## PUBLIC SURVEY RESULTS - 2014

## INTRODUCTION

In August - September 2014, Trend Research was contracted to conduct telephone interviews with residents across Alberta to assess their knowledge of conservation organizations, their participation in outdoor recreational activities and their perceptions of various conservation issues affecting the province. A total of 1,200 telephone interviews were completed with Albertans within four geographic regions; 300 Urban North (Edmonton), 300 Urban South (Calgary), 300 Rural North; and 300 Rural South. All interviews were with Albertans age 18+.

The results of this survey have been compared to a similar survey conduct by Leger Market Research in 2008.

## METHODOLOGY

A total of 1,200 telephone interviews were completed by Trend Research between August $5^{\text {th }}$ and September $19^{\text {th }}, 2014$ with randomly selected Albertans aged 18+. The telephone surveys were split geographically into 300 in the Urban North (Edmonton Census Metropolitan Area (CMA) as defined by Statistics Canada), 300 in the Urban South (Calgary CMA), 300 Rural North (north of Highway 16 excluding Grande Prairie and Ft. McMurray) and 300 Rural South (south of Highway 16, excluding Red Deer, Lethbridge and Medicine Hat). Within each geographic area 150 women and 150 men were surveyed.

Trend Research purchased a random, representative sample of phone numbers for the survey, and included cell phone numbers as $25 \%$ of the sample. All interviews were conducted from Trend Research's Edmonton call centre. All interviews were supervised and monitored and the survey was registered with the Marketing Research \& Intelligence Association (MRIA) to ensure best practices were being adhered to.

All interviews were trained on the specific survey questions and a pretest of 30 interviews was conducted prior to commencing the full survey.

## Statistical Reliability

Overall results, at a sample size of 1,200 , are accurate to within $\pm 2.8$ percentage points, 19 times out of 20 (Canadian Advertising Research Foundation, Media Research Standards Procedures, 1984).

Regional results, at a sample size of 300 in each Edmonton CMA, Calgary CMA, northern rural Alberta, and southern rural Alberta, are accurate to within $\pm 5.7$ percentage points, 19 times out of 20 (Canadian Advertising Research Foundation, Media Research Standards Procedures, 1984).

Sex biased results, at a sample size of 150 are accurate to within $\pm 8.0$ percentage points, 19 times out of 20 (Canadian Advertising Research Foundation, Media Research Standards Procedures, 1984).

## RESULTS

Question 1. Please name as many active conservation organizations as you can, that operate in Alberta.

|  | Rural North Male | Rural North Female | Urban North Male | Urban North Female | Rural South Male | Rural South Female | Urban South Male | Urban South Female | Total | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=1200$ |  |
| ACA | 4 | 7 | 4 | 2 | 4 | 2 | 4 | 0 | 27 | 2.25 |
| AFGA | 12 | 13 | 9 | 4 | 21 | 7 | 10 | 1 | 77 | 6.42 |
| AHEIA | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 2 | 0.17 |
| ATA | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0.17 |
| APOS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| NA | 2 | 0 | 2 | 0 | 1 | 2 | 0 | 1 | 8 | 0.67 |
| PF | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 1 | 7 | 0.58 |
| TUC | 0 | 0 | 2 | 0 | 2 | 0 | 5 | 2 | 11 | 0.92 |
| WSFA | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0.17 |
| DUC | 45 | 37 | 35 | 32 | 55 | 47 | 45 | 36 | 332 | 27.67 |
| HFT | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0.08 |
| NCC | 2 | 3 | 5 | 1 | 6 | 6 | 9 | 10 | 42 | 3.50 |
| WEF | 2 | 0 | 1 | 0 | 1 | 1 | 2 | 0 | 7 | 0.58 |
| WWS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| WWF | 5 | 6 | 5 | 11 | 6 | 6 | 18 | 13 | 70 | 5.83 |
| Other | 16 | 18 | 18 | 19 | 14 | 24 | 14 | 13 | 136 | 11.33 |
| Could Name No Group | 76 | 80 | 84 | 86 | 62 | 63 | 76 | 89 | 616 | 51.33 |

(ACA - Alberta Conservation Association, AFGA - Alberta Fish and Game Association, AHEIA - Alberta Hunter Education Instructors' Association, ATA - Alberta Trappers' Association, APOS - Alberta Professional Outfitters Society, NA - Nature Alberta, PF Pheasants Forever, TUC - Trout Unlimited Canada, WSFA - Wild Sheep Foundation, Alberta, DUC - Ducks Unlimited Canada, HFT - Hunting For Tomorrow, NCC - Nature Conservancy Canada, WEF - Wild Elk Federation, WWS - Willmore Wilderness Society, WWF - World Wildlife Fund)

RESULTS: Unaided (no mention of name) recognition for ACA was $2.25 \%$ of respondents which compares to $2 \%$ in 2008. Half of respondents could not name an active conservation group in Alberta, which is the same result as in 2008.

Question 2. Have you heard of the following conservation groups? (group was mentioned if not identified in Question 1)

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban North Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban South Female | $\begin{aligned} & \text { Total } \\ & \text { Q. } 2 \end{aligned}$ | Total Q. 1 | $\begin{aligned} & \text { \% } \\ & \text { Total } \\ & 1+2 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | $\mathrm{n}=1200$ |
| ACA | 92 | 76 | 74 | 70 | 98 | 91 | 65 | 77 | 643 | 27 | 55.83 |
| AFGA | 131 | 127 | 124 | 125 | 122 | 137 | 123 | 125 | 1014 | 77 | 90.92 |
| AHEIA | 79 | 71 | 45 | 32 | 79 | 75 | 34 | 23 | 438 | 2 | 36.67 |
| ATA | 102 | 96 | 56 | 44 | 67 | 49 | 42 | 30 | 486 | 2 | 40.67 |
| APOS | 60 | 40 | 38 | 29 | 58 | 50 | 38 | 29 | 342 | 0 | 28.50 |
| NA | 25 | 28 | 9 | 7 | 28 | 22 | 10 | 4 | 133 | 8 | 11.75 |
| PF | 98 | 101 | 92 | 88 | 85 | 97 | 91 | 103 | 755 | 7 | 63.50 |
| TUC | 28 | 6 | 12 | 7 | 25 | 12 | 12 | 6 | 108 | 11 | 9.92 |
| WSFA | 27 | 20 | 46 | 35 | 47 | 41 | 83 | 52 | 351 | 2 | 29.42 |
| DUC | 29 | 19 | 30 | 42 | 28 | 35 | 23 | 29 | 235 | 332 | 47.25 |
| HFT | 56 | 62 | 61 | 63 | 61 | 62 | 69 | 69 | 503 | 1 | 42.00 |
| NCC | 26 | 22 | 18 | 19 | 37 | 16 | 10 | 15 | 163 | 42 | 17.08 |
| WEF | 22 | 12 | 14 | 9 | 30 | 21 | 14 | 9 | 131 | 7 | 11.50 |
| WWS | 54 | 49 | 30 | 25 | 46 | 26 | 22 | 13 | 265 | 0 | 22.08 |
| WWF | 121 | 112 | 122 | 111 | 118 | 114 | 116 | 114 | 928 | 70 | 83.16 |

RESULTS: Total recognition of ACA (unaided plus aided) was $56 \%$ of respondents compared to 43\% in 2008.

Question 3. Using a one to seven scale where one means DO NOT SUPPORT AT ALL, four means SUPPORT and seven means COMPLETELY SUPPORT, rate your level of support for the following activities.

## Question 3A. Catch and release fishing

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> \% |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Do not support at all 1 | 21 | 16 | 9 | 12 | 18 | 15 | 15 | 15 | $\mathbf{1 2 1}$ | 10.08 |
| 2 | 3 | 6 | 6 | 2 | 3 | 5 | 0 | 4 | $\mathbf{2 9}$ | 2.42 |
| 3 | 7 | 8 | 6 | 5 | 4 | 2 | 2 | 11 | $\mathbf{4 5}$ | 3.75 |
| Support 4 | $\mathbf{1 8}$ | $\mathbf{1 9}$ | $\mathbf{1 6}$ | $\mathbf{2 3}$ | $\mathbf{1 6}$ | $\mathbf{1 8}$ | $\mathbf{1 6}$ | $\mathbf{2 3}$ | $\mathbf{1 4 9}$ | 12.42 |
| 5 | 23 | 18 | 19 | 21 | 16 | 27 | 20 | 18 | $\mathbf{1 6 2}$ | 13.50 |
| 6 | 23 | 14 | 23 | 14 | 24 | 13 | 21 | 17 | $\mathbf{1 4 9}$ | 12.42 |
| Completely support 7 | 55 | 66 | 69 | 71 | 67 | 68 | 73 | 61 | $\mathbf{5 3 0}$ | 44.17 |

RESULTS:83\% of respondents "support" $(4,5,6,7)$ catch and release fishing compared to $82 \%$ in 2008.

Question 3B. Catch and keep fishing

|  | Rural North Male | Rural North Female | Urban North Male | Urban North Female | Rural South Male | Rural South Female | Urban South Male | $\begin{aligned} & \hline \text { Urban } \\ & \text { South } \\ & \text { Female } \\ & \hline \end{aligned}$ | Total | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | 1200 |  |
| Do not support at all 1 | 12 | 4 | 17 | 16 | 17 | 17 | 16 | 16 | 115 | 9.58 |
| 2 | 2 | 8 | 4 | 5 | 10 | 6 | 11 | 4 | 50 | 4.17 |
| 3 | 12 | 6 | 15 | 13 | 12 | 11 | 15 | 13 | 97 | 8.08 |
| Support 4 | 29 | 32 | 31 | 39 | 25 | 43 | 20 | 49 | 268 | 22.33 |
| 5 | 20 | 21 | 32 | 26 | 19 | 25 | 29 | 26 | 198 | 16.50 |
| 6 | 15 | 21 | 21 | 11 | 16 | 11 | 16 | 17 | 128 | 10.67 |
| Completely support 7 | 57 | 56 | 29 | 36 | 50 | 32 | 37 | 22 | 319 | 26.58 |

RESULTS: $76 \%$ of respondents "support" $(4,5,6,7)$ catch and keep fishing compared to $66 \%$ in 2008.

Question 3C. Hiking

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> $\mathbf{\%}$ <br> $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |  |  |  |
| Do not support at all 1 | 6 | 5 | 11 | 4 | 4 | 5 | 6 | 2 | $\mathbf{4 3}$ | 3.58 |
| 2 | 1 | 1 | 6 | 0 | 4 | 1 | 3 | 2 | $\mathbf{1 8}$ | 1.50 |
| 3 | 0 | 3 | 7 | 2 | 4 | 4 | 5 | 2 | $\mathbf{2 7}$ | 2.25 |
| Support 4 | $\mathbf{1 6}$ | $\mathbf{5}$ | $\mathbf{1 1}$ | $\mathbf{1 0}$ | $\mathbf{9}$ | $\mathbf{1 4}$ | $\mathbf{1 6}$ | $\mathbf{1 6}$ | $\mathbf{9 7}$ | 8.08 |
| 5 | 14 | 19 | 14 | 15 | 18 | 11 | 20 | 10 | $\mathbf{1 2 1}$ | 10.08 |
| 6 | 22 | 16 | 15 | 14 | 19 | 13 | 18 | 15 | $\mathbf{1 3 2}$ | 11.00 |
| Completely support 7 | 87 | 99 | 86 | 105 | 92 | 102 | 82 | 103 | $\mathbf{7 5 6}$ | 63.00 |

RESULTS: $92 \%$ of respondents "support" $(4,5,6,7)$ hiking compared to $93 \%$ in 2008.
Question 3D. Bird watching

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> $\mathbf{n}$ | $\mathbf{n}=\mathbf{1 5 0}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |  |  |
| Do not support at all 1 | 16 | 5 | 16 | 5 | 17 | 7 | 14 | 4 | $\mathbf{8 4}$ | 7.00 |
| 2 | 0 | 2 | 4 | 2 | 5 | 1 | 8 | 4 | $\mathbf{2 6}$ | 2.17 |
| 3 | 3 | 0 | 4 | 4 | 6 | 2 | 8 | 5 | $\mathbf{3 2}$ | 2.67 |
| Support $\mathbf{4}$ | $\mathbf{1 1}$ | $\mathbf{1 7}$ | $\mathbf{1 4}$ | $\mathbf{1 1}$ | $\mathbf{1 5}$ | $\mathbf{1 4}$ | $\mathbf{2 5}$ | $\mathbf{6}$ | $\mathbf{1 1 3}$ | 9.42 |
| 5 | 22 | 15 | 12 | 10 | 10 | 11 | 17 | 10 | $\mathbf{1 0 7}$ | 8.92 |
| 6 | 11 | 12 | 8 | 9 | 14 | 12 | 26 | 7 | $\mathbf{9 9}$ | 8.25 |
| Completely support 7 | 86 | 98 | 93 | 109 | 83 | 101 | 52 | 113 | $\mathbf{7 3 5}$ | 61.25 |

RESULTS: 88\% of respondents "support" $(4,5,6,7)$ bird watching compared to $90 \%$ in 2008.

## Question 3E. Canoeing

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> $\mathbf{\%}$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Do not support at all 1 | 9 | 8 | 18 | 9 | 14 | 11 | 10 | 4 | $\mathbf{8 3}$ | 6.92 |
| 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | $\mathbf{2 2}$ | 1.83 |
| 3 | 4 | 1 | 10 | 2 | 3 | 3 | 10 | 3 | $\mathbf{3 6}$ | 3.00 |
| Support 4 | $\mathbf{1 4}$ | $\mathbf{1 4}$ | $\mathbf{1 1}$ | $\mathbf{9}$ | $\mathbf{1 1}$ | $\mathbf{1 3}$ | $\mathbf{1 8}$ | $\mathbf{1 6}$ | $\mathbf{1 0 6}$ | 8.83 |
| 5 | 17 | 16 | 6 | 13 | 12 | 15 | 25 | 17 | $\mathbf{1 2 1}$ | 10.08 |
| 6 | 18 | 19 | 24 | 13 | 25 | 16 | 21 | 19 | $\mathbf{1 5 5}$ | 12.92 |
| Completely support 7 | 83 | 86 | 77 | 99 | 80 | 67 | 60 | 89 | $\mathbf{6 4 1}$ | 53.42 |

RESULTS: $85 \%$ of respondents "support" $(4,5,6,7)$ canoeing compared to $88 \%$ in 2008.
Question 3F. Nature photography

|  | Rural <br> North <br> Male | Rural <br> North <br> Femal <br> $\mathbf{e}$ | Urban <br> North <br> Male | Urban <br> North <br> Femal <br> $\mathbf{e}$ | Rural <br> South <br> Male | Rural <br> South <br> Femal <br> $\mathbf{e}$ | Urban <br> South <br> Male | Urban <br> South <br> Femal <br> $\mathbf{e}$ | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Do not support at all 1 | 9 | 3 | 16 | 5 | 9 | 6 | 9 | 3 | $\mathbf{6 0}$ | 5.00 |
| 2 | 1 | 2 | 2 | 4 | 3 | 1 | 2 | 2 | $\mathbf{1 7}$ | 1.42 |
| 3 | 1 | 0 | 5 | 11 | 3 | 0 | 5 | 2 | $\mathbf{2 7}$ | 2.25 |
| Support $\mathbf{4}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |  |
| 5 | 12 | $\mathbf{1 4}$ | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 0}$ | $\mathbf{1 2}$ | $\mathbf{1 3}$ | $\mathbf{5}$ | $\mathbf{8 8}$ | 7.33 |
| 6 | 14 | 12 | 12 | 8 | 17 | 10 | 24 | 13 | $\mathbf{1 1 0}$ | 9.17 |
| Completely support 7 | 96 | 110 | 94 | 111 | 92 | 107 | 79 | 114 | $\mathbf{8 0 3}$ | 66.92 |

RESULTS: $91 \%$ of respondents "support" $(4,5,6,7)$ nature photography compared to $92 \%$ in 2008.

Question 3G. Trapping

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> $\mathbf{n}=$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Do not support at all 1 | 25 | 30 | 45 | 50 | 37 | 44 | 54 | 73 | $\mathbf{3 5 8}$ | 29.83 |
| 2 | 13 | 11 | 11 | 18 | 13 | 13 | 16 | 15 | $\mathbf{1 1 0}$ | 9.17 |
| 3 | 6 | 8 | 28 | 20 | 12 | 12 | 12 | 13 | $\mathbf{1 1 1}$ | 9.25 |
| Support 4 | $\mathbf{2 0}$ | $\mathbf{2 5}$ | $\mathbf{2 6}$ | $\mathbf{2 6}$ | $\mathbf{2 5}$ | $\mathbf{2 5}$ | $\mathbf{2 4}$ | $\mathbf{2 4}$ | $\mathbf{1 9 5}$ | 16.25 |
| 5 | 25 | 23 | 25 | 12 | 19 | 21 | 12 | 11 | $\mathbf{1 4 8}$ | 12.33 |
| 6 | 18 | 22 | 5 | 7 | 12 | 8 | 10 | 3 | $\mathbf{8 5}$ | 7.08 |
| Completely support 7 | 41 | 25 | 15 | 15 | 26 | 20 | 19 | 8 | $\mathbf{1 6 9}$ | 14.08 |

RESULTS: 50\% of respondents "support" $(4,5,6,7)$ trapping compared to $41 \%$ in 2008.
Question 3H. Motorized watercraft use

|  | Rural North Male | Rural North Female | Urban North Male | Urban North Female | Rural South Male | Rural South Female | Urban South Male | Urban South Female | Total | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | 1200 |  |
| Do not support at all 1 | 17 | 10 | 19 | 22 | 15 | 16 | 20 | 14 | 133 | 11.08 |
| 2 | 4 | 10 | 10 | 11 | 9 | 6 | 15 | 13 | 78 | 6.50 |
| 3 | 6 | 12 | 16 | 16 | 12 | 11 | 17 | 21 | 111 | 9.25 |
| Support 4 | 38 | 37 | 36 | 37 | 29 | 33 | 32 | 38 | 280 | 23.33 |
| 5 | 33 | 29 | 22 | 28 | 29 | 35 | 35 | 33 | 244 | 20.33 |
| 6 | 10 | 15 | 14 | 10 | 16 | 20 | 7 | 10 | 102 | 8.50 |
| Completely support 7 | 40 | 36 | 32 | 26 | 37 | 25 | 24 | 20 | 240 | 20.00 |
|  |  |  |  |  |  |  |  |  |  |  |

RESULTS: 72\% of respondents "support" $(4,5,6,7)$ motorized watercraft use compared to $56 \%$ in 2008.

Question 3I. Horseback riding

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> \% |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Do not support at all 1 | 7 | 6 | 12 | 5 | 9 | 10 | 13 | 9 | $\mathbf{7 1}$ | 5.92 |
| 2 | 4 | 2 | 5 | 4 | 3 | 0 | 7 | 0 | $\mathbf{2 5}$ | 2.08 |
| 3 | 5 | 2 | 5 | 4 | 5 | 3 | 6 | 7 | $\mathbf{3 7}$ | 3.08 |
| Support 4 | $\mathbf{1 7}$ | $\mathbf{1 4}$ | $\mathbf{2 3}$ | $\mathbf{1 9}$ | $\mathbf{1 4}$ | $\mathbf{8}$ | $\mathbf{1 2}$ | $\mathbf{2 2}$ | $\mathbf{1 2 9}$ | 10.75 |
| 5 | 19 | 20 | 19 | 11 | 24 | 18 | 25 | 18 | $\mathbf{1 5 4}$ | 12.83 |
| 6 | 19 | 18 | 14 | 15 | 15 | 19 | 21 | 14 | $\mathbf{1 3 5}$ | 11.25 |
| Completely support 7 | 77 | 87 | 71 | 92 | 78 | 91 | 66 | 80 | $\mathbf{6 4 2}$ | 53.50 |

RESULTS: $88 \%$ of respondents "support" $(4,5,6,7)$ horseback riding compared to $86 \%$ in 2008.
Question 3J. Gamebird hunting

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> $\mathbf{n}=\mathbf{n}$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Do not support at all 1 | 15 | 31 | 42 | 39 | 27 | 37 | 30 | 53 | $\mathbf{2 7 4}$ | 22.83 |
| 2 | 8 | 9 | 9 | 12 | 10 | 7 | 22 | 18 | $\mathbf{9 5}$ | 7.92 |
| 3 | 15 | 8 | 14 | 14 | 7 | 14 | 11 | 16 | $\mathbf{9 9}$ | 8.25 |
| Support 4 | $\mathbf{2 3}$ | $\mathbf{2 8}$ | $\mathbf{3 0}$ | $\mathbf{3 4}$ | $\mathbf{2 6}$ | $\mathbf{3 4}$ | $\mathbf{2 4}$ | $\mathbf{2 3}$ | $\mathbf{2 2 2}$ | 18.50 |
| 5 | 26 | 24 | 18 | 22 | 18 | 21 | 24 | 17 | $\mathbf{1 7 0}$ | 14.17 |
| 6 | 16 | 14 | 9 | 9 | 18 | 14 | 12 | 10 | $\mathbf{1 0 2}$ | 8.50 |
| Completely support 7 | 45 | 34 | 24 | 16 | 43 | 18 | 27 | 12 | $\mathbf{2 1 9}$ | 18.25 |

RESULTS: 59\% of respondents "support" $(4,5,6,7)$ gamebird hunting compared to $50 \%$ in 2008.

Question 3K. Big game hunting

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> \% |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Do not support at all 1 | 20 | 22 | 40 | 46 | 22 | 30 | 35 | 67 | $\mathbf{2 8 2}$ | 23.50 |
| 2 | 6 | 11 | 14 | 17 | 13 | 2 | 23 | 12 | $\mathbf{9 8}$ | 8.17 |
| 3 | 9 | 9 | 15 | 9 | 8 | 17 | 13 | 14 | $\mathbf{9 4}$ | 7.83 |
| Support 4 | $\mathbf{1 5}$ | $\mathbf{1 8}$ | $\mathbf{2 7}$ | $\mathbf{2 3}$ | $\mathbf{1 9}$ | $\mathbf{2 7}$ | $\mathbf{2 3}$ | $\mathbf{2 5}$ | $\mathbf{1 7 7}$ | 14.75 |
| 5 | 19 | 18 | 18 | 22 | 22 | 21 | 13 | 17 | $\mathbf{1 5 0}$ | 12.50 |
| 6 | 19 | 20 | 8 | 9 | 15 | 16 | 17 | 5 | $\mathbf{1 0 9}$ | 9.08 |
| Completely support 7 | 60 | 49 | 27 | 23 | 49 | 34 | 24 | 10 | $\mathbf{2 7 6}$ | 23.00 |

RESULTS: $59 \%$ of respondents "support" $(4,5,6,7)$ big game hunting compared to $47 \%$ in 2008.

## Question 3L. Dog walking

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> $\mathbf{\%}$ <br> $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |  |  |  |
| Do not support at all 1 | 16 | 7 | 14 | 3 | 13 | 5 | 12 | 7 | $\mathbf{7 7}$ | 6.42 |
| 2 | 1 | 2 | 5 | 2 | 3 | 2 | 4 | 1 | $\mathbf{2 0}$ | 1.67 |
| 3 | 7 | 0 | 4 | 5 | 5 | 2 | 5 | 5 | $\mathbf{3 3}$ | 2.75 |
| Support 4 | $\mathbf{1 8}$ | $\mathbf{1 2}$ | $\mathbf{9}$ | $\mathbf{1 4}$ | $\mathbf{1 7}$ | $\mathbf{1 7}$ | $\mathbf{2 3}$ | $\mathbf{2 3}$ | $\mathbf{1 3 3}$ | 11.08 |
| 5 | 14 | 17 | 15 | 13 | 16 | 22 | 24 | 12 | $\mathbf{1 3 3}$ | 11.08 |
| 6 | 13 | 7 | 23 | 13 | 12 | 15 | 14 | 6 | $\mathbf{1 0 3}$ | 8.58 |
| Completely support 7 | 76 | 102 | 77 | 100 | 82 | 84 | 68 | 95 | $\mathbf{6 8 4}$ | 57.00 |

RESULTS: $88 \%$ of respondents "support" $(4,5,6,7)$ dog walking compared to $81 \%$ in 2008.

Question 3M. Berry picking

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> \% |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Do not support at all 1 | 5 | 0 | 16 | 5 | 9 | 7 | 15 | 5 | $\mathbf{6 2}$ | 5.17 |
| 2 | 4 | 1 | 2 | 0 | 6 | 1 | 3 | 3 | $\mathbf{2 0}$ | 1.67 |
| 3 | 5 | 1 | 6 | 2 | 6 | 1 | 8 | 5 | $\mathbf{3 4}$ | 2.83 |
| Support 4 | $\mathbf{1 8}$ | $\mathbf{1 7}$ | $\mathbf{1 5}$ | $\mathbf{1 1}$ | $\mathbf{1 7}$ | $\mathbf{1 7}$ | $\mathbf{3 1}$ | $\mathbf{1 9}$ | $\mathbf{1 4 5}$ | 12.08 |
| 5 | 15 | 7 | 16 | 10 | 17 | 10 | 26 | 27 | $\mathbf{1 2 8}$ | 10.67 |
| 6 | 14 | 16 | 19 | 19 | 19 | 16 | 25 | 15 | $\mathbf{1 4 3}$ | 11.92 |
| Completely support 7 | 87 | 108 | 75 | 103 | 74 | 97 | 42 | 74 | $\mathbf{6 6 0}$ | 55.00 |

RESULTS: 90\% of respondents "support" $(4,5,6,7)$ berry picking compared to $84 \%$ in 2008.
Question 3N. Off-highway vehicle use

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> $\mathbf{n}=\mathbf{n 5 0}$ | $\mathbf{n = 1 5 0}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{1 2 0 0}$ |  |  |  |  |
| Do not support at all 1 | 30 | 25 | 41 | 46 | 31 | 33 | 38 | 50 | $\mathbf{2 9 4}$ | 24.50 |
| 2 | 11 | 11 | 19 | 11 | 13 | 18 | 26 | 17 | $\mathbf{1 2 6}$ | 10.50 |
| 3 | 11 | 10 | 14 | 17 | 18 | 19 | 24 | 19 | $\mathbf{1 3 2}$ | 11.00 |
| Support 4 | $\mathbf{3 0}$ | $\mathbf{3 2}$ | $\mathbf{3 1}$ | $\mathbf{3 8}$ | $\mathbf{2 6}$ | $\mathbf{2 9}$ | $\mathbf{2 2}$ | $\mathbf{3 1}$ | $\mathbf{2 3 9}$ | 19.92 |
| 5 | 17 | 35 | 17 | 15 | 16 | 19 | 17 | 16 | $\mathbf{1 5 2}$ | 12.67 |
| 6 | 13 | 9 | 11 | 5 | 11 | 12 | 11 | 7 | $\mathbf{7 9}$ | 6.58 |
| Completely support 7 | 38 | 27 | 14 | 15 | 33 | 17 | 11 | 7 | $\mathbf{1 6 2}$ | 13.50 |

RESULTS: $53 \%$ of respondents "support" $(4,5,6,7)$ of-highway vehicle use compared to $40 \%$ in 2008.

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Question 30. Plant collection

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> \% |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Do not support at all 1 | 20 | 14 | 24 | 16 | 21 | 22 | 30 | 23 | $\mathbf{1 7 0}$ | 14.17 |
| 2 | 3 | 10 | 7 | 5 | 11 | 5 | 10 | 8 | $\mathbf{5 9}$ | 4.92 |
| 3 | 19 | 12 | 14 | 9 | 9 | 8 | 15 | 13 | $\mathbf{9 9}$ | 8.25 |
| Support 4 | $\mathbf{2 4}$ | $\mathbf{2 3}$ | $\mathbf{3 6}$ | $\mathbf{3 6}$ | $\mathbf{3 6}$ | $\mathbf{3 2}$ | $\mathbf{3 1}$ | $\mathbf{3 5}$ | $\mathbf{2 5 3}$ | 21.08 |
| 5 | 29 | 17 | 21 | 25 | 23 | 20 | 19 | 30 | $\mathbf{1 8 4}$ | 15.33 |
| 6 | 16 | 21 | 13 | 10 | 16 | 15 | 11 | 7 | $\mathbf{1 0 9}$ | 9.08 |
| Completely support 7 | 33 | 46 | 27 | 40 | 26 | 38 | 26 | 32 | $\mathbf{2 6 8}$ | 22.33 |

RESULTS: 68\% of respondents "support" $(4,5,6,7)$ plant collection compared to $61 \%$ in 2008.
Question 4. With respect to wildlife conservation which of the following do you believe is the biggest issue in Alberta at this time?

|  | Rural North Male | Rural North Female | Urban North Male | Urban North Female | Rural South Male | Rural South Female | Urban South Male | Urban South Female | Total | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathrm{n}=150$ | $\mathrm{n}=150$ | n=150 | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | 1200 |  |
| Loss of native wildlife habitat | 72 | 85 | 88 | 90 | 79 | 88 | 73 | 99 | 674 | 56.17 |
| Lack of wildlife research | 11 | 10 | 14 | 11 | 14 | 16 | 14 | 11 | 101 | 8.42 |
| Over hunting | 16 | 20 | 19 | 14 | 15 | 12 | 19 | 20 | 135 | 11.25 |
| Wildlife diseases | 30 | 21 | 17 | 17 | 31 | 24 | 20 | 8 | 168 | 14.00 |
| Don't Know | 21 | 14 | 12 | 18 | 11 | 20 | 14 | 12 | 122 | 10.17 |

RESULTS: $56 \%$ of respondents ranked loss of native wildlife habitat as the biggest issue compared to $59 \% 2008$.

Question 5. With respect to fish conservation which of the following do you believe is the biggest issue in Alberta at this time?

|  | Rural North Male | $\begin{aligned} & \hline \text { Rural } \\ & \text { North } \\ & \text { Female } \end{aligned}$ | Urban North Male | Urban North Female | Rural South Male | Rural South Female | Urban South Male | Urban South Female | Total | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | $\mathrm{n}=150$ | 1200 |  |
| Reduced stream flows due to over allocation | 25 | 16 | 22 | 8 | 21 | 17 | 16 | 16 | 141 | 11.75 |
| Lack of fisheries research | 10 | 8 | 7 | 7 | 17 | 10 | 20 | 3 | 82 | 6.83 |
| Over fishing | 26 | 17 | 19 | 10 | 22 | 13 | 22 | 7 | 136 | 11.33 |
| Pollution of lakes and rivers | 81 | 107 | 95 | 113 | 79 | 93 | 79 | 116 | 763 | 63.58 |
| Don't Know | 8 | 2 | 7 | 12 | 11 | 17 | 13 | 8 | 78 | 6.50 |

RESULTS: 64\% of respondents ranked pollution of lakes and rivers as the biggest issue compared to $65 \% 2008$.

Question 6. In the last 12 months have you participated in any of the following outdoor activities in Alberta:

Question 6A. Hunting

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 45 | 20 | 19 | 6 | 42 | 10 | 15 | 2 | $\mathbf{1 5 9}$ | 13.25 |
| No | 105 | 130 | 131 | 144 | 108 | 140 | 135 | 148 | $\mathbf{1 0 4 1}$ | 86.75 |

RESULTS: $13 \%$ of respondents indicated they had participated in hunting in the last 12 months, compared to $9 \%$ in 2008.

Question 6B. Fishing

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 85 | 56 | 49 | 40 | 71 | 41 | 46 | 14 | $\mathbf{4 0 2}$ | 33.50 |
| No | 65 | 94 | 101 | 110 | 79 | 109 | 104 | 136 | $\mathbf{7 9 8}$ | 66.50 |

RESULTS: $34 \%$ of respondents indicated they had participated in fishing in the last 12 months, compared to $26 \%$ in 2008.

Question 6C. Hiking

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 94 | 92 | 86 | 97 | 107 | 99 | 99 | 103 | $\mathbf{7 7 7}$ | 64.75 |
| No | 56 | 58 | 64 | 53 | 43 | 51 | 51 | 47 | $\mathbf{4 2 3}$ | 35.25 |

RESULTS: $65 \%$ of respondents indicated they had participated in hiking in the last 12 months, compared to $65 \%$ in 2008.

Question 6D. Bird watching

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 88 | 99 | 67 | 88 | 90 | 101 | 60 | 89 | $\mathbf{6 8 2}$ | 56.83 |
| No | 62 | 51 | 83 | 62 | 60 | 49 | 90 | 61 | $\mathbf{5 1 8}$ | 43.17 |

RESULTS: 57\% of respondents indicated they had participated in bird watching in the last 12 months, compared to $42 \%$ in 2008.

Question 6E. Canoeing

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 42 | 27 | 30 | 33 | 42 | 32 | 41 | 28 | $\mathbf{2 7 5}$ | 22.92 |
| No | 108 | 123 | 120 | 117 | 108 | 118 | 109 | 122 | $\mathbf{9 2 5}$ | 77.08 |

RESULTS: $23 \%$ of respondents indicated they had participated in canoeing in the last 12 months, compared to $19 \%$ in 2008.

Question 6F. Nature photography

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 65 | 78 | 64 | 65 | 82 | 86 | 73 | 86 | $\mathbf{5 9 9}$ | 49.92 |
| No | 85 | 72 | 86 | 85 | 68 | 64 | 77 | 64 | $\mathbf{6 0 1}$ | 50.08 |

RESULTS: 50\% of respondents indicated they had participated in nature photography in the last 12 months, compared to $42 \%$ in 2008.

Question 6G. Trapping

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 8 | 5 | 1 | 0 | 7 | 3 | 3 | 1 | $\mathbf{2 8}$ | 2.33 |
| No | 142 | 145 | 149 | 150 | 143 | 147 | 147 | 149 | $\mathbf{1 1 7 2}$ | 97.67 |

RESULTS: $2 \%$ of respondents indicated they had participated in trapping in the last 12 months, compared to $2 \%$ in 2008.

Question 6H. Berry picking

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n = 1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 91 | 106 | 56 | 69 | 89 | 91 | 46 | 65 | $\mathbf{6 1 3}$ | 51.08 |
| No | 59 | 44 | 94 | 81 | 61 | 59 | 104 | 85 | $\mathbf{5 8 7}$ | 48.92 |

RESULTS: 51\% of respondents indicated they had participated in berry picking in the last 12 months, compared to $22 \%$ in 2008.

Question 6I. Plant collection

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{n}=\mathbf{1 5 0}$ | $\mathbf{1 2 0 0}$ |  |
| Yes | 22 | 36 | 14 | 28 | 24 | 38 | 14 | 16 | $\mathbf{1 9 2}$ | 16.00 |
| No | 128 | 114 | 136 | 122 | 126 | 112 | 136 | 134 | $\mathbf{1 0 0 8}$ | 84.00 |

RESULTS: $16 \%$ of respondents indicated they had participated in plant collection in the last 12 months, compared to $5 \%$ in 2008.

Question 7A. Have you participated in hunting at any time in the past? (If answered NO to 6A, "Have you participated in hunting in the last 12 months?")

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{1 0 5}$ | $\mathbf{n}=\mathbf{1 3 0}$ | $\mathbf{n}=\mathbf{1 3 1}$ | $\mathbf{n}=\mathbf{1 4 4}$ | $\mathbf{n}=\mathbf{1 4 0}$ | $\mathbf{n}=\mathbf{1 4 0}$ | $\mathbf{n}=\mathbf{1 3 5}$ | $\mathbf{n}=\mathbf{1 4 8}$ | $\mathbf{1 0 7 3}$ |  |
| Yes | 69 | 32 | 52 | 29 | 49 | 42 | 62 | 20 | $\mathbf{3 5 5}$ | 33.08 |
| No | 36 | 98 | 79 | 115 | 91 | 98 | 73 | 128 | $\mathbf{7 1 8}$ | 66.92 |

RESULTS: $33 \%$ of respondents indicated they had participated in in hunting in the past, compared to $22 \%$ in 2008.

Question 7B. What are some of the reasons you have not participated in hunting in the past 12 months?

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> \% |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Lack of time | 10 | 6 | 12 | 5 | 14 | 7 | 6 | 5 | $\mathbf{6 5}$ | 15.12 |
| Cost | 0 | 0 | 4 | 1 | 4 | 4 | 2 | 0 | $\mathbf{1 5}$ | 3.49 |
| Reduced harvest <br> opportunities | 3 | 1 | 2 | 0 | 2 | 0 | 0 | 0 | $\mathbf{8}$ | 1.86 |
| Don't know where to go | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | $\mathbf{1}$ | 0.23 |
| Regulations | 13 | 3 | 5 | 1 | 6 | 4 | 6 | 0 | $\mathbf{3 8}$ | 8.84 |
| Lost interest | 22 | 6 | 18 | 12 | 12 | 16 | 25 | 11 | $\mathbf{1 2 2}$ | 28.37 |
| Age (e.g. too old) | 20 | 2 | 11 | 4 | 10 | 9 | 10 | 2 | $\mathbf{6 8}$ | 15.81 |
| Health | 4 | 3 | 2 | 4 | 3 | 3 | 8 | 1 | $\mathbf{2 8}$ | 6.51 |
| Other | 13 | 12 | 11 | 11 | 11 | 10 | 9 | 8 | $\mathbf{8 5}$ | 19.77 |
|  |  |  |  |  |  |  |  |  | $\mathbf{4 3 0}$ |  |

RESULTS: Many respondents provided multiple reasons. Lost interest, Lack of time, and Age were the top three reasons; however, many of the "other" category responses could also have been placed in lost interest and lack of time. Cost, reduced harvest opportunities and not knowing where to go, were not significant factors contributing to why individuals who had hunted in the past had not hunted within the past 12 months.

Question 8A. Have you participated in fishing at any time in the past? (If answered NO to 6B, "Have you participated in fishing in the past 12 months?)

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | $\mathbf{n}=\mathbf{6 5}$ | $\mathbf{n}=\mathbf{9 4}$ | $\mathbf{n}=\mathbf{1 0 1}$ | $\mathbf{n}=\mathbf{1 1 0}$ | $\mathbf{n}=79$ | $\mathbf{n}=\mathbf{1 0 9}$ | $\mathbf{n}=\mathbf{1 0 4}$ | $\mathbf{n}=\mathbf{1 3 6}$ | $\mathbf{7 9 8}$ |  |
| Yes | 55 | 72 | 75 | 77 | 58 | 86 | 81 | 93 | $\mathbf{5 9 7}$ | 74.81 |
| No | 10 | 22 | 26 | 33 | 21 | 23 | 23 | 43 | $\mathbf{2 0 1}$ | 25.19 |

RESULTS: 75\% of respondents indicated they had participated in in fishing in the past, compared to $63 \% \%$ in 2008.

Question 8B. What are some of the reasons you have not participated in fishing in the past 12 months?

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total <br> \% |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Lack of time | 21 | 26 | 25 | 20 | 23 | 21 | 35 | 26 | $\mathbf{1 9 7}$ | 45.81 |
| Cost | 1 | 3 | 5 | 3 | 2 | 2 | 0 | 2 | $\mathbf{1 8}$ | 4.19 |
| Reduced harvest <br> opportunities | 2 | 4 | 4 | 3 | 5 | 8 | 5 | $\mathbf{3 4}$ | 7.91 |  |
| Don't know where to go | 1 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | $\mathbf{8}$ | 1.86 |
| Regulations | 8 | 4 | 4 | 5 | 2 | 2 | 2 | 4 | $\mathbf{3 1}$ | 7.21 |
| Lost interest | 15 | 13 | 28 | 24 | 18 | 26 | 19 | 36 | $\mathbf{1 7 9}$ | 41.63 |
| Age (e.g. too old) | 5 | 10 | 8 | 13 | 5 | 18 | 16 | 8 | $\mathbf{8 3}$ | 19.30 |
| Health | 5 | 7 | 6 | 11 | 4 | 7 | 7 | 7 | $\mathbf{5 4}$ | 12.56 |
| Other | 7 | 23 | 8 | 19 | 12 | 21 | 6 | 15 | $\mathbf{1 1 1}$ | 25.81 |
|  |  |  |  |  |  |  |  |  | $\mathbf{7 1 5}$ |  |

RESULTS: Many respondents provided multiple reasons. Lack of time, Lost interest, and Age were the top three reasons; however, many of the "other" category responses could also have been placed in lost interest and lack of time. Cost and not knowing where to go were not significant factors contributing to why individuals who had fished in the past had not fished within the past 12 months.

## Question 9. Please provide your age range.

|  | Rural <br> North <br> Male | Rural <br> North <br> Female | Urban <br> North <br> Male | Urban <br> North <br> Female | Rural <br> South <br> Male | Rural <br> South <br> Female | Urban <br> South <br> Male | Urban <br> South <br> Female | Total | \% |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{n}=150$ | $\mathbf{n}=150$ | $\mathbf{n}=150$ | $\mathbf{n}=150$ | $\mathbf{n}=150$ | $\mathbf{n}=150$ | $\mathbf{n}=150$ | $\mathbf{n}=150$ |  |  |  |
| $\mathbf{1 8 - 2 5}$ | $\mathbf{1 4}$ | $\mathbf{2 5}$ | $\mathbf{1 6}$ | $\mathbf{2 0}$ | $\mathbf{1 9}$ | $\mathbf{1 5}$ | $\mathbf{3 0}$ | $\mathbf{1 7}$ | $\mathbf{1 5 6}$ | $\mathbf{1 3 . 0 0}$ |
| $\mathbf{2 6 - 3 5}$ | $\mathbf{3 8}$ | $\mathbf{4 0}$ | $\mathbf{2 8}$ | $\mathbf{3 0}$ | $\mathbf{3 2}$ | $\mathbf{2 7}$ | $\mathbf{1 9}$ | $\mathbf{3 8}$ | $\mathbf{2 5 2}$ | $\mathbf{2 1 . 0 0}$ |
| $\mathbf{3 6 - 5 0}$ | $\mathbf{2 9}$ | $\mathbf{3 7}$ | $\mathbf{4 8}$ | $\mathbf{5 1}$ | $\mathbf{5 1}$ | $\mathbf{5 7}$ | $\mathbf{2 8}$ | $\mathbf{4 7}$ | $\mathbf{3 4 8}$ | $\mathbf{2 9 . 0 0}$ |
| $\mathbf{5 1 - 6 4}$ | $\mathbf{5 4}$ | $\mathbf{3 0}$ | $\mathbf{3 5}$ | $\mathbf{2 3}$ | $\mathbf{3 2}$ | $\mathbf{3 9}$ | $\mathbf{5 5}$ | $\mathbf{3 2}$ | $\mathbf{3 0 0}$ | $\mathbf{2 5 . 0 0}$ |
| $\mathbf{6 5 +}$ | $\mathbf{1 5}$ | $\mathbf{1 8}$ | $\mathbf{2 2}$ | $\mathbf{2 6}$ | $\mathbf{1 4}$ | $\mathbf{1 2}$ | $\mathbf{1 7}$ | $\mathbf{1 6}$ | $\mathbf{1 4 0}$ | $\mathbf{1 1 . 6 7}$ |
| Did not answer | $\mathbf{0}$ | $\mathbf{0}$ | $\mathbf{1}$ | $\mathbf{0}$ | $\mathbf{2}$ | $\mathbf{0}$ | $\mathbf{1}$ | $\mathbf{0}$ | $\mathbf{4}$ | $\mathbf{0 . 3 3}$ |

## DISCUSSION

The recognition rate of ACA is both a good and bad news story. Unaided recognition is still low and has not changed since 2008; however, aided recognition has increased from $43 \%$ to $56 \%$ in the same timeframe. When looking at the results of Question 1 only one conservation group had an unaided recognition rate over $10 \%$ (DUC at 28\%) and only three had recognition of $5 \%$ or higher. The fact that $51 \%$ of respondents could not name a single active conservation group is a concern for conservation overall.

Catch and release fishing and catch and keep fishing both maintained a high level of support amongst respondents, with catch and keep fishing seeing a significant increase in acceptance between 2008 and 2014. Trapping, gamebird hunting and big game hunting also showed a statistically significant positive trend in support, with big game hunting seeing the biggest increase compared to 2008.

The results from the trapping, fishing and hunting support questions reflect the shifting social values associated with harvest of fish and wildlife and the desire for many people to participate in these activities. Clearly there is a positive trend that ACA should be able to take advantage of to promote our various hunting, fishing and trapping related activities.

Question 6A and 6B again show a positive trend in participation rates in fishing and hunting; however, the participation rates are much greater than would be expected based on license sales. While there is a possibility that some of these individuals are admitting to illegally participating in hunting and fishing, it is more likely that people are counting themselves as "participating" simply by being involved as opposed to actually hunting or fishing. For instance, a mother my take her children fishing at a stocked pond and although she does not fish she may consider herself "participating" in fishing as an activity. This self-association with hunting and fishing is a very positive thing which indicates that people do not have to be fully engaged in the activity to feel they are part of the activity and by extension will have concerns over negative impacts to the activity.

Question 7A shows the on-going trend of a large number of hunters leaving the activity, most blaming a lack of time and/or loss of interest (Question 7B). This result provides an excellent incentive for hunting organizations to determine how and where we can provide new hunting opportunities (to increase interest) and reduce the time required (locations closer to urban centres). There is a similar trend for fishing shown in Question 8A, with 75\% of respondents that say they have not fished in the past 12 months having fished in the past. In the case of fishing many more of the "fished in the past" responses may relate to fishing at some time in their childhood, which provides an opportunity for groups such as ACA to cease upon those memories and promote a return to fishing. As with hunting, lack of time/lost interest ranks as the top reasons why people do not fish anymore. This is where increasing stocking of urban ponds could bring a large number of people back to fishing.

Overall the results are fairly positive, with improving trends in aided recognition of ACA, and support for hunting, fishing and trapping. A large number of respondents still do not participate in hunting, fishing or trapping; but there appears to be opportunities to increase participation rates with targeted programs.

