

# ***2010-11 Furbearer Harvest Survey***

## PERFORMANCE REPORT STATEWIDE WILDLIFE RESEARCH AND SURVEYS

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### **Kansas Department of Wildlife and Parks**

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## **2010-11 Furbearer Harvest Survey**

**Prepared by Matt Peek, Furbearer Biologist**

The Furbearer Harvest Survey (FHS) is mailed to furharvesters at the end of the trapping season. Since 2001, 70% of the furharvester license holders from each of nine physiographic provinces in Kansas have been surveyed. Recipient names are randomly selected from an online database of all furharvester license buyers.

Survey questions are divided into 5 sections: general information, trapping activities, hunting activities, running activities, and a special section. Questions were the same from 1983-2008. However, in 2009, a change in question structure in the trapping section was made in an attempt to collect more accurate catch-per-unit-effort data (see questions 8-11 in Appendix 3).

Also beginning in 2009, the Kansas Department of Wildlife and Parks (KDWP) began using SurveyMonkey™ to facilitate web-based surveys. Online surveys are cheaper and more efficient than paper. They save on paper, printing, postage, and data entry fees, plus they reduce human error associated with bulk data entry. However, online surveys are not convenient for everyone, and more research is needed before an entirely online survey design is considered. Consequently, our survey design includes both online and paper options in an attempt to maximize response rate and minimize non-response bias. We also offered a grand prize drawing and 10 KDWP magazine subscriptions to respondents as an incentive for completing the survey in a timely manner (see Appendices 2 and 3). Drawing winners are provided in Appendix 1.

There were a total of 5766 furharvester licenses sold in 2010, including 5585 resident licenses, 135 junior residents, and 46 nonresidents. From these, a sample of 4039 license holders (70%) was selected. The online database contained e-mails for 991 of these individuals. An initial e-mail was sent to these individuals on April 4, 2011 containing a request for participation and a link to the survey. A reminder e-mail was sent out on April 11, 2011.

An initial mailing consisting of a 4.25"x5.5" folded (4-sided) postcard (Appendix 2) was sent out on April 19, 2011 to the licensees without a deliverable e-mail on file (3002) and to the nonrespondents of our e-mail request (616). The postcard directed recipients online to the survey link, but could also be returned postage paid to either request a paper survey or report no furharvesting activity during the 2010-11 season – which completed these individuals' response to the survey. A second postcard mailing was sent out on May 18, 2011 to 3174 nonrespondents, and paper surveys (Appendix 3) were mailed out as survey requests were received via postcard. A summary of the survey effort including response rates can be found in Table 1. The number of responses and the response rate of furharvesters within each physiographic province can be found in Figure 1.

E-mailing a survey request and a direct link to the survey proved to be an efficient and economic way to conduct the survey. There is minimal expense in this technique, plus the response rate was higher than by paper. The main issue with this technique is that most license holders do not have an e-mail associated with their contact information. Consequently, e-mail addresses were requested (for future surveys and to notify participants of results) in the online survey to which post card recipients were directed (183 new e-mails were received). It will still be necessary to offer paper surveys until questions about the biases between furharvesters with and without e-

mails can be answered, but the e-mail option represents an efficient alternative to be used in conjunction to paper for now.

Information provided by furharvesters is an estimate of their harvest and activities during the season. Results from bobcat and swift fox pelt tagging have always been lower than the harvest estimates derived from the FHS, suggesting an overestimate by the FHS. Consequently, harvest figures obtained from this survey should be considered representative of annual harvest indices rather than parameters.

Survey results were extrapolated to represent total harvest and activity. Eighty-two percent of respondents indicated they participated in furharvesting activities during the 2010-11 season (i.e. were active). This is up from just 59% last season. Estimated furharvester distribution based on the county in which they conducted most of their furharvesting activities can be found in Figure 2.

Furharvesters spent an estimated 218,193 user days in pursuit of furbearers, including 114,371 days trapping, 75,050 days hunting, and 28,772 days running. These figures represent an 82% increase in combined user days from the previous season. Average days afield by trappers increased from 31 to 39 days. Hunter days afield increased from 15 to 20 days, and runner days afield increased from 39 to 41. Participation in various combinations of furharvesting activities is presented in Table 2.

Harvest, participation, and activity levels for trapping, hunting and running are presented in Tables 3-5, respectively. As is typically the case, trappers accounted for the majority of harvest of most furbearer species. Though far more coyotes are taken by hunters than trappers, most hunters who take coyotes by hunting do not have a furharvesting license, so take by these individuals isn't represented in this survey.

Historical furbearer harvest in Kansas based on the Furbearer Harvest Survey can be found in Table 6. For most species, harvest not only surpassed last season's depressed take, but also surged above five year averages. At nearly 150% over the 5-year harvest average, the increase by muskrat was most impressive.

Table 1. Sample size and response rate of survey methods used to conduct the Furbearer Harvest Survey.

|          | Number            | Non-deliverables | Response Rate    |                   |
|----------|-------------------|------------------|------------------|-------------------|
|          |                   |                  | Number           | Percent           |
| E-mail   | 991               | 10               | 456              | 46.5              |
| Postcard | 3618 <sup>a</sup> | 56               | 741 <sup>b</sup> | 20.5 <sup>c</sup> |
| Total    | 4039              | 56               | 1197             | 30.1              |

<sup>a</sup>Postcards were sent to those without e-mails (3138 including 82 e-mail non-deliverables) and e-mail nonrespondents (658).

<sup>b</sup>Included 334 online responses, 156 paper surveys (of 195 requests – 80%), and 251 “did not furharvest” responses by postcard.

<sup>c</sup>Response rate excluding 616 e-mail non-respondents was 24.7% (741 of 3002).

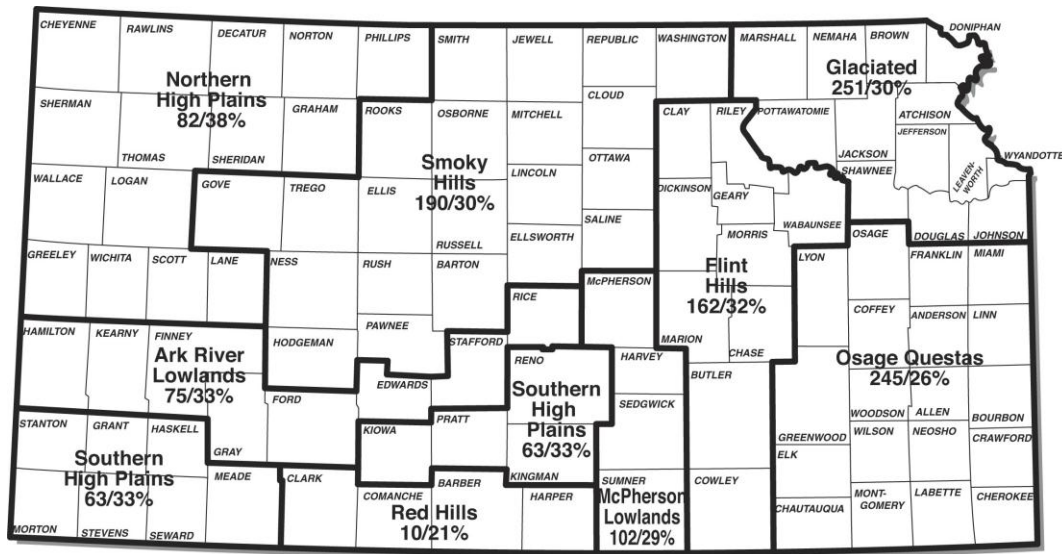


Figure 1. The number of survey respondents (number) and the response rate of furharvesters (percent) within each physiographic province in Kansas.

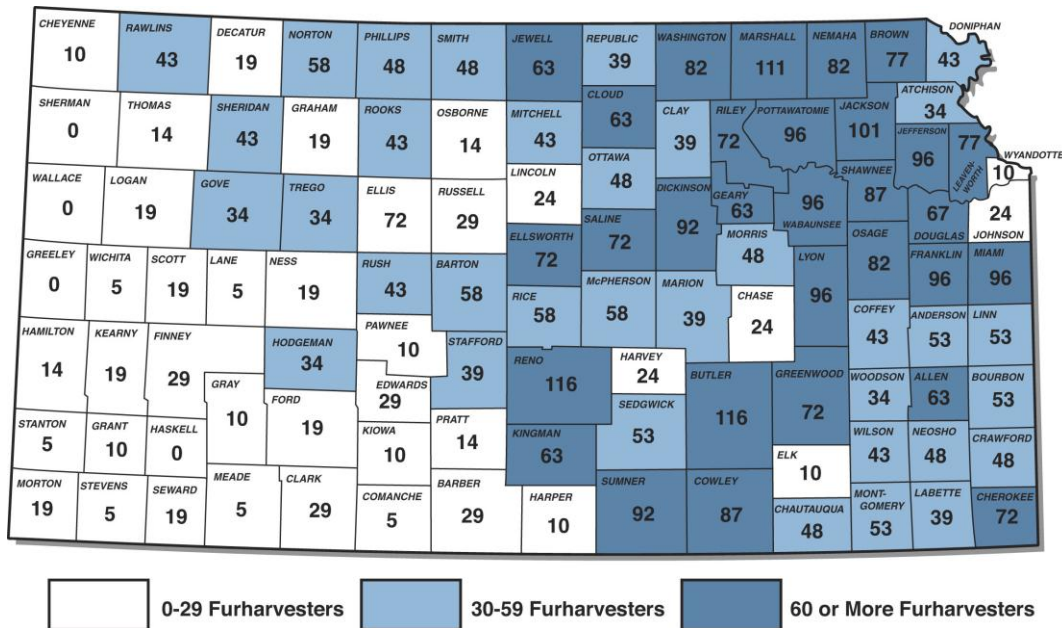


Figure 2. Estimated furharvester distribution in Kansas based on the county in which active survey respondents conducted most of their furharvesting activities.

Table 2. Harvest, participation, and activity levels for trappers in Kansas during the 2010-11 harvest season.

| Species   | Number of Trappers Who Pursued (n) | Estimated Harvest | Total Days Traps Set | Ave Traps/Day | Captures/100 Trap Days | Maximum Harvest | Ave Harvest/Trapper |
|-----------|------------------------------------|-------------------|----------------------|---------------|------------------------|-----------------|---------------------|
| Badger    | 159                                | 1,508             | 3,721                | 13.3          | 7.3                    | 30              | 2.0                 |
| Beaver    | 251                                | 9,774             | 4,916                | 5.9           | 12.9                   | 96              | 8.1                 |
| Bobcat    | 377                                | 6,927             | 12,865               | 14.1          | 1.9                    | 50              | 3.8                 |
| Coyote    | 408                                | 19,735            | 13,865               | 13.6          | 5.1                    | 165             | 10.0                |
| Red Fox   | 69                                 | 853               | 1,200                | 9.0           | 2.9                    | 19              | 2.6                 |
| Gray Fox  | 9                                  | 24                | 435                  | 6.6           | 0.1                    | 2               | 0.6                 |
| Swift Fox | 8                                  | 92                | 354                  | 7.4           | 1.5                    | 5               | 2.4                 |
| Mink      | 56                                 | 371               | 1,140                | 8.7           | 1.2                    | 26              | 1.4                 |
| Muskrat   | 159                                | 15,193            | 2,409                | 8.8           | 17.9                   | 351             | 19.8                |
| Opossum   | 465                                | 45,107            | 13,345               | 14.7          | 7.9                    | 400             | 20.1                |
| Raccoon   | 538                                | 73,744            | 19,277               | 17.8          | 13.9                   | 425             | 28.5                |
| Skunk     | 326                                | 11,754            | 9,901                | 15.8          | 3.4                    | 119             | 7.5                 |
| Weasel    | 2                                  | 5                 | 64                   | 10.7          | 3.6                    | 1               | 0.5                 |

Table 3. Harvest, participation, and activity levels for hunters in Kansas during the 2010-11 harvest season.

| Species   | Number of Hunters Who Pursued (n) | Estimated Harvest | Harvest/100 Days | Maximum Harvest | Ave Harvest/Hunter |
|-----------|-----------------------------------|-------------------|------------------|-----------------|--------------------|
| Badger    | 67                                | 390               | 49.7             | 6               | 1.2                |
| Bobcat    | 345                               | 1,171             | 10.0             | 15              | 0.7                |
| Coyote    | 645                               | 35,049            | 45.9             | 150             | 6.3                |
| Red Fox   | 51                                | 135               | 6.8              | 12              | 0.6                |
| Gray Fox  | 25                                | 19                | 0.1              | 2               | 0.2                |
| Swift Fox | 23                                | 34                | 5.3              | 2               | 0.3                |
| Opossum   | 114                               | 3,189             | 84.0             | 50              | 5.8                |
| Raccoon   | 331                               | 24,090            | 93.4             | 225             | 15.1               |
| Skunk     | 47                                | 992               | 63.7             | 50              | 4.4                |

Table 4. Treeing success, participation, and activity levels for furharvesters in Kansas during the 2010-11 running season.

| Species  | Number of Runners Who Pursued (n) | Estimated Take* | Take/100 Days* | Maximum Take* | Ave Take/Runner* |
|----------|-----------------------------------|-----------------|----------------|---------------|------------------|
| Bobcat   | 20                                | 231             | 25.0           | 10            | 2.4              |
| Red Fox  | 1                                 | 19              | 6.7            | 4             | 4.0              |
| Gray Fox | 2                                 | 29              | 4.9            | 6             | 3.0              |
| Opossum  | 41                                | 857             | 38.7           | 20            | 4.3              |
| Raccoon  | 140                               | 25,463          | 102.9          | 350           | 37.8             |

\*Take refers to the number of animals "seen or treed" while running.

Table 5. Historical harvest of furbearers in Kansas based on furbearer harvest survey.

| Seasons    | Badger | Beaver | Bobcat Tagging * | Bobcat | Coyote | Gray Fox | Red Fox | Swift Fox Tagging * | Swift Fox | Mink  | Muskrat | Opossum | Raccoon | Striped Skunk | Weasel |
|------------|--------|--------|------------------|--------|--------|----------|---------|---------------------|-----------|-------|---------|---------|---------|---------------|--------|
| 1969-70    | 311    | 8583   |                  | 373    | 9758   | 81       | 193     |                     |           | 2189  | 43773   | 10452   | 63004   | 2466          | 28     |
| 1972-73    | 305    | 5178   |                  | 458    | 13385  | 102      | 508     |                     |           | 1508  | 27828   | 11421   | 46101   | 3174          |        |
| 1975-76    | 1202   | 6484   |                  | 1454   | 30150  | 539      | 638     |                     |           | 1875  | 51083   | 45994   | 102760  | 8703          |        |
| 1976-77    |        |        |                  |        |        |          |         |                     |           |       |         |         |         |               |        |
| 1977-78    | 4054   | 5826   |                  | 1705   | 35138  | 141      | 703     |                     |           | 1764  | 38167   | 45625   | 74731   | 9824          |        |
| 1978-79    | 4530   | 5315   | 825              | 1705   | 50195  | 193      | 533     |                     |           | 2192  | 36639   | 51156   | 101450  | 15184         |        |
| 1979-80    | 5882   | 19140  | 1050             | 1955   | 51380  | 245      | 888     |                     |           | 3378  | 75962   | 56937   | 133311  | 23297         |        |
| 1980-81    | 2501   | 14939  | 1027             | 1966   | 35238  | 274      | 645     |                     |           | 3304  | 59063   | 49741   | 94754   | 16495         |        |
| 1981-82    | 2673   | 5440   | 882              | 1730   | 32310  | 171      | 672     |                     |           | 2342  | 30703   | 59916   | 93823   | 15917         |        |
| 1982-83    | 3708   | 7653   | 1014             | 1686   | 36526  | 247      | 795     |                     | 1000      | 3583  | 49528   | 58138   | 87425   | 11453         |        |
| 1983-84    | 1754   | 8908   | 1334             | 2471   | 31466  | 93       | 1193    |                     | 740       | 1600  | 21791   | 19347   | 67042   | 4985          |        |
| 1984-85    | 1774   | 11814  | 1869             | 3212   | 33066  | 122      | 876     |                     | 426       | 1937  | 24863   | 31142   | 108694  | 6806          |        |
| 1985-86    | 1348   | 15543  | 1916             | 2837   | 34418  | 117      | 487     |                     | 314       | 1507  | 15241   | 30955   | 96708   | 6909          |        |
| 1986-87    | 3009   | 14732  | 2720             | 4522   | 40999  | 107      | 961     |                     | 1161      | 2571  | 25561   | 59190   | 119488  | 10460         | 21     |
| 1987-88    | 2402   | 12474  | 3192             | 4805   | 41460  | 123      | 1113    |                     | 650       | 2619  | 33814   | 54714   | 118878  | 8847          | 23     |
| 1988-89    | 1417   | 13989  | 2878             | 4492   | 25387  | 235      | 672     |                     | 442       | 1545  | 22822   | 24117   | 72028   | 4233          | 5      |
| 1989-90    | 476    | 9607   | 1560             | 2482   | 15314  | 30       | 462     |                     | 264       | 630   | 7114    | 9775    | 38274   | 2043          | 4      |
| 1990-91    | 442    | 5214   | 1409             | 1694   | 11968  | 34       | 242     |                     | 76        | 423   | 4083    | 5493    | 27137   | 1258          | 0      |
| 1991-92    | 571    | 5429   | 2043             | 2453   | 15941  | 77       | 509     |                     | 93        | 713   | 3043    | 12427   | 43977   | 3576          | 0      |
| 1992-93    | 687    | 3044   | 1618             | 2307   | 16076  | 59       | 328     |                     | 64        | 252   | 2115    | 8101    | 33710   | 3125          | 2      |
| 1993-94    | 649    | 5288   | 2413             | 2900   | 16595  | 55       | 731     |                     | 73        | 368   | 2571    | 12727   | 48203   | 2610          | 146    |
| 1994-95    | 781    | 12123  | 3590             | 5352   | 17022  | 204      | 1003    | 48                  | 34        | 746   | 6215    | 19692   | 64951   | 4131          | 9      |
| 1995-96    | 522    | 8089   | 3020             | 3932   | 14009  | 99       | 753     | 33                  | 45        | 291   | 3598    | 16120   | 58600   | 2877          | 2      |
| 1996-97    | 874    | 10653  | 4296             | 7041   | 19794  | 179      | 1232    | 33                  | 144       | 473   | 5451    | 29980   | 93190   | 8065          | 40     |
| 1997-98    | 876    | 13337  | 3347             | 6233   | 14398  | 71       | 823     | 17                  | 25        | 718   | 9679    | 49437   | 108727  | 9323          | 101    |
| 1998-99    | 958    | 8606   | 2385             | 3938   | 12125  | 152      | 490     | 7                   | 15        | 419   | 7445    | 26512   | 71709   | 6375          | 107    |
| 1999-00    | 451    | 8845   | 2121             | 3578   | 11920  | 191      | 455     | 5                   | 0         | 257   | 7252    | 13051   | 51307   | 3887          | 11     |
| 2000-01    | 1094   | 9388   | 2731             | 4018   | 15054  | 97       | 559     | 6                   | 24        | 164   | 3964    | 14294   | 56143   | 5460          | 0      |
| 2001-02    | 434    | 9617   | 3597             | 5286   | 15329  | 35       | 584     | 32                  | 0         | 180   | 3348    | 17080   | 72918   | 5559          | 0      |
| 2002-03    | 910    | 7716   | 5054             | 6521   | 18577  | 62       | 578     | 86                  | 203       | 246   | 4596    | 32595   | 79538   | 10255         | 0      |
| 2003-04    | 1760   | 7250   | 5963             | 9654   | 25407  | 64       | 625     | 178                 | 470       | 303   | 2823    | 42125   | 94506   | 10952         | 40     |
| 2004-05    | 1469   | 7737   | 5353             | 7062   | 23322  | 140      | 783     | 86                  | 129       | 230   | 4845    | 43356   | 84132   | 10910         | 0      |
| 2005-06    | 1312   | 7186   | 6021             | 7458   | 21861  | 89       | 459     | 58                  | 135       | 206   | 5733    | 38909   | 66458   | 12730         | 3      |
| 2006-07    | 1882   | 11028  | 7234             | 9998   | 32494  | 179      | 774     | 70                  | 309       | 439   | 8150    | 46965   | 87241   | 15583         | 0      |
| 2007-08    | 2020   | 6658   | 5668             | 9381   | 29305  | 84       | 976     | 65                  | 136       | 209   | 5120    | 51138   | 93687   | 17669         | 4      |
| 2008-09    | 1619   | 6855   | 4080             | 5944   | 27100  | 84       | 707     | 98                  | 27        | 177   | 5767    | 46113   | 85061   | 16748         | 0      |
| 2009-10    | 1109   | 4572   | 1944             | 3210   | 21554  | 67       | 426     | 39                  | 130       | 179   | 5681    | 18763   | 41355   | 7384          | 0      |
| 2010-11    | 1898   | 9774   | 4809             | 8098   | 39152  | 43       | 988     | 42                  | 126       | 371   | 15193   | 48296   | 97858   | 12755         | 5      |
| 5 yr trend | 19.5%  | 34.6%  | -3.6%            | 12.5%  | 48.0%  | -57.3%   | 47.8%   | -36.4%              | -14.5%    | 53.3% | 149.5%  | 19.6%   | 30.9%   | -9.0%         | 257.1% |

## Special Section

The “Special Section” of the Furbearer Harvest Survey changes annually and is used to collect information and opinions from furharvesters on a diversity of topics that relate to furharvesting or furbearers. Past surveys have addressed subjects such as wildlife diseases, trap ownership and use, and regulatory preferences. Last year, furharvesting related comments were collected for regulatory consideration and compiled so that the most frequently mentioned issues could be addressed. This year, support for six regulatory changes being considered by the Department was assessed. The results are provided in Table 6 below. In addition to questions of support, respondents were asked whether or not they used certain traps types in question from Table 6. The results of these questions can be found in Table 7 below.

Most of the regulatory changes being considered were fairly heavily supported by respondents. Though support was lighter for the trap restrictions, few individuals indicated that actually use the larger foothold traps (on dry land) or serrated –jaw traps in question. Partly as a result of these survey findings, in June the Department Commission adopted all six of the changes being considered.

Table 6. Level of support or opposition by furharvesters for changes being considered to furharvesting regulations.

|  | (n) | % of furharvesters |        |         |         | Strongly Support |
|--|-----|--------------------|--------|---------|---------|------------------|
|  |     | Strongly Oppose    | Oppose | Neutral | Support |                  |
| 1. Allow .17 caliber rimfire to be used to take trapped or treed furbearers with the aid of light: | 872 | 6.4                | 5.4    | 17.8    | 34.1    | 36.4             |
| 2. Allow traps to be tagged with KDWP #:   | 868 | 8.4                | 4.8    | 21.3    | 27.9    | 37.6             |
| 3. Limit size of foothold traps used on land to 6 5/8 inches (approximately size #4) or smaller:   | 865 | 12.4               | 12.0   | 34.1    | 25.0    | 16.5             |
| 4. Prohibit use of toothed or serrated-jaw traps:  | 793 | 10.1               | 7.2    | 30.5    | 23.3    | 28.9             |
| 5. Allow a limited river otter harvest:  | 870 | 3.8                | 3.8    | 30.5    | 36.7    | 25.3             |
| 6. Redefine "water set" so trap must be half submerged:  | 866 | 11.2               | 12.6   | 31.5    | 27.9    | 16.7             |

Table 7. Use of certain trap designs by Kansas furharvesters

|   | (n) | % of furharvesters |      |          |
|---|-----|--------------------|------|----------|
|   |     | Yes                | No   | Not Sure |
| Do you use foothold traps larger than size #4 in land sets in Kansas? | 865 | 3.1                | 93.5 | 3.1      |
| Do you use any toothed or serrated-jaw traps in Kansas?               | 860 | 1.4                | 96.9 | 1.7      |



Appendix 1.

2010-11 Furbearer Harvest Survey  
Drawing Contest Winners

### Contest Winners

| NAME            | CITY         | STATE |                                  |
|-----------------|--------------|-------|----------------------------------|
| SETH THOMPSON   | BOGUE        | KS    | grand prize winner – 2 Sterlings |
| RONALD GREGG    | RUSSELL      | KS    | magazine subscription winner     |
| JAY OHLEMEIER   | HAYS         | KS    | magazine subscription winner     |
| DOUG COLEMAN    | MANHATTAN    | KS    | magazine subscription winner     |
| SCOTT HORINEK   | PHILLIPSBURG | KS    | magazine subscription winner     |
| BRIAN SERPAN    | TIMKEN       | KS    | magazine subscription winner     |
| DANIEL WILBER   | BELLEVILLE   | KS    | magazine subscription winner     |
| HOWARD SUMNER   | NORCATUR     | KS    | magazine subscription winner     |
| SHANE SELL      | ALMENA       | KS    | magazine subscription winner     |
| DENNIS PETERSON | LEBANON      | KS    | magazine subscription winner     |
| KEITH HEALD     | LACYGNE      | KS    | magazine subscription winner     |

Appendix 2.

Postcard Request for Participation in the  
2010-11 Furbearer Harvest Survey  
(excludes outgoing and return address portions)

Dear Furharvester:

You have been selected to participate in the 2010-11 Kansas Furbearer Harvest Survey. In addition to your harvest activities, we would like your opinion on several proposed furbearer regulation changes. Your answers are confidential. To complete the survey, please log on to <http://survey/kansas.org> and enter the ID number printed above your name on the other side of this postcard.

If you do not have internet access, or if you did not participate in any furharvesting activities during the 2010-11 season, please check the appropriate box below, fold this postage-paid card to show our address, tape or staple, and drop it in the mail.

- Please send me a paper survey by mail.
- I did not hunt or trap furbearers during the 2010-11 season, or run furbearers in 2010.

If you have trouble logging onto the survey site, contact us at 620-672-0797. **The survey must be completed before May 31, 2011 to be entered into the drawing.**

Research and Survey Section  
Kansas Department of Wildlife and Parks

By completing this survey by May 31, your name will be entered into a prize drawing. The grand prize winner will win choice of the three items shown below. An additional 10 respondents will receive a one-year subscription to the KDWP magazine. If the winners already receive the magazine, they will be able to extend their subscription by one year or give the magazine to someone else as a gift.

All Call predator decoy

Nite Lite coon hunters vest

2 Sterling MJ600 traps



We are offering this drawing as an incentive to increase the response rate to our survey. This survey is used to guide furbearer management decisions in Kansas. Your participation is important to us, and we thank you in advance.

Appendix 3.

2010-11 Paper Version of the  
Furbearer Harvest Survey

## 2010-11 Furbearer Harvest Survey

Dear Kansas Furharvester:

You have been selected to participate in the Kansas Furbearer Harvest Survey. Your name was randomly chosen from the list of furharvesters who purchased a license in 2010. This survey provides our best estimate of furharvester activity, and is used to guide furbearer management decisions in Kansas.

By completing the survey by May 31, your name will be entered into a prize drawing. The grand prize winner will win choice of the three items shown below. An additional 10 respondents will receive a one-year subscription to the KDWP magazine. If the winners already receive the magazine, they will be able to extend their subscription by one year or give the magazine to someone else as a gift. Thank you for your participation in this important survey.

All Call predator  
decoy



Nite Lite coon  
hunters vest



2 Sterling MJ600  
traps




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1. Did you hunt or trap furbearers during the 2010-11 season, or did you pursue furbearers with dogs during the running season in 2010?

Yes       No (If no, skip to question 20.)

2. In which county did you do most of your furharvesting in 2010-11? \_\_\_\_\_

3. Did you TRAP for furbearers in Kansas during the 2010-11 season?

Yes       No (If no, skip to question 12.)

4. How many of each did you harvest by TRAPPING in Kansas during the 2010-11 season? (Enter "0" if none were harvested.)

|               |                  |                |                      |
|---------------|------------------|----------------|----------------------|
| Badger: _____ | Gray Fox: _____  | Beaver: _____  | Opossum: _____       |
| Bobcat: _____ | Red Fox: _____   | Muskrat: _____ | Raccoon: _____       |
| Coyote: _____ | Swift Fox: _____ | Mink: _____    | Striped Skunk: _____ |
|               |                  |                | Weasel: _____        |

5. How many total calendar days did you TRAP furbearers or coyotes in Kansas during the 2010-11 season? *The trapping season was 91 days (Nov 17-Feb 15) for all furbearers except beaver, which was 135 days (Nov 17-Mar 31).*

Total days: \_\_\_\_\_

6. How many calendar DAYS did you trap for each species? (Enter "0" if none.) *Count any day you had sets out that were intended or likely to catch that species. For example, if you caught opossums in your raccoon sets, record your raccoon trapping days for opossum also.*

|                    |                           |
|--------------------|---------------------------|
| Badger: _____ days | Opossum: _____ days       |
| Bobcat: _____ days | Raccoon: _____ days       |
| Coyote: _____ days | Striped Skunk: _____ days |

7. During the time you trapped each species, how many TRAPS did you have set per day on average? *Count any trap that was intended or likely to catch that species. For example, if you caught opossums in your raccoon sets, record your raccoon trap numbers for opossum also.*

|                     |                            |
|---------------------|----------------------------|
| Badger: _____ traps | Opossum: _____ traps       |
| Bobcat: _____ traps | Raccoon: _____ traps       |
| Coyote: _____ traps | Striped Skunk: _____ traps |

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8. Did you set traps specifically for BEAVER?

Yes       No (If no, skip to question 9.)

a. How many DAYS did you trap for BEAVER? \_\_\_\_\_ days

b. During this time, how many BEAVER TRAPS did you have set per day on average? \_\_\_\_\_ traps

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9. Did you set traps specifically for RED FOX, GRAY FOX, or SWIFT FOX?

Yes       No (If no, skip to question 10.)

a. How many DAYS did you trap for each FOX species? (Enter "0" if none.) *Count any day you had sets out that were intended or likely to catch that species.*

|                       |
|-----------------------|
| Red fox: _____ days   |
| Gray fox: _____ days  |
| Swift fox: _____ days |

b. During the time you trapped each species, how many TRAPS did you have set per day on average? *Count any trap that was intended or likely to catch that species.*

|                        |
|------------------------|
| Red fox: _____ traps   |
| Gray fox: _____ traps  |
| Swift fox: _____ traps |

10. Did you set traps specifically for MUSKRAT or MINK?

Yes  No (If no, skip to question 11.)

a. How many DAYS did you trap for MUSKRAT or MINK? (Enter "0" if none.) *Count any day you had sets out that were intended or likely to catch that species.*

Muskrat: \_\_\_\_\_ days

Mink: \_\_\_\_\_ days

b. During the time you trapped MUSKRAT or MINK, how many TRAPS did you have set per day on average? *Count any trap that was intended or likely to catch that species.*

Muskrat: \_\_\_\_\_ traps

Mink: \_\_\_\_\_ traps

11. Did you set traps specifically for WEASEL?

Yes  No (If no, skip to question 12.)

a. How many DAYS did you trap for WEASEL? \_\_\_\_\_ days

b. During this time, how many WEASEL TRAPS did you have set per day on average? \_\_\_\_\_ traps

12. Did you HUNT for furbearers or coyotes in Kansas during the 2010-11 season?

Yes  No (If no, skip to question 16.)

13. How many of each did you harvest by HUNTING in Kansas during the 2010-11 season? (Enter "0" if none were harvested.)

Badger: \_\_\_\_\_ Gray Fox: \_\_\_\_\_ Opossum: \_\_\_\_\_

Bobcat: \_\_\_\_\_ Red Fox: \_\_\_\_\_ Raccoon: \_\_\_\_\_

Coyote: \_\_\_\_\_ Swift Fox: \_\_\_\_\_ Striped Skunk: \_\_\_\_\_

14. How many total calendar days did you HUNT furbearers or coyotes in Kansas during the 2010-11 season? *The furbearer hunting season was 91 days (Nov 17-Feb 15).*

Total days: \_\_\_\_\_

15. How many calendar DAYS did you HUNT for each species? (Enter "0" if none.)

Badger: \_\_\_\_\_ days Gray Fox: \_\_\_\_\_ days Opossum: \_\_\_\_\_ days

Bobcat: \_\_\_\_\_ days Red Fox: \_\_\_\_\_ days Raccoon: \_\_\_\_\_ days

Coyote: \_\_\_\_\_ days Swift Fox: \_\_\_\_\_ days Striped Skunk: \_\_\_\_\_ days

16. Did you RUN furbearers in Kansas during the 2010 running season (Mar1-Nov1, 2010)?

Yes  No (If no, skip to question 20.)

17. How many of each did you "tree" during the 2010 running season in Kansas? (Enter "0" if none were treed.)

Bobcat: \_\_\_\_\_ Red Fox: \_\_\_\_\_ Raccoon: \_\_\_\_\_

Gray Fox: \_\_\_\_\_ Opossum: \_\_\_\_\_

18. How many total calendar days did you RUN furbearers in Kansas during the 2010 season? *The furbearer running season was 246 days (Mar1-Nov1).*

Total days: \_\_\_\_\_

19. How many calendar DAYS did you RUN each species? (Enter "0" if none.)

Bobcat: \_\_\_\_\_ days Red Fox: \_\_\_\_\_ days Raccoon: \_\_\_\_\_ days

Gray Fox: \_\_\_\_\_ days Opossum: \_\_\_\_\_ days

KDWP is currently considering five regulatory changes. We would like to know how strongly you support or oppose these possible changes.

20. Currently only .22 caliber rimfires may be used to take trapped or treed furbearers or coyotes with the aid of a light. We would like to also allow the .17 caliber rimfire (HMR) to be used under these circumstances. How strongly do you support or oppose this proposal?

strongly oppose   oppose   neutral   support   strongly support  
           

21. Traps must currently be identified with the user's name and address. We would like to allow trappers to use their KDWP number as an alternative, so traps could be tagged with user's name and address OR their KDWP number. This would allow trappers to protect their identity from the general public. How strongly do you support or oppose this proposal?

strongly oppose   oppose   neutral   support   strongly support  
           

22. Any size of foothold trap may currently be used in Kansas, and there are no limitations on jaw type, such that toothed or serrated-jaw traps may be used. With excessively large traps and toothed traps, we have concerns about public perception and injury risk to both target and nontarget wildlife. Therefore, we would like to limit the size of foothold traps USED IN LAND SETS to size #4 and smaller (a maximum jaw spread of approximately 6 5/8 inches at the dog), and we would like to prohibit the use of toothed or serrated-jawed traps.

a. Do you use any foothold traps larger than a size #4 IN LAND SETS in Kansas?

Yes       No       Not sure

b. Do you use any toothed or serrated-jaw traps in Kansas?

Yes       No       Not sure

How strongly do you support or oppose the following proposals?

- |  | strongly oppose       | oppose                | neutral               | support               | strongly support      |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| c. Limit size of foothold traps in land sets     | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Prohibit use of toothed or serrated-jaw traps | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

23. River otters have been expanding in distribution and abundance in Kansas for almost 30 years. We would like to allow a limited harvest of river otters by trapping. This is in response to requests to allow harvest for damage and recreation, and can be done without jeopardizing river otter populations. Do you support or oppose this proposal?

strongly oppose      oppose      neutral      support      strongly support

24. "Water set" is currently defined as "any trapping device that has the gripping portion placed or set in flowing or pooled water and remains in contact with flowing or pooled water." We would like to alter this definition to say the gripping portion "must be half submerged." This would require a size 280 or 330 bodygripping (conibear) trap to be submerged up to the rivets upon which the jaws rotate. The purpose of this change is to reduce the use of large bodygripping traps in shallow water sets in which terrestrial animals, including dogs, are susceptible to capture. Do you support or oppose this proposal?

strongly oppose      oppose      neutral      support      strongly support

25. If you have an e-mail address and would prefer to receive a direct link to surveys such as this in the future, should your name be selected, please include it here:

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26. If you have any comments or suggestions on furbearer management in Kansas, please provide them here or on the back of this page:

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The results of this survey will be posted on the KDWP website once the report has been completed. Last year's Furbearer Harvest Survey report and several other furbearer-related reports are currently posted on the site. From the "Furharvesting" page, just click on the "Furbearer Reports" link. Thank you for your time.