

*Human*Dimensions  
Research Program



ILLINOIS  
NATURAL  
HISTORY  
SURVEY



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NATURAL  
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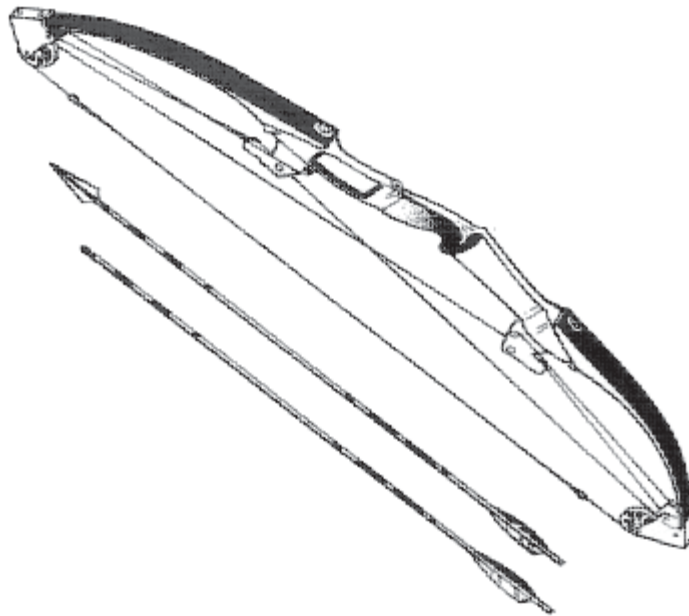
**Joel Brunsvold**, Director  
Illinois Department of Natural  
Resources

**Paul Vehlow**  
Federal Aid Coordinator

**John E. Buhnerkempe**  
Chief, Division of Wildlife  
Resources



# Results of the 2001 Illinois Becoming an Outdoor-Woman Survey



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

Report prepared by:  
Craig A. Miller,  
William L. Anderson,  
Linda K. Campbell, and  
Jessica A. Yeagle

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# **RESULTS OF THE 2001 ILLINOIS BECOMING AN OUTDOOR-WOMAN SURVEY**

## **JOB COMPLETION REPORT**

### **WILDLIFE HARVEST AND HUMAN DIMENSIONS RESEARCH PROGRAM**

**STATE OF ILLINOIS**

**PROJECT NUMBER: W-112-R-10  
STUDY 103  
JOB NO. 103.2**

Prepared by  
Craig A. Miller, William L. Anderson,  
Linda K. Campbell, and Jessica Yeagle  
Illinois Natural History Survey  
Champaign, IL

December 01, 2003

Federal Aid in Wildlife Restoration  
W-112-R-10

Illinois Department of Natural Resources

Joel Brunsvold, Director  
Illinois Department of Natural Resources

John E. Buhnerkempe, Chief  
Division of Wildlife Resources

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## **ABSTRACT**

A total of 321 (73%) women responded to the 2001 Illinois Becoming an Outdoors-Woman (BOW) Survey. All of these women had signed up for and/or participated in BOW workshops. Eighty-three percent of the women had attended  $\geq 1$  workshops, with most doing so to develop or improve their skills in outdoor activities. During the previous 12 months, 72% of the women participated in hiking, compared to 60% who fished and 19% who hunted. Three-fourths (73%) of the women conduct their outdoor activities with their husband/boyfriend. "No one to go with" was identified by participants as the most important constraint hindering women from participating in outdoor activities. The most important inducements for participation included "Training to develop skills", "Someone to go with", and "More time". Experience in hunting and other outdoor activities are profiled, as are some personal characteristics of BOW women.

## **OBJECTIVE**

The objective of this study was to profile the outdoor-related activities and attitudes of women who have signed up for and/or participated in Becoming an Outdoor-Woman (BOW) workshops. BOW workshops are sponsored by the Illinois Department of Natural Resources and are conducted periodically at locations throughout the state.

## **METHODS**

The names and addresses of 453 women who signed up for and/or participated in BOW workshops in June or October 1999, June or October 2000, or June 2001, served as the mailing list for this survey. Survey participants were mailed an 8-page, self-administered questionnaire and a letter of explanation on 12 July 2001 (Appendices A and B). The questionnaire solicited information on outdoor-related activities of workshop participants and their attitudes toward the BOW workshops and related issues. Recipients were sent a follow-up postcard 10 days after the questionnaire, thanking them for participating in the survey and reminding nonrespondents to return the completed questionnaire. Nonrespondents were mailed a second questionnaire and another letter (Appendix C) on 10 September, followed 10 days later with another postcard.

There were 12 individuals who were not reached by the U.S. Postal Service--thus, the mailing list was reduced to 441 potential participants. As of 6 November 2001, we received 321 usable questionnaires for a response of 72.8%. Coded data were transferred from the questionnaires to a computer file and analyzed using SPSS 10.0. The tables in this report are numbered in the same sequence and format as the questions in the questionnaire. For example, Table 1.1 refers to Section 1, Question 1; Table 1.2 refers to Section 1, Question 2; etc.

## **RESULTS**

### Participation in BOW Workshops

Eighty-three percent of the women who responded to this survey had participated in  $\geq 1$  BOW workshops in Illinois (Table 1.1). Most (66%) of the participants attended their first workshop in 1999, 2000, or 2001 (Table 1.2), which is not surprising when one considers that the

mailing list was based on information for this same time period. Two-thirds of the participants had heard about the workshops by word-of-mouth (35%) or via newspapers (33%) (Table 1.3).

One-half (51%) of the participants in the BOW workshops had someone, usually a friend, accompany them to the workshops (Table 1.4-4a). Participants gave multiple reasons for attending the workshops (Table 1.5). The top 3 reasons were: “To develop or improve my skills in outdoor activities (79%)”, “It seemed like a fun activity (48%)”, and “To learn about the outdoors (40%)”.

The women were asked to indicate the types of outdoor activities they had participated in before and after attending the BOW workshops (Tables 1.6 and 1.7). Of the 10 activities listed in the tables, 8 activities decreased, (hiking, fishing, camping, canoeing/kayaking, boating, rifle shooting, archery and pistol shooting) after participating in the workshop. One activity (shotgun shooting) increased, and 1 activity (hunting) did not change before and after the workshops. Since participation in the specified activities had to occur during the 1999 and/or 2000 hunting seasons for the latter period, but was unlimited (time wise) for the earlier period, the apparent decreases are somewhat misleading.

When asked to rate the BOW workshop in preparing them for taking part in outdoor activities, an overwhelming 91% of the participants responded by saying “good” or “excellent” (Table 1.8). Only 1% of the women rated the workshop as “poor”.

### Participation in Outdoor Activities

The 321 respondents to this survey were asked to quantify the number of days they participated in each of 11 outdoor activities during the previous 12 months (Table 2.1). Note that the most-participated activity was hiking (72% of respondents spending  $\geq 1$  days afield), which

was followed by fishing (60%), camping (54%), boating (45%), and canoeing (35%). The bottom half of the list included shooting--shotgun (25%), hunting (19%), archery (19%), shooting--rifle (16%), shooting--pistol (15%), and kayaking (9%). It should be stressed that these percentages reflect minimal estimates of the percentage of BOW women who participated in outdoor activities because some of them do not engage in a given activity every year.

It can be inferred that the BOW women who engaged in hunting during the past 12 months spent an average of 6.0 days afield pursuing that sport (Table 2.1). The average days afield for the other activities, for the participating women, were as follows: hiking (5.8 days), fishing (5.1 days), camping (4.9 days), boating (4.8 days), shooting--shotgun (4.7 days), archery (4.5 days), shooting--pistol (4.1), shooting--rifle (3.8 days), canoeing (3.2 days), and kayaking (3.1 days).

Three-fourths (73%) of the BOW women conducted their outdoor activities with their husband/boyfriend (Table 2.2). However, 37% of the women solicited the company of other women when going afield. In this connection, note that 55% of the women indicated that “No one to go with” was the most important factor that hinders women from participating in outdoor activities (Table 2.3). “Not enough time” was listed as the most important reason by nearly as many (51%) of the respondents.

The vast majority (86%) of respondents said there are other outdoor activities they would like to try, but haven't yet (Table 2.4-4a). The activities most frequently indicated were kayaking (43%), archery (34%), and pistol shooting (27%). Hunting was listed by 14% of the respondents. When asked what it would take for the respondents to participate in the listed activities, 67% checked “Training to develop skills”, 47% checked “Someone to go with”, and 44% checked “More time” (Table 2.4b).

Participants in this survey were asked whether they agreed or disagreed with a series of statements concerning the influence of BOW workshops on their activities (Table 2.5-9).

Majorities ( $\geq 50\%$ ) agreed with 3 of the statements: “I plan to increase my participation in outdoor activities” (86%), “Outdoor activities presented in BOW are important to my family” (66%), and “If I cannot find someone to do outdoor activities with me, I go alone” (53%). The women either disagreed with or were unsure of the other 2 statements: “My closest friends are involved in the same outdoor activities I am” and “I now have a greater appreciation of hunting than before I attended BOW”.

When asked to identify items purchased for outdoor activities in the past 5 years, 71% of the BOW women checked “Clothing” (Table 2.10). Other frequently checked items were “Fishing rod/reel” (44%) and “Fishing equipment other than rod/reel” (36%). Items related to hunting included Shotgun (17%), Bow (10%), Hunting dog (9%), Pistol (7%), and Rifle (6%).

### Experience in Outdoor Activities

Three-fourths (75%) of the responding women said that when they were growing up someone in their family took part in hunting, fishing, boating, or camping (Table 3.1). Of these activities, the most frequently mentioned was fishing (87%), followed in descending order by camping (58%), hunting (50%), and boating (48%).

Two-thirds (64%) of the responding women indicated they participated in fishing as a youth (Table 3.2). Other frequently checked activities included camping (53%), hiking (50%), and boating (38%). Hunting-related activities included archery (24%), hunting (12%), rifle shooting (12%), shotgun shooting (9%), and pistol shooting (7%). As youths, the participants



most frequently engaged in these activities in the company of their father (72%), followed by their brother/sister (37%) and mother (34%) (Table 3.2a).

More than one-third (37%) of the BOW women were raised in a rural area or small town (Table 3.3). At the other extreme, 30% were raised in a medium or large city.

### Hunting Activities

One-fourth (25%) of the BOW women indicated they hunted (Table 4.1), and 18% said they hunted during the 2000-2001 season (Table 4.2-2a). In descending order, the game species pursued were deer--firearm (63%), small game (43%), turkey--spring (30%), deer--archery (19%), and doves (19%). Other species included ducks (17%), geese (17%), deer--muzzleloader (7%), furbearers (6%), and turkey--fall (4%).

One-half (50%) of the women said their total hunting effort had increased in the last 5 years, whereas 29% said it decreased (Table 4.3). The most frequently listed reasons for hunting effort to increase were "Hunting partners" (50%) and "Availability of land" (45%) (Table 4.4). By a wide margin, the most frequent reason for hunting effort to decrease was "Lack of time" (67%) (Table 4.5). "No one to hunt with" (29%) and "No land to hunt on" (29%) were the second most common responses.

Three-fourths (68%) of the respondents stated that other members of their family hunted (Table 4.6). Family members included husband (53%), in-laws (35%), and brother/sister (32%). Relatively few of the women said their father (22%) or mother (4%) hunted. When asked to list the game species they pursued during their 1<sup>st</sup> year of hunting, 40% of the women checked small game and 33% indicated deer--firearm (Table 4.7). The other species were checked by relatively few (<10%) of the women.

### Background Information

Respondents to this survey were 98% Illinois residents and 2% nonresidents (Table 5.1-6). The residents had lived in Illinois for an average of 38 years. A majority (61%) of the respondents were married, and 40% had children living at home. More than one-third (39%) of the women reported living in a rural area or small town, compared to 26% who reside in a medium or large city. The women averaged 46 years of age, with 65% being between 31 and 50 years.

Table 1.1. How many BOW workshops have you attended? (Illinois 2001, n=321)

Number of Workshops Attended	Percent Response
0	17
1	54
2	16
3	6
4	5
5	1
6	1

Table 1.2. In what year did you first attend a BOW workshop? (Illinois 2001, n=250)

Year	Percent Response
1991	<1
1992	<1
1993	<1
1994	1
1995	2
1996	6
1997	8
1998	17
1999	23
2000	28
2001	15

Table 1.3. How did you hear about the BOW workshop? (Illinois 2001, n=267)

	Percent Response <sup>a</sup>
Word-of mouth	35
Newspaper	33
Magazine	16
Television	2
Other <sup>b</sup>	21

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>See Appendix D.

Table 1.4-4a. Did anyone accompany you to your most recent BOW workshop? (Illinois 2001, n=264)

	Percent Response
Yes	51
No	49
<u>If "Yes," please identify your relationship with that person:</u>	<u>Percent Response<sup>a</sup></u> (n=134)
Friend	73
Sister	12
Mother	6
Daughter	6
Partner	2
Other <sup>b</sup>	9

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>See Appendix D.

Table 1.5. What prompted you to take part in the BOW workshop? (Illinois 2001, n=267)

Reason	Percent Response <sup>a</sup>
To develop or improve my skills in outdoor activities	79
It seemed like a fun activity	48
To learn about the outdoors	40
For the social interactions at the workshop	20
To find people to join me in outdoor activities	10
Other <sup>b</sup>	6

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Other reasons include: to learn about handling firearms, gun safety, marksmanship (3%), to enjoy a weekend away (2%), to write an article about BOW (1%), and to become more involved with husband outdoors (<1%).

Table 1.6. In what outdoor activities have you participated before taking the BOW workshop? (Illinois 2001, n=267)

Activity	Percent Response <sup>a</sup>
Camping	76
Fishing	74
Hiking	73
Canoeing/kayaking	57
Boating	50
Archery	30
Shotgun shooting	24
Rifle shooting	23
Hunting	20
Pistol shooting	16
Other <sup>b</sup>	15

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>See Appendix D.

Table 1.7. In what outdoor activities have you participated after taking the BOW workshop? (Illinois 2001, n=267)

Activity	Percent Response <sup>a</sup>
Hiking	63
Fishing	57
Camping	53
Canoeing/kayaking	40
Boating	38
Shotgun shooting	29
Hunting	20
Rifle shooting	20
Archery	20
Pistol shooting	15
Other <sup>b</sup>	14

<sup>a</sup>Total in greater than 100% because some respondents chose >1 answer.

<sup>b</sup>See Appendix D.

Table 1.8. How would you rate the BOW workshop for preparing you to take part in the outdoor activities you checked in question 7? (Illinois 2001, n=248)

	Percent Response
Poor	1
Fair	8
Good	48
Excellent	43

Table 2.1 Approximately how many days did you take part in the following activities in the past 12 months? (Illinois 2001, n=321)

Activity	Days of Participation (Percentage)			
	None	1 day	2-4 days	5 days or more
Fishing	40	8	21	31
Canoeing	65	14	13	8
Kayaking	91	4	3	2
Boating	55	10	13	22
Hunting	81	1	5	13
Shooting (rifle)	84	5	6	5
Shooting (shotgun)	75	4	10	11
Shooting (pistol)	85	4	7	4
Archery	81	6	4	9
Hiking	28	6	19	47
Camping	46	6	22	26
Other <sup>a</sup>	81	2	4	13

<sup>a</sup>Others include: white water rafting, mushroom hunting, biking, birding, nature walks, horseback riding, cross country skiing, caving, rock climbing, photography, orienteering, snow shoeing, 4-wheeling, outdoor cooking, swimming.

Table 2.2. Which of the following describes the people you usually do outdoor activities with now? (Illinois 2001, n=306)

People	Percent Response <sup>a</sup>
Husband/boyfriend	73
Women friends	37
Female relatives	27
Male relatives	25
Friends from clubs or organizations	20
Other <sup>b</sup>	15

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Others include: male friends, grandchildren, children, students, scouts, coworkers, and by myself.

Table 2.3. What do you consider to be the most important factor that hinders women from participating in outdoor activities? (Illinois 2001, n=307)

Factor	Percent Response <sup>a</sup>
No one to go with	55
Not enough time	51
No clubs or groups devoted to women's involvement	29
Too male dominated	18
No places to go	11
Too expensive	7
Other <sup>b</sup>	9

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Others include: no knowledge of activity, intimidation, no interest, weather/outdoor conditions, lack of exposure to outdoors, health, lack of equipment.

Table 2.4-4a. Are there any activities you would like to try, but haven't yet? (Illinois 2001, n=308)

	Percent Response
Yes	86%
No	14%
<u>If "Yes," what are they?</u>	<u>Percent Response<sup>a</sup></u> (n=267)
Kayaking	43
Archery	34
Pistol shooting	27
Rifle shooting	23
Canoeing	23
Shotgun shooting	18
Fishing	15
Hunting	14
Camping	12
Hiking	9
Other <sup>b</sup>	17

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>See Appendix D.



Table 2.4b. What would it take for you to participate in the activities you selected in question 4a? (Illinois 2001, n=273)

	Percent Response <sup>a</sup>
Training to develop skills	67
Someone to go with	47
More time	44
Information about places to go	40
More skills with activity	40
Equipment	39
Other <sup>b</sup>	4

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Others include: more workshops offered, workshops offered on days other than weekends and more affordable cost.

Table 2.5-9. The following statements concern the influence of the BOW workshops on your activities. (Illinois 2001)

	n	Percent Response				
		Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
I plan to increase my participation in outdoor activities.	(259)	2	2	10	52	34
My closest friends are involved in the same outdoor activities I am.	(253)	10	39	18	24	9
I now have a greater appreciation of hunting than before I attended BOW.	(242)	10	16	25	33	16
If I cannot find someone to do outdoor activities with me, I go alone.	(257)	9	23	15	34	19
Outdoor activities presented in BOW are important to my family.	(250)	7	10	17	43	23

Table 2.10. In the past five years, have you purchased any of the following specifically for outdoor recreation? (Illinois 2001, n=321)

Item Purchased	Percent Response <sup>a</sup>
Clothing	71
Fishing rod/reel	44
Fishing equipment other than rod/reel	36
Shotgun	17
Land	12
Boat/canoe/kayak	12
Bow	10
Camper	10
Hunting dog	9
Pistol	7
Rifle	6
ATV	6
Firearm or bow	6
Other <sup>b</sup>	24

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Others include: camping equipment, binoculars/scope, bicycle, sports utility vehicle, bullets/shotgun shells, compass, identification books, snorkeling equipment, backpacking equipment, hiking/climbing equipment, camera, tree stand.

Table 3.1. When you were growing up, did anyone in your family take part in hunting, fishing, boating, or camping? (Illinois 2001, n=315)

	Percent Response
Yes	75
No	25
<u>If "Yes," which activities?</u>	<u>Percent Response<sup>a</sup></u>
	(n=238)
Fishing	87
Camping	58
Hunting	50
Boating	48

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

Table 3.2. Did you take part in any of the following activities as a youth? (Illinois 2001, n=321)

Activity	Percent Response <sup>a</sup>
Fishing	64
Camping	53
Hiking	50
Boating	38
Canoeing/kayaking	25
Archery	24
Hunting	12
Rifle shooting	12
Shotgun shooting	9
Pistol shooting	7
Other <sup>b</sup>	5

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Others include: swimming, horseback riding, pellet/bb gun target shooting, ATV riding.

Table 3.2a. If “Yes,” with whom did you do the activities most often? (Illinois 2001, n=237)

Person	Percent Response <sup>a</sup>
Father	72
Brother/sister	37
Mother	34
Friend of mine	14
Friend of family	12
Grandparent	11
Uncle/aunt	8
Other <sup>b</sup>	15

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Others include: youth groups, cousins, school/teacher, church group, summer camps.

Table 3.3. Which of the following best describes the area where you were raised?  
(Illinois 2001, n=311)

Area	Percent Response
Rural area	20
Small town	17
Suburb of medium or large city	18
Small city (5,000 to 49,999)	15
Medium city (50,000 to 500,000)	12
Large city (over 500,000)	18

Table 4.1. Do you hunt? (Illinois 2001, n=307)

Percent Response	
Yes	25
No	75

Table 4.2-2a. Did you hunt during the 2000-2001 hunting seasons?  
(Illinois 2001, n=307)

	Percent Response
Yes	18
No	82
<u>If "Yes," which of the following did you hunt?</u>	<u>Percent Response<sup>a</sup></u> (n=54)
Deer (firearm)	63
Small game (pheasant, rabbit, etc.)	43
Turkey (spring)	30
Doves	19
Deer (archery)	19
Geese	17
Ducks	17
Deer (muzzleloader)	7
Furbearers	6
Turkey (fall)	4

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

Table 4.3. In the last five years, has your total hunting effort.....  
(Illinois 2001, n=84)

	Percent Response
Increased	50
Stayed the same	21
Decreased	29

Table 4.4 If your hunting effort increased the last five years, has it been due to.....  
(Illinois 2001, n=42)

Reason	Percent Response <sup>a</sup>
Hunting partners	50
Availability of land	45
Involved in new type of hunting	26
Greater financial resources	24
Increased free time	21
Better equipment	10
Better seasons/regulations	2
Better health/fitness	2
More game	0
Other <sup>b</sup>	19

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Other reasons include: more confidence, husband's encouragement, took safety courses/more knowledgeable, BOW education, more skills.

Table 4.5. If your total hunting effort decreased has it been due to.....  
(Illinois 2001, n=24)

Reason	Percent Response <sup>a</sup>
Lack of time	67
No one to hunt with	29
No land to hunt on	29
Lack of interest	21
Lack of financial resources	13
Not enough game	8
Health problems	8
Seasons too short	4
Too much equipment needed	4
Too many regulations	0
Other <sup>b</sup>	4

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Other reason: harassment by area homeowners and farmers.

Table 4.6. Do other members of your family hunt? (Illinois 2001, n=120)

	Percent Response
Yes	68
No	32
<u>If "Yes," which members?</u>	<u>Percent Response<sup>a</sup></u> (n=81)
In-laws	35
Brother/sister	32
Father	22
Cousin	20
Uncle/aunt	12
Mother	4
Grandparent	3
Other <sup>b</sup>	68 <sup>b</sup>

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

<sup>b</sup>Other family members include: husband (53%), children (22%), nephew (9%), grandchildren (1%).

Table 4.7. Which of the following species did you hunt during your first year of hunting?  
(Illinois 2001, n=78)

Species	Percent Response <sup>a</sup>
Small game (pheasant, rabbit, etc.)	40
Deer (firearm)	33
Doves	9
Deer (archery)	9
Ducks	8
Geese	5
Turkey (spring)	5
Furbearers	4
Turkey (fall)	3
Deer (muzzleloader)	0
Other	0

<sup>a</sup>Total is greater than 100% because some respondents chose >1 answer.

Table 5.1-6. Background information for participants in the BOW survey (Illinois 2001).

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How many years have you lived in Illinois? (n=315)

Mean	38 years
Distribution: $\leq 10$ years	9%
11-20 “	5
21-30 “	12
31-40 “	24
41-50 “	30
$\geq 51$ “	20

What is your marital status? (n=317)

Single (never married)	15%
Married	61
Divorced/separated/widowed	24

Do you have children living at home? (n=317)

Yes	40%
No	60

What is your county of residence? (n=321)<sup>a</sup>

Illinois counties	98%
Other states	2

Which of the following best describes the area where you now live? (n=318)

Rural area	25%
Small town	14
Suburb of medium or large city	17
Small city (5,000 to 49,999)	18
Medium city (50,000 to 500,000)	13
Large city (over 500,000)	13

Please give your age. (n=309)

Mean	46 years
Distribution: $\leq 20$ years	0%
21-30 “	6
31-40 “	25
41-50 “	40
51-60 “	20
61-64 “	4
$\geq 65$ “	5

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<sup>a</sup>See Appendix E.



Appendix A

# Becoming an Outdoors-Woman Survey

ALL RESPONSES ARE CONFIDENTIAL

**THANK YOU FOR YOUR COOPERATION!**

Postage-paid return envelope provided

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

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

Please take 15 minutes of your time to complete this questionnaire. Your responses will tell us more about women and the outdoors in Illinois .

**Section 1. Becoming an Outdoors-Woman Workshop.** Please tell us about your interests in participating in the Becoming an Outdoors-Woman program.

1. How many BOW workshops have you attended? \_\_\_\_\_ workshops

2. In what year did you first attend a BOW workshop? \_\_\_\_\_

3. How did you hear about the BOW workshop? (please check all that apply)

\_\_\_\_\_ word-of-mouth \_\_\_\_\_ magazine

\_\_\_\_\_ newspaper \_\_\_\_\_ television

\_\_\_\_\_ other (please identify): \_\_\_\_\_

4. Did anyone accompany you to your most recent BOW workshop?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

4a. If "Yes," please identify your relationship with that person:

\_\_\_\_\_ friend \_\_\_\_\_ sister

\_\_\_\_\_ mother \_\_\_\_\_ daughter

\_\_\_\_\_ partner \_\_\_\_\_ other (please identify): \_\_\_\_\_

5. What prompted you to take part in the BOW workshop?

\_\_\_\_\_ to learn about the outdoors

\_\_\_\_\_ to develop or improve my skills in outdoor activities

\_\_\_\_\_ for the social interactions at the workshop

\_\_\_\_\_ it seemed like a fun activity

\_\_\_\_\_ to find people to join me in outdoor activities

\_\_\_\_\_ other (please identify): \_\_\_\_\_

6. In what outdoor activities have you participated **before taking the BOW workshop**?

\_\_\_\_\_ fishing \_\_\_\_\_ hunting

\_\_\_\_\_ rifle shooting \_\_\_\_\_ canoeing/kayaking

\_\_\_\_\_ shotgun shooting \_\_\_\_\_ boating

\_\_\_\_\_ pistol shooting \_\_\_\_\_ hiking

\_\_\_\_\_ archery \_\_\_\_\_ camping

\_\_\_\_\_ other (please identify): \_\_\_\_\_

7. In what outdoor activities have you participated **after taking the BOW workshop**?

- |                                      |                         |
|--------------------------------------|-------------------------|
| _____ fishing                        | _____ hunting           |
| _____ rifle shooting                 | _____ canoeing/kayaking |
| _____ shotgun shooting               | _____ boating           |
| _____ pistol shooting                | _____ hiking            |
| _____ archery                        | _____ camping           |
| _____ other (please identify): _____ |                         |

8. How would you rate the BOW workshop for preparing you to take part in the outdoor activities you checked in question 7 above? Please circle the number that matches your response.

- |      |      |      |           |
|------|------|------|-----------|
| Poor | Fair | Good | Excellent |
| 1    | 2    | 3    | 4         |

**Section 2. Participation in Outdoor Activities.** Please tell us about your outdoor activities during the past 12 months and your experiences related to outdoor recreation.

1. Approximately how many days did you take part in the following activities in the **past 12 months**? Please check the appropriate days for each activity.

Activity	Days of Participation			
	none	1 day	2 – 4 days	5 days or more
Fishing				
Canoeing				
Kayaking				
Boating				
Hunting				
Shooting (rifle)				
Shooting (shotgun)				
Shooting (pistol)				
Archery				
Hiking				
Camping				
Other (please identify):				

2. Which of the following describes the people you usually do outdoor activities with now? Choose all that apply.

- |  |   |
|--|---|
| <input type="checkbox"/> husband/boyfriend                   | <input type="checkbox"/> female relatives |
| <input type="checkbox"/> women friends                       | <input type="checkbox"/> male relatives   |
| <input type="checkbox"/> friends from clubs or organizations |   |
| <input type="checkbox"/> other (please identify): _____      |   |

3. What do you consider to be the most important factor that hinders women from participating in outdoor activities?

- |   |  |
|---|--|
| <input type="checkbox"/> no one to go with              | <input type="checkbox"/> no clubs or groups devoted to women's involvement |
| <input type="checkbox"/> too male dominated             | <input type="checkbox"/> no places to go                                   |
| <input type="checkbox"/> not enough time                | <input type="checkbox"/> too expensive                                     |
| <input type="checkbox"/> other (please identify): _____ |  |

4. Are there any activities you would like to try, but haven't yet?

- Yes  
 No

4a. If "Yes," what are they? Please check all that apply.

- |   |                                   |
|---|-----------------------------------|
| <input type="checkbox"/> fishing                        | <input type="checkbox"/> hunting  |
| <input type="checkbox"/> rifle shooting                 | <input type="checkbox"/> canoeing |
| <input type="checkbox"/> shotgun shooting               | <input type="checkbox"/> kayaking |
| <input type="checkbox"/> pistol shooting                | <input type="checkbox"/> hiking   |
| <input type="checkbox"/> archery                        | <input type="checkbox"/> camping  |
| <input type="checkbox"/> other (please identify): _____ |                                   |

4b. What would it take for you to participate in the activities you selected in question 4a above?

- |   |   |
|---|---|
| <input type="checkbox"/> someone to go with             | <input type="checkbox"/> information about places to go |
| <input type="checkbox"/> more skills with activity      | <input type="checkbox"/> training to develop skills     |
| <input type="checkbox"/> more time                      | <input type="checkbox"/> equipment                      |
| <input type="checkbox"/> other (please identify): _____ |   |

The following statements concern the influence of the Becoming an Outdoors-Woman workshop on your outdoor activities. Please circle the number that matches your response.

	Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
5. I plan to increase my participation in outdoor activities.	1	2	3	4	5
6. My closest friends are involved in the same outdoor activities I am.	1	2	3	4	5
7. I now have a greater appreciation of hunting than before I attended BOW.	1	2	3	4	5
8. If I cannot find someone to do outdoor activities with me, I go alone.	1	2	3	4	5
9. Outdoor activities presented in BOW are important to my family.	1	2	3	4	5

10. In the past five years, have you purchased any of the following specifically for outdoor recreation? Check all that apply.

- |   |  |
|---|--|
| <input type="checkbox"/> rifle            | <input type="checkbox"/> shotgun                               |
| <input type="checkbox"/> bow              | <input type="checkbox"/> pistol                                |
| <input type="checkbox"/> fishing rod/reel | <input type="checkbox"/> fishing equipment other than rod/reel |
| <input type="checkbox"/> camper           | <input type="checkbox"/> firearm or bow                        |
| <input type="checkbox"/> land             | <input type="checkbox"/> boat/canoe/kayak                      |
| <input type="checkbox"/> ATV              | <input type="checkbox"/> clothing                              |
| <input type="checkbox"/> hunting dog      | <input type="checkbox"/> other (please identify): _____        |

**Section 3. Experience.** Please answer the following questions about your outdoor experiences.

1. When you were growing up, did anyone in your family take part in hunting, fishing, boating or camping?

- Yes  
 No

1a. If "Yes," which activities?

- hunting       fishing       boating       camping

2. Did you take part in any of the following activities as a youth?

<input type="checkbox"/> fishing	<input type="checkbox"/> hunting
<input type="checkbox"/> rifle shooting	<input type="checkbox"/> canoeing/kayaking
<input type="checkbox"/> shotgun shooting	<input type="checkbox"/> boating
<input type="checkbox"/> pistol shooting	<input type="checkbox"/> hiking
<input type="checkbox"/> archery	<input type="checkbox"/> camping
<input type="checkbox"/> other (please identify): _____	

2a. If "Yes," with whom did you do the activities **most often**? Please check all that apply.

<input type="checkbox"/> father	<input type="checkbox"/> mother	<input type="checkbox"/> grandparent
<input type="checkbox"/> uncle/aunt	<input type="checkbox"/> brother/sister	<input type="checkbox"/> friend of family
<input type="checkbox"/> friend of mine	<input type="checkbox"/> other (please identify): _____	

3. Which of the following best describes the area **where you were raised**?

<input type="checkbox"/> rural area	<input type="checkbox"/> small city (5,000 to 49,999)
<input type="checkbox"/> small town	<input type="checkbox"/> medium city (50,000 to 500,000)
<input type="checkbox"/> suburb of medium or large city	<input type="checkbox"/> large city (over 500,000)

<b>Section 4. Hunting.</b> Please answer the following questions for <u>all species</u> hunted in Illinois.
---

1. Do you hunt?

Yes           No (Please go to Section 5)

2. Did you hunt during the 2000-2001 hunting seasons?

Yes           No

2a. If "Yes," which of the following did you hunt? Please check all that apply.

<input type="checkbox"/> geese	<input type="checkbox"/> ducks	<input type="checkbox"/> small game (pheasant, rabbit, etc.)
<input type="checkbox"/> doves	<input type="checkbox"/> turkey (spring)	<input type="checkbox"/> turkey (fall)
<input type="checkbox"/> furbearers	<input type="checkbox"/> deer (archery)	<input type="checkbox"/> deer (firearm)
<input type="checkbox"/> deer (muzzleloader) <input type="checkbox"/> other (Please identify): _____		

3. In **the last five years**, has your total hunting effort

Increased (please go to **question 4**)

Stayed the same (please go to **question 6**)

Decreased (please go to **question 5**)

4. If your total hunting effort **increased the last five years**, has it been due to (please check all that apply):

- |   |  |
|---|--|
| <input type="checkbox"/> increased free time            | <input type="checkbox"/> more game                       |
| <input type="checkbox"/> greater financial resources    | <input type="checkbox"/> hunting partners                |
| <input type="checkbox"/> better seasons/regulations     | <input type="checkbox"/> availability of land            |
| <input type="checkbox"/> better health/fitness          | <input type="checkbox"/> involved in new type of hunting |
| <input type="checkbox"/> better equipment               |  |
| <input type="checkbox"/> other (please identify): _____ |  |

5. If your total hunting effort **decreased**, has it been due to (please check all that apply):

- |   |  |
|---|--|
| <input type="checkbox"/> lack of time                   | <input type="checkbox"/> lack of interest          |
| <input type="checkbox"/> lack of financial resources    | <input type="checkbox"/> no one to hunt with       |
| <input type="checkbox"/> too many regulations           | <input type="checkbox"/> seasons too short         |
| <input type="checkbox"/> no land to hunt on             | <input type="checkbox"/> not enough game           |
| <input type="checkbox"/> health problems                | <input type="checkbox"/> too much equipment needed |
| <input type="checkbox"/> other (please identify): _____ |  |

6. Do other members of your family hunt?

- Yes  
 No

6a. What other members in your family hunt? Please check all that apply.

- |                                     |   |                                      |
|-------------------------------------|---|--------------------------------------|
| <input type="checkbox"/> father     | <input type="checkbox"/> mother                         | <input type="checkbox"/> grandparent |
| <input type="checkbox"/> uncle/aunt | <input type="checkbox"/> brother/sister                 | <input type="checkbox"/> cousin      |
| <input type="checkbox"/> in-law(s)  | <input type="checkbox"/> other (please identify): _____ |                                      |

7. Which of the following species did you hunt **during your first year of hunting**? Please check all that apply.

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> geese               | <input type="checkbox"/> ducks                          | <input type="checkbox"/> small game (pheasant, rabbit, etc.) |
| <input type="checkbox"/> doves               | <input type="checkbox"/> turkey (spring)                | <input type="checkbox"/> turkey (fall)                       |
| <input type="checkbox"/> furbearers          | <input type="checkbox"/> deer (archery)                 | <input type="checkbox"/> deer (firearm)                      |
| <input type="checkbox"/> deer (muzzleloader) | <input type="checkbox"/> other (please identify): _____ |  |

**Section 5. Background Information.** The following questions are important to help us understand more about the people involved in hunting in Illinois. Please tell us something about yourself by checking the responses that apply. All responses will be kept confidential.

1. How many years have you lived in Illinois? \_\_\_\_\_ Years
2. What is your marital status?  
\_\_\_\_\_ Single (never married)      \_\_\_\_\_ Married      \_\_\_\_\_ Divorced/Separated/ Widowed
3. Do you have children living at home?  
\_\_\_\_\_ Yes      \_\_\_\_\_ No
4. What is your county of residence? \_\_\_\_\_
5. Which of the following best describes the area where you live now?  
\_\_\_\_\_ rural area      \_\_\_\_\_ small city (5,000 to 49,999)  
\_\_\_\_\_ small town      \_\_\_\_\_ medium city (50,000 to 500,000)  
\_\_\_\_\_ suburb of medium or large city      \_\_\_\_\_ large city (over 500,000)
6. Please give your age. \_\_\_\_\_ years

**COMMENTS**

**RETURN ENVELOPE IS PROVIDED – POSTAGE-PAID  
THANK YOU FOR YOUR TIME AND ASSISTANCE!**

Your input will help us understand more about women and the outdoors in Illinois.

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



## Appendix B

Dear BOW Workshop Participant,

You are one of a select group of BOW Workshop participants asked to provide information about your outdoor activities and the BOW Workshop you attended. Please complete the enclosed questionnaire and return it to us as soon as possible. The information you and other selected BOW Workshop participants furnish is vital for evaluating our BOW program and to provide quality outdoor opportunities for women like you.

This survey is limited to those workshop participants selected. Please take 15 minutes to complete the enclosed questionnaire and return it to us in the postage-paid envelope provided.

Thank you for your time and assistance.

Sincerely,

Kathy M. Andrews  
Head, Educational Services Section  
Division of Education

## Appendix C

Dear BOW Workshop Participant,

You were recently mailed a survey questionnaire that asked to provide information about your outdoor activities and the BOW Workshop you attended. We have not received your completed questionnaire at this time. Please complete the enclosed questionnaire and return it to us as soon as possible. The information you and other selected BOW Workshop participants furnish is vital for evaluating our BOW program and to provide quality outdoor opportunities for women like you.

This survey is limited to those workshop participants selected. Please take 15 minutes to complete the enclosed questionnaire and return it to us in the postage-paid envelope provided.

Thank you for your time and assistance.

Sincerely,

Kathy M. Andrews  
Head, Educational Services Section  
Division of Education

### Appendix D

Section 1, Question 3. How did you hear about the BOW workshop? (Illinois 2001, n=267)

	Percent Response
World wide web (Internet), DNR website	8
Fliers, mailings, newsletter	6
DNR office, state fair DNR booth	5
Hunting and fishing expo/show	2
Gun club/sportsman's club	1

Section 1. Question 4a. Please identify relationship with person who accompanied you to the BOW workshop? (Illinois 2001, n=134)

Person	Percent Response
Mother-in-law	3
Sister-in-law	3
Niece	2
Co-worker	2
Aunt	2
Daughter-in-law	1

Section 1, Question 6. In what outdoor activities have you participated before taking the BOW workshop? (Illinois 2001, n=267)

Activity	Percent Response	Activity	Percent Response
Watching wildlife/identification	4	Cross county skiing	1
Biking	1	Orienteering	1
Gardening	<1	Photography	1
Rock climbing	1	Skating	<1
Mushroom hunting	<1	Swimming	<1
Horseback riding	3	Sailing	1
Outdoor cooking	1	ATV riding/4-wheeling	1
Scuba diving	<1	Snowmobiling	1
Caving	1	Survival training/course	<1

Section 1, Question 7. In what outdoor activities have you participated after taking the BOW workshop? (Illinois 2001, n=267)

Activity	Percent Response	Activity	Percent Response
White water rafting	1	Biking	2
Watching wildlife	4	Cross county skiing	1
Plant/wildlife identification	1	Rock climbing	<1
Horseback riding	2	Nature photography	2
Scuba diving	<1	Fossil hunting	<1
Caving	<1	Foraging for wild edibles	<1
Outdoor cooking	2		

Section 2, Question 4a. What activities would you like to try but haven't? (Illinois 2001, n=267)

Activity	Percent Response	Activity	Percent Response
Snow skiing	1	Snow shoeing	1
Rock climbing	3	Outdoor cooking	1
Boating	2	Survival training	2
Repelling	2	Scuba diving	<1
Mushroom picking	<1	Wood cutting	<1
Plant/wildlife identification	2	Outdoor photography	1
Sailing	2	Windsurfing	<1
Clean and dress harvested game	1	Snow mobiling	<1
Backpacking	2	Scoring antlers	<1
Caning	<1	Taxidermy	<1
Orienteering	3	Biking	<1
Horseback riding	1		

Appendix E

County of residence of women who participated in the Becoming an Outdoor-Woman Survey (Illinois 2001) (n=321).

County	Number of Residents	County	Number of Residents	County	Number of Residents
<u>Region 1</u>		<u>Region 3</u>		<u>Region 5</u>	
Boone	0	Champaign	7	Alexander	0
Bureau	0	Clark	0	Clay	0
Carroll	0	Coles	1	Crawford	1
DeKalb	4	Cumberland	1	Edwards	1
Fulton	0	Dewitt	2	Effingham	2
Henderson	0	Douglas	0	Fayette	0
Henry	3	Edgar	0	Franklin	2
JoDaviess	1	Ford	1	Gallatin	0
Knox	2	Iroquois	0	Hamilton	0
LaSalle	2	Livingston	1	Hardin	0
Lee	3	Macon	8	Jackson	2
Marshall	1	McLean	3	Jasper	1
McDonough	0	Moultrie	2	Jefferson	0
Mercer	2	Piatt	1	Johnson	2
Ogle	4	Shelby	2	Lawrence	0
Peoria	8	Vermilion	2	Marion	2
Putnam	1	Subtotal	31	Massac	3
Rock Island	10			Perry	2
Stark	0	<u>Region 4</u>		Pope	1
Stephenson	1	Adams	2	Pulaski	0
Tazewell	5	Bond	0	Richland	0
Warren	0	Brown	0	Saline	0
Whiteside	2	Calhoun	0	Union	1
Winnebago	3	Cass	0	Wabash	0
Woodford	4	Christian	0	Wayne	0
Subtotal	56	Clinton	0	White	0
		Greene	1	Williamson	2
<u>Region 2</u>		Hancock	1	Subtotal	22
Cook	69	Jersey	2		
DuPage	22	Logan	2	Nonresidents	7 <sup>a</sup>
Grundy	2	Macoupin	7		
Kane	14	Madison	10		
Kankakee	2	Mason	0		
Kendall	3	Menard	3		
Lake	15	Monroe	3		
McHenry	13	Montgomery	2		
Will	7	Morgan	2		
Subtotal	147	Pike	0		
		Randolph	2		
		Sangamon	21		
		Schuyler	0		
		Scott	0		
		St. Clair	0		
		Washington	0		
		Subtotal	58		

<sup>a</sup>Iowa (2), Missouri (2), Wisconsin (3).