery permit
Deer (Archery in Cook, DuPage, Kane [east of Route 47] and Lake counties)	Oct. 1, 2012-Jan. 20, 2013		
Youth Firearm Deer Season	Oct. 6-7, 2012		One deer
Youth Turkey Season	March 30-31, 2013 (South) April 6-7, 2013 (North)	1/2 hour before sunrise to 1 p.m.	One gobbler or bearded hen, counts towards maximum of 3 spring permits
Turkey (Spring Shotgun or Archery)	April 8-May 9, 2013[a] (South) April 15-May 16, 2013[a] (North)		One gobbler or bearded hen per permit, maximum of 3
Turkey (Fall Shotgun Season)	Oct. 20-Oct. 28, 2012	1/2 hour before sunrise to sunset	One either sex turkey per permit, maximum of 2
Turkey (Fall Archery)	Oct. 1, 2012-Jan. 20, 2013, except closed during firearm deer season in counties open to firearm deer hunting	1/2 hour before sunrise to 1/2 hour after sunset	

Migratory Game Birds

SPECIES	DATES (INCLUSIVE) AND ZONES		HOURS	DAILY LIMIT	POSSESSION LIMIT
Dove[a]	Sept. 1-Oct. 28; Nov. 3-14, 2012		Sunrise to sunset	15[a]	30[a]
Teal	Sept. 8-23, 2012			4	8
Early Canada Goose	Sept. 1-15, 2012	North and Central	1/2 hour before sunrise to sunset	5	10
		South Central & South		2	4
Rail (Sora & Virginia only)	Sept. 8-Nov. 16, 2012		Sunrise to sunset	25	25
Common Snipe	Sept. 8-Dec. 23, 2012			8	16
Woodcock	Oct. 20-Dec. 3, 2012			3	6
Crow	Oct. 28, 2012-Feb. 28, 2013		1/2 hour before sunrise to sunset	No Limit	

The season dates for Migratory Waterfowl seasons that occur after Oct. 1 will be available in September. See 2012-2013 Digest of Waterfowl Hunting Regulations.

Appendix G continued

2012-2013 Season Dates and Limits Information *(continued)*

Furbearers—Hunting

SPECIES	DATES (INCLUSIVE) AND ZONES	HOURS	LIMIT
Raccoon and Opossum	Nov. 5, 2012-Feb. 10, 2013 (North) Nov. 10, 2012-Feb. 15, 2013 (South) Closed Nov. 16-17 and through 6 p.m. Nov. 18 and closed Nov. 29-Dec. 1 and through 6 p.m. Dec. 2 in counties open for firearm deer hunting	Unrestricted except Nov. 5 (North) and Nov. 10 (South) opens at sunrise[d]	No Limit
Fox (Red and Gray)	Nov. 10, 2012-Jan. 31, 2013 (Statewide) Closed Nov. 16-17 and through 6 p.m. Nov. 18 and closed Nov. 29-Dec. 1 and through 6 p.m. Dec. 2 in counties open for firearm deer hunting	Unrestricted except Nov. 10 opens at sunrise[d]	
Coyote and Striped Skunk	Year round (Statewide) Closed Nov. 16-17 and through 6 p.m. Nov. 18 and closed Nov. 29-Dec. 1 and through 6 p.m. Dec. 2 in counties open for firearm deer hunting[d,e]	1/2 hour before sunrise to 1/2 hr. after sunset; open 24 hours Nov. 10, 2012-Feb. 15, 2013[d,e]	

Furbearers—Trapping

SPECIES	DATES (INCLUSIVE) AND ZONES	LIMIT	SPECIAL REGULATIONS (SEE PP-PP FOR DETAILS AND ADDITIONAL RESTRICTIONS)
Raccoon, Opossum, Skunk, Weasel, Mink, Muskrat, Fox (Red and Gray), Coyote, Badger	Nov. 5, 2012-Jan. 20, 2013 (North) Nov. 10, 2012-Jan. 25, 2013 (South)	None except for badger, which is limited to 2 per person per season in north zone and 1 per person per season in south zone	
Woodchuck (Groundhog)	June 1-Sept. 30, 2012 (Statewide)	None	
Beaver	Nov. 5, 2012-March 31, 2013 (North) Nov. 10, 2012-March 31, 2013 (South)		
River Otter	Nov. 5, 2012-March 31, 2013 (North) Nov. 10, 2012-March 31, 2013 (South)	5 per person per season (statewide)	Must purchase Otter Registration Permit within 48 hours after each otter is trapped. Must affix official CITES tag to each pelt.
Extended Spring Season for Mink and Muskrat	Jan. 20, 2013-Feb. 15, 2013 (North) Jan. 25, 2013-Feb. 15, 2013 (South)	None	No foothold traps may be set for mink or muskrat. Body-gripping (killer) traps must be completely submerged underwater.

[a] On the 2nd day of the hunting season, you may possess no more than twice the daily bag limit.

[b] South — 1st season—April 8-12; 2nd season—April 13-18; 3rd season—April 19-24; 4th season—April 25-May 1; 5th season—May 2-9
North — 1st season—April 15-19; 2nd season—April 20-25; 3rd season—April 26-May 1; 4th season—May 2-8; 5th season—May 9-16

[c] The daily bag and possession limits include mourning doves and white-winged doves in the aggregate. There is no bag limit on Eurasian-collared doves and ringed turtle doves, but they may be taken only during the established season dates and hours and using only legal methods for mourning doves. Hunters may not remain in the field for the purpose of taking Eurasian-collared doves or ringed turtle doves after they reach their daily bag limit for mourning/white-winged doves.

[d] During the Archery Deer Season bow hunting hours for coyote, striped skunk, raccoon, opossum, red fox and gray fox will be 1/2 hour before sunrise to 1/2 hour after sunset.

[e] Hunters with unfilled firearm deer permits may take coyotes during firearm deer season by shotgun with slugs, muzzleloader or handgun from 1/2 hour before sunrise to 1/2 hour after sunset.

[f] No hunter, regardless of the quantity or type of permits in his/her possession, may harvest more than two antlered deer during a year, including the archery, muzzleloader and youth firearm seasons. For the purpose of this bag limit, deer seasons are considered to be in the same year if their opening dates are within the same 12-month period that begins July 1.

[g] Antlered deer bag limit does not apply to this season.