

*SMALL GAME HUNTER ACTIVITY SURVEY - 2011*  
STATEWIDE WILDLIFE RESEARCH AND SURVEYS

**Performance Report**  
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## SMALL GAME HUNTER ACTIVITY SURVEY - 2011

Objective: Estimate statewide hunter activity and harvest parameters for Kansas' major small game species.

Procedure: A random sample of 14,904 (10% of all license types that allowed small game hunting) Kansas resident and 6,727 non-resident 2011 hunting, combination, and lifetime license holders was selected from all Kansas counties using the electronic Kansas Outdoors Automated Licensing System (KOALS). The following are not required to have a hunting license: 1) owners of land or tenants of land leased for agriculture, and immediate family members living with resident landowners and resident or non-resident tenants, while hunting on this land, 2) residents 15 and younger or 65 and older. These exemptions were not included in the sampling effort for this survey. Each licensed individual was notified by postcard in February 2012 of their selection for the survey and asked to complete an on-line questionnaire of their hunting activity for the 2011-2012 seasons. After comparing paper responses and electronic responses for 2010 data, and seeing no differences, the 2011 survey was completed entirely by electronic means, therefore no paper survey was offered this year. After approximately 5 weeks, non-respondents were mailed a second postcard notification requesting their participation in this survey.

To achieve hunter and harvest estimates we used answers from respondents to estimate percentage of active small game hunter for all license holders for the 2011-2012 small game seasons. From this pool we then calculated the percentage of individual species hunted. Then we extrapolated the active small game hunter percentage and their species specific hunting/harvest information to total license holders. This provided estimates of total hunters, hunter effort, and bag for all species.

We attempted to estimate prairie chicken harvest by species (Greater and Lesser Prairie Chicken). Sympatric range occurs in west-central and north-west Kansas and regulations overlap between the two species. Historically, harvest was delineated by county for the dominant species by county. This procedure was continued for this survey to preserve continuity in the data while anticipating improvements for next year's harvest survey. Lesser Prairie Chicken data were taken from the following counties (all other counties denoted data for Greater Prairie Chickens): Hodgeman, Hamilton, Haskell, Pratt, Seward, Barber, Pawnee, Kearney, Stanton, Edwards, Stevens, Comanche, Gray, Kiowa, Meade, Grant, Finney, Ford, Morton, Greeley, Wichita, Scott, Lane, Rush, Stafford. Many of these areas are strictly Lesser Prairie Chicken range, however parts of northern counties other than those reported above do include some Greater Prairie Chicken range. Our estimate of Lesser Prairie Chicken harvest does not include data from many counties north of the Arkansas River that are now occupied primarily by Lesser Prairie Chicken (but not at the time the survey was initiated). Next year (2012-2013 season) we will implement a prairie chicken permit (required for all prairie chicken hunters) which will allow us to survey all prairie chicken hunters and provide more precise estimates. Moreover, lek counts can be used to extrapolate species specific percentages in those counties with sympatric range in west-central and north-central Kansas.

Results: From the 21,631 deliverable notifications, 5,260 usable responses were obtained for an overall response rate of 24%. These included 3,055 responses from resident hunters, and 2,205 responses from non-resident hunters. Of these, 2,951 indicated hunting small game during the 2011-2012 seasons.

A summary of historic small game hunting season regulations follows.

Table 1. Historic small game regulations, Kansas, 1957-2011.

| Years               | Season Dates   | Daily Bag | Possession | Open Area   |
|---------------------|--|-----------|------------|---|
| <b><u>DOVE</u></b>  |  |           |            |   |
| 2010 - 2011         | Sept. 1 - Oct. 31, and Nov. 5 - 13   | 15        | 30         | statewide   |
| 2009                | Sept. 1 - Oct. 31, and Nov. 7 - 15   | 15        | 30         | statewide   |
| 2004 - 2008         | Sept. 1 - Oct. 14, and Nov. 1 - 16   | 15        | 30         | statewide   |
| 2003                | Sept. 1 - Oct. 28 and Nov. 8-9   | 15        | 30         | statewide   |
| 2002                | Sept. 1 - Oct. 28 and Nov. 9-11  | 15        | 30         | statewide   |
| 1983 - 2001         | Sept. 1 - Oct. 30  | 15        | 30         | statewide   |
| 1982                | Sept. 1-Nov. 9   | 12        | 24         | statewide   |
| 1981                | Sept. 1 - Oct. 30  | 12        | 24         | statewide   |
| 1969-1980           | Sept. 1 - Oct. 30  | 10        | 20         | statewide   |
| 1964-1968           | Sept. 1 - Oct. 30  | 12        | 24         | statewide   |
| 1963                | Sept. 1 - Oct. 30  | 10        | 20         | statewide   |
| 1962                | Sept. 1 - Oct. 30  | 12        | 24         | statewide   |
| 1960-1961           | Sept. 1 - Oct. 30  | 15        | 30         | statewide   |
| 1958-1959           | Sept. 1 - Oct. 30  | 10        | 20         | statewide   |
| 1956-1957           | Sept. 1 - Oct. 30  | 10        | 10         | statewide   |
| <b><u>QUAIL</u></b> |  |           |            |   |
| 2008 - 2011         | 2nd Sat. in Nov. to Jan. 31  | 8         | 32         | statewide   |
| 2006 - 2007         | 2nd Sat. in Nov. to 2nd to last Sunday in Jan.   | 8         | 32         | statewide   |
| 1992 - 2005         | 2nd Sat. in Nov. to Jan. 31 (East Unit), 3rd Sat. in Nov. to Jan. 31 (West Unit)         | 8         | 32         | statewide   |
| 1988 - 1991         | 2nd Sat. in Nov. to Jan. 31, 3rd Sat. in Nov. to Jan. 31 (West Unit)                     | 8         | 24         | West Unit, Rest of the State                                  |
| 1987                | 2nd Sat. in Nov. to Jan. 31, Nov. 15 to Jan. 31 (West Unit)                              | 8         | 24         | West Unit, Rest of the State                                  |
| 1985 - 1986         | 2nd Sat. in Nov. to Jan. 31, 3rd Sat. in Nov. to Jan. 31 (West Unit)                     | 8         | 24         | West Unit, Rest of the State                                  |
| 1984                | 2nd Sat. in Nov. to Jan. 31, 3rd Sat. in Nov. to Jan. 31 (West Unit)                     | 8         | 16         | West Unit, Rest of the State                                  |
| 1982-1983           | 2nd Sat. in Nov. to Jan. 31, 3rd Sat. in Nov. to Jan. 31 (West Unit)                     | 8         | 24         | West Unit, Rest of the State                                  |
| 1981                | Nov. 14-Feb 15, Nov. 21-Feb15 (NW Unit)  | 8         | 24         | NW Unit, Rest of the State                                    |
| 1980                | Nov. 8-Jan. 25, Nov. 15-Jan. 25 (NW Unit)  | 6         | 18         | NW Unit, Rest of the State                                    |
| 1979                | Nov. 10-Jan. 27, Nov. 17-Jan. 27 (NW Unit)   | 6         | 18         | NW Unit, Rest of the State                                    |
| 1978                | Nov. 18-Jan. 28, Nov. 11-Jan. 28 (NW Unit)   | 8         | 24         | NW Unit, Rest of the State                                    |
| 1977                | Nov. 5-Jan.15, Nov. 12-Jan. 15 (NW Unit)   | 8         | 24         | NW Unit, Rest of the State                                    |
| 1976                | Nov. 13-Jan 31, Nov. 20-Jan31 (NW Unit: W of US 81 & N of I-70)                          | 8         | 24         | NW Unit, Rest of the State                                    |
| 1975                | Nov. 8-Jan. 11   | 8         | 24         | statewide   |
| 1974                | Nov.9-Dec. 6, Dec. 16-Jan. 31  | 8         | 24         | statewide   |
| 1973                | Nov. 10-Jan. 31  | 8         | 24         | statewide   |
| 1972                | Nov. 11-Jan. 14  | 8         | 24         | statewide   |
| 1971                | Nov. 13-Jan.13   | 8         | 24         | statewide   |
| 1970                | Nov. 21-Jan. 21  | 8         | 24         | statewide   |
| 1969                | Nov. 15-Jan. 15  | 8         | 24         | statewide   |
| 1968                | Nov. 16-Jan. 12  | 8         | 24         | statewide   |
| 1967                | Nov. 18-20,22-27,29 Dec. 1-4,6, 8-11,13, 15-18,20,22-25,27,29-31                         | 8         | 24         | statewide   |
| 1966                | Nov. 19-Jan. 15  | 8         | 16         | statewide   |
| 1965                | Nov. 20-28,30 Dec. 2,4,5,7,9,11,12,14,16, 18,19,21,23,25,26 Zn. A, Nov. 20-Dec. 31 Zn. B | 8         | 16         | Zn A (S. of I-35 and E. of US 59)<br>Zn B (rest of the state) |
| 1964                | Nov. 21-Dec. 6,8,10,12,13,15,17,19,20,   | 8         | 16         | statewide   |

|                        |   |                         |        |   |  |
|------------------------|---|-------------------------|--------|---|--|
|                        | 22, 24-27,29,31, Jan 1-3  |                         |        |   |  |
| 1963                   | Nov. 16-24,26,28-30,<br>Dec. 1,3,5,7,8,10,12, 14,15                               | 8                       | 16     | statewide   |  |
| 1962                   | Nov. 17-25, 27,29,Dec. 1,2,4,6,8,9,11,<br>13, 15,16 Zn. 1<br>Nov. 17-Dec. 2 Zn. 2 | 8                       | 16     | Zn 1 (east of 183),<br>Zn 2 (west of 183)   |  |
| 1961                   | Nov. 18,19,21,23-26,28,30,<br>Dec. 2,3,5,7,9,10,12,14,16,17                       | 6                       | 12     | statewide   |  |
| 1960                   | Nov. 11,12,13,15,17,19,20,22,<br>(24-27, 29 Dec. 1,3,4,6,8,10)                    | 6                       | 12     | statewide   |  |
| 1959                   | Nov. 14,15,17,19,21,22, 24,26,27,28,29,<br>Dec. 1,3,5,6,8,10,12,13                | 8                       | 16     | statewide   |  |
| 1958                   | Nov. 15,16,18,20,22,23,25,27,28,29,30,<br>Dec. 2,4,6,7,9,11,13,14                 | 8                       | 16     | statewide   |  |
| 1957                   | Nov. 16,17,19,21,23,24,26,28,29,30,<br>Dec. 1,3,5,7,8                             | 8                       | 16     | statewide   |  |
| <b><u>PHEASANT</u></b> |   |                         |        |   |  |
| 2009 - 2011            | 2nd Sat. in Nov. to Jan. 31   | 4                       | 16     | statewide   |  |
| 2006 - 2008            | 1st Sat. in Nov. to Jan. 31   | 4                       | 16     | statewide   |  |
| 1985 - 2005            | 2nd Sat. in Nov. to Jan. 31   | 4                       | 16     | statewide   |  |
| 1984                   | 2nd Sat. in Nov. to Jan. 31   | 4                       | 8      | statewide   |  |
| 1982-1983              | 2nd Sat. in Nov. to Jan. 31   | 4                       | 16     | statewide   |  |
| 1981                   | Nov. 14-Feb 15  | 4                       | 16     | statewide   |  |
| 1980                   | Nov. 8-Jan. 25  | 4                       | 16     | statewide   |  |
| 1979                   | Nov. 10-Jan. 27   | 4                       | 16     | statewide   |  |
| 1978                   | Nov. 11-Jan. 28   | 3                       | 9      | Statewide except for<br>S. of US 54 & E. of US 169                                |  |
| 1977                   | Nov. 5-Jan 8  | 3                       | 9      | Statewide except for<br>S. of US 54 & E. of US 170                                |  |
| 1976                   | Nov. 13-Jan. 31   | 4                       | 12     | statewide   |  |
| 1975                   | Nov. 8-Jan. 11  | 3                       | 9      | statewide   |  |
| 1974                   | Nov. 9-Dec. 6, Dec. 16- Jan. 31   | 4                       | 12     | statewide   |  |
| 1973                   | Nov. 10-Jan. 31   | 4                       | 12     | statewide   |  |
| 1972                   | Nov. 11-Jan. 14   | 3                       | 12     | statewide   |  |
| 1971                   | Nov. 13-Jan 13  | 3                       | 12     | statewide   |  |
| 1970                   | Nov. 21-Dec. 31 Zn. 1 (east of US 81),<br>Nov.14-Dec. 31 Zn. 2 (west of US 81)    | 3                       | 12     | statewide   |  |
| 1969                   | Nov. 15-Dec. 31 Zn. 1 (east of US 81),<br>Nov.8-Dec. 31 Zn. 2 (west of US 81)     | 3                       | 12     | 2 Zones, Statewide  |  |
| 1968                   | Nov.16-Dec. 8, 21-29 Zn. 1,<br>Nov. 9-Dec. 8, 21-29 Zn. 2                         | 2 (Zn 1) & 3 (Zn 2)     | 4 & 6  | 2 Zones in 85 counties  |  |
| 1967                   | Nov. 18-Dec. 3; Dec. 16-31 Zn. 1,<br>Nov. 11-26; Dec. 16-31 Zn. 2                 | 2 (Zn 1) & 3 (Zn 2)     | 4 & 6  | 2 Zones in 85 counties  |  |
| 1966                   | Nov. 19-27; Dec. 17-Jan. 8 Zn. 1,<br>Nov. 12-27; Dec. 17-Jan. 8 Zn. 2             | 2 (Zn 1) & 3 (Zn 2)     | 4 & 6  | 2 Zones in 85 counties  |  |
| 1965                   | Nov. 20-28, Dec. 18-31 Zn. 1,<br>Nov. 13-28, Dec. 18-31 Zn. 2                     | 2 (Zn 1) & 3 (Zn 2)     | 4 & 6  | 2 Zones in 85 counties  |  |
| 1964                   | Nov. 14-Dec. 27 Zn. 1,<br>Nov. 9-Dec. 8 Zn. 2                                     | 2 (Zn 1) & 3 (Zn 2)     | 4 & 6  | 2 Zones in 84 counties  |  |
| 1963                   | Nov. 9-24 Zn. 1,<br>Nov. 9-Dec. 8 Zn. 2   | 2 (Zn 1) & 3 (Zn 2)     | 4 & 6  | 2 Zones in 84 counties  |  |
| 1962                   | Nov. 10-25, Zn. 1 - 4,<br>Dec 8-31 Zn. 2 & 3                                      | 3 (Zn. 1&4) 5 (Zn. 2&3) | 6 & 10 | 4 Zones in 81 counties, ≤ 1 hen in bag  |  |
| 1961                   | Nov. 11-Dec 17  | 5                       | 10     | HP,KM,RN,HV,MP,DK,CY,RL, WS and<br>all counties west (64 co's). ≤ 1 hen in<br>bag |  |
| 1960                   | Nov. 5-30   | 4                       | 8      | HP,KM,RN,HV,MP SA,DK,CY, WS and<br>all counties west (63 co's).                   |  |
| 1959                   | Nov. 7-26   | 4                       | 8      | HP,KM,RN,HV,MP,SA,OT,CY, WS and<br>all counties west (62 co's).                   |  |
| 1958                   | Nov. 7-11   | 4                       | 8      | Same co's as 1957   |  |
| 1957                   | Nov. 9-12   | 3                       | 6      | HP,KM,PR,SF,RC,EW,LC,OT,CY,WS,<br>and<br>all counties west (59 co's).             |  |

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**PRAIRIE CHICKEN**

|             |   |                 |                    |   |
|-------------|---|-----------------|--------------------|---|
| 2005 - 2011 | Early Sep. 15-Oct.15,<br>Regular 3rd Sat. Nov. to Jan. 31,<br>SW Zone 3rd Sat. Nov.-Dec. 31 | Regular 2, SW 1 | Regular 8, SW<br>4 | East Unit Early,<br>Statewide Reg. Season,<br>SW Unit                         |
| 1995 - 2004 | Early Sep. 15-Oct.15,<br>Regular 1st Sat. Nov. to Jan. 31,<br>SW Zone Dec. 1-Jan. 31        | Regular 2, SW 1 | Regular 8, SW<br>4 | East Unit Early,<br>Statewide Reg. Season                                     |
| 1992 - 1994 | Regular early Sep. 15-Oct. 15,<br>Regular 1st Sat. in Nov. to Jan. 31                       | 2               | 8                  | East Unit Early,<br>Early season PR, CA, and MT Co.,<br>Statewide Reg. Season |
| 1991        | Early 4th Sat. Sep.-Oct. 20,<br>Regular 1st Sat. in Nov. to Jan. 31                         | 2               | 6                  | East Unit Early,<br>Statewide Regular Season                                  |
| 1989 - 1990 | Early 4th Sat. Sep.-Oct. 15,<br>Regular 1st Sat. in Nov. to Jan. 31                         | 2               | 6                  | East Unit Early,<br>Statewide Regular Season                                  |
| 1986 - 1988 | 1st Sat. in Nov. to Jan. 31   | 2               | 6                  | statewide   |
| 1985        | Nov. 2-Jan. 31  | 2               | 6                  | Stwd. excpt. RA. Co. closed   |
| 1984        | Nov. 3-Jan. 31  | 2               | 4                  | Statewide   |
| 1983        | Nov. 5-Jan. 31  | 2               | 6                  | Statewide   |
| 1982        | Nov. 6-Jan. 31  | 2               | 6                  | Statewide   |
| 1981        | Nov. 7-Feb. 15  | 2               | 6                  | Statewide   |
| 1980        | Nov. 1-Dec. 31  | 2               | 6                  | Statewide   |
| 1979        | Nov. 3-Dec. 31, Nov. 4-Dec. 17 SW Zone  | 2               | 6                  | Statewide, less E. of US 81   |
| 1978        | Nov. 4-Dec. 3 Regular,<br>Nov. 12-Dec. 18 SW Zone   | 2               | 6                  | E. of US 81, West of US 81  |
| 1977        | Nov. 12- Dec. 4 Regular   | 2               | 6                  | W. of US 81 &<br>SE KS. S. of US 54 & E. of US 169.                           |

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**COTTONTAIL**

|             |                                |    |    |   |
|-------------|--------------------------------|----|----|---|
| 1993 - 2011 | Open All Year                  | 10 | 30 | statewide   |
| 1971 - 1992 | Year Round                     | 10 | 20 | Statewide; 1975 to present<br>No Limit on Jackrabbits |
| 1957 - 1970 | Dec.15-Oct.15 plus bird Season | 10 | 20 | Statewide   |

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**SQUIRREL**

|             |                                |   |    |           |
|-------------|--------------------------------|---|----|-----------|
| 1997 - 2011 | Jun. 1 - end of Feb.           | 5 | 20 | Statewide |
| 1992 -1996  | Jun. 1-Dec. 31                 | 5 | 20 | Statewide |
| 1971 - 1991 | Jun. 1-Dec. 31                 | 5 | 10 | Statewide |
| 1964 - 1970 | Aug. 1-Dec. 31                 | 5 | 10 | Statewide |
| 1963        | Sep. 15-Dec.15                 | 5 | 10 | Statewide |
| 1962        | Sep. 1-Nov. 30                 | 8 | 16 | Statewide |
| 1960 - 1961 | Apr. 15-May 31, Sep. 1-Nov. 30 | 8 | 16 | Statewide |
| 1959        | Jul. 1-Nov. 30                 | 8 | 16 | Statewide |
| 1957 - 1958 | Sep. 1-Dec. 31                 | 8 | 16 | Statewide |

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## Kansas Dove Harvest, 1957 - 2011.

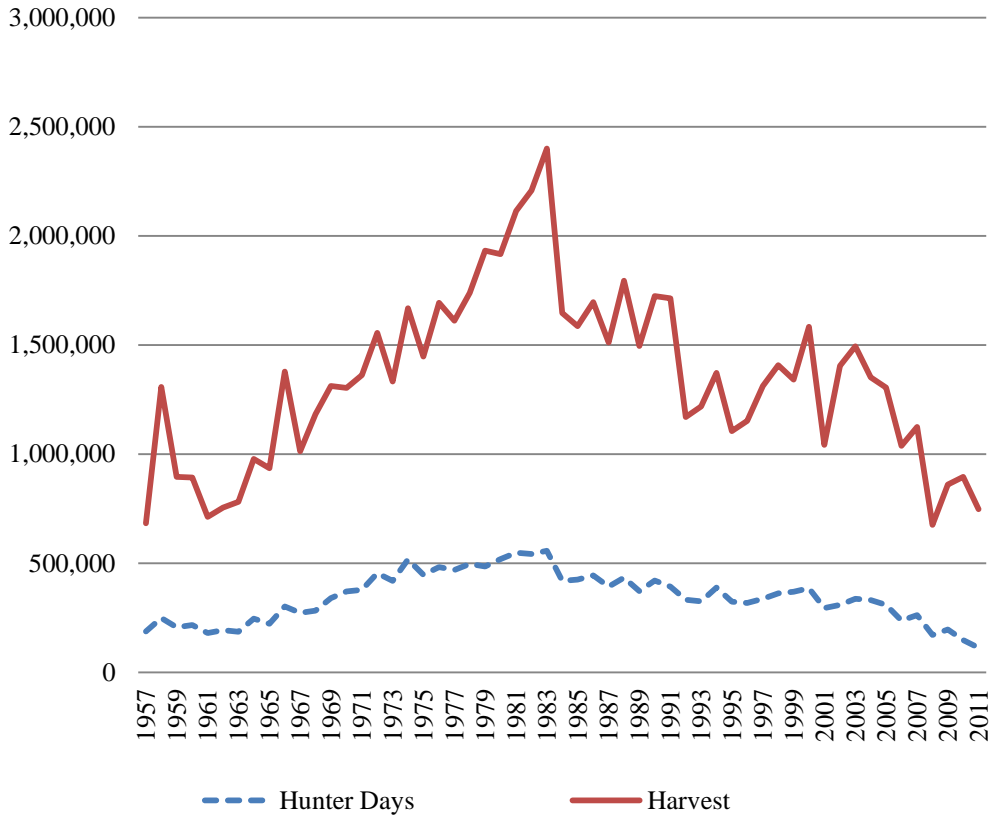


Table 2. Estimated annual **DOVE** hunting activity in Kansas.

| Year | Percent Hunting Species | Est. Total Hunters | Est. Total Days | Est. Total Harvest | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|------|-------------------------|--------------------|-----------------|--------------------|------------------------|-----------------------|------------------|
| 1957 | 24                      | 45,400             | 188,000         | 684,000            | 4.15                   | 15.07                 | 3.63             |
| 1958 | 25                      | 58,000             | 250,000         | 1,308,000          | 4.31                   | 22.56                 | 5.24             |
| 1959 | 23                      | 53,200             | 207,000         | 896,000            | 3.89                   | 16.85                 | 4.33             |
| 1960 | 27                      | 61,400             | 217,000         | 893,000            | 3.54                   | 14.55                 | 4.11             |
| 1961 | 23                      | 48,300             | 181,000         | 712,000            | 3.75                   | 14.74                 | 3.93             |
| 1962 | 25                      | 48,800             | 194,000         | 755,000            | 3.98                   | 15.48                 | 2.87             |
| 1963 | 28                      | 50,100             | 186,000         | 781,000            | 3.71                   | 15.58                 | 4.20             |
| 1964 | 33                      | 58,000             | 247,000         | 978,000            | 4.26                   | 16.87                 | 3.96             |
| 1965 | 31                      | 54,100             | 223,000         | 936,000            | 4.13                   | 17.30                 | 4.19             |
| 1966 | 34                      | 67,000             | 302,000         | 1,378,000          | 4.50                   | 20.57                 | 4.57             |
| 1967 | 31                      | 63,300             | 273,000         | 1,013,000          | 4.31                   | 16.01                 | 3.71             |
| 1968 | 33                      | 66,100             | 283,000         | 1,183,000          | 4.27                   | 17.89                 | 4.17             |
| 1969 | 36                      | 74,500             | 341,000         | 1,312,000          | 4.58                   | 17.61                 | 3.84             |
| 1970 | 35                      | 74,200             | 371,000         | 1,304,000          | 5.00                   | 17.57                 | 3.51             |
| 1971 | 39                      | 81,200             | 378,000         | 1,363,000          | 4.66                   | 16.79                 | 3.75             |
| 1972 | 41                      | 85,900             | 454,000         | 1,556,000          | 5.29                   | 18.11                 | 3.78             |
| 1973 | 36                      | 78,200             | 419,000         | 1,333,000          | 5.36                   | 17.05                 | 3.60             |
| 1974 | 44                      | 94,300             | 517,000         | 1,668,000          | 5.48                   | 17.69                 | 3.50             |
| 1975 | 43                      | 86,000             | 448,000         | 1,448,000          | 5.21                   | 16.84                 | 3.49             |
| 1976 | 44                      | 89,700             | 483,000         | 1,694,000          | 5.39                   | 18.89                 | 3.75             |
| 1977 | 43                      | 89,200             | 469,000         | 1,612,000          | 5.26                   | 18.06                 | 3.69             |
| 1978 | 42                      | 89,300             | 497,000         | 1,739,000          | 5.56                   | 19.45                 | 4.14             |
| 1979 | 43                      | 98,700             | 486,000         | 1,933,000          | 4.92                   | 19.59                 | 4.51             |
| 1980 | 45                      | 104,100            | 519,000         | 1,916,000          | 4.99                   | 18.41                 | 3.93             |
| 1981 | 44                      | 103,000            | 549,000         | 2,115,000          | 5.33                   | 20.54                 | 3.95             |
| 1982 | 43                      | 107,300            | 543,000         | 2,208,000          | 5.06                   | 20.58                 | 4.23             |
| 1983 | 44                      | 104,900            | 558,000         | 2,400,000          | 5.32                   | 23.06                 | 4.49             |
| 1984 | 45                      | 85,900             | 420,000         | 1,647,000          | 4.89                   | 19.17                 | 4.27             |
| 1985 | 45                      | 84,200             | 426,000         | 1,586,000          | 5.05                   | 18.84                 | 3.83             |
| 1986 | 47                      | 91,300             | 445,000         | 1,697,000          | 4.88                   | 18.58                 | 3.95             |
| 1987 | 42                      | 83,100             | 393,000         | 1,512,000          | 4.73                   | 18.18                 | 3.93             |
| 1988 | 48                      | 92,000             | 434,000         | 1,795,000          | 4.67                   | 19.32                 | 4.21             |
| 1989 | 45                      | 79,600             | 373,000         | 1,495,000          | 4.69                   | 18.79                 | 4.12             |
| 1990 | 44                      | 79,100             | 421,000         | 1,724,000          | 5.32                   | 21.79                 | 4.27             |
| 1991 | 45                      | 83,100             | 393,000         | 1,714,000          | 4.73                   | 20.63                 | 4.44             |
| 1992 | 43                      | 73,100             | 333,000         | 1,170,000          | 4.55                   | 16.00                 | 3.62             |
| 1993 | 41                      | 72,000             | 326,000         | 1,219,000          | 4.53                   | 16.94                 | 3.80             |
| 1994 | 41                      | 77,400             | 389,000         | 1,373,000          | 5.02                   | 17.74                 | 3.78             |
| 1995 | 41                      | 74,400             | 324,000         | 1,105,000          | 4.35                   | 14.86                 | 3.35             |
| 1996 | 44                      | 70,100             | 318,000         | 1,152,000          | 4.54                   | 16.44                 | 3.64             |
| 1997 | 43                      | 71,700             | 337,000         | 1,312,000          | 4.69                   | 18.29                 | 4.20             |
| 1998 | 43                      | 73,800             | 362,000         | 1,408,000          | 4.91                   | 19.08                 | 4.05             |
| 1999 | 40                      | 71,200             | 370,000         | 1,342,000          | 5.19                   | 18.83                 | 3.87             |
| 2000 | 43                      | 80,300             | 386,000         | 1,584,000          | 4.81                   | 19.72                 | 4.31             |
| 2001 | 42                      | 69,900             | 295,000         | 1,042,000          | 4.23                   | 14.90                 | 3.74             |
| 2002 | 44                      | 70,600             | 309,800         | 1,404,600          | 4.39                   | 19.89                 | 4.54             |
| 2003 | 44                      | 73,500             | 338,000         | 1,494,000          | 4.60                   | 20.34                 | 4.72             |
| 2004 | 42                      | 72,300             | 331,000         | 1,352,000          | 4.58                   | 18.71                 | 4.45             |
| 2005 | 38                      | 66,500             | 310,000         | 1,305,000          | 4.67                   | 19.63                 | 4.42             |
| 2006 | 32                      | 52,200             | 238,000         | 1,038,000          | 4.55                   | 19.86                 | 4.69             |
| 2007 | 36                      | 56,600             | 263,000         | 1,125,000          | 4.63                   | 19.87                 | 4.57             |
| 2008 | 29                      | 39,500             | 171,000         | 676,000            | 4.19                   | 16.46                 | 4.08             |
| 2009 | 26                      | 44,200             | 197,000         | 861,000            | 4.47                   | 19.48                 | 4.65             |
| 2010 | 30                      | 44,656             | 148,453         | 896,287            | 4.55                   | 20.07                 | 4.69             |
| 2011 | 31                      | 38,429             | 112,355         | 747,538            | 4.24                   | 19.45                 | 4.80             |

<sup>a</sup> Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

<sup>b</sup> Average Bag Per Day through 1967 expresses overall mean season bag divided by overall mean season days.

ABPD after 1967 is the mean of individual hunter ratios of season bag to season days.

<sup>c</sup> Percent of active hunters hunting species unobtainable due to 1979 questionnaire error. Value is 1974-1978 mean.

<sup>d</sup> Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

## Kansas Bobwhite Harvest, 1957 - 2011.

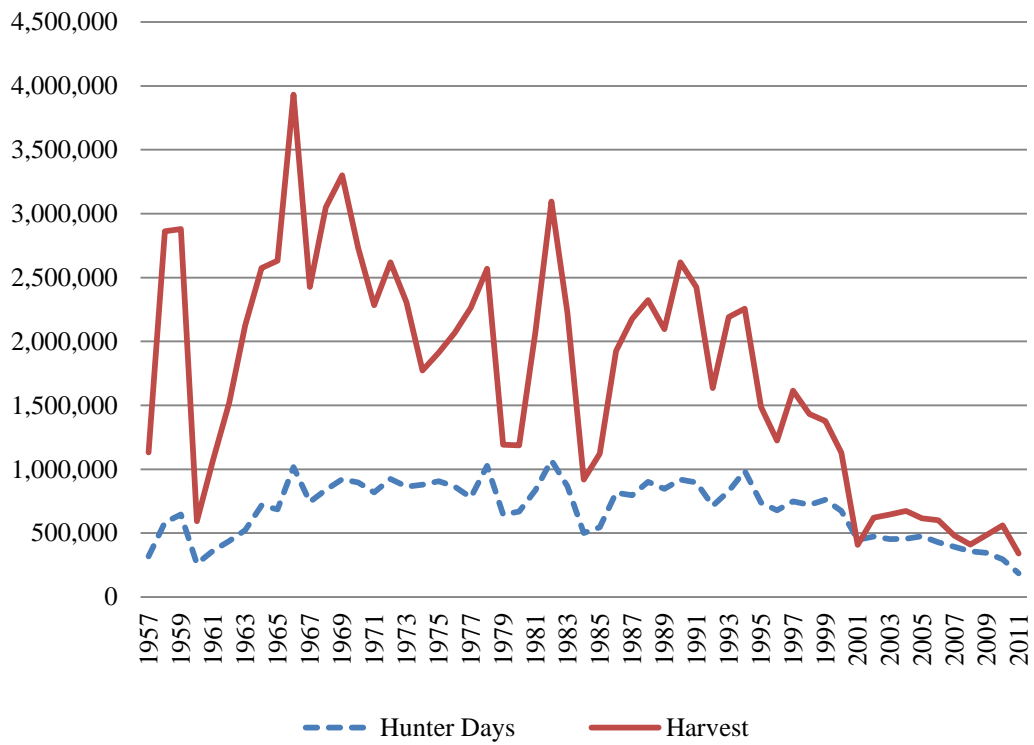


Table 3. Estimated annual **BOBWHITE** hunting activity in Kansas.

| Year | Percent Hunting Species | Est. Total Hunters | Est. Total Days | Est. Total Harvest | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|------|-------------------------|--------------------|-----------------|--------------------|------------------------|-----------------------|------------------|
| 1957 | 46                      | 87,100             | 318,000         | 1,132,000          | 3.65                   | 13.00                 | 3.56             |
| 1958 | 61                      | 139,800            | 583,000         | 2,863,000          | 4.17                   | 20.48                 | 4.91             |
| 1959 | 62                      | 141,800            | 647,000         | 2,879,000          | 4.56                   | 20.30                 | 4.45             |
| 1960 | 43                      | 96,500             | 261,000         | 594,000            | 2.70                   | 6.16                  | 2.28             |
| 1961 | 48                      | 99,600             | 364,000         | 1,076,000          | 3.65                   | 10.80                 | 2.96             |
| 1962 | 55                      | 106,300            | 437,000         | 1,520,000          | 4.11                   | 14.30                 | 3.48             |
| 1963 | 67                      | 120,400            | 524,000         | 2,126,000          | 4.35                   | 17.66                 | 4.06             |
| 1964 | 75                      | 130,800            | 717,000         | 2,573,000          | 5.48                   | 19.67                 | 3.59             |
| 1965 | 76                      | 133,600            | 687,000         | 2,631,000          | 5.14                   | 19.69                 | 3.83             |
| 1966 | 79                      | 156,800            | 1,016,000       | 3,931,000          | 6.48                   | 25.07                 | 3.87             |
| 1967 | 75                      | 152,200            | 744,000         | 2,426,000          | 4.89                   | 15.94                 | 3.26             |
| 1968 | 77                      | 151,800            | 838,000         | 3,050,000          | 5.52                   | 20.09                 | 3.50             |
| 1969 | 77                      | 159,600            | 921,000         | 3,301,000          | 5.77                   | 20.68                 | 3.59             |
| 1970 | 76                      | 160,200            | 897,000         | 2,733,000          | 5.60                   | 17.06                 | 3.04             |
| 1971 | 75                      | 155,300            | 818,000         | 2,284,000          | 5.27                   | 14.71                 | 2.56             |
| 1972 | 75                      | 158,200            | 924,000         | 2,618,000          | 5.84                   | 16.55                 | 2.73             |
| 1973 | 71                      | 152,700            | 864,000         | 2,307,000          | 5.66                   | 15.11                 | 2.70             |
| 1974 | 72                      | 152,000            | 879,000         | 1,772,000          | 5.78                   | 11.66                 | 2.06             |
| 1975 | 74                      | 148,200            | 906,000         | 1,912,000          | 6.11                   | 12.90                 | 2.27             |
| 1976 | 73                      | 148,700            | 864,000         | 2,068,000          | 5.81                   | 13.91                 | 2.43             |
| 1977 | 74                      | 152,300            | 778,000         | 2,263,000          | 5.11                   | 14.86                 | 2.72             |
| 1978 | 75                      | 161,000            | 1,027,000       | 2,569,000          | 6.38                   | 15.96                 | 2.70             |
| 1979 | 55                      | 125,600            | 646,000         | 1,193,000          | 5.14                   | 9.50                  | 1.90             |
| 1980 | 55                      | 126,800            | 668,000         | 1,186,000          | 5.27                   | 9.35                  | 1.84             |
| 1981 | 61                      | 142,900            | 836,000         | 2,076,000          | 5.85                   | 14.53                 | 2.40             |
| 1982 | 67                      | 166,600            | 1,068,000       | 3,094,000          | 6.41                   | 18.57                 | 2.88             |
| 1983 | 64                      | 153,100            | 867,000         | 2,223,000          | 5.66                   | 14.53                 | 2.50             |
| 1984 | 52                      | 99,000             | 500,000         | 920,000            | 5.04                   | 9.29                  | 1.90             |
| 1985 | 53                      | 97,400             | 546,000         | 1,121,000          | 5.60                   | 11.50                 | 1.91             |
| 1986 | 63                      | 122,200            | 815,000         | 1,925,000          | 6.67                   | 15.75                 | 2.31             |
| 1987 | 66                      | 128,200            | 796,000         | 2,177,000          | 6.21                   | 16.98                 | 2.68             |
| 1988 | 68                      | 132,700            | 901,000         | 2,324,000          | 6.79                   | 17.52                 | 2.51             |
| 1989 | 68                      | 121,100            | 845,000         | 2,096,000          | 6.98                   | 17.32                 | 2.44             |
| 1990 | 73                      | 130,500            | 920,000         | 2,620,000          | 7.05                   | 20.07                 | 2.82             |
| 1991 | 73                      | 134,200            | 897,000         | 2,423,000          | 6.69                   | 18.05                 | 2.54             |
| 1992 | 70                      | 120,900            | 713,000         | 1,635,000          | 5.90                   | 13.52                 | 2.23             |
| 1993 | 72                      | 126,400            | 828,000         | 2,190,000          | 6.55                   | 17.33                 | 2.51             |
| 1994 | 74                      | 141,700            | 987,000         | 2,256,000          | 6.96                   | 15.92                 | 2.18             |
| 1995 | 70                      | 125,400            | 738,000         | 1,487,000          | 5.88                   | 11.86                 | 1.97             |
| 1996 | 69                      | 110,000            | 679,000         | 1,225,000          | 6.17                   | 11.13                 | 1.74             |
| 1997 | 70                      | 116,400            | 748,000         | 1,615,000          | 6.43                   | 13.87                 | 2.12             |
| 1998 | 67                      | 115,500            | 721,000         | 1,432,000          | 6.24                   | 12.40                 | 1.96             |
| 1999 | 65                      | 117,600            | 760,000         | 1,378,000          | 6.46                   | 11.72                 | 1.83             |
| 2000 | 61                      | 114,100            | 673,000         | 1,129,000          | 5.90                   | 9.89                  | 1.64             |
| 2001 | 55                      | 91,300             | 448,000         | 408,000            | 4.91                   | 4.47                  | 0.92             |
| 2002 | 53                      | 84,900             | 473,000         | 621,000            | 5.57                   | 7.32                  | 1.36             |
| 2003 | 54                      | 91,000             | 452,000         | 647,000            | 4.97                   | 7.11                  | 1.46             |
| 2004 | 52                      | 90,000             | 456,000         | 674,000            | 5.07                   | 7.49                  | 1.50             |
| 2005 | 52                      | 90,900             | 475,000         | 616,000            | 5.23                   | 6.78                  | 1.39             |
| 2006 | 50                      | 80,900             | 428,000         | 600,000            | 5.29                   | 7.41                  | 1.39             |
| 2007 | 48                      | 73,600             | 394,000         | 481,000            | 5.35                   | 6.55                  | 1.28             |
| 2008 | 51                      | 69,800             | 358,000         | 410,000            | 4.98                   | 5.66                  | 1.16             |
| 2009 | 47                      | 72,900             | 346,000         | 485,000            | 4.75                   | 6.66                  | 1.43             |
| 2010 | 51                      | 77,407             | 295,405         | 561,430            | 5.22                   | 7.25                  | 1.48             |
| 2011 | 47                      | 59,153             | 186,181         | 339,495            | 4.57                   | 5.74                  | 1.27             |

<sup>a</sup> Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

<sup>b</sup> Average Bag Per Day through 1967 expresses overall mean season bag divided by overall mean season days.

ABPD after 1967 is the mean of individual hunter ratios of season bag to season days.

<sup>c</sup> Percent of active hunters hunting species unobtainable due to 1979 questionnaire error. Value is 1974-1978 mean.

<sup>d</sup> Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

## Kansas Pheasant Harvest, 1957 - 2011.

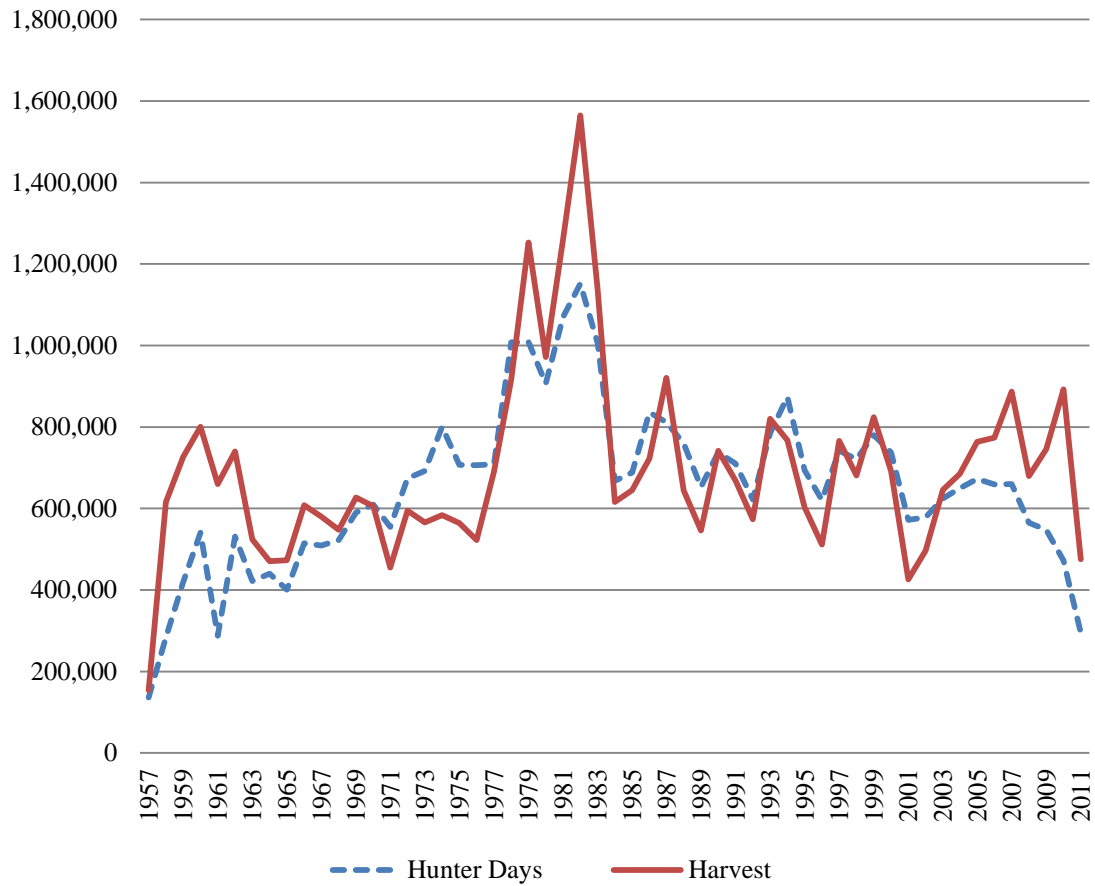


Table 4. Estimated annual PHEASANT hunting activity in Kansas.

| Year | Percent Hunting Species | Est. Total Hunters | Est. Total Days | Est. <sup>a</sup> Total Harvest | Season Days Per Hunter | Season <sup>a</sup> Bag Per Hunter | Average <sup>a</sup> Bag Per Day |
|------|-------------------------|--------------------|-----------------|---------------------------------|------------------------|------------------------------------|----------------------------------|
| 1957 | 40                      | 75,700             | 136,000         | 154,000                         | 1.80                   | 2.03                               | 1.13                             |
| 1958 | 57                      | 130,500            | 284,000         | 616,000                         | 2.18                   | 4.72                               | 2.16                             |
| 1959 | 64                      | 146,300            | 420,000         | 727,000                         | 2.87                   | 4.97                               | 1.73                             |
| 1960 | 75                      | 168,600            | 541,000         | 801,000                         | 3.21                   | 4.75                               | 1.48                             |
| 1961 | 70                      | 144,000            | 288,000         | 660,000                         | 2.00                   | 4.59                               | 2.29                             |
| 1962 | 78                      | 149,500            | 531,000         | 740,000                         | 3.55                   | 4.95                               | 1.39                             |
| 1963 | 72                      | 130,600            | 422,000         | 524,000                         | 3.23                   | 4.01                               | 1.24                             |
| 1964 | 68                      | 118,300            | 440,000         | 471,000                         | 3.72                   | 3.98                               | 1.07                             |
| 1965 | 69                      | 122,000            | 401,000         | 473,000                         | 3.29                   | 3.88                               | 1.18                             |
| 1966 | 68                      | 134,500            | 515,000         | 608,000                         | 3.83                   | 4.52                               | 1.18                             |
| 1967 | 68                      | 139,000            | 509,000         | 580,000                         | 3.66                   | 4.17                               | 1.14                             |
| 1968 | 69                      | 136,100            | 523,000         | 548,000                         | 3.84                   | 4.03                               | 0.84                             |
| 1969 | 70                      | 145,200            | 590,000         | 627,000                         | 4.06                   | 4.32                               | 1.06                             |
| 1970 | 71                      | 150,700            | 610,000         | 606,000                         | 4.05                   | 4.02                               | 0.99                             |
| 1971 | 68                      | 141,700            | 555,000         | 455,000                         | 3.92                   | 3.21                               | 0.96                             |
| 1972 | 67                      | 142,800            | 674,000         | 595,000                         | 4.72                   | 4.17                               | 1.03                             |
| 1973 | 65                      | 139,700            | 692,000         | 566,000                         | 4.95                   | 4.05                               | 0.96                             |
| 1974 | 71                      | 150,200            | 801,000         | 584,000                         | 5.33                   | 3.89                               | 0.85                             |
| 1975 | 71                      | 141,100            | 707,000         | 564,000                         | 5.01                   | 3.97                               | 0.92                             |
| 1976 | 72                      | 145,200            | 706,000         | 523,000                         | 4.86                   | 3.60                               | 0.90                             |
| 1977 | 72                      | 148,400            | 709,000         | 690,000                         | 4.78                   | 4.65                               | 1.09                             |
| 1978 | 78                      | 168,000            | 1,008,000       | 916,000                         | 6.00                   | 5.46                               | 1.11                             |
| 1979 | 78                      | 177,900            | 1,009,000       | 1,253,000                       | 5.67                   | 7.05                               | 1.41                             |
| 1980 | 77                      | 176,200            | 907,000         | 972,000                         | 5.15                   | 5.52                               | 1.19                             |
| 1981 | 78                      | 183,200            | 1,070,000       | 1,260,000                       | 5.84                   | 6.88                               | 1.36                             |
| 1982 | 79                      | 195,600            | 1,152,000       | 1,565,000                       | 5.89                   | 8.00                               | 1.51                             |
| 1983 | 76                      | 183,600            | 1,006,000       | 1,138,000                       | 5.48                   | 6.20                               | 1.28                             |
| 1984 | 72                      | 135,700            | 668,000         | 616,000                         | 4.92                   | 4.54                               | 1.07                             |
| 1985 | 74                      | 136,600            | 688,000         | 645,000                         | 5.03                   | 4.72                               | 1.02                             |
| 1986 | 74                      | 143,100            | 836,000         | 723,000                         | 5.84                   | 5.06                               | 1.01                             |
| 1987 | 76                      | 149,600            | 812,000         | 921,000                         | 5.43                   | 6.16                               | 1.21                             |
| 1988 | 75                      | 144,400            | 760,000         | 644,000                         | 5.26                   | 4.46                               | 1.00                             |
| 1989 | 70                      | 124,900            | 653,000         | 546,000                         | 5.23                   | 4.37                               | 0.96                             |
| 1990 | 74                      | 133,000            | 738,000         | 742,000                         | 5.55                   | 5.58                               | 1.14                             |
| 1991 | 75                      | 138,400            | 710,000         | 669,000                         | 5.13                   | 4.83                               | 1.08                             |
| 1992 | 73                      | 126,100            | 622,000         | 574,000                         | 4.93                   | 4.55                               | 0.99                             |
| 1993 | 77                      | 134,400            | 785,000         | 820,000                         | 5.84                   | 6.10                               | 1.18                             |
| 1994 | 76                      | 145,300            | 874,000         | 768,000                         | 6.02                   | 5.28                               | 1.07                             |
| 1995 | 74                      | 133,500            | 694,000         | 603,000                         | 5.20                   | 4.52                               | 0.96                             |
| 1996 | 70                      | 111,700            | 621,000         | 512,000                         | 5.56                   | 4.59                               | 0.94                             |
| 1997 | 75                      | 124,800            | 742,000         | 766,000                         | 5.94                   | 6.13                               | 1.15                             |
| 1998 | 73                      | 125,800            | 721,000         | 681,000                         | 5.73                   | 5.41                               | 1.01                             |
| 1999 | 74                      | 133,700            | 780,000         | 824,000                         | 5.83                   | 6.16                               | 1.18                             |
| 2000 | 72                      | 133,400            | 738,000         | 692,000                         | 5.53                   | 5.19                               | 1.00                             |
| 2001 | 70                      | 116,600            | 572,000         | 426,000                         | 4.91                   | 3.66                               | 0.82                             |
| 2002 | 67                      | 106,800            | 578,000         | 497,000                         | 5.41                   | 4.65                               | 0.93                             |
| 2003 | 70                      | 117,000            | 625,000         | 646,000                         | 5.34                   | 5.52                               | 1.13                             |
| 2004 | 71                      | 123,800            | 650,000         | 685,000                         | 5.25                   | 5.53                               | 1.11                             |
| 2005 | 71                      | 124,700            | 673,000         | 764,000                         | 5.40                   | 6.12                               | 1.20                             |
| 2006 | 75                      | 120,900            | 659,000         | 774,000                         | 5.44                   | 6.39                               | 1.26                             |
| 2007 | 78                      | 117,100            | 660,000         | 887,000                         | 5.64                   | 7.58                               | 1.41                             |
| 2008 | 80                      | 108,100            | 565,000         | 680,000                         | 5.08                   | 6.05                               | 1.23                             |
| 2009 | 75                      | 112,400            | 548,000         | 746,000                         | 4.87                   | 6.62                               | 1.39                             |
| 2010 | 82                      | 123,764            | 472,494         | 892,672                         | 5.22                   | 7.21                               | 1.46                             |
| 2011 | 74                      | 93,135             | 294,556         | 475,170                         | 4.59                   | 5.10                               | 1.19                             |

<sup>a</sup> Values are for cocks only. Hen harvest estimates are based on check station data showing 28.6% (264,000) hens in 1961 and 19.4% (178,000) hens in 1962.

<sup>b</sup> Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

<sup>c</sup> Average Bag Per Day through 1967 expresses overall mean season bag divided by overall mean season days. ABPD after 1967 is the mean of individual hunter ratios of season bag to season days.

<sup>d</sup> Percent of active hunters hunting species unobtainable due to 1979 questionnaire error. Value is 1974-1978 mean.

<sup>e</sup> Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

## Kansas Greater Prairie Chicken Harvest, 1957-2011.

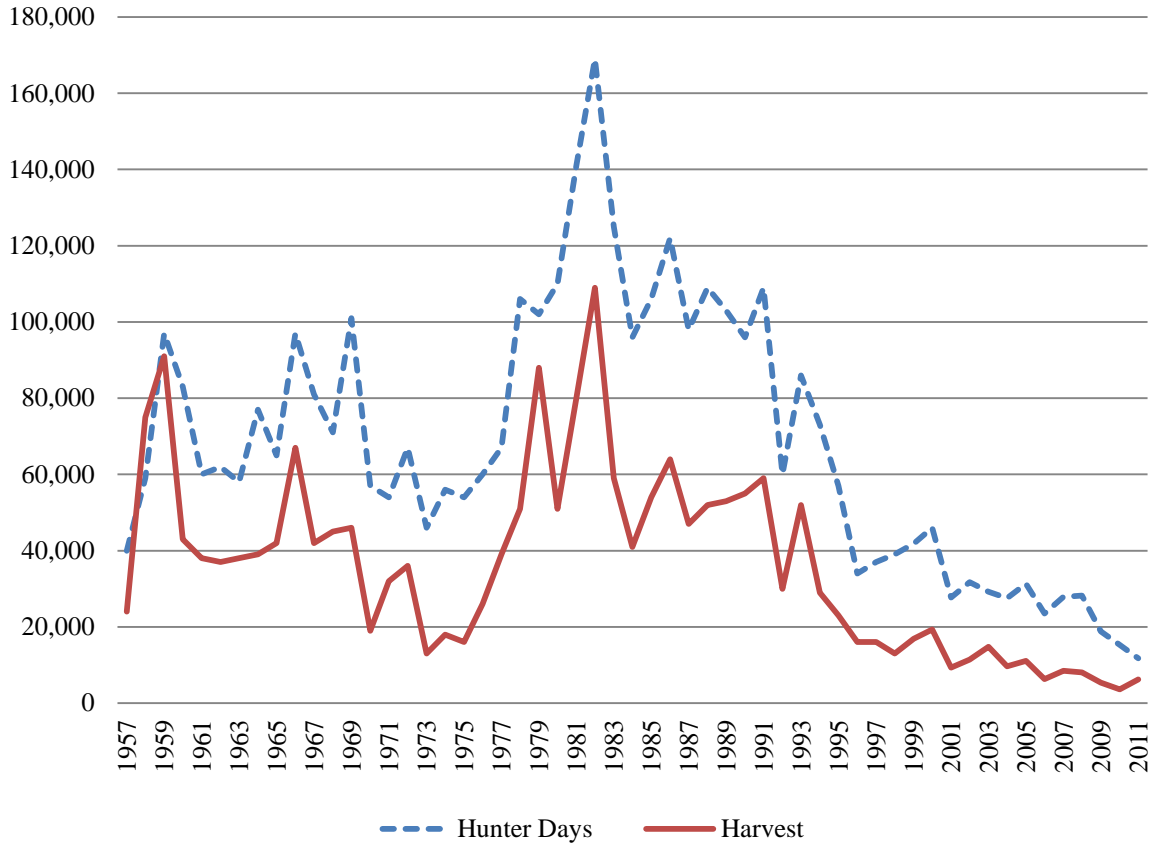


Table 5. Estimated annual **GREATER PRAIRIE CHICKEN** hunting activity in Kansas.

| Year | Percent Hunting Species | Est. Total Hunters | Est. Total Days | Est. Total Harvest | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|------|-------------------------|--------------------|-----------------|--------------------|------------------------|-----------------------|------------------|
| 1957 | 16                      | 30,300             | 40,000          | 24,000             | 1.32                   | 0.78                  | 0.59             |
| 1958 | 23                      | 51,900             | 59,000          | 75,000             | 1.13                   | 1.45                  | 1.28             |
| 1959 | 28                      | 64,100             | 97,000          | 91,000             | 1.52                   | 1.42                  | 0.94             |
| 1960 | 26                      | 57,500             | 83,000          | 43,000             | 1.45                   | 0.74                  | 0.51             |
| 1961 | 19                      | 40,000             | 60,000          | 38,000             | 1.50                   | 0.96                  | 0.64             |
| 1962 | 20                      | 39,200             | 62,000          | 37,000             | 1.59                   | 0.95                  | 0.60             |
| 1963 | 21                      | 37,100             | 58,000          | 38,000             | 1.57                   | 1.02                  | 0.65             |
| 1964 | 25                      | 44,500             | 77,000          | 39,000             | 1.73                   | 0.87                  | 0.50             |
| 1965 | 23                      | 41,500             | 65,000          | 42,000             | 1.56                   | 1.01                  | 0.65             |
| 1966 | 27                      | 52,700             | 97,000          | 67,000             | 1.84                   | 1.27                  | 0.69             |
| 1967 | 22                      | 45,100             | 81,000          | 42,000             | 1.79                   | 0.94                  | 0.53             |
| 1968 | 20                      | 39,500             | 71,000          | 45,000             | 1.80                   | 1.13                  | 0.63             |
| 1969 | 23                      | 48,600             | 101,000         | 46,000             | 2.08                   | 0.95                  | 0.46             |
| 1970 | 17                      | 35,300             | 57,000          | 19,000             | 1.62                   | 0.53                  | 0.33             |
| 1971 | 16                      | 32,700             | 54,000          | 32,000             | 1.65                   | 0.98                  | 0.60             |
| 1972 | 16                      | 34,000             | 67,000          | 36,000             | 1.96                   | 1.06                  | 0.54             |
| 1973 | 9                       | 18,700             | 46,000          | 13,000             | 2.45                   | 0.71                  | 0.29             |
| 1974 | 10                      | 20,200             | 56,000          | 18,000             | 2.75                   | 0.91                  | 0.33             |
| 1975 | 9                       | 17,100             | 54,000          | 16,000             | 3.16                   | 0.92                  | 0.29             |
| 1976 | 11                      | 21,800             | 60,000          | 26,000             | 2.75                   | 1.19                  | 0.44             |
| 1977 | 11                      | 22,800             | 67,000          | 39,000             | 2.92                   | 1.71                  | 0.59             |
| 1978 | 16                      | 34,100             | 106,000         | 51,000             | 3.12                   | 1.49                  | 0.50             |
| 1979 | 16                      | 36,100             | 102,000         | 88,000             | 2.83                   | 2.45                  | 0.87             |
| 1980 | 16                      | 37,000             | 110,000         | 51,000             | 2.98                   | 1.37                  | 0.49             |
| 1981 | 19                      | 45,400             | 141,000         | 80,000             | 3.11                   | 1.76                  | 0.57             |
| 1982 | 21                      | 53,100             | 169,000         | 109,000            | 3.18                   | 2.05                  | 0.70             |
| 1983 | 17                      | 41,100             | 125,000         | 59,000             | 3.04                   | 1.44                  | 0.50             |
| 1984 | 16                      | 30,000             | 96,000          | 41,000             | 3.20                   | 1.38                  | 0.45             |
| 1985 | 16                      | 30,100             | 106,000         | 54,000             | 3.52                   | 1.78                  | 0.52             |
| 1986 | 17                      | 33,900             | 122,000         | 64,000             | 3.61                   | 1.90                  | 0.54             |
| 1987 | 15                      | 30,000             | 98,000          | 47,000             | 3.26                   | 1.58                  | 0.52             |
| 1988 | 17                      | 32,700             | 109,000         | 52,000             | 3.35                   | 1.59                  | 0.46             |
| 1989 | 14                      | 25,600             | 103,000         | 53,000             | 4.11                   | 2.15                  | 0.53             |
| 1990 | 15                      | 26,000             | 96,000          | 55,000             | 3.67                   | 2.09                  | 0.55             |
| 1991 | 14                      | 24,800             | 109,000         | 59,000             | 4.49                   | 2.50                  | 0.56             |
| 1992 | 11                      | 18,700             | 60,000          | 30,000             | 3.28                   | 1.65                  | 0.52             |
| 1993 | 12                      | 21,400             | 86,000          | 52,000             | 3.92                   | 2.40                  | 0.57             |
| 1994 | 10                      | 19,100             | 73,000          | 29,000             | 3.87                   | 1.52                  | 0.47             |
| 1995 | 9                       | 15,400             | 57,000          | 23,000             | 3.70                   | 1.50                  | 0.43             |
| 1996 | 7                       | 11,400             | 34,000          | 16,000             | 3.01                   | 1.36                  | 0.44             |
| 1997 | 7                       | 11,100             | 37,000          | 16,000             | 3.32                   | 1.41                  | 0.51             |
| 1998 | 6                       | 11,000             | 39,000          | 13,000             | 3.49                   | 1.21                  | 0.46             |
| 1999 | 6                       | 10,100             | 41,800          | 16,900             | 4.14                   | 1.67                  | 0.48             |
| 2000 | 6                       | 11,400             | 46,000          | 19,300             | 4.42                   | 1.36                  | 0.43             |
| 2001 | 5                       | 8,100              | 27,700          | 9,300              | 3.44                   | 1.15                  | 0.37             |
| 2002 | 5                       | 8,600              | 31,700          | 11,400             | 3.68                   | 1.31                  | 0.42             |
| 2003 | 5                       | 7,740              | 29,200          | 14,800             | 3.78                   | 1.91                  | 0.54             |
| 2004 | 5                       | 9,530              | 27,500          | 9,700              | 2.86                   | 1.02                  | 0.45             |
| 2005 | 4                       | 6,230              | 31,300          | 11,100             | 5.02                   | 1.79                  | 0.40             |
| 2006 | 4                       | 5,640              | 23,500          | 6,300              | 4.17                   | 1.11                  | 0.34             |
| 2007 | 5                       | 7,630              | 27,890          | 8,500              | 3.66                   | 1.22                  | 0.31             |
| 2008 | 5                       | 7,350              | 28,250          | 8,100              | 3.46                   | 0.88                  | 0.32             |
| 2009 | 3                       | 4,870              | 18,810          | 5,400              | 3.94                   | 1.24                  | 0.39             |
| 2010 | 3                       | 5,102              | 15,278          | 3,588              | 4.10                   | 0.70                  | 0.30             |
| 2011 | 4                       | 5,454              | 11,800          | 6,251              | 3.14                   | 0.93                  | 0.30             |

<sup>a</sup> Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

<sup>b</sup> Average Bag Per Day through 1979 expresses overall mean season bag divided by overall mean season days.

ABPD after 1979 is the mean of individual hunter ratios of season bag to season days.

<sup>c</sup> Percent of active hunters hunting species unobtainable due to 1979 questionnaire error. Value is 1974-1978 mean.

<sup>d</sup> Values from 1989 forward include both regular (November opening to Jan. 31) and special early (9/15-10/15) season.

<sup>e</sup> Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.



## Kansas Lesser Prairie Chicken Harvest, 1975 - 2011.

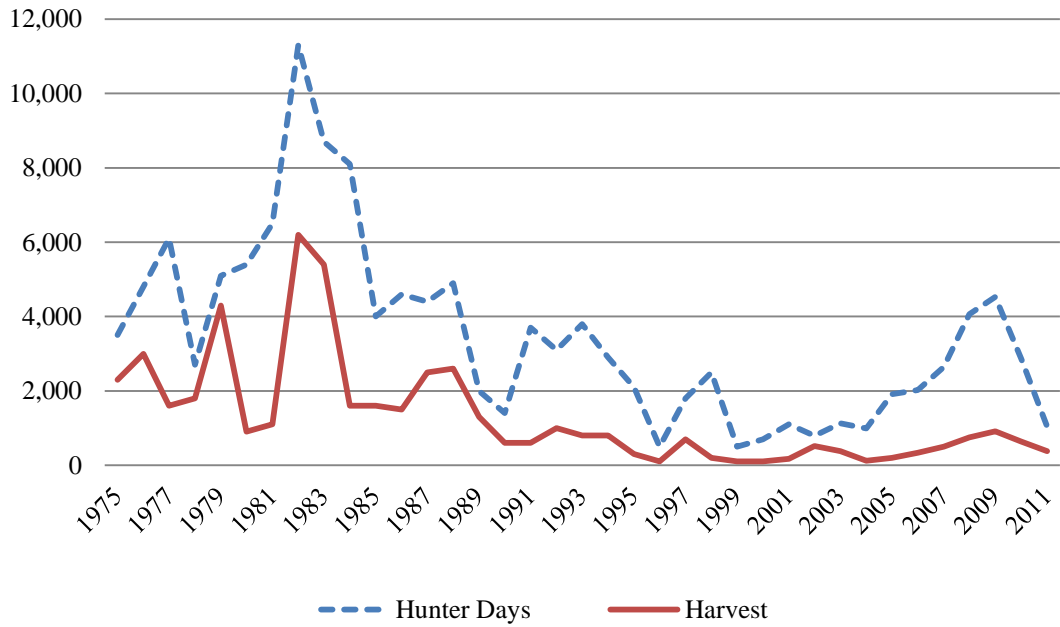


Table 6. Estimated annual **LESSER PRAIRIE CHICKEN** hunting activity in Kansas <sup>a</sup>.

| Year | Percent Hunting Species | Est. Total Hunters | Est. Total Days | Est. Total Harvest | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|------|-------------------------|--------------------|-----------------|--------------------|------------------------|-----------------------|------------------|
| 1975 | 1                       | 1,400              | 3,500           | 2,300              | 2.48                   | 1.67                  | 0.67             |
| 1976 | 1                       | 1,800              | 4,800           | 3,000              | 2.67                   | 1.64                  | 0.61             |
| 1977 | 1                       | 1,900              | 6,100           | 1,600              | 3.19                   | 0.89                  | 0.28             |
| 1978 | 1                       | 1,100              | 2,700           | 1,800              | 2.46                   | 1.63                  | 0.66             |
| 1979 | 1                       | 1,700              | 5,100           | 4,300              | 3.00                   | 2.55                  | 0.85             |
| 1980 | 1                       | 2,200              | 5,400           | 900                | 2.44                   | 0.41                  | 0.30             |
| 1981 | 1                       | 1,900              | 6,500           | 1,100              | 3.42                   | 0.58                  | 0.19             |
| 1982 | 1                       | 3,400              | 11,300          | 6,200              | 3.31                   | 1.81                  | 0.58             |
| 1983 | 1                       | 2,800              | 8,700           | 5,400              | 3.10                   | 1.91                  | 0.61             |
| 1984 | 1                       | 1,300              | 8,100           | 1,600              | 6.12                   | 1.24                  | 0.51             |
| 1985 | 1                       | 1,100              | 4,000           | 1,600              | 3.71                   | 1.50                  | 0.34             |
| 1986 | 1                       | 1,400              | 4,600           | 1,500              | 3.24                   | 1.06                  | 0.32             |
| 1987 | 1                       | 1,300              | 4,400           | 2,500              | 3.30                   | 1.90                  | 0.38             |
| 1988 | 1                       | 1,700              | 4,900           | 2,600              | 2.90                   | 1.55                  | 0.73             |
| 1989 | 0                       | 800                | 2,000           | 1,300              | 2.50                   | 1.60                  | 0.54             |
| 1990 | 0                       | 400                | 1,400           | 600                | 3.17                   | 1.33                  | 0.49             |
| 1991 | 0                       | 800                | 3,700           | 600                | 4.36                   | 0.73                  | 0.32             |
| 1992 | 1                       | 1,100              | 3,100           | 1,000              | 2.80                   | 0.80                  | 0.51             |
| 1993 | 1                       | 1,200              | 3,800           | 800                | 3.07                   | 0.64                  | 0.14             |
| 1994 | 0                       | 800                | 2,900           | 800                | 5.00                   | 1.00                  | 0.27             |
| 1995 | 0                       | 500                | 2,100           | 300                | 3.83                   | 0.50                  | 0.06             |
| 1996 | 0                       | 200                | 500             | 100                | 2.00                   | 0.00                  | 0.00             |
| 1997 | 0                       | 600                | 1,800           | 700                | 2.80                   | 1.10                  | 0.42             |
| 1998 | 0                       | 300                | 2,500           | 200                | 7.83                   | 0.67                  | 0.31             |
| 1999 | 0                       | 200                | 500             | 100                | 2.25                   | 0.50                  | 0.38             |
| 2000 | 0                       | 300                | 700             | 100                | 2.20                   | 0.40                  | 0.30             |
| 2001 | 0                       | 330                | 1,100           | 170                | 3.55                   | 0.55                  | 0.18             |
| 2002 | 0                       | 300                | 790             | 520                | 2.25                   | 1.50                  | 0.68             |
| 2003 | 0                       | 530                | 1,130           | 380                | 2.14                   | 0.71                  | 0.33             |
| 2004 | 0                       | 250                | 990             | 120                | 4.00                   | 0.50                  | 0.50             |
| 2005 | 0                       | 500                | 1,910           | 200                | 3.80                   | 0.40                  | 0.40             |
| 2006 | 0                       | 650                | 2,020           | 340                | 3.09                   | 0.52                  | 0.23             |
| 2007 | 1                       | 830                | 2,640           | 500                | 3.18                   | 0.59                  | 0.22             |
| 2008 | 1                       | 720                | 4,060           | 750                | 5.51                   | 1.00                  | 0.20             |
| 2009 | 1                       | 770                | 4,530           | 910                | 5.95                   | 1.19                  | 0.30             |
| 2010 | 1                       | 1,226              | 2,863           | 633                | 3.19                   | 0.52                  | 0.23             |
| 2011 | 0                       | 503                | 1,041           | 378                | 3.00                   | 0.75                  | 0.31             |

<sup>a</sup> Wide annual variation is caused by low sample size for this species.

<sup>b</sup> Percent of active hunters hunting species unobtainable due to 1979 questionnaire error. Value is 1974-1978 mean.

<sup>c</sup> Average Bag Per Day through 1979 expresses overall mean season bag divided by overall mean season days.

ABPD after 1979 is the mean of individual hunter ratios of season bag to season days.

<sup>d</sup> Values from 1992-1994 include both regular (November opening to Jan. 31) and special early (9/15-10/15) season.

<sup>e</sup> Season length reduced and with daily bag set at 1.

<sup>f</sup> Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

## Kansas Cottontail Harvest, 1958 - 2010.

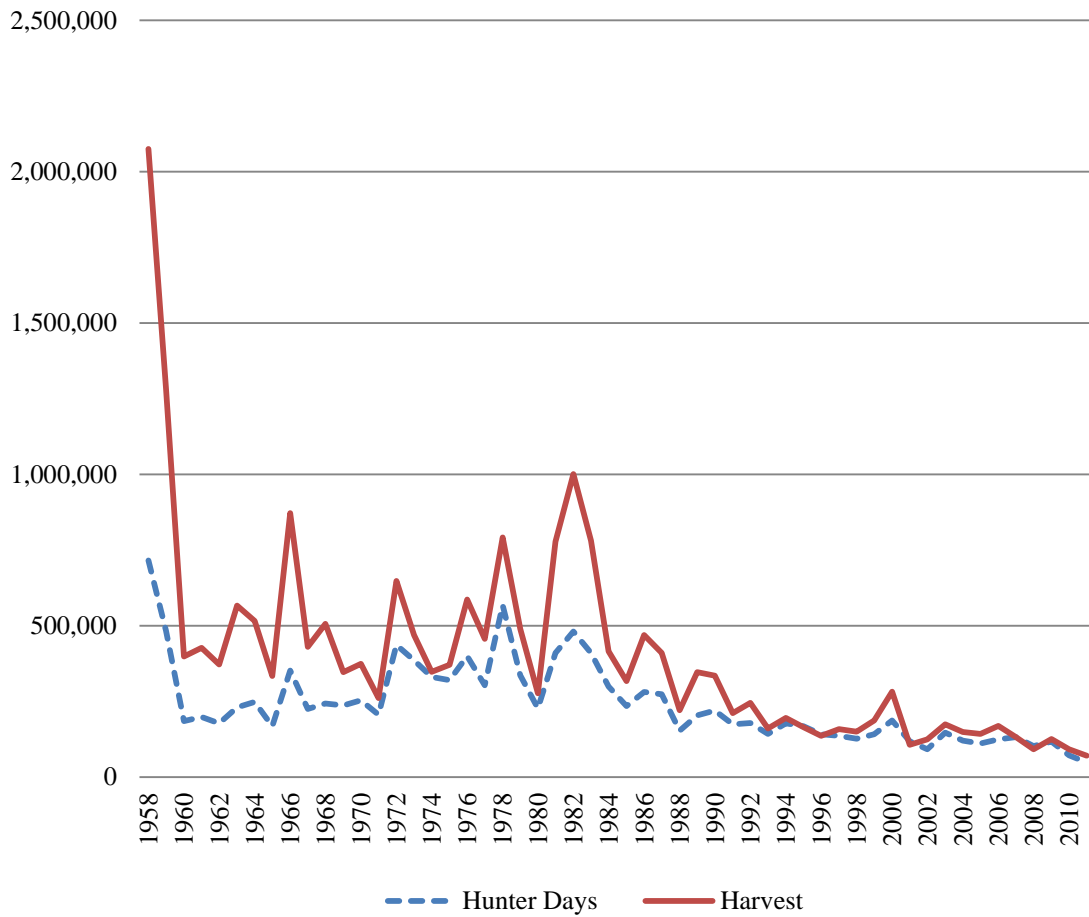


Table 7. Estimated annual **COTTONTAIL** hunting activity in Kansas.

| Year | Percent Hunting Species | Est. Total Hunters | Est. Total Days | Est. Total Harvest | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|------|-------------------------|--------------------|-----------------|--------------------|------------------------|-----------------------|------------------|
| 1958 | 56                      | 129,200            | 716,000         | 2,075,000          | 5.54                   | 16.06                 | 2.90             |
| 1959 | 38                      | 87,600             | 483,000         | 1,282,000          | 5.51                   | 14.63                 | 2.66             |
| 1960 | 19                      | 41,800             | 185,000         | 398,000            | 4.43                   | 9.53                  | 2.15             |
| 1961 | 25                      | 51,800             | 198,000         | 427,000            | 3.83                   | 8.24                  | 2.15             |
| 1962 | 22                      | 42,600             | 177,000         | 372,000            | 4.16                   | 8.74                  | 2.10             |
| 1963 | 34                      | 60,500             | 230,000         | 566,000            | 3.80                   | 9.35                  | 2.46             |
| 1964 | 33                      | 57,500             | 248,000         | 516,000            | 4.31                   | 8.97                  | 2.08             |
| 1965 | 24                      | 41,700             | 168,000         | 334,000            | 4.04                   | 8.00                  | 1.98             |
| 1966 | 40                      | 79,100             | 352,000         | 872,000            | 4.45                   | 11.02                 | 2.48             |
| 1967 | 28                      | 57,700             | 225,000         | 430,000            | 3.90                   | 7.45                  | 1.92             |
| 1968 | 33                      | 64,700             | 243,000         | 506,000            | 3.76                   | 7.82                  | 2.08             |
| 1969 | 27                      | 56,900             | 237,000         | 347,000            | 4.17                   | 6.09                  | 1.46             |
| 1970 | 29                      | 60,300             | 254,000         | 374,000            | 4.21                   | 6.21                  | 1.48             |
| 1971 | 24                      | 49,100             | 206,000         | 261,000            | 4.20                   | 5.31                  | 1.69             |
| 1972 | 41                      | 86,700             | 436,000         | 648,000            | 5.03                   | 7.47                  | 1.93             |
| 1973 | 32                      | 69,300             | 386,000         | 469,000            | 5.57                   | 6.77                  | 1.68             |
| 1974 | 32                      | 67,100             | 331,000         | 348,000            | 4.94                   | 5.36                  | 1.45             |
| 1975 | 32                      | 63,900             | 320,000         | 371,000            | 5.01                   | 5.81                  | 1.65             |
| 1976 | 38                      | 76,500             | 399,000         | 587,000            | 5.21                   | 7.67                  | 1.89             |
| 1977 | 33                      | 67,900             | 303,000         | 456,000            | 4.46                   | 6.71                  | 1.94             |
| 1978 | 41                      | 87,400             | 568,000         | 792,000            | 6.50                   | 9.07                  | 2.21             |
| 1979 | 35                      | 79,700             | 336,000         | 489,000            | 4.22                   | 6.13                  | 1.96             |
| 1980 | 22                      | 49,900             | 227,000         | 277,000            | 4.55                   | 5.56                  | 1.50             |
| 1981 | 36                      | 84,100             | 410,000         | 778,000            | 4.88                   | 9.26                  | 2.26             |
| 1982 | 37                      | 92,500             | 481,000         | 1,001,000          | 5.20                   | 10.83                 | 2.67             |
| 1983 | 32                      | 77,500             | 410,000         | 781,000            | 5.29                   | 10.09                 | 2.32             |
| 1984 | 29                      | 55,700             | 299,000         | 415,000            | 5.37                   | 7.46                  | 1.70             |
| 1985 | 24                      | 45,000             | 234,000         | 317,000            | 5.20                   | 7.04                  | 1.71             |
| 1986 | 32                      | 62,800             | 281,000         | 469,000            | 4.47                   | 7.46                  | 2.10             |
| 1987 | 28                      | 55,600             | 274,000         | 410,000            | 4.92                   | 7.38                  | 2.01             |
| 1988 | 17                      | 32,000             | 153,000         | 221,000            | 4.79                   | 6.90                  | 1.77             |
| 1989 | 24                      | 41,900             | 204,000         | 346,000            | 4.86                   | 8.25                  | 1.87             |
| 1990 | 27                      | 47,500             | 220,000         | 335,000            | 4.63                   | 7.05                  | 1.96             |
| 1991 | 18                      | 33,100             | 174,000         | 211,000            | 5.26                   | 6.36                  | 1.73             |
| 1992 | 24                      | 40,900             | 178,000         | 245,000            | 4.35                   | 5.99                  | 1.66             |
| 1993 | 17                      | 29,500             | 142,000         | 160,000            | 4.81                   | 5.42                  | 1.53             |
| 1994 | 19                      | 35,900             | 177,000         | 195,000            | 4.92                   | 5.44                  | 1.52             |
| 1995 | 19                      | 34,000             | 168,000         | 165,000            | 4.95                   | 4.85                  | 1.25             |
| 1996 | 18                      | 28,700             | 141,000         | 136,000            | 4.90                   | 4.72                  | 1.32             |
| 1997 | 16                      | 27,200             | 136,000         | 158,000            | 5.01                   | 5.82                  | 1.58             |
| 1998 | 14                      | 24,300             | 127,000         | 150,000            | 5.22                   | 6.17                  | 1.67             |
| 1999 | 15                      | 27,800             | 141,000         | 187,000            | 5.07                   | 6.75                  | 1.61             |
| 2000 | 19                      | 36,100             | 187,000         | 282,000            | 5.18                   | 7.81                  | 1.95             |
| 2001 | 13                      | 21,200             | 118,000         | 106,000            | 5.56                   | 4.98                  | 1.21             |
| 2002 | 13                      | 20,900             | 92,000          | 124,000            | 4.43                   | 5.95                  | 1.49             |
| 2003 | 15                      | 25,200             | 147,000         | 174,000            | 5.83                   | 6.90                  | 1.55             |
| 2004 | 13                      | 23,300             | 120,000         | 149,000            | 5.14                   | 6.40                  | 1.68             |
| 2005 | 12                      | 21,700             | 111,000         | 142,000            | 5.13                   | 6.56                  | 1.57             |
| 2006 | 13                      | 21,400             | 125,000         | 169,000            | 5.85                   | 7.87                  | 1.56             |
| 2007 | 14                      | 22,200             | 132,000         | 132,000            | 5.96                   | 5.95                  | 1.23             |
| 2008 | 13                      | 17,300             | 102,000         | 92,000             | 5.72                   | 5.11                  | 1.10             |
| 2009 | 13                      | 21,000             | 117,000         | 126,000            | 5.57                   | 6.01                  | 1.52             |
| 2010 | 12                      | 18,432             | 72,014          | 91,287             | 5.34                   | 4.95                  | 1.29             |
| 2011 | 12                      | 14,977             | 48,847          | 71,068             | 4.73                   | 4.75                  | 1.24             |

<sup>a</sup> Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

<sup>b</sup> Average Bag Per Day through 1967 expresses overall mean season bag divided by overall mean season days.

ABPD after 1967 is the mean of individual hunter ratios of season bag to season days.

<sup>c</sup> Percent of active hunters hunting species unobtainable due to 1979 questionnaire error. Value is 1974-1978 mean.

<sup>d</sup> Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

## Kansas Squirrel Harvest, 1957 - 2010.

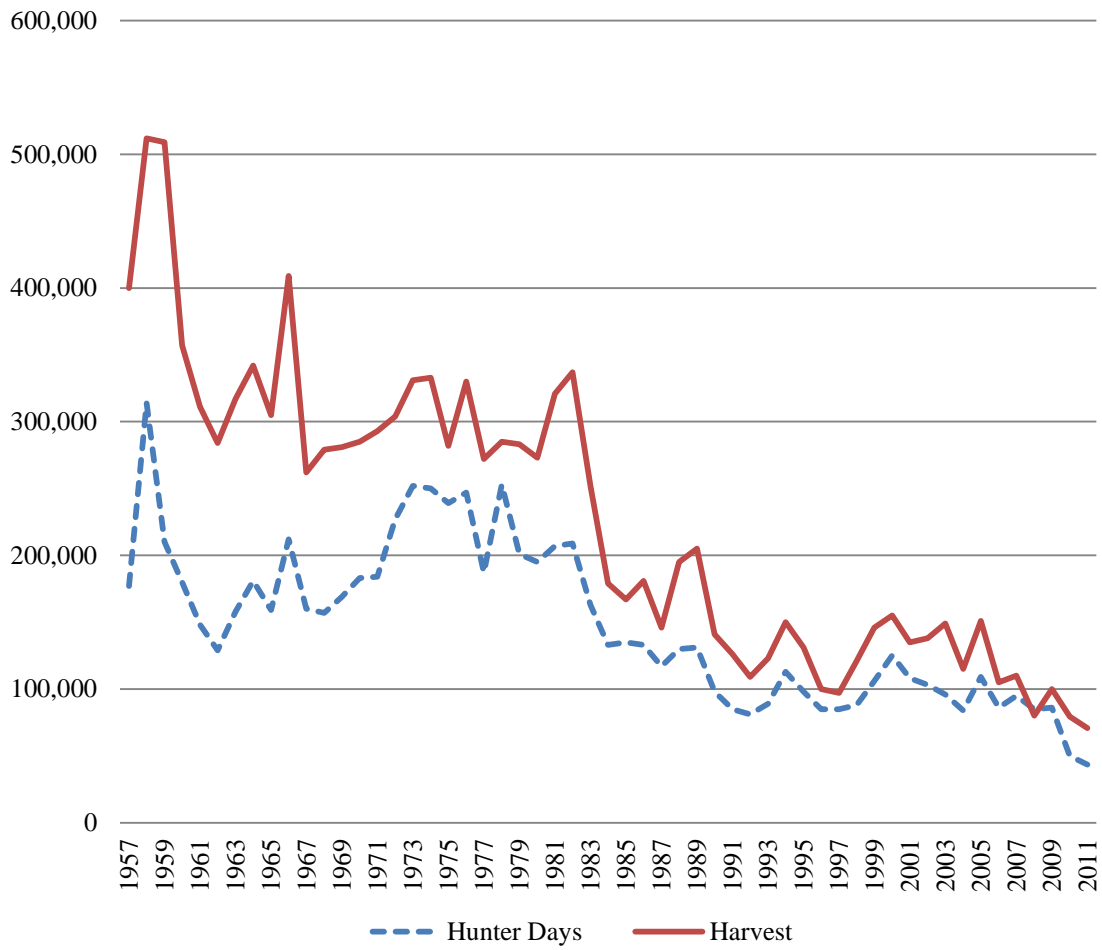


Table 8. Estimated annual **SQUIRREL** (Fox and Gray) hunting activity in Kansas.

| Year | Percent Hunting Species | Est. Total Hunters | Est. Total Days | Est. Total Harvest | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|------|-------------------------|--------------------|-----------------|--------------------|------------------------|-----------------------|------------------|
| 1957 | 21                      | 39,800             | 177,000         | 400,000            | 4.44                   | 10.06                 | 2.27             |
| 1958 | 28                      | 63,900             | 314,000         | 512,000            | 4.91                   | 8.01                  | 1.63             |
| 1959 | 22                      | 49,500             | 210,000         | 509,000            | 4.24                   | 10.29                 | 2.43             |
| 1960 | 20                      | 45,600             | 180,000         | 357,000            | 3.95                   | 7.82                  | 1.98             |
| 1961 | 19                      | 38,600             | 148,000         | 311,000            | 3.73                   | 8.06                  | 2.16             |
| 1962 | 18                      | 34,500             | 129,000         | 284,000            | 3.74                   | 8.23                  | 2.20             |
| 1963 | 23                      | 41,000             | 158,000         | 317,000            | 3.86                   | 7.72                  | 2.00             |
| 1964 | 25                      | 44,100             | 181,000         | 342,000            | 4.10                   | 7.75                  | 1.89             |
| 1965 | 22                      | 38,400             | 159,000         | 305,000            | 4.14                   | 7.95                  | 1.92             |
| 1966 | 23                      | 46,400             | 212,000         | 409,000            | 4.57                   | 8.82                  | 1.93             |
| 1967 | 21                      | 42,400             | 160,000         | 262,000            | 3.77                   | 6.19                  | 1.64             |
| 1968 | 21                      | 41,100             | 157,000         | 279,000            | 3.81                   | 6.78                  | 1.52             |
| 1969 | 21                      | 44,000             | 169,000         | 281,000            | 3.85                   | 6.39                  | 1.66             |
| 1970 | 22                      | 45,500             | 183,000         | 285,000            | 4.03                   | 6.27                  | 1.55             |
| 1971 | 21                      | 44,400             | 184,000         | 293,000            | 4.14                   | 6.60                  | 1.74             |
| 1972 | 23                      | 49,400             | 227,000         | 304,000            | 4.59                   | 6.16                  | 1.60             |
| 1973 | 23                      | 49,400             | 252,000         | 331,000            | 5.10                   | 6.70                  | 1.64             |
| 1974 | 25                      | 52,300             | 250,000         | 333,000            | 4.78                   | 6.56                  | 1.58             |
| 1975 | 24                      | 47,600             | 239,000         | 282,000            | 5.03                   | 5.93                  | 1.55             |
| 1976 | 24                      | 49,200             | 247,000         | 330,000            | 5.02                   | 6.70                  | 1.62             |
| 1977 | 21                      | 43,400             | 187,000         | 272,000            | 4.32                   | 6.27                  | 1.63             |
| 1978 | 20                      | 42,000             | 253,000         | 285,000            | 6.02                   | 6.74                  | 1.65             |
| 1979 | 23                      | 51,700             | 201,000         | 283,000            | 3.88                   | 5.48                  | 1.72             |
| 1980 | 17                      | 39,000             | 195,000         | 273,000            | 4.99                   | 6.99                  | 1.54             |
| 1981 | 18                      | 42,800             | 207,000         | 321,000            | 4.84                   | 7.50                  | 1.64             |
| 1982 | 16                      | 40,100             | 209,000         | 337,000            | 5.21                   | 8.40                  | 1.81             |
| 1983 | 14                      | 32,800             | 163,000         | 252,000            | 4.97                   | 7.68                  | 1.68             |
| 1984 | 15                      | 28,200             | 133,000         | 179,000            | 4.73                   | 6.34                  | 1.51             |
| 1985 | 16                      | 28,800             | 135,000         | 167,000            | 4.67                   | 5.79                  | 1.41             |
| 1986 | 13                      | 26,000             | 133,000         | 181,000            | 5.10                   | 6.98                  | 1.40             |
| 1987 | 13                      | 24,600             | 117,000         | 146,000            | 4.76                   | 5.92                  | 1.55             |
| 1988 | 13                      | 26,300             | 130,000         | 195,000            | 4.93                   | 7.39                  | 1.71             |
| 1989 | 16                      | 29,000             | 131,000         | 205,000            | 4.52                   | 7.09                  | 1.64             |
| 1990 | 13                      | 23,900             | 98,000          | 141,000            | 4.10                   | 5.90                  | 1.57             |
| 1991 | 11                      | 20,300             | 85,000          | 126,000            | 4.20                   | 6.21                  | 1.57             |
| 1992 | 10                      | 16,900             | 81,000          | 109,000            | 4.81                   | 6.45                  | 1.48             |
| 1993 | 10                      | 17,800             | 89,000          | 123,000            | 5.01                   | 6.90                  | 1.42             |
| 1994 | 11                      | 20,300             | 113,000         | 150,000            | 5.55                   | 7.38                  | 1.48             |
| 1995 | 11                      | 18,900             | 98,000          | 131,000            | 5.16                   | 6.91                  | 1.52             |
| 1996 | 10                      | 15,900             | 85,000          | 100,000            | 5.36                   | 6.28                  | 1.48             |
| 1997 | 11                      | 17,600             | 85,000          | 97,000             | 4.87                   | 5.53                  | 1.31             |
| 1998 | 10                      | 17,000             | 88,000          | 121,000            | 5.15                   | 7.12                  | 1.45             |
| 1999 | 11                      | 19,800             | 106,000         | 146,000            | 5.36                   | 7.39                  | 1.61             |
| 2000 | 12                      | 21,700             | 125,000         | 155,000            | 5.78                   | 7.13                  | 1.47             |
| 2001 | 11                      | 17,800             | 108,000         | 135,000            | 6.09                   | 7.58                  | 1.54             |
| 2002 | 13                      | 20,700             | 103,000         | 138,000            | 5.00                   | 6.67                  | 1.53             |
| 2003 | 10                      | 17,000             | 96,000          | 149,000            | 5.63                   | 8.72                  | 1.60             |
| 2004 | 10                      | 16,600             | 84,000          | 115,000            | 5.08                   | 6.92                  | 1.41             |
| 2005 | 11                      | 19,300             | 109,000         | 151,000            | 5.65                   | 7.82                  | 1.46             |
| 2006 | 8                       | 13,600             | 86,000          | 105,000            | 6.28                   | 7.72                  | 1.45             |
| 2007 | 10                      | 16,500             | 95,000          | 110,000            | 5.75                   | 6.65                  | 1.37             |
| 2008 | 11                      | 15,000             | 85,000          | 80,000             | 5.51                   | 5.11                  | 1.19             |
| 2009 | 8                       | 14,300             | 86,000          | 100,000            | 5.99                   | 7.00                  | 1.31             |
| 2010 | 8                       | 12,301             | 49,897          | 79,435             | 5.55                   | 6.46                  | 1.37             |
| 2011 | 9                       | 11,369             | 43,368          | 70,699             | 5.53                   | 6.22                  | 1.24             |

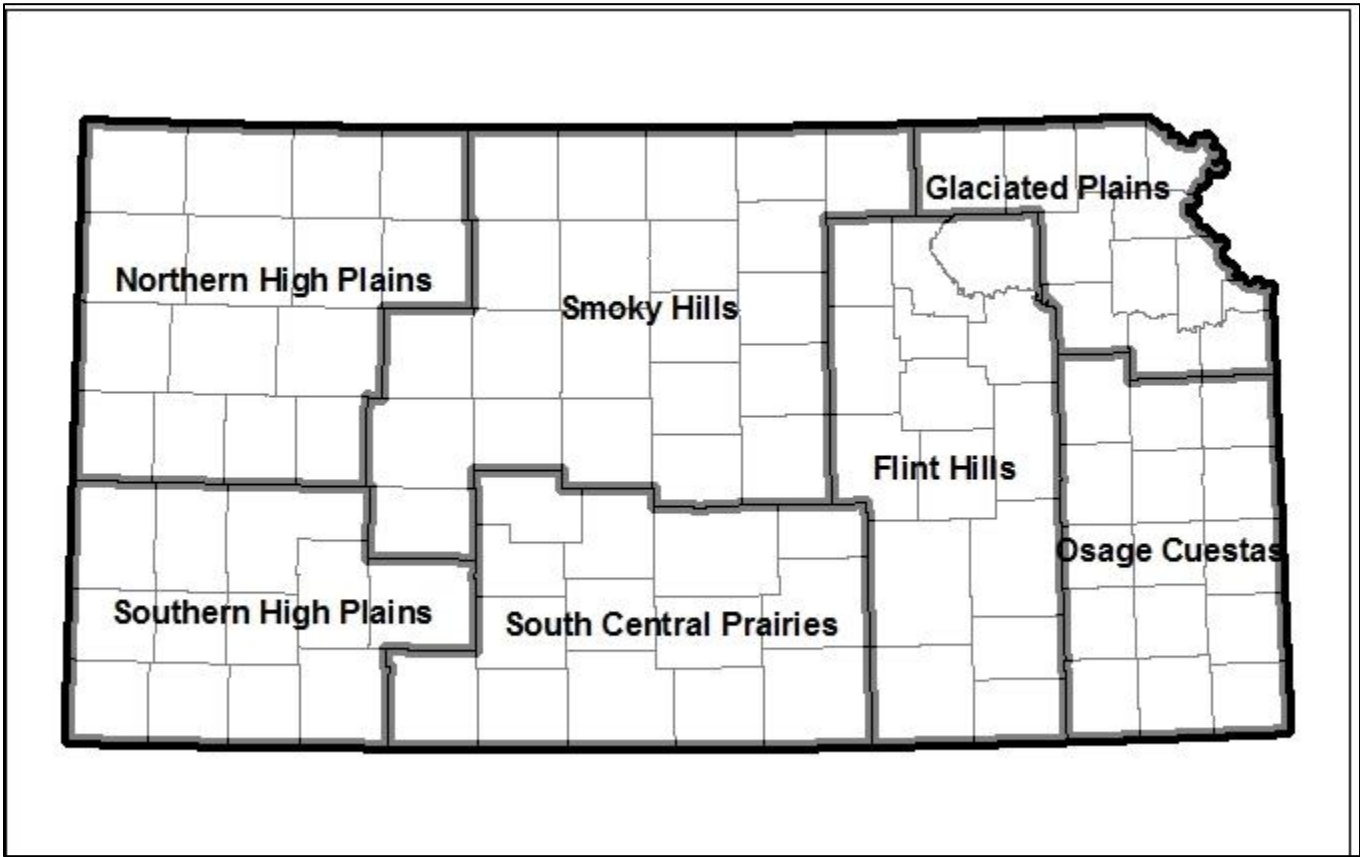
<sup>a</sup> Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

<sup>b</sup> Average Bag Per Day through 1967 expresses overall mean season bag divided by overall mean season days. ABPD after 1967 is the mean of individual hunter ratios of season bag to season days.

<sup>c</sup> Percent of active hunters hunting species unobtainable due to 1979 questionnaire error. Value is 1974-1978 mean.

<sup>d</sup> Season was extended 2 months to run from June 1 through the end of February.

<sup>e</sup> Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.



Kansas small game regions for all species

## Small Game Hunter Activity Tables 2010-2011

Table 9. All hunter activity for dove, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 916         | 38,429             | 112,355         | 747,538            | 63,598   | 4.24                   | 19.45                 | 4.80             |
| Northern High Plains                           | 68          | 2,853              | 7,490           | 65,320             | 16,585   | 3.81                   | 22.90                 | 6.31             |
| Southern High Plains                           | 62          | 2,601              | 10,131          | 89,216             | 32,777   | 5.65                   | 34.30                 | 5.76             |
| Smoky Hills                                    | 270         | 11,327             | 34,439          | 256,595            | 33,569   | 4.41                   | 22.65                 | 5.50             |
| South-Central Prairies                         | 168         | 7,048              | 18,307          | 126,907            | 22,730   | 3.77                   | 18.01                 | 5.05             |
| Flint Hills                                    | 140         | 5,873              | 15,415          | 85,499             | 17,141   | 3.81                   | 14.56                 | 3.97             |
| Glaciated Plains                               | 98          | 4,111              | 11,742          | 53,867             | 18,103   | 4.14                   | 13.10                 | 2.98             |
| Osage Cuestas                                  | 105         | 4,405              | 14,374          | 67,963             | 17,301   | 4.73                   | 15.43                 | 3.87             |
| County Unknown                                 | 5           | 210                | 289             | 2,098              | NA       | 2.00                   | 10.00                 | 5.00             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 835         | 41,391             | 128,036         | 807,631            | 74,167   | 4.39                   | 19.51                 | 4.58             |
| Northern High Plains                           | 54          | 2,677              | 7,690           | 61,666             | 18,732   | 4.07                   | 23.04                 | 5.92             |
| Southern High Plains                           | 55          | 2,726              | 11,790          | 101,236            | 38,379   | 6.13                   | 37.13                 | 5.73             |
| Smoky Hills                                    | 241         | 11,946             | 38,845          | 271,470            | 39,237   | 4.61                   | 22.72                 | 5.15             |
| South-Central Prairies                         | 153         | 7,584              | 20,764          | 137,161            | 26,518   | 3.88                   | 18.08                 | 4.88             |
| Flint Hills                                    | 135         | 6,692              | 18,317          | 97,109             | 19,852   | 3.88                   | 14.51                 | 3.88             |
| Glaciated Plains                               | 92          | 4,560              | 13,144          | 60,426             | 21,053   | 4.09                   | 13.25                 | 3.06             |
| Osage Cuestas                                  | 101         | 5,007              | 17,094          | 77,231             | 20,334   | 4.84                   | 15.43                 | 3.74             |
| County Unknown                                 | 4           | 198                | 280             | 1,983              | NA       | 2.00                   | 10.00                 | 5.00             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 81          | 2,542              | 4,592           | 47,878             | 7,630    | 2.74                   | 18.84                 | 7.11             |
| Northern High Plains                           | 14          | 439                | 808             | 9,821              | 3,827    | 2.79                   | 22.36                 | 7.80             |
| Southern High Plains                           | 7           | 220                | 290             | 2,824              | 1,525    | 2.00                   | 12.86                 | 5.97             |
| Smoky Hills                                    | 29          | 910                | 1,657           | 20,082             | 3,883    | 2.76                   | 22.07                 | 8.41             |
| South-Central Prairies                         | 15          | 471                | 808             | 8,095              | 2,803    | 2.60                   | 17.20                 | 6.79             |
| Flint Hills                                    | 5           | 157                | 186             | 2,479              | 2,829    | 1.80                   | 15.80                 | 6.40             |
| Glaciated Plains                               | 6           | 188                | 621             | 2,040              | 2,608    | 5.00                   | 10.83                 | 1.83             |
| Osage Cuestas                                  | 4           | 126                | 166             | 1,945              | 1,561    | 2.00                   | 15.50                 | 7.25             |
| County Unknown                                 | 1           | 31                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred



Table 10. All hunter activity for northernbobwhite quail, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 1,410       | 59,153             | 186,161         | 339,495            | 27,944   | 4.57                   | 5.74                  | 1.27             |
| Northern High Plains                           | 188         | 7,887              | 24,843          | 39,058             | 9,347    | 4.57                   | 4.95                  | 1.13             |
| Southern High Plains                           | 76          | 3,188              | 8,358           | 9,565              | 3,882    | 3.80                   | 3.00                  | 0.93             |
| Smoky Hills                                    | 545         | 22,864             | 68,600          | 131,186            | 16,695   | 4.35                   | 5.74                  | 1.26             |
| South-Central Prairies                         | 222         | 9,313              | 28,471          | 52,594             | 8,884    | 4.43                   | 5.65                  | 1.41             |
| Flint Hills                                    | 203         | 8,516              | 33,490          | 66,621             | 15,708   | 5.70                   | 7.82                  | 1.42             |
| Glaciated Plains                               | 84          | 3,524              | 8,763           | 13,760             | 4,190    | 3.61                   | 3.90                  | 1.00             |
| Osage Cuestas                                  | 76          | 3,188              | 11,771          | 23,410             | 5,497    | 5.36                   | 7.34                  | 1.58             |
| County Unknown                                 | 16          | 671                | 771             | 895                | 1,754    | 1.67                   | 1.33                  | 0.43             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 885         | 43,870             | 149,439         | 247,248            | 26,497   | 4.83                   | 5.64                  | 1.21             |
| Northern High Plains                           | 70          | 3,470              | 11,571          | 15,466             | 5,657    | 4.73                   | 4.46                  | 1.16             |
| Southern High Plains                           | 40          | 1,983              | 6,082           | 7,931              | 4,334    | 4.35                   | 4.00                  | 1.13             |
| Smoky Hills                                    | 329         | 16,309             | 54,148          | 93,292             | 16,013   | 4.71                   | 5.72                  | 1.18             |
| South-Central Prairies                         | 158         | 7,832              | 24,379          | 37,115             | 7,834    | 4.41                   | 4.74                  | 1.20             |
| Flint Hills                                    | 147         | 7,287              | 31,601          | 58,890             | 16,369   | 6.15                   | 8.08                  | 1.37             |
| Glaciated Plains                               | 70          | 3,470              | 8,774           | 12,740             | 4,299    | 3.59                   | 3.67                  | 0.94             |
| Osage Cuestas                                  | 64          | 3,173              | 11,885          | 20,175             | 5,250    | 5.31                   | 6.36                  | 1.43             |
| County Unknown                                 | 7           | 347                | 489             | 694                | 1,360    | 2.00                   | 2.00                  | 0.65             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 525         | 16,473             | 44,734          | 97,438             | 12,473   | 4.11                   | 5.91                  | 1.37             |
| Northern High Plains                           | 118         | 3,703              | 10,935          | 19,423             | 6,015    | 4.47                   | 5.25                  | 1.12             |
| Southern High Plains                           | 36          | 1,130              | 2,382           | 2,134              | 826      | 3.19                   | 1.89                  | 0.70             |
| Smoky Hills                                    | 216         | 6,778              | 17,045          | 39,065             | 7,311    | 3.81                   | 5.76                  | 1.38             |
| South-Central Prairies                         | 64          | 2,008              | 5,944           | 15,814             | 4,246    | 4.48                   | 7.88                  | 1.91             |
| Flint Hills                                    | 56          | 1,757              | 5,261           | 12,551             | 5,581    | 4.54                   | 7.14                  | 1.53             |
| Glaciated Plains                               | 14          | 439                | 1,077           | 2,228              | 1,580    | 3.71                   | 5.07                  | 1.27             |
| Osage Cuestas                                  | 12          | 377                | 1,388           | 4,738              | 2,174    | 5.58                   | 12.58                 | 2.38             |
| County Unknown                                 | 9           | 282                | 186             | NA                 | NA       | 1.00                   | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 11. All hunter activity for pheasant, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 2,220       | 93,135             | 294,556         | 475,170            | 28,584   | 4.59                   | 5.10                  | 1.19             |
| Northern High Plains                           | 600         | 25,172             | 87,168          | 188,366            | 20,460   | 5.02                   | 7.48                  | 1.52             |
| Southern High Plains                           | 199         | 8,349              | 24,336          | 35,386             | 5,711    | 4.23                   | 4.24                  | 1.13             |
| Smoky Hills                                    | 872         | 36,583             | 113,879         | 172,932            | 15,161   | 4.52                   | 4.73                  | 1.11             |
| South-Central Prairies                         | 302         | 12,670             | 37,751          | 50,679             | 8,708    | 4.32                   | 4.00                  | 1.02             |
| Flint Hills                                    | 138         | 5,789              | 21,653          | 16,331             | 3,182    | 5.43                   | 2.82                  | 0.79             |
| Glaciated Plains                               | 69          | 2,895              | 5,840           | 5,279              | 1,536    | 2.93                   | 1.82                  | 0.90             |
| Osage Cuestas                                  | 17          | 713                | 1,417           | 1,342              | 687      | 2.88                   | 1.88                  | 1.02             |
| County Unknown                                 | 23          | 965                | 2,348           | 4,087              | 1,766    | 3.53                   | 4.24                  | 1.24             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 1,286       | 63,748             | 225,616         | 324,479            | 28,473   | 5.02                   | 5.09                  | 1.10             |
| Northern High Plains                           | 258         | 12,789             | 51,526          | 109,529            | 19,910   | 5.71                   | 8.56                  | 1.53             |
| Southern High Plains                           | 108         | 5,354              | 19,611          | 23,843             | 5,729    | 5.19                   | 4.45                  | 0.96             |
| Smoky Hills                                    | 532         | 26,371             | 92,036          | 126,822            | 15,030   | 4.95                   | 4.81                  | 1.05             |
| South-Central Prairies                         | 210         | 10,410             | 32,580          | 42,333             | 9,681    | 4.44                   | 4.07                  | 1.00             |
| Flint Hills                                    | 96          | 4,759              | 21,290          | 13,969             | 3,353    | 6.34                   | 2.94                  | 0.71             |
| Glaciated Plains                               | 58          | 2,875              | 5,833           | 4,893              | 1,545    | 2.88                   | 1.70                  | 0.93             |
| Osage Cuestas                                  | 14          | 694                | 1,398           | 1,091              | 694      | 2.86                   | 1.57                  | 1.01             |
| County Unknown                                 | 10          | 496                | 1,359           | 1,542              | 978      | 3.89                   | 3.11                  | 0.78             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 934         | 29,307             | 77,165          | 150,007            | 11,465   | 3.99                   | 5.12                  | 1.31             |
| Northern High Plains                           | 342         | 10,731             | 31,884          | 71,563             | 8,596    | 4.50                   | 6.67                  | 1.51             |
| Southern High Plains                           | 91          | 2,855              | 5,760           | 11,357             | 2,234    | 3.06                   | 3.98                  | 1.35             |
| Smoky Hills                                    | 340         | 10,668             | 26,993          | 49,056             | 6,166    | 3.83                   | 4.60                  | 1.21             |
| South-Central Prairies                         | 92          | 2,887              | 7,726           | 11,103             | 2,184    | 4.05                   | 3.85                  | 1.07             |
| Flint Hills                                    | 42          | 1,318              | 2,907           | 3,375              | 1,090    | 3.34                   | 2.56                  | 0.96             |
| Glaciated Plains                               | 11          | 345                | 725             | 847                | 608      | 3.18                   | 2.45                  | 0.73             |
| Osage Cuestas                                  | 3           | 94                 | 186             | 314                | 246      | 3.00                   | 3.33                  | 1.07             |
| County Unknown                                 | 13          | 408                | 841             | 2,244              | 1,264    | 3.13                   | 5.50                  | 1.75             |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 12. All hunter activity for Greater Prairie Chicken, 2011 - 2012 regular season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 109         | 4,573              | 9,949           | 4,321              | 2,377    | 3.16                   | 0.94                  | 0.30             |
| Northern High Plains                           | 31          | 1,301              | 2,776           | 336                | 289      | 3.10                   | 0.26                  | 0.12             |
| Southern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Smoky Hills                                    | 49          | 2,056              | 4,743           | 2,895              | 2,263    | 3.35                   | 1.41                  | 0.39             |
| South-Central Prairies                         | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Flint Hills                                    | 26          | 1,091              | 2,227           | 965                | 573      | 2.96                   | 0.88                  | 0.33             |
| Glaciated Plains                               | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Osage Cuestas                                  | 3           | 126                | 202             | 126                | 142      | 2.33                   | 1.00                  | 0.47             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 58          | 2,875              | 6,432           | 3,966              | 2,715    | 3.17                   | 1.38                  | 0.37             |
| Northern High Plains                           | 11          | 545                | 1,119           | 149                | 208      | 2.91                   | 0.27                  | 0.05             |
| Southern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Smoky Hills                                    | 24          | 1,190              | 2,866           | 2,974              | 2,577    | 3.42                   | 2.50                  | 0.61             |
| South-Central Prairies                         | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Flint Hills                                    | 20          | 991                | 2,202           | 694                | 583      | 3.15                   | 0.70                  | 0.23             |
| Glaciated Plains                               | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Osage Cuestas                                  | 3           | 149                | 245             | 149                | 168      | 2.33                   | 1.00                  | 0.47             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 51          | 1,600              | 3,314           | 722                | 376      | 3.14                   | 0.45                  | 0.23             |
| Northern High Plains                           | 20          | 628                | 1,325           | 157                | 176      | 3.20                   | 0.25                  | 0.17             |
| Southern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Smoky Hills                                    | 25          | 784                | 1,698           | 282                | 215      | 3.28                   | 0.36                  | 0.18             |
| South-Central Prairies                         | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Flint Hills                                    | 6           | 188                | 290             | 282                | 208      | 2.33                   | 1.50                  | 0.67             |
| Glaciated Plains                               | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Osage Cuestas                                  | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 13. All hunter activity for Greater Prairie Chicken, 2011 - 2012 early season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 21          | 881                | 1,851           | 1,930              | 1,128    | 3.05                   | 2.19                  | 0.68             |
| Northern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Southern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Smoky Hills                                    | 10          | 420                | 1,388           | 1,636              | 913      | 4.80                   | 3.90                  | 0.98             |
| South-Central Prairies                         | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Flint Hills                                    | 8           | 336                | 376             | 294                | 290      | 1.63                   | 0.88                  | 0.56             |
| Glaciated Plains                               | 2           | 84                 | 58              | 0                  | 0        | 1.00                   | 0.00                  | 0.00             |
| Osage Cuestas                                  | 1           | 42                 | 29              | 0                  | NA       | 1.00                   | 0.00                  | 0.00             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 14          | 694                | 1,084           | 1,636              | 1,198    | 2.21                   | 2.36                  | 0.74             |
| Smoky Hills                                    | 5           | 248                | 629             | 1,289              | 888      | 3.60                   | 5.20                  | 1.16             |
| Flint Hills                                    | 6           | 297                | 350             | 347                | 316      | 1.67                   | 1.17                  | 0.75             |
| Glaciated Plains                               | 2           | 99                 | 70              | 0                  | 0        | 1.00                   | 0.00                  | 0.00             |
| Osage Cuestas                                  | 1           | 50                 | 35              | 0                  |          | 1.00                   | 0.00                  | 0.00             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 7           | 220                | 683             | 408                | 403      | 4.71                   | 1.86                  | 0.57             |
| Smoky Hills                                    | 5           | 157                | 621             | 408                | 359      | 6.00                   | 2.60                  | 0.80             |
| Flint Hills                                    | 2           | 63                 | 62              | 0                  | 0        | 1.50                   | 0.00                  | 0.00             |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 14. All hunter activity for Lesser Prairie Chicken, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 12          | 503                | 1,041           | 378                | 324      | 3.00                   | 0.75                  | 0.31             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 6           | 297                | 385             | 149                | 130      | 1.83                   | 0.50                  | 0.33             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 6           | 188                | 518             | 188                | 233      | 4.17                   | 1.00                  | 0.28             |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 15. All hunter activity for Woodcock, 2011 - 2012.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 5           | 210                | 202             | 84                 | 101      | 1.40                   | 0.40                  | 0.26             |
| Smoky Hills                                    | 1           | 42                 | 87              | 42                 | NA       | 3.00                   | 1.00                  | 0.30             |
| Flint Hills                                    | 1           | 42                 | 29              | 42                 | NA       | 1.00                   | 1.00                  | 1.00             |
| Glaciated Plains                               | 2           | 84                 | 58              | 0                  | 0        | 1.00                   | 0.00                  | 0.00             |
| Osage Cuestas                                  | 1           | 42                 | 29              | 0                  | NA       | 1.00                   | 0.00                  | 0.00             |
| Northern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Southern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| South-Central Prairies                         | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 16. All hunter activity for cottontail, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 357         | 14,977             | 48,847          | 71,068             | 11,702   | 4.73                   | 4.75                  | 1.24             |
| Northern High Plains                           | 29          | 1,217              | 2,950           | 4,363              | 2,873    | 3.52                   | 3.59                  | 1.05             |
| Southern High Plains                           | 23          | 965                | 4,888           | 9,313              | 5,453    | 7.35                   | 9.65                  | 1.69             |
| Smoky Hills                                    | 86          | 3,608              | 11,858          | 19,382             | 4,433    | 4.77                   | 5.37                  | 1.41             |
| South-Central Prairies                         | 47          | 1,972              | 5,437           | 5,286              | 1,642    | 4.00                   | 2.68                  | 0.96             |
| Flint Hills                                    | 52          | 2,182              | 8,965           | 8,349              | 2,504    | 5.96                   | 3.83                  | 0.96             |
| Glaciated Plains                               | 42          | 1,762              | 5,119           | 5,748              | 2,513    | 4.21                   | 3.26                  | 0.91             |
| Osage Cuestas                                  | 76          | 3,188              | 9,515           | 18,082             | 7,691    | 4.33                   | 5.67                  | 1.50             |
| County Unknown                                 | 2           | 84                 | 116             | 545                | 904      | 2.00                   | 6.50                  | 2.50             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 305         | 15,119             | 52,785          | 72,422             | 11,115   | 4.95                   | 4.79                  | 1.24             |
| Northern High Plains                           | 18          | 892                | 2,482           | 4,412              | 3,250    | 3.94                   | 4.94                  | 1.25             |
| Southern High Plains                           | 18          | 892                | 5,209           | 9,914              | 6,305    | 8.28                   | 11.11                 | 1.69             |
| Smoky Hills                                    | 64          | 3,173              | 11,815          | 19,828             | 4,875    | 5.28                   | 6.25                  | 1.52             |
| South-Central Prairies                         | 42          | 2,082              | 5,768           | 5,155              | 1,447    | 3.93                   | 2.48                  | 1.00             |
| Flint Hills                                    | 48          | 2,379              | 10,382          | 9,171              | 2,913    | 6.19                   | 3.85                  | 0.89             |
| Glaciated Plains                               | 42          | 2,082              | 6,187           | 6,791              | 2,970    | 4.21                   | 3.26                  | 0.91             |
| Osage Cuestas                                  | 71          | 3,520              | 10,802          | 16,507             | 4,626    | 4.35                   | 4.69                  | 1.42             |
| County Unknown                                 | 2           | 99                 | 140             | 644                | 1,069    | 2.00                   | 6.50                  | 2.50             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 52          | 1,632              | 3,707           | 7,311              | 5,251    | 3.44                   | 4.48                  | 1.23             |
| Northern High Plains                           | 11          | 345                | 642             | 471                | 379      | 2.82                   | 1.36                  | 0.73             |
| Southern High Plains                           | 5           | 157                | 414             | 690                | 502      | 4.00                   | 4.40                  | 1.68             |
| Smoky Hills                                    | 22          | 690                | 1,491           | 1,945              | 893      | 3.27                   | 2.82                  | 1.10             |
| South-Central Prairies                         | 5           | 157                | 476             | 690                | 862      | 4.60                   | 4.40                  | 0.58             |
| Flint Hills                                    | 4           | 126                | 269             | 439                | 382      | 3.25                   | 3.50                  | 1.75             |
| Glaciated Plains                               | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Osage Cuestas                                  | 5           | 157                | 414             | 3,075              | 5,034    | 4.00                   | 19.60                 | 2.70             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 17. All hunter activity for jackrabbit, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 74          | 3,104              | 12,176          | 22,361             | 10,718   | 5.69                   | 7.20                  | 1.42             |
| Northern High Plains                           | 16          | 671                | 2,256           | 2,475              | 1,610    | 4.88                   | 3.69                  | 0.83             |
| Southern High Plains                           | 26          | 1,091              | 5,206           | 15,355             | 9,854    | 6.92                   | 14.08                 | 2.20             |
| Smoky Hills                                    | 20          | 839                | 3,644           | 3,566              | 2,063    | 6.30                   | 4.25                  | 1.13             |
| South-Central Prairies                         | 8           | 336                | 839             | 755                | 606      | 3.63                   | 2.25                  | 1.09             |
| Flint Hills                                    | 1           | 42                 | 116             | 0                  | NA       | 4.00                   | 0.00                  | 0.00             |
| Glaciated Plains                               | 1           | 42                 | 29              | 0                  | NA       | 1.00                   | 0.00                  | 0.00             |
| Osage Cuestas                                  | 1           | 42                 | 29              | 84                 | NA       | 1.00                   | 2.00                  | 2.00             |
| County Unknown                                 | 1           | 42                 | 58              | 126                | NA       | 2.00                   | 3.00                  | 1.50             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 60          | 2,974              | 13,319          | 24,290             | 12,521   | 6.35                   | 8.17                  | 1.45             |
| Northern High Plains                           | 11          | 545                | 2,167           | 2,826              | 1,704    | 5.64                   | 5.18                  | 1.09             |
| Southern High Plains                           | 22          | 1,091              | 5,943           | 17,151             | 11,502   | 7.73                   | 15.73                 | 2.25             |
| Smoky Hills                                    | 16          | 793                | 4,090           | 3,420              | 2,386    | 7.31                   | 4.31                  | 0.91             |
| South-Central Prairies                         | 7           | 347                | 839             | 644                | 654      | 3.43                   | 1.86                  | 1.10             |
| Flint Hills                                    | 1           | 50                 | 140             | 0                  | NA       | 4.00                   | 0.00                  | 0.00             |
| Glaciated Plains                               | 1           | 50                 | 35              | 0                  | NA       | 1.00                   | 0.00                  | 0.00             |
| Osage Cuestas                                  | 1           | 50                 | 35              | 99                 | NA       | 1.00                   | 2.00                  | 2.00             |
| County Unknown                                 | 1           | 50                 | 70              | 149                | NA       | 2.00                   | 3.00                  | 1.50             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 14          | 439                | 828             | 1,349              | 736      | 2.86                   | 3.07                  | 1.28             |
| Northern High Plains                           | 5           | 157                | 331             | 63                 | 75       | 3.20                   | 0.40                  | 0.26             |
| Southern High Plains                           | 4           | 126                | 207             | 628                | 460      | 2.50                   | 5.00                  | 1.90             |
| Smoky Hills                                    | 4           | 126                | 186             | 502                | 402      | 2.25                   | 4.00                  | 2.00             |
| South-Central Prairies                         | 1           | 31                 | 104             | 157                | NA       | 5.00                   | 5.00                  | 1.00             |
| Glaciated Plains                               | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Flint Hills                                    | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Osage Cuestas                                  | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 18. All hunter activity for squirrel, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 271         | 11,369             | 43,368          | 70,699             | 12,909   | 5.53                   | 6.22                  | 1.24             |
| Northern High Plains                           | 2           | 84                 | 318             | 461                | 82       | 5.50                   | 5.50                  | 1.10             |
| Southern High Plains                           | 1           | 42                 | 578             | 839                |          | 20.00                  | 20.00                 | 1.00             |
| Smoky Hills                                    | 25          | 1,049              | 3,152           | 3,608              | 1,720    | 4.36                   | 3.44                  | 1.00             |
| South-Central Prairies                         | 30          | 1,259              | 2,632           | 3,021              | 943      | 3.03                   | 2.40                  | 0.97             |
| Flint Hills                                    | 50          | 2,098              | 10,845          | 14,641             | 6,201    | 7.50                   | 6.98                  | 1.08             |
| Glaciated Plains                               | 72          | 3,021              | 11,366          | 20,305             | 9,282    | 5.46                   | 6.72                  | 1.28             |
| Osage Cuestas                                  | 90          | 3,776              | 14,316          | 27,563             | 5,678    | 5.50                   | 7.30                  | 1.48             |
| County Unknown                                 | 1           | 42                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 260         | 12,888             | 51,269          | 81,659             | 15,177   | 5.64                   | 6.34                  | 1.24             |
| Northern High Plains                           | 2           | 99                 | 385             | 545                | 97       | 5.50                   | 5.50                  | 1.10             |
| Southern High Plains                           | 1           | 50                 | 699             | 991                |          | 20.00                  | 20.00                 | 1.00             |
| Smoky Hills                                    | 21          | 1,041              | 3,391           | 3,966              | 1,984    | 4.62                   | 3.81                  | 1.08             |
| South-Central Prairies                         | 30          | 1,487              | 3,181           | 3,569              | 1,115    | 3.03                   | 2.40                  | 0.97             |
| Flint Hills                                    | 48          | 2,379              | 12,794          | 16,854             | 7,313    | 7.63                   | 7.08                  | 1.07             |
| Glaciated Plains                               | 72          | 3,569              | 13,738          | 23,992             | 10,967   | 5.46                   | 6.72                  | 1.28             |
| Osage Cuestas                                  | 85          | 4,213              | 16,884          | 31,428             | 6,595    | 5.68                   | 7.46                  | 1.44             |
| County Unknown                                 | 1           | 50                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 11          | 345                | 683             | 1,192              | 828      | 3.00                   | 3.45                  | 1.43             |
| Northern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Southern High Plains                           | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Smoky Hills                                    | 4           | 126                | 249             | 188                | 159      | 3.00                   | 1.50                  | 0.58             |
| South-Central Prairies                         | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Flint Hills                                    | 2           | 63                 | 186             | 282                | 308      | 4.50                   | 4.50                  | 1.30             |
| Glaciated Plains                               | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| Osage Cuestas                                  | 5           | 157                | 249             | 722                | 763      | 2.40                   | 4.60                  | 2.16             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred



Table 19. Mean number of Upland Game hunting days and the proportion that occurred on Public Land.

| Year              | Sample <sup>a</sup><br>Active<br>Hunters | Mean No.<br>Upland<br>Days | Mean No.<br>Public Upland<br>Days | Percent<br>on Public<br>Land |
|-------------------|--|----------------------------|-----------------------------------|------------------------------|
| 1980              | 3,269                                    | 9.58                       | 1.75                              | 18.22                        |
| 1981              | 3,058                                    | 11.13                      | 1.74                              | 15.63                        |
| 1982              | 3,047                                    | 11.44                      | 1.71                              | 14.95                        |
| 1983              | 2,735                                    | 10.16                      | 1.69                              | 16.64                        |
| 1984              | 2,429                                    | 8.87                       | 1.34                              | 15.07                        |
| 1985              | 2,386                                    | 9.79                       | 1.52                              | 15.49                        |
| 1986              | 2,333                                    | 10.96                      | 1.49                              | 13.58                        |
| 1987              | 2,937                                    | 10.16                      | 1.38                              | 13.55                        |
| 1988              | 2,518                                    | 10.31                      | 1.50                              | 14.60                        |
| 1989              | 2,240                                    | 10.58                      | 1.44                              | 13.63                        |
| 1990              | 2,449                                    | 11.49                      | 1.59                              | 13.85                        |
| 1991              | 2,401                                    | 10.94                      | 1.41                              | 12.93                        |
| 1992              | 2,200                                    | 9.89                       | 1.43                              | 14.43                        |
| 1993              | 1,945                                    | 9.58                       | 1.24                              | 12.99                        |
| 1994              | 1,983                                    | 10.71                      | 1.29                              | 12.04                        |
| 1995              | 2,007                                    | 9.04                       | 1.34                              | 14.83                        |
| 1996              | 1,971                                    | 9.24                       | 1.58                              | 17.10                        |
| 1997              | 2,615                                    | 9.62                       | 1.61                              | 16.77                        |
| 1998              | 3,292                                    | 9.49                       | 1.51                              | 15.91                        |
| 1999              | 3,430                                    | 9.46                       | 1.99                              | 21.04                        |
| 2000              | 2,891                                    | 9.23                       | 2.29                              | 24.81                        |
| 2001              | 2,449                                    | 7.46                       | 1.76                              | 23.59                        |
| 2002              | 1,823                                    | 8.48                       | 2.21                              | 26.06                        |
| 2003              | 2,230                                    | 8.23                       | 1.84                              | 22.36                        |
| 2004              | 2,116                                    | 8.15                       | 1.97                              | 24.17                        |
| 2005              | 1,743                                    | 7.21                       | 1.94                              | 26.92                        |
| 2006 <sup>c</sup> | 2,383                                    | 7.49                       | 1.73                              | 23.10                        |
| 2007              | 3,322                                    | 8.23                       | 1.85                              | 22.53                        |
| 2008              | 2,930                                    | 6.77                       | 1.49                              | 22.00                        |
| 2009              | 4,509                                    | 6.93                       | 1.52                              | 21.92                        |
| 2010              | 4,156                                    | 7.21                       | 1.63                              | 22.62                        |
| 2011              | 2,951                                    | 6.58                       | 1.44                              | 21.88                        |

<sup>a</sup> Hunters reporting some small game activity. Values from 1980-2005 are for Resident hunters only.

<sup>b</sup> From the 1995 start of the statewide Walk-In-Hunting Area (WIHA) program, the question indicated hunters should not include WIHA as public land. However, inclusion of WIHA does occur to an unknown degree.

<sup>c</sup> Electronic licensing permitted random sampling of Non-Residents for the 1st time. Values after 2005 are weighted means of both Resident and Non-Resident hunters.

Table 20. Number and percent of non-residents respondents by state of residence  
2011 - 2012.

| State          | Number | Percent | State          | Number | Percent |
|----------------|--------|---------|----------------|--------|---------|
| Colorado       | 351    | 15.64   | South Carolina | 22     | 0.98    |
| Texas          | 293    | 13.06   | Arizona        | 21     | 0.94    |
| Missouri       | 229    | 10.20   | Utah           | 21     | 0.94    |
| Oklahoma       | 184    | 8.20    | Virginia       | 20     | 0.89    |
| Arkansas       | 160    | 7.13    | New Jersey     | 15     | 0.67    |
| Minnesota      | 70     | 3.12    | Wyoming        | 13     | 0.58    |
| Louisiana      | 68     | 3.03    | Alaska         | 10     | 0.45    |
| Georgia        | 52     | 2.32    | South Dakota   | 10     | 0.45    |
| Nebraska       | 50     | 2.23    | Maryland       | 9      | 0.40    |
| Michigan       | 49     | 2.18    | Montana        | 8      | 0.36    |
| Wisconsin      | 48     | 2.14    | Washington     | 8      | 0.36    |
| Alabama        | 45     | 2.01    | Oregon         | 6      | 0.27    |
| Mississippi    | 45     | 2.01    | Vermont        | 6      | 0.27    |
| North Carolina | 45     | 2.01    | Canada         | 5      | 0.22    |
| Illinois       | 42     | 1.87    | Massachusetts  | 5      | 0.22    |
| Pennsylvania   | 38     | 1.69    | West Virginia  | 5      | 0.22    |
| Tennessee      | 38     | 1.69    | Idaho          | 4      | 0.18    |
| Florida        | 36     | 1.60    | Maine          | 4      | 0.18    |
| Iowa           | 35     | 1.56    | Connecticut    | 3      | 0.13    |
| New Mexico     | 31     | 1.38    | Nevada         | 3      | 0.13    |
| New York       | 28     | 1.25    | North Dakota   | 3      | 0.13    |
| Kentucky       | 27     | 1.20    | Delaware       | 1      | 0.04    |
| Ohio           | 27     | 1.20    | New Hampshire  | 1      | 0.04    |
| California     | 25     | 1.11    | Hawaii         | 0      | 0.00    |
| Indiana        | 23     | 1.02    | Rhode Island   | 0      | 0.00    |

Table 21. Regional breakdown of hunting activity as indicated by sample sizes for the 2011 - 2012 season. State values in ( ) indicate percent of the total active respondents. Regional values in ( ) indicate percent of the state total for the species.

| Region   | Doves     | Bobwhite   | Pheasant   | <sup>a</sup> Greater<br>Prairie<br>Chicken<br>(Regular) | <sup>a</sup> Lesser<br>Prairie<br>Chicken | Cottontail | Jackrabbit | Squirrel  |
|--|-----------|------------|------------|---|---|------------|------------|-----------|
| <u>All Hunters (Resident and Non-Resident)</u> |           |            |            |   |   |            |            |           |
| State  | 916 ( 33) | 1410 ( 50) | 2220 ( 79) | 109 ( 4)  | 12 ( 0)                                   | 357 ( 13)  | 74 ( 3)    | 271 ( 10) |
| Flint Hills                                    | 140 ( 15) | 203 ( 14)  | 138 ( 6)   | 26 ( 24)  | NA  | 52 ( 15)   | 1 ( 1)     | 50 ( 18)  |
| Glaciated Plains                               | 98 ( 11)  | 84 ( 6)    | 69 ( 3)    | NA  | NA  | 42 ( 12)   | 1 ( 1)     | 72 ( 27)  |
| Northern High Plains                           | 68 ( 7)   | 188 ( 13)  | 600 ( 27)  | 31 ( 28)  | 2 ( 17)                                   | 29 ( 8)    | 16 ( 22)   | 2 ( 1)    |
| Osage Cuestas                                  | 105 ( 11) | 76 ( 5)    | 17 ( 1)    | 3 ( 3)  | NA  | 76 ( 21)   | 1 ( 1)     | 90 ( 33)  |
| Smoky Hills                                    | 270 ( 29) | 545 ( 39)  | 872 ( 39)  | 49 ( 45)  | 3 ( 25)                                   | 86 ( 24)   | 20 ( 27)   | 25 ( 9)   |
| South-Central Prairies                         | 168 ( 18) | 222 ( 16)  | 302 ( 14)  | NA  | 5 ( 42)                                   | 47 ( 13)   | 8 ( 11)    | 30 ( 11)  |
| Southern High Plains                           | 62 ( 7)   | 76 ( 5)    | 199 ( 9)   | NA  | 2 ( 17)                                   | 23 ( 6)    | 26 ( 35)   | 1 ( 0)    |
| Unknown County                                 | 5 ( 1)    | 16 ( 1)    | 23 ( 1)    | NA  | NA  | 2 ( 1)     | 1 ( 1)     | 1 ( 0)    |
| <u>Residents</u>                               |           |            |            |   |   |            |            |           |
| State  | 835 ( 47) | 885 ( 50)  | 1286 ( 73) | 58 ( 3)   | 6 ( 0)                                    | 305 ( 17)  | 60 ( 3)    | 260 ( 15) |
| Flint Hills                                    | 135 ( 16) | 147 ( 17)  | 96 ( 7)    | 20 ( 34)  | NA  | 48 ( 16)   | 1 ( 2)     | 48 ( 18)  |
| Glaciated Plains                               | 92 ( 11)  | 70 ( 8)    | 58 ( 5)    | NA  | NA  | 42 ( 14)   | 1 ( 2)     | 72 ( 28)  |
| Northern High Plains                           | 54 ( 6)   | 70 ( 8)    | 258 ( 20)  | 11 ( 19)  | 1 ( 17)                                   | 18 ( 6)    | 11 ( 18)   | 2 ( 1)    |
| Osage Cuestas                                  | 101 ( 12) | 64 ( 7)    | 14 ( 1)    | 3 ( 5)  | NA  | 71 ( 23)   | 1 ( 2)     | 85 ( 33)  |
| Smoky Hills                                    | 241 ( 29) | 329 ( 37)  | 532 ( 41)  | 24 ( 41)  | 2 ( 33)                                   | 64 ( 21)   | 16 ( 27)   | 21 ( 8)   |
| South-Central Prairies                         | 153 ( 18) | 158 ( 18)  | 210 ( 16)  | NA  | 2 ( 33)                                   | 42 ( 14)   | 7 ( 12)    | 30 ( 12)  |
| Southern High Plains                           | 55 ( 7)   | 40 ( 5)    | 108 ( 8)   | NA  | 1 ( 17)                                   | 18 ( 6)    | 22 ( 37)   | 1 ( 0)    |
| Unknown County                                 | 4 ( 0)    | 7 ( 1)     | 10 ( 1)    | NA  | NA  | 2 ( 1)     | 1 ( 2)     | 1 ( 0)    |
| <u>Non-Residents</u>                           |           |            |            |   |   |            |            |           |
| State  | 81 ( 8)   | 525 ( 51)  | 934 ( 91)  | 51 ( 5)   | 6 ( 1)                                    | 52 ( 5)    | 14 ( 1)    | 11 ( 1)   |
| Flint Hills                                    | 5 ( 6)    | 56 ( 11)   | 42 ( 4)    | 6 ( 12)   | NA  | 4 ( 8)     | NA         | 2 ( 18)   |
| Glaciated Plains                               | 6 ( 7)    | 14 ( 3)    | 11 ( 1)    | NA  | NA  | NA         | NA         | NA        |
| Northern High Plains                           | 14 ( 17)  | 118 ( 22)  | 342 ( 37)  | 20 ( 39)  | 1 ( 17)                                   | 11 ( 21)   | 5 ( 36)    | NA        |
| Osage Cuestas                                  | 4 ( 5)    | 12 ( 2)    | 3 ( 0)     | NA  | NA  | 5 ( 10)    | NA         | 5 ( 45)   |
| Smoky Hills                                    | 29 ( 36)  | 216 ( 41)  | 340 ( 36)  | 25 ( 49)  | 1 ( 17)                                   | 22 ( 42)   | 4 ( 29)    | 4 ( 36)   |
| South-Central Prairies                         | 15 ( 19)  | 64 ( 12)   | 92 ( 10)   | NA  | 3 ( 50)                                   | 5 ( 10)    | 1 ( 7)     | NA        |
| Southern High Plains                           | 7 ( 9)    | 36 ( 7)    | 91 ( 10)   | NA  | 1 ( 17)                                   | 5 ( 10)    | 4 ( 29)    | NA        |
| Unknown County                                 | 1 ( 1)    | 9 ( 2)     | 13 ( 1)    | NA  | NA  | NA         | NA         | NA        |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Prairie Chickens were calculated by historic counties dominated by either species (see introduction for list of counties).

## Prairie Dog Hunter Activity Tables

Table 22. All hunter activity for prairie dog, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 171         | 7,174              | 18,307          | 161,164            | 35,883   | 3.70                   | 22.47                 | 9.00             |
| Northern High Plains                           | 55          | 2,307              | 4,396           | 50,763             | 22,317   | 2.76                   | 22.00                 | 9.17             |
| Southern High Plains                           | 55          | 2,307              | 8,965           | 49,224             | 19,333   | 5.64                   | 21.33                 | 8.06             |
| Smoky Hills                                    | 31          | 1,301              | 2,256           | 36,960             | 15,972   | 2.52                   | 28.42                 | 12.64            |
| South-Central Prairies                         | 26          | 1,091              | 2,429           | 19,198             | 11,913   | 3.23                   | 17.60                 | 5.64             |
| County Unknown                                 | 4           | 168                | 260             | 4,405              | 5,476    | 2.25                   | 26.25                 | 10.75            |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 133         | 6,593              | 19,016          | 125,693            | 32,080   | 4.09                   | 19.07                 | 6.72             |
| Northern High Plains                           | 41          | 2,032              | 4,300           | 45,568             | 22,004   | 3.00                   | 22.42                 | 8.66             |
| Southern High Plains                           | 45          | 2,231              | 9,998           | 38,493             | 16,620   | 6.36                   | 17.26                 | 4.57             |
| Smoky Hills                                    | 24          | 1,190              | 2,132           | 28,751             | 14,577   | 2.54                   | 24.17                 | 10.15            |
| South-Central Prairies                         | 21          | 1,041              | 2,412           | 11,295             | 6,461    | 3.29                   | 10.85                 | 3.25             |
| County Unknown                                 | 2           | 99                 | 175             | 1,140              | 1,652    | 2.50                   | 11.50                 | 5.50             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 38          | 1,192              | 1,843           | 40,640             | 16,765   | 2.34                   | 34.08                 | 16.78            |
| Northern High Plains                           | 14          | 439                | 601             | 9,124              | 9,544    | 2.07                   | 20.77                 | 10.68            |
| Southern High Plains                           | 10          | 314                | 497             | 12,237             | 9,269    | 2.40                   | 39.00                 | 23.22            |
| Smoky Hills                                    | 7           | 220                | 352             | 9,445              | 7,579    | 2.43                   | 43.00                 | 21.19            |
| South-Central Prairies                         | 5           | 157                | 311             | 6,997              | 6,966    | 3.00                   | 44.60                 | 15.22            |
| County Unknown                                 | 2           | 63                 | 83              | 2,573              | 4,182    | 2.00                   | 41.00                 | 16.00            |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

## Coyote Hunter Activity Tables

Table 23. All hunter activity for all coyote, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 623         | 26,136             | 212,817         | 105,219            | 20,621   | 11.81                  | 4.03                  | 0.49             |
| Northern High Plains                           | 63          | 2,643              | 7,086           | 4,825              | 2,355    | 3.89                   | 1.83                  | 0.50             |
| Southern High Plains                           | 41          | 1,720              | 8,792           | 10,656             | 7,897    | 7.41                   | 6.20                  | 0.73             |
| Smoky Hills                                    | 140         | 5,873              | 56,222          | 21,731             | 8,968    | 13.89                  | 3.70                  | 0.48             |
| South-Central Prairies                         | 92          | 3,860              | 33,288          | 11,705             | 3,947    | 12.51                  | 3.03                  | 0.63             |
| Flint Hills                                    | 123         | 5,160              | 45,059          | 26,724             | 9,191    | 12.67                  | 5.18                  | 0.48             |
| Glaciated Plains                               | 74          | 3,104              | 26,983          | 10,824             | 5,916    | 12.61                  | 3.49                  | 0.32             |
| Osage Cuestas                                  | 85          | 3,566              | 34,069          | 17,662             | 11,712   | 13.86                  | 4.95                  | 0.36             |
| County Unknown                                 | 5           | 210                | 1,060           | 1,259              | 1,444    | 7.33                   | 6.00                  | 1.13             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 534         | 26,471             | 234,634         | 116,879            | 24,160   | 12.57                  | 4.42                  | 0.47             |
| Northern High Plains                           | 43          | 2,132              | 6,852           | 4,858              | 2,686    | 4.56                   | 2.28                  | 0.57             |
| Southern High Plains                           | 32          | 1,586              | 9,963           | 11,550             | 9,211    | 8.91                   | 7.28                  | 0.60             |
| Smoky Hills                                    | 119         | 5,899              | 65,404          | 24,587             | 10,502   | 15.72                  | 4.17                  | 0.51             |
| South-Central Prairies                         | 81          | 4,015              | 38,313          | 12,194             | 4,542    | 13.53                  | 3.04                  | 0.58             |
| Flint Hills                                    | 106         | 5,254              | 52,610          | 29,841             | 10,738   | 14.20                  | 5.68                  | 0.45             |
| Glaciated Plains                               | 72          | 3,569              | 32,475          | 12,789             | 6,974    | 12.90                  | 3.58                  | 0.33             |
| Osage Cuestas                                  | 77          | 3,817              | 27,406          | 19,828             | 13,801   | 10.18                  | 5.19                  | 0.35             |
| County Unknown                                 | 4           | 198                | 1,468           | 1,586              | 1,943    | 10.50                  | 8.00                  | 0.70             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 89          | 2,793              | 13,421          | 4,738              | 1,475    | 7.28                   | 1.70                  | 0.59             |
| Northern High Plains                           | 20          | 628                | 1,015           | 533                | 360      | 2.45                   | 0.85                  | 0.38             |
| Southern High Plains                           | 9           | 282                | 394             | 659                | 715      | 2.11                   | 2.33                  | 1.19             |
| Smoky Hills                                    | 21          | 659                | 1,512           | 690                | 441      | 3.48                   | 1.05                  | 0.30             |
| South-Central Prairies                         | 11          | 345                | 1,139           | 1,035              | 707      | 5.00                   | 3.00                  | 0.98             |
| Flint Hills                                    | 17          | 533                | 1,098           | 1,098              | 637      | 3.12                   | 2.06                  | 0.66             |
| Glaciated Plains                               | 2           | 63                 | 83              | 0                  | 0        | 2.00                   | 0.00                  | 0.00             |
| Osage Cuestas                                  | 8           | 251                | 8,160           | 659                | 609      | 49.25                  | 2.63                  | 0.45             |
| County Unknown                                 | 1           | 31                 | 21              | 63                 |          | 1.00                   | 2.00                  | 2.00             |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 24. All hunter activity for coyote hunters without a furharvester license, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 497         | 20,850             | 139,803         | 67,166             | 13,871   | 9.73                   | 3.22                  | 0.48             |
| Northern High Plains                           | 51          | 2,140              | 4,627           | 3,902              | 2,282    | 3.14                   | 1.82                  | 0.53             |
| Southern High Plains                           | 37          | 1,552              | 7,490           | 9,901              | 7,880    | 7.00                   | 6.38                  | 0.76             |
| Smoky Hills                                    | 113         | 4,741              | 29,817          | 15,732             | 6,532    | 9.12                   | 3.32                  | 0.48             |
| South-Central Prairies                         | 69          | 2,895              | 29,557          | 8,894              | 3,571    | 14.81                  | 3.07                  | 0.63             |
| Flint Hills                                    | 103         | 4,321              | 22,067          | 14,474             | 4,697    | 7.41                   | 3.35                  | 0.44             |
| Glaciated Plains                               | 55          | 2,307              | 22,327          | 6,545              | 3,461    | 14.04                  | 2.84                  | 0.30             |
| Osage Cuestas                                  | 66          | 2,769              | 23,281          | 6,964              | 5,867    | 12.20                  | 2.52                  | 0.33             |
| County Unknown                                 | 3           | 126                | 636             | 755                | 866      | 7.33                   | 6.00                  | 1.13             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 413         | 20,473             | 146,993         | 72,472             | 16,166   | 10.18                  | 3.54                  | 0.46             |
| Northern High Plains                           | 32          | 1,586              | 3,985           | 3,767              | 2,607    | 3.56                   | 2.38                  | 0.61             |
| Southern High Plains                           | 28          | 1,388              | 8,390           | 10,658             | 9,186    | 8.57                   | 7.68                  | 0.63             |
| Smoky Hills                                    | 92          | 4,560              | 33,489          | 17,498             | 7,613    | 10.41                  | 3.84                  | 0.52             |
| South-Central Prairies                         | 58          | 2,875              | 33,803          | 8,873              | 4,087    | 16.67                  | 3.09                  | 0.57             |
| Flint Hills                                    | 89          | 4,412              | 25,239          | 15,962             | 5,450    | 8.11                   | 3.62                  | 0.42             |
| Glaciated Plains                               | 53          | 2,627              | 26,847          | 7,733              | 4,071    | 14.49                  | 2.94                  | 0.32             |
| Osage Cuestas                                  | 59          | 2,925              | 14,507          | 7,188              | 6,884    | 7.03                   | 2.46                  | 0.31             |
| County Unknown                                 | 2           | 99                 | 734             | 793                | 972      | 10.50                  | 8.00                  | 0.70             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 84          | 2,636              | 13,027          | 4,362              | 1,428    | 7.49                   | 1.65                  | 0.58             |
| Northern High Plains                           | 19          | 596                | 953             | 533                | 356      | 2.42                   | 0.89                  | 0.39             |
| Southern High Plains                           | 9           | 282                | 394             | 659                | 715      | 2.11                   | 2.33                  | 1.19             |
| Smoky Hills                                    | 21          | 659                | 1,512           | 690                | 441      | 3.48                   | 1.05                  | 0.30             |
| South-Central Prairies                         | 11          | 345                | 1,139           | 1,035              | 707      | 5.00                   | 3.00                  | 0.98             |
| Flint Hills                                    | 14          | 439                | 849             | 722                | 546      | 2.93                   | 1.64                  | 0.58             |
| Glaciated Plains                               | 2           | 63                 | 83              | 0                  | 0        | 2.00                   | 0.00                  | 0.00             |
| Osage Cuestas                                  | 7           | 220                | 8,077           | 659                | 587      | 55.71                  | 3.00                  | 0.51             |
| County Unknown                                 | 1           | 31                 | 21              | 63                 |          | 1.00                   | 2.00                  | 2.00             |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 25. All hunter activity for coyote hunters with a furharvester license, 2011 - 2012 season.

| Region                              | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|-------------------------------------|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <sup>a</sup> All Hunters (Resident) |             |                    |                 |                    |          |                        |                       |                  |
| State                               | 126         | 5,286              | 73,498          | 38,324             | 15,095   | 20.17                  | 7.25                  | 0.50             |
| Northern High Plains                | 12          | 503                | 2,458           | 923                | 617      | 7.08                   | 1.83                  | 0.41             |
| Southern High Plains                | 4           | 168                | 1,301           | 755                | 678      | 11.25                  | 4.50                  | 0.40             |
| Smoky Hills                         | 27          | 1,133              | 26,405          | 5,999              | 6,197    | 33.81                  | 5.30                  | 0.45             |
| South-Central Prairies              | 23          | 965                | 3,731           | 2,811              | 1,723    | 5.61                   | 2.91                  | 0.63             |
| Flint Hills                         | 20          | 839                | 22,992          | 12,250             | 7,079    | 39.75                  | 14.60                 | 0.67             |
| Glaciated Plains                    | 19          | 797                | 4,656           | 4,279              | 4,836    | 8.47                   | 5.37                  | 0.38             |
| Osage Cuestas                       | 19          | 797                | 10,787          | 10,698             | 9,735    | 19.63                  | 13.42                 | 0.46             |
| County Unknown                      | 2           | 84                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

<sup>a</sup> Non-residents respondents generally do not purchase a furharvester license

<sup>b</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

## Waterfowl Hunting Estimates

Table 26. All hunter activity for teal, 2011 special early season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 116         | 4,867              | 8,580           | 28,444             | 4,956    | 2.56                   | 5.84                  | 2.29             |
| Northern High Plains                           | 3           | 126                | 231             | 1,133              | 889      | 2.67                   | 9.00                  | 3.17             |
| Southern High Plains                           | 3           | 126                | 260             | 671                | 329      | 3.00                   | 5.33                  | 1.90             |
| Smoky Hills                                    | 30          | 1,259              | 2,285           | 8,432              | 2,282    | 2.63                   | 6.70                  | 2.53             |
| South-Central Prairies                         | 28          | 1,175              | 1,919           | 5,915              | 1,664    | 2.37                   | 5.04                  | 2.26             |
| Flint Hills                                    | 18          | 755                | 1,225           | 5,160              | 2,315    | 2.35                   | 6.83                  | 3.19             |
| Glaciated Plains                               | 12          | 503                | 1,273           | 4,153              | 2,869    | 3.67                   | 8.25                  | 1.85             |
| Osage Cuestas                                  | 22          | 923                | 1,363           | 2,979              | 1,190    | 2.14                   | 3.23                  | 1.42             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 103         | 5,106              | 9,072           | 30,535             | 5,748    | 2.52                   | 5.98                  | 2.29             |
| Northern High Plains                           | 3           | 149                | 280             | 1,338              | 1,051    | 2.67                   | 9.00                  | 3.17             |
| Southern High Plains                           | 3           | 149                | 315             | 793                | 389      | 3.00                   | 5.33                  | 1.90             |
| Smoky Hills                                    | 26          | 1,289              | 2,342           | 9,319              | 2,512    | 2.58                   | 7.23                  | 2.66             |
| South-Central Prairies                         | 25          | 1,239              | 2,062           | 6,543              | 1,900    | 2.36                   | 5.28                  | 2.28             |
| Flint Hills                                    | 17          | 843                | 1,449           | 5,849              | 2,733    | 2.44                   | 6.94                  | 3.08             |
| Glaciated Plains                               | 10          | 496                | 1,223           | 4,263              | 3,410    | 3.50                   | 8.60                  | 1.78             |
| Osage Cuestas                                  | 19          | 942                | 1,398           | 2,429              | 1,132    | 2.11                   | 2.58                  | 1.29             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 13          | 408                | 783             | 1,945              | 696      | 2.91                   | 4.77                  | 2.29             |
| Smoky Hills                                    | 4           | 126                | 249             | 408                | 486      | 3.00                   | 3.25                  | 1.70             |
| South-Central Prairies                         | 3           | 94                 | 155             | 282                | 282      | 2.50                   | 3.00                  | 1.90             |
| Flint Hills                                    | 1           | 31                 | 21              | 157                | NA       | 1.00                   | 5.00                  | 5.00             |
| Glaciated Plains                               | 2           | 63                 | 186             | 408                | 62       | 4.50                   | 6.50                  | 2.20             |
| Osage Cuestas                                  | 3           | 94                 | 155             | 690                | 268      | 2.50                   | 7.33                  | 2.60             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred



Table 27. All hunter activity for ducks, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 517         | 21,689             | 116,406         | 366,330            | 49,861   | 7.79                   | 16.89                 | 1.97             |
| Northern High Plains                           | 16          | 671                | 1,764           | 5,622              | 2,625    | 3.81                   | 8.38                  | 2.01             |
| Southern High Plains                           | 8           | 336                | 2,400           | 3,063              | 2,140    | 10.38                  | 9.13                  | 1.80             |
| Smoky Hills                                    | 119         | 4,992              | 20,794          | 74,382             | 17,688   | 6.04                   | 14.90                 | 2.41             |
| South-Central Prairies                         | 104         | 4,363              | 20,968          | 72,578             | 19,936   | 6.97                   | 16.63                 | 2.04             |
| Flint Hills                                    | 77          | 3,230              | 18,741          | 53,909             | 15,494   | 8.42                   | 16.69                 | 1.89             |
| Glaciated Plains                               | 61          | 2,559              | 14,374          | 39,352             | 17,869   | 8.15                   | 15.38                 | 1.53             |
| Osage Cuestas                                  | 131         | 5,496              | 37,337          | 117,341            | 34,506   | 9.85                   | 21.35                 | 1.79             |
| County Unknown                                 | 1           | 42                 | 29              | 84                 | NA       | 1.00                   | 2.00                  | 2.00             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 398         | 19,729             | 118,573         | 356,610            | 56,471   | 8.52                   | 18.08                 | 1.85             |
| Northern High Plains                           | 7           | 347                | 1,049           | 4,065              | 2,616    | 4.29                   | 11.71                 | 2.46             |
| Southern High Plains                           | 6           | 297                | 2,727           | 3,073              | 2,421    | 13.00                  | 10.33                 | 1.77             |
| Smoky Hills                                    | 74          | 3,668              | 16,989          | 58,939             | 18,014   | 6.57                   | 16.07                 | 2.27             |
| South-Central Prairies                         | 88          | 4,362              | 22,687          | 74,405             | 22,938   | 7.38                   | 17.06                 | 1.98             |
| Flint Hills                                    | 63          | 3,123              | 19,751          | 55,073             | 17,161   | 8.97                   | 17.63                 | 1.82             |
| Glaciated Plains                               | 54          | 2,677              | 16,325          | 43,374             | 20,961   | 8.65                   | 16.20                 | 1.42             |
| Osage Cuestas                                  | 105         | 5,205              | 39,012          | 117,581            | 39,870   | 10.63                  | 22.59                 | 1.63             |
| County Unknown                                 | 1           | 50                 | 35              | 99                 | NA       | 1.00                   | 2.00                  | 2.00             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 119         | 3,734              | 13,110          | 48,259             | 10,258   | 5.32                   | 12.92                 | 2.40             |
| Northern High Plains                           | 9           | 282                | 642             | 1,632              | 912      | 3.44                   | 5.78                  | 1.67             |
| Southern High Plains                           | 2           | 63                 | 104             | 345                | 554      | 2.50                   | 5.50                  | 1.90             |
| Smoky Hills                                    | 45          | 1,412              | 4,826           | 18,325             | 6,729    | 5.18                   | 12.98                 | 2.63             |
| South-Central Prairies                         | 16          | 502                | 1,574           | 7,186              | 3,482    | 4.75                   | 14.31                 | 2.38             |
| Flint Hills                                    | 14          | 439                | 1,719           | 5,460              | 4,053    | 5.93                   | 12.43                 | 2.21             |
| Glaciated Plains                               | 7           | 220                | 621             | 1,977              | 1,403    | 4.29                   | 9.00                  | 2.33             |
| Osage Cuestas                                  | 26          | 816                | 3,624           | 13,336             | 5,301    | 6.73                   | 16.35                 | 2.41             |
| County Unknown                                 | NA          | NA                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred

Table 28. All hunter activity for all Geese species, 2011 - 2012 season.

| Region   | Sample Size | Est. Total Hunters | Est. Total Days | Est. Total Harvest | CI (+/-) | Season Days Per Hunter | Season Bag Per Hunter | Avg. Bag Per Day |
|--|-------------|--------------------|-----------------|--------------------|----------|------------------------|-----------------------|------------------|
| <u>All Hunters (Resident and Non-Resident)</u> |             |                    |                 |                    |          |                        |                       |                  |
| State  | 409         | 17,159             | 76,099          | 154,935            | 29,099   | 6.43                   | 9.03                  | 1.31             |
| Northern High Plains                           | 9           | 378                | 1,475           | 2,182              | 2,052    | 5.67                   | 5.78                  | 0.85             |
| Southern High Plains                           | 11          | 461                | 2,776           | 4,489              | 5,891    | 8.73                   | 9.73                  | 0.59             |
| Smoky Hills                                    | 98          | 4,111              | 17,613          | 37,841             | 11,652   | 6.21                   | 9.20                  | 1.43             |
| South-Central Prairies                         | 84          | 3,524              | 14,027          | 32,849             | 16,269   | 5.77                   | 9.32                  | 1.39             |
| Flint Hills                                    | 73          | 3,063              | 14,779          | 23,703             | 7,888    | 7.00                   | 7.74                  | 1.13             |
| Glaciated Plains                               | 61          | 2,559              | 12,205          | 20,683             | 8,333    | 6.92                   | 8.08                  | 1.20             |
| Osage Cuestas                                  | 67          | 2,811              | 11,539          | 28,528             | 15,522   | 5.96                   | 10.15                 | 1.50             |
| County Unknown                                 | 6           | 252                | 2,256           | 7,048              | 12,088   | 13.00                  | 28.00                 | 1.90             |
| <u>Residents</u>                               |             |                    |                 |                    |          |                        |                       |                  |
| State  | 334         | 16,557             | 80,744          | 162,972            | 33,309   | 6.92                   | 9.84                  | 1.33             |
| Northern High Plains                           | 5           | 248                | 1,433           | 2,082              | 2,323    | 8.20                   | 8.40                  | 0.92             |
| Southern High Plains                           | 9           | 446                | 3,146           | 5,155              | 6,910    | 10.00                  | 11.56                 | 0.61             |
| Smoky Hills                                    | 69          | 3,420              | 16,500          | 39,309             | 13,076   | 6.84                   | 11.49                 | 1.63             |
| South-Central Prairies                         | 71          | 3,520              | 15,661          | 35,542             | 18,974   | 6.31                   | 10.10                 | 1.39             |
| Flint Hills                                    | 60          | 2,974              | 16,010          | 24,290             | 8,962    | 7.63                   | 8.17                  | 1.15             |
| Glaciated Plains                               | 57          | 2,826              | 14,507          | 23,992             | 9,779    | 7.28                   | 8.49                  | 1.18             |
| Osage Cuestas                                  | 58          | 2,875              | 11,641          | 27,462             | 17,520   | 5.74                   | 9.55                  | 1.33             |
| County Unknown                                 | 5           | 248                | 2,272           | 6,940              | 11,903   | 13.00                  | 28.00                 | 1.90             |
| <u>Non-Residents</u>                           |             |                    |                 |                    |          |                        |                       |                  |
| State  | 75          | 2,353              | 6,633           | 12,657             | 4,909    | 4.27                   | 5.38                  | 1.26             |
| Northern High Plains                           | 4           | 126                | 207             | 314                | 310      | 2.50                   | 2.50                  | 0.73             |
| Southern High Plains                           | 2           | 63                 | 124             | 94                 | 185      | 3.00                   | 1.50                  | 0.50             |
| Smoky Hills                                    | 29          | 910                | 2,837           | 3,420              | 1,776    | 4.72                   | 3.76                  | 0.97             |
| South-Central Prairies                         | 13          | 408                | 766             | 2,071              | 1,809    | 2.85                   | 5.08                  | 1.35             |
| Flint Hills                                    | 13          | 408                | 1,098           | 2,353              | 1,630    | 4.08                   | 5.77                  | 1.05             |
| Glaciated Plains                               | 4           | 126                | 145             | 282                | 118      | 1.75                   | 2.25                  | 1.50             |
| Osage Cuestas                                  | 9           | 282                | 1,367           | 3,954              | 3,567    | 7.33                   | 14.00                 | 2.58             |
| County Unknown                                 | 1           | 31                 | NA              | NA                 | NA       | NA                     | NA                    | NA               |

\*Resident and Non-Resident data does not always sum for All Hunters due to extrapolation of survey data from respondents to the entire licensed hunter population

<sup>a</sup> Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest occurred