

SMALL GAME HUNTER ACTIVITY SURVEY - 2015
STATEWIDE WILDLIFE RESEARCH AND SURVEYS

**Performance Report
A Contribution in Part of Pittman-Robertson
Federal Aid in Wildlife Restoration
Grant W-39-R-22**

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June 2016



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SMALL GAME HUNTER ACTIVITY SURVEY - 2015

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

Procedure: A random sample of 15,365 Kansas residents and 6484 non-residents with 2054 hunting, combination, and lifetime license holders (stratified sample of 10% of all license types that allowed small game hunting) were selected 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 75 and older. These exemptions were not included in the sampling effort for this survey. Each licensed individual was notified by postcard or email in February 2016 of their selection for the survey and asked to complete an on-line questionnaire of their hunting activity for the 2015-2016 seasons. After comparing paper and electronic responses following the 2010 season and finding no differences, the survey has been completed entirely by electronic means since 2011. For those receiving postcard notifications after approximately 2 weeks, non-respondents were mailed a reminder postcard notification requesting their participation in this survey. Those non-respondents receiving email notifications were reminded with follow ups 1 week after the initial email and again 2 weeks after the first reminder. Those people receiving an e-mail were offered a chance at a framed wildlife print or 1 of 10 KDWPT magazine subscriptions if they completed the questionnaire by April 1st.

To achieve hunter and harvest estimates, answers from respondents were used to estimate percentage of active small game hunters for all license holders during the 2015-2016 small game seasons. From this pool, we then calculated the percentage of hunters pursuing each species. 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.

Historically, we estimated prairie chicken harvest by species (Greater and Lesser Prairie Chicken) where harvest was delineated by county for the dominant species in that county. Sympatric range occurs in west-central and north-west Kansas and regulations overlapped between the two species. This procedure was continued for this survey to preserve continuity in the data. In 2014 the Lesser Prairie Chicken was listed as a federally threatened species and as such prairie chicken hunting was closed in part or in full in the following counties: Morton, Stevens, Seward, Meade, Clark, Comanche, Barber, Stanton, Grant, Haskell, Gray, Ford, Kiowa, Pratt, Edwards, Stafford, Hamilton, Kearny, Finney, Hodgeman, Pawnee, Greeley, Wichita, Scott, Lane, Ness, Rush, Wallace, Logan, Gove, Trego, Ellis, Sherman, Thomas, Sheridan, Graham, Rooks. Our estimate of Greater Prairie Chicken harvest includes data from all remaining counties and portions of the aforementioned counties that remain open. Historically our greater chicken harvest estimates included harvest from many of these counties as they were the dominant species in that area. A separate survey of prairie chicken permit holders is conducted annually began after the 2012-2013 season. A more specific prairie chicken harvest and hunter information is included therein.

Results: From the 21,109 deliverable notifications, 4,280 usable responses were obtained for an overall response rate of 20%. These included 2,644 responses from resident hunters and 1,636 responses from non-resident hunters. Of these, 1,732 (40%) indicated hunting small game (a general hunting license is required to hunt all game in Kansas, including deer and turkey, but allows hunting of small game without any additional permits) during the 2015-2016 seasons.

A summary of historic small game hunting season regulations follows.

Table 1. Historic small game regulations, Kansas, 1957-2015.

Years	Season Dates	Daily Bag	Possession	Open Area
<u>DOVE</u>				
2015	Sept. 1 - Oct. 31, and Nov. 7-15	15	45	statewide
2014	Sept. 1 - Nov. 9	15	45	statewide
2013	Sept. 1 - Oct. 31, and Nov. 3-11	15	45	statewide
2012	Sept. 1 - Oct. 31, and Nov. 3-11	15	30	statewide
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
<u>QUAIL</u>				
2008 - 2015	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) Zn B (rest of the state)
1964	Nov. 21-Dec. 6,8,10,12,13,15,17,19,20, 22, 24-27,29,31, Jan 1-3	8	16	statewide
1963	Nov. 16-24,26,28-30, 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, 13, 15,16 Zn. 1 Nov. 17-Dec. 2 Zn. 2	8	16	Zn 1 (east of 183), Zn 2 (west of 183)
1961	Nov. 18,19,21,23-26,28,30, Dec. 2,3,5,7,9,10,12,14,16,17	6	12	statewide
1960	Nov. 11,12,13,15,17,19,20,22, (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, 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, Dec. 2,4,6,7,9,11,13,14	8	16	statewide
1957	Nov. 16,17,19,21,23,24,26,28,29,30, Dec. 1,3,5,7,8	8	16	statewide

PHEASANT

2009 - 2015	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 S. of US 54 & E. of US 169
1977	Nov. 5-Jan 8	3	9	Statewide except for 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), Nov.14-Dec. 31 Zn. 2 (west of US 81)	3	12	statewide
1969	Nov. 15-Dec. 31 Zn. 1 (east of US 81), Nov.8-Dec. 31 Zn. 2 (west of US 81)	3	12	2 Zones, Statewide
1968	Nov.16-Dec. 8, 21-29 Zn. 1, 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, 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, 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, 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, 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, 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, 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 all counties west (64 co's). ≤ 1 hen in bag
1960	Nov. 5-30	4	8	HP,KM,RN,HV,MP SA,DK,CY, WS and all counties west (63 co's).
1959	Nov. 7-26	4	8	HP,KM,RN,HV,MP,SA,OT,CY, WS and 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, and all counties west (59 co's).
<u>PRAIRIE CHICKEN</u>				
2015	Early Sep. 15-Oct.15, Regular 3rd Sat. Nov. to Jan. 31,	2	8	Greater Prairie Chicken unit
2012-2013	Early Sep. 15-Oct.15, Regular 3rd Sat. Nov. to Jan. 31, SW Zone 3rd Sat. Nov.-Dec. 31	Regular 2, SW 1	Regular 8, SW 4	East and NW Unit Early, Statewide Reg. Season, SW Unit
2005 - 2011	Early Sep. 15-Oct.15, Regular 3rd Sat. Nov. to Jan. 31, SW Zone 3rd Sat. Nov.-Dec. 31	Regular 2, SW 1	Regular 8, SW 4	East Unit Early, Statewide Reg. Season, SW Unit
1995 - 2004	Early Sep. 15-Oct.15, Regular 1st Sat. Nov. to Jan. 31, SW Zone Dec. 1-Jan. 31	Regular 2, SW 1	Regular 8, SW 4	East Unit Early, Statewide Reg. Season
1992 - 1994	Regular early Sep. 15-Oct. 15, Regular 1st Sat. in Nov. to Jan. 31	2	8	East Unit Early, Early season PR, CA, and MT Co., Statewide Reg. Season
1991	Early 4th Sat. Sep.-Oct. 20, Regular 1st Sat. in Nov. to Jan. 31	2	6	East Unit Early, Statewide Regular Season
1989 - 1990	Early 4th Sat. Sep.-Oct. 15, Regular 1st Sat. in Nov. to Jan. 31	2	6	East Unit Early, 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, 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 & SE KS. S. of US 54 & E. of US 169.
<u>COTTONTAIL</u>				
1993 - 2015	Year Round	10	30	statewide
1971 - 1992	Year Round	10	20	Statewide; 1975 to present No Limit on Jackrabbits
1957 - 1970	Dec.15-Oct.15 plus bird Season	10	20	Statewide
<u>SQUIRREL</u>				
1997 - 2015	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 - 2015.

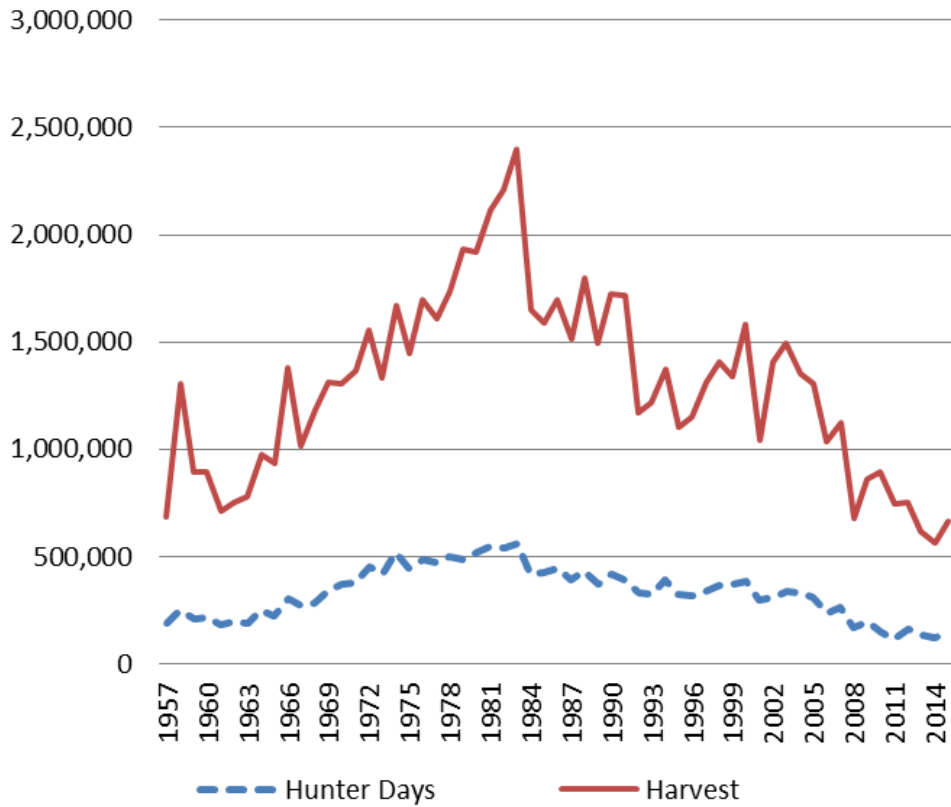


Table 2: Estimated Annual DOVE hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
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	^b 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
^c 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
^d 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
2012	36	37,791	161,439	753,390	4.27	19.94	5.00
2013	35	31,592	134,139	614,371	4.25	19.45	4.97
2014	30	29,248	120,769	562,188	4.13	19.22	5.33
2015	30	33,194	139,324	663,271	4.20	19.98	5.03

*Harvest table only includes 50 years of data, harvest information through 1957 available in supplementary SGHS appendix
a 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.

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

c Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

Kansas Quail Harvest, 1957 - 2015.

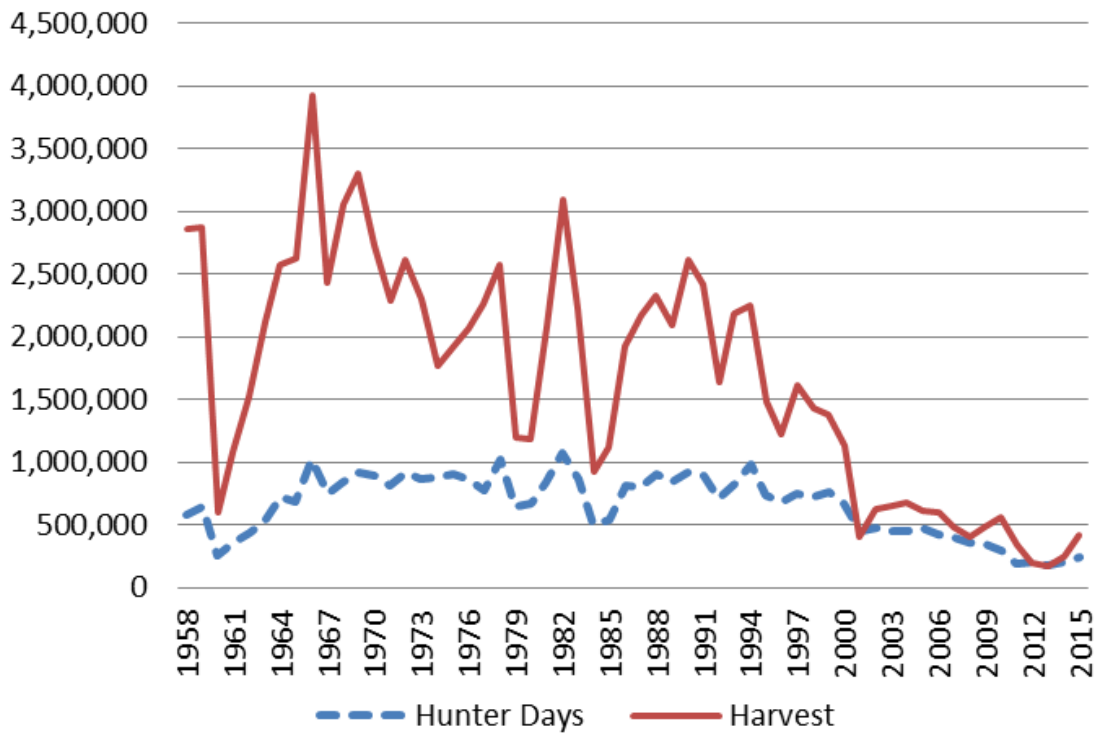


Table 3: Estimated Annual QUAIL hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
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	^b 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
^c 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
^d 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
2012	43	44,885	204,308	199,661	4.55	4.45	1.03
2013	42	38,351	179,476	174,970	4.68	4.56	1.08
2014	44	43,622	197,531	253,869	4.53	5.82	1.31
2015	30	54,983	237,321	414,391	4.32	7.54	1.69

*Harvest table only includes 50 years of data, harvest information through 1957 available in supplementary SGHS appendix
a 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.

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

c Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

Kansas Pheasant Harvest, 1957 - 2015.

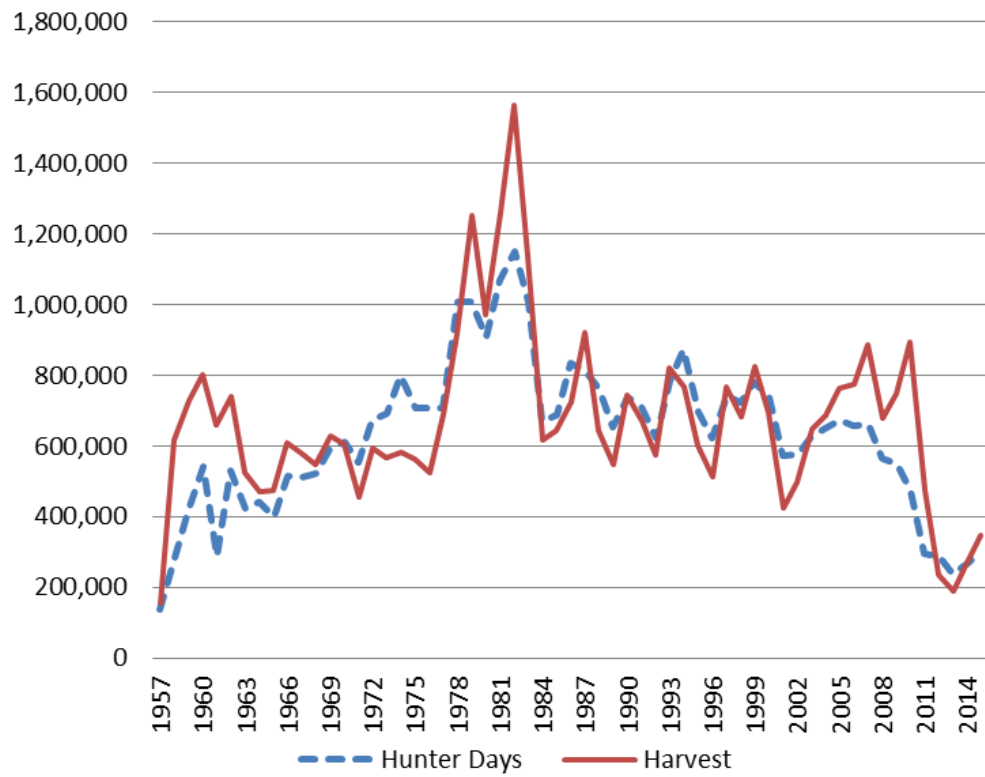


Table 4: Estimated Annual PHEASANT hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
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	^c 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
^d 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
^e 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
2012	64	67,273	287,540	233,981	4.27	3.48	0.91
2013	60	54,400	236,661	190,285	4.35	3.50	0.95
2014	63	62,774	266,855	269,476	4.25	4.29	1.14
2015	66	72,680	301,664	346,008	4.15	4.76	1.25

*Harvest table only includes 50 years of data, harvest information through 1957 available in supplementary SGHS appendix
a 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.

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

c Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

Kansas Greater Prairie Chicken Harvest, 1957-2015.

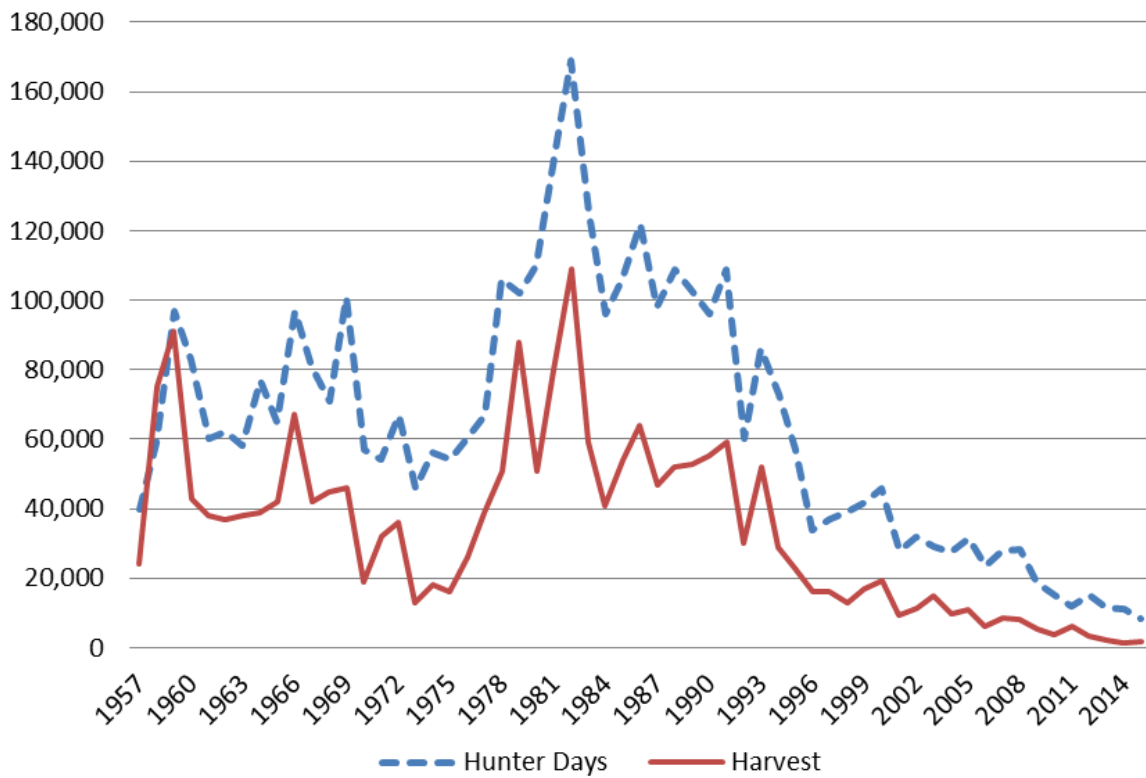


Table 5: Estimated Annual **GREATER PRAIRIE CHICKEN** hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
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
^c 1979	16	36,100	102,000	88,000	2.83	2.45	^b 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
^d 2006	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
^e 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
2012	3	4,155	15,179	3,195	3.47	1.01	0.29
2013	4	3,417	11,594	2,126	3.39	0.62	0.28
2014	3	3,160	11,266	1,443	3.57	0.46	0.20
2015	2	2,660	8,306	1,820	3.12	0.68	0.23

*Harvest table only includes 50 years of data, harvest information through 1957 available in supplementary SGHS appendix

^a 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.

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

^c Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

Kansas Cottontail Harvest, 1958 - 2015.

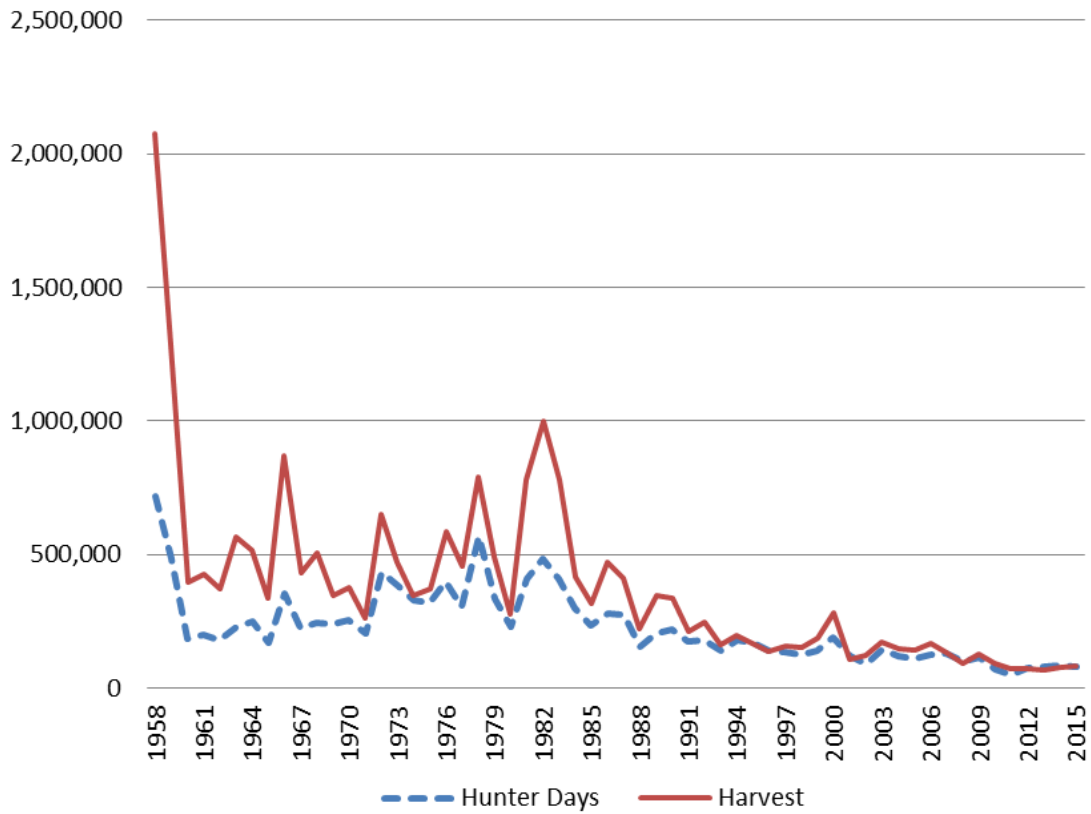


Table 6: Estimated Annual **COTTONTAIL** hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
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	^b 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
^c 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
^d 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
2012	14	14,608	74,786	70,240	5.12	4.81	1.10
2013	15	13,872	79,309	69,183	5.72	4.99	1.06
2014	14	13,410	82,850	75,259	6.18	5.61	1.31
2015	14	15,651	77,897	84,699	4.98	5.41	1.29

*Harvest table only includes 50 years of data, harvest information through 1957 available in supplementary SGHS appendix a 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.

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

c Electronic licensing permitted random sampling of non-residents for the 1st time, improving how estimates were calculated.

Kansas Squirrel Harvest, 1957 - 2015.

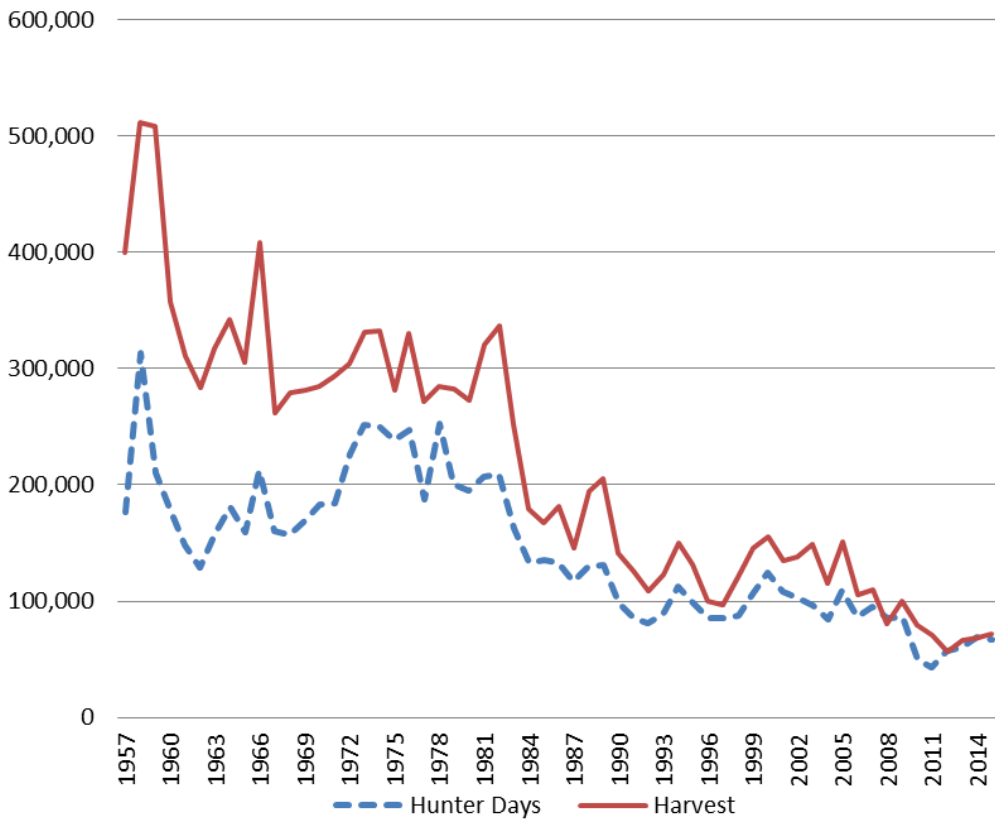


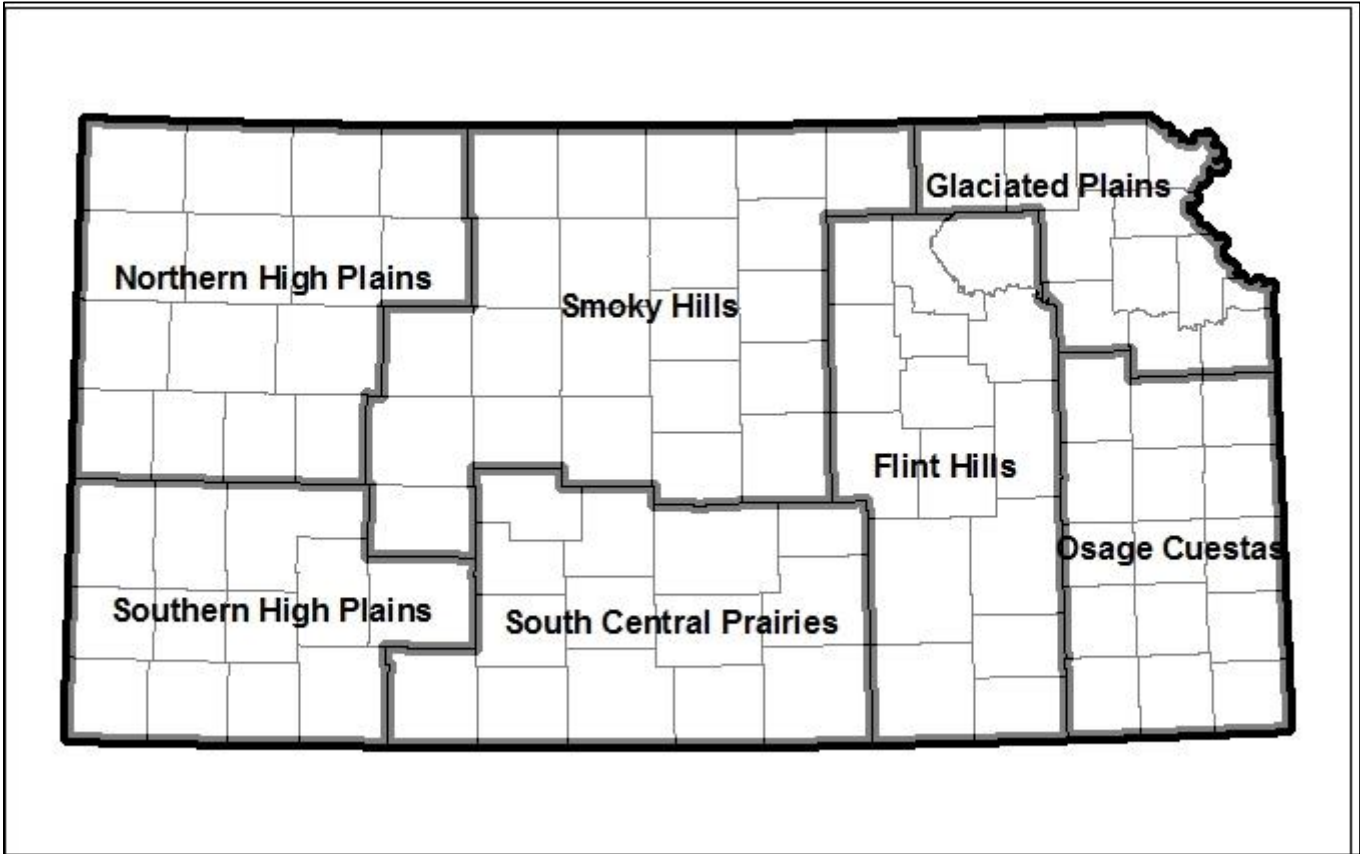
Table 7: Estimated Annual **SQUIRREL** hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
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
2012	11	11,382	57,642	56,063	5.06	4.93	1.24
2013	11	10,050	60,855	66,778	6.06	6.64	1.26
2014	11	10,751	69,440	69,016	6.46	6.42	1.30
2015	10	11,201	66,593	71,810	5.95	6.41	1.38

*Harvest table only includes 50 years of data, harvest information through 1957 available in supplementary SGHS appendix
a 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.

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

c 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 2015-2016

Table 8: All Hunter Activity for Dove, 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	649	30.2		33,194	139,324	663,271	66,190	4.20	19.98	5.03
Northern High Plains	56	2.6	8.6	2,864	11,559	68,946	17,275	4.04	24.07	6.66
Southern High Plains	49	2.3	7.6	2,506	12,582	81,835	24,757	5.02	32.65	6.71
Smoky Hills	162	7.5	25.0	8,286	37,030	197,120	29,953	4.47	23.79	6.14
South-Central Prairies	118	5.5	18.2	6,035	26,596	120,246	41,789	4.41	19.92	4.40
Flint Hills	106	4.9	16.3	5,422	19,282	70,071	15,726	3.56	12.92	4.18
Glaciated Plains	76	3.5	11.7	3,887	13,707	48,129	10,826	3.53	12.38	3.52
Osage Cuestas	82	3.8	12.6	4,194	18,566	76,925	19,653	4.43	18.34	4.14
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	565	39.4		32,922	145,381	636,879	71,760	4.42	19.35	4.51
Northern High Plains	40	2.8	7.1	2,331	10,430	57,220	18,127	4.48	24.55	6.00
Southern High Plains	39	2.7	6.9	2,272	12,644	70,680	25,932	5.56	31.10	5.27
Smoky Hills	133	9.3	23.5	7,750	37,583	178,594	30,729	4.85	23.05	5.58
South-Central Prairies	107	7.5	18.9	6,235	28,435	124,171	47,268	4.56	19.92	4.08
Flint Hills	100	7.0	17.7	5,827	21,385	75,575	17,857	3.67	12.97	3.91
Glaciated Plains	71	5.0	12.6	4,137	14,742	48,829	11,722	3.56	11.80	3.22
Osage Cuestas	75	5.2	13.3	4,370	20,161	81,809	22,107	4.61	18.72	4.04
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	84	11.8		3,331	9,082	80,827	15,765	2.73	24.26	8.55
Northern High Plains	16	2.2	19.0	635	1,864	14,516	6,050	2.94	22.88	8.33
Southern High Plains	10	1.4	11.9	397	1,150	15,348	9,082	2.90	38.70	12.34
Smoky Hills	29	4.1	34.5	1,150	3,133	31,292	10,602	2.72	27.21	8.72
South-Central Prairies	11	1.5	13.1	436	1,269	8,725	4,993	2.91	20.00	7.49
Flint Hills	6	0.8	7.1	238	397	2,895	1,575	1.67	12.17	8.58
Glaciated Plains	5	0.7	6.0	198	595	4,085	3,370	3.00	20.60	7.74
Osage Cuestas	7	1.0	8.3	278	674	3,966	3,216	2.43	14.29	5.13
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a% Active small game hunter for State represents the % of respondents that hunted this species who also indicated that they hunted any small game this season, but for regions it represents the percent of the state total

^b 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 9: All Hunter Activity for Quail, 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	1,075	50.1		54,983	237,321	414,391	40,455	4.32	7.54	1.69
Northern High Plains	93	4.3	8.7	4,757	18,822	22,760	8,880	3.96	4.78	1.17
Southern High Plains	98	4.6	9.1	5,012	23,886	57,233	16,727	4.77	11.42	2.23
Smoky Hills	379	17.7	35.3	19,385	76,004	117,331	19,875	3.92	6.05	1.50
South-Central Prairies	238	11.1	22.1	12,173	51,761	91,860	16,887	4.25	7.55	1.80
Flint Hills	147	6.8	13.7	7,519	34,115	61,069	15,912	4.54	8.12	1.76
Glaciated Plains	55	2.6	5.1	2,813	12,429	16,060	5,645	4.42	5.71	1.56
Osage Cuestas	65	3.0	6.0	3,325	20,305	48,078	16,930	6.11	14.46	2.20
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	700	48.8		40,788	186,752	309,641	40,432	4.58	7.59	1.58
Northern High Plains	43	3.0	6.1	2,506	8,799	12,178	7,468	3.51	4.86	1.35
Southern High Plains	46	3.2	6.6	2,680	15,383	36,884	15,689	5.74	13.76	2.22
Smoky Hills	227	15.8	32.4	13,227	53,199	78,546	19,998	4.02	5.94	1.36
South-Central Prairies	174	12.1	24.9	10,139	45,158	65,028	14,938	4.45	6.41	1.46
Flint Hills	112	7.8	16.0	6,526	30,533	50,577	16,817	4.68	7.75	1.70
Glaciated Plains	46	3.2	6.6	2,680	13,285	17,189	6,273	4.96	6.41	1.60
Osage Cuestas	52	3.6	7.4	3,030	20,394	49,237	18,903	6.73	16.25	2.32
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	375	52.7		14,872	56,912	110,572	15,145	3.83	7.43	1.88
Northern High Plains	50	7.0	13.3	1,983	8,606	9,360	4,844	4.34	4.72	1.01
Southern High Plains	52	7.3	13.9	2,062	8,051	19,275	7,592	3.90	9.35	2.25
Smoky Hills	152	21.3	40.5	6,028	22,725	37,518	7,352	3.77	6.22	1.70
South-Central Prairies	64	9.0	17.1	2,538	9,399	26,969	8,133	3.70	10.63	2.74
Flint Hills	35	4.9	9.3	1,388	5,671	12,929	4,853	4.09	9.31	1.94
Glaciated Plains	9	1.3	2.4	357	595	754	620	1.67	2.11	1.39
Osage Cuestas	13	1.8	3.5	516	1,864	3,768	2,186	3.62	7.31	1.72
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active small game hunter for State represents the % of respondents that hunted this species who also indicated that they hunted any small game this season, but for regions it represents the percent of the state total

^b 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 Pheasant, 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	1,421	66.2		72,680	301,664	346,008	27,653	4.15	4.76	1.25
Northern High Plains	288	13.4	20.3	14,730	66,337	77,436	11,931	4.50	5.26	1.21
Southern High Plains	182	8.5	12.8	9,309	41,531	60,814	11,073	4.46	6.53	1.59
Smoky Hills	526	24.5	37.0	26,903	102,191	116,512	16,561	3.80	4.33	1.21
South-Central Prairies	261	12.2	18.4	13,349	59,637	63,422	10,154	4.47	4.75	1.23
Flint Hills	111	5.2	7.8	5,677	21,737	15,344	3,751	3.83	2.70	0.97
Glaciated Plains	43	2.0	3.0	2,199	8,593	4,706	2,474	3.91	2.14	0.76
Osage Cuestas	10	0.5	0.7	511	1,637	7,774	11,034	3.20	15.20	4.42
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	867	60.5		50,519	225,209	234,882	27,334	4.46	4.65	1.11
Northern High Plains	137	9.6	15.8	7,983	36,942	39,798	10,362	4.63	4.99	1.15
Southern High Plains	99	6.9	11.4	5,769	30,824	42,711	10,965	5.34	7.40	1.49
Smoky Hills	313	21.8	36.1	18,238	74,409	78,080	16,426	4.08	4.28	1.03
South-Central Prairies	192	13.4	22.1	11,188	53,549	48,421	9,924	4.79	4.33	1.00
Flint Hills	84	5.9	9.7	4,895	18,821	13,227	3,960	3.85	2.70	1.00
Glaciated Plains	36	2.5	4.2	2,098	9,090	4,545	2,519	4.33	2.17	0.69
Osage Cuestas	6	0.4	0.7	350	1,573	8,099	13,951	4.50	23.17	5.61
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	554	77.8		21,972	80,629	108,430	10,698	3.67	4.94	1.48
Northern High Plains	151	21.2	27.3	5,989	26,295	32,957	6,065	4.39	5.50	1.26
Southern High Plains	83	11.7	15.0	3,292	11,224	18,085	4,279	3.41	5.49	1.71
Smoky Hills	213	29.9	38.4	8,448	28,595	37,201	6,391	3.38	4.40	1.47
South-Central Prairies	69	9.7	12.5	2,737	9,796	16,221	4,048	3.58	5.93	1.87
Flint Hills	27	3.8	4.9	1,071	4,045	2,895	1,185	3.78	2.70	0.89
Glaciated Plains	7	1.0	1.3	278	476	555	1,148	1.71	2.00	1.14
Osage Cuestas	4	0.6	0.7	159	198	516	318	1.25	3.25	2.63
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active small game hunter for State represents the % of respondents that hunted this species who also indicated that they hunted any small game this season, but for regions it represents the percent of the state total

^b 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 Greater Prairie-Chicken, 2015-2016 Regular Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	52	2.4		2,660	8,306	1,820	981	3.12	0.68	0.23
Northern High Plains	8	0.4	15.4	409	1,364	91	210	3.33	0.22	0.11
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	25	1.2	48.1	1,279	4,073	995	822	3.19	0.78	0.30
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	16	0.7	30.8	818	2,546	636	551	3.11	0.78	0.19
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	3	0.1	5.8	153	307	102	440	2.00	0.67	0.17
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	23	1.6		1,340	4,289	1,287	896	3.20	0.96	0.24
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	8	0.6	34.8	466	1,515	466	833	3.25	1.00	0.28
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	12	0.8	52.2	699	2,397	699	593	3.43	1.00	0.24
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	3	0.2	13.0	175	350	117	501	2.00	0.67	0.17
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	29	4.1		1,150	3,522	539	482	3.06	0.47	0.21
Northern High Plains	8	1.1	27.6	317	1,058	71	163	3.33	0.22	0.11
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	17	2.4	58.6	674	2,129	461	460	3.16	0.68	0.31
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	4	0.6	13.8	159	317	0	NE	2.00	0.00	0.00
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a% Active small game hunter for State represents the % of respondents that hunted this species who also indicated that they hunted any small game this season, but for regions it represents the percent of the state total

^b 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, 2015-2016 Early Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	14	0.7		716	1,688	614	483	2.36	0.86	0.32
Northern High Plains	1	0.0	7.1	51	102	0	NE	2.00	0.00	0.00
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	7	0.3	50.0	358	767	256	250	2.14	0.71	0.40
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	5	0.2	35.7	256	614	256	550	2.40	1.00	0.24
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	1	0.0	7.1	51	205	102	NE	4.00	2.00	0.50
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	7	0.5		408	1,224	524	564	3.00	1.29	0.39
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	2	0.1	28.6	117	350	117	1,481	3.00	1.00	0.50
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	4	0.3	57.1	233	641	291	702	2.75	1.25	0.30
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	1	0.1	14.3	58	233	117	NE	4.00	2.00	0.50
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	7	1.0		278	476	119	137	1.71	0.43	0.26
Northern High Plains	1	0.1	14.3	40	79	0	NE	2.00	0.00	0.00
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	5	0.7	71.4	198	357	119	135	1.80	0.60	0.37
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	1	0.1	14.3	40	40	0	NE	1.00	0.00	0.00
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active small game hunter for State represents the % of respondents that hunted this species who also indicated that they hunted any small game this season, but for regions it represents the percent of the state total

^b 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

^c During the 2012-2013 season the early prairie chicken season was expanded into northwest Kansas, including the Northern High Plains, which includes the northern extent of Lesser Prairie Chicken range.

Table 13: All Hunter Activity for Cottontail, 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	306	14.3		15,651	77,897	84,699	26,793	4.98	5.41	1.29
Northern High Plains	28	1.3	9.2	1,432	5,524	4,706	1,503	3.86	3.29	1.00
Southern High Plains	23	1.1	7.5	1,176	6,342	10,281	4,645	5.39	8.74	1.66
Smoky Hills	57	2.7	18.6	2,915	12,173	12,224	4,575	4.18	4.19	1.23
South-Central Prairies	41	1.9	13.4	2,097	14,014	9,360	5,454	6.68	4.46	0.95
Flint Hills	49	2.3	16.0	2,506	16,930	10,229	3,817	6.76	4.08	1.21
Glaciated Plains	53	2.5	17.3	2,711	12,378	20,203	22,001	4.57	7.45	1.31
Osage Cuestas	55	2.6	18.0	2,813	10,536	17,697	13,351	3.75	6.29	1.64
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	252	17.6		14,684	77,672	83,091	30,086	5.29	5.66	1.30
Northern High Plains	15	1.0	6.0	874	3,205	3,030	1,415	3.67	3.47	1.10
Southern High Plains	17	1.2	6.7	991	5,186	7,808	4,121	5.24	7.88	1.46
Smoky Hills	37	2.6	14.7	2,156	10,547	9,265	4,211	4.89	4.30	1.15
South-Central Prairies	38	2.6	15.1	2,214	14,917	10,314	6,204	6.74	4.66	1.00
Flint Hills	46	3.2	18.3	2,680	18,996	11,537	4,294	7.09	4.30	1.26
Glaciated Plains	51	3.6	20.2	2,972	13,751	22,783	25,078	4.63	7.67	1.35
Osage Cuestas	48	3.3	19.0	2,797	11,071	18,355	15,195	3.96	6.56	1.63
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	54	7.6		2,142	7,535	9,122	3,671	3.52	4.26	1.25
Northern High Plains	13	1.8	24.1	516	2,102	1,586	789	4.08	3.08	0.89
Southern High Plains	6	0.8	11.1	238	1,388	2,657	3,036	5.83	11.17	2.21
Smoky Hills	20	2.8	37.0	793	2,261	3,173	2,288	2.85	4.00	1.38
South-Central Prairies	3	0.4	5.6	119	714	238	591	6.00	2.00	0.30
Flint Hills	3	0.4	5.6	119	198	79	341	1.67	0.67	0.33
Glaciated Plains	2	0.3	3.7	79	238	159	2,016	3.00	2.00	0.50
Osage Cuestas	7	1.0	13.0	278	635	1,229	1,341	2.29	4.43	1.70
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active small game hunter for State represents the % of respondents that hunted this species who also indicated that they hunted any small game this season, but for regions it represents the percent of the state total

^b 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 Jackrabbit, 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	40	1.9		2,046	11,303	10,485	8,658	5.53	5.13	0.89
Northern High Plains	10	0.5	25.0	511	5,575	5,626	9,141	10.90	11.00	0.74
Southern High Plains	13	0.6	32.5	665	3,222	3,478	2,746	4.85	5.23	1.12
Smoky Hills	9	0.4	22.5	460	869	563	344	1.89	1.22	0.93
South-Central Prairies	5	0.2	12.5	256	563	665	1,340	2.20	2.60	0.90
Flint Hills	1	0.0	2.5	51	102	0	NE	2.00	0.00	0.00
Glaciated Plains	2	0.1	5.0	102	972	153	1,950	9.50	1.50	0.38
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	29	2.0		1,690	10,372	11,071	9,856	6.14	6.55	1.06
Northern High Plains	8	0.6	27.6	466	5,943	6,410	10,739	12.75	13.75	0.93
Southern High Plains	7	0.5	24.1	408	2,098	3,205	3,219	5.14	7.86	1.53
Smoky Hills	7	0.5	24.1	408	583	524	359	1.43	1.29	1.05
South-Central Prairies	4	0.3	13.8	233	524	757	1,696	2.25	3.25	1.13
Flint Hills	1	0.1	3.4	58	117	0	NE	2.00	0.00	0.00
Glaciated Plains	2	0.1	6.9	117	1,107	175	2,221	9.50	1.50	0.38
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	11	1.5		436	1,705	595	512	3.91	1.36	0.44
Northern High Plains	2	0.3	18.2	79	278	0	NE	3.50	0.00	0.00
Southern High Plains	6	0.8	54.5	238	1,071	516	485	4.50	2.17	0.63
Smoky Hills	2	0.3	18.2	79	278	79	1,008	3.50	1.00	0.50
South-Central Prairies	1	0.1	9.1	40	79	0	NE	2.00	0.00	0.00
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active small game hunter for State represents the % of respondents that hunted this species who also indicated that they hunted any small game this season, but for regions it represents the percent of the state total

^b 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 Squirrel, 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	219	10.2		11,201	66,593	71,810	19,172	5.95	6.41	1.38
Northern High Plains	1	0.0	0.5	51	409	409	NE	8.00	8.00	1.00
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	27	1.3	12.3	1,381	6,342	3,836	1,086	4.59	2.78	0.92
South-Central Prairies	26	1.2	11.9	1,330	5,115	5,728	2,071	3.85	4.31	1.57
Flint Hills	55	2.6	25.1	2,813	21,686	16,316	5,838	7.71	5.80	1.26
Glaciated Plains	48	2.2	21.9	2,455	14,168	25,471	17,125	5.77	10.38	1.78
Osage Cuestas	62	2.9	28.3	3,171	18,873	20,050	6,503	5.95	6.32	1.32
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	205	14.3		11,945	73,361	80,120	21,740	6.14	6.71	1.44
Northern High Plains	1	0.1	0.5	58	466	466	NE	8.00	8.00	1.00
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	23	1.6	11.2	1,340	6,468	3,962	1,204	4.83	2.96	0.96
South-Central Prairies	26	1.8	12.7	1,515	5,827	6,526	2,359	3.85	4.31	1.57
Flint Hills	51	3.6	24.9	2,972	23,949	18,005	6,559	8.06	6.06	1.32
Glaciated Plains	46	3.2	22.4	2,680	15,966	28,901	19,475	5.96	10.78	1.84
Osage Cuestas	58	4.0	28.3	3,380	20,685	22,259	7,339	6.12	6.59	1.37
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	14	2.0		555	1,705	1,150	857	3.07	2.07	0.57
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	4	0.6	28.6	159	516	278	242	3.25	1.75	0.70
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	4	0.6	28.6	159	516	397	1,100	3.25	2.50	0.50
Glaciated Plains	2	0.3	14.3	79	119	79	1,008	1.50	1.00	0.50
Osage Cuestas	4	0.6	28.6	159	555	397	757	3.50	2.50	0.55
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active small game hunter for State represents the % of respondents that hunted this species who also indicated that they hunted any small game this season, but for regions it represents the percent of the state total

^b 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. Mean number of Upland Game hunting days and proportion occurring on Public Land in 2015-2016.

Year	Sample Active Hunters	Mean No. Upland Days	Mean No. Public Upland Days	Percent on Public Land
2015	1,732	5.93	1.24	21.29

Table 17. Number and percent of non-resident respondents by state or country of residence 2015-2016.

State/Country	Number	Percent	State/Country	Number	Percent
Colorado	243	14.86	South Carolina	16	0.98
Texas	190	11.62	Wyoming	16	0.98
Missouri	164	10.03	Arizona	15	0.92
Oklahoma	152	9.30	Utah	14	0.86
Arkansas	122	7.46	Ohio	11	0.67
Louisiana	61	3.73	Washington	11	0.67
Michigan	50	3.06	West Virginia	9	0.55
Nebraska	43	2.63	Maryland	8	0.49
Mississippi	41	2.51	Alaska	7	0.43
Georgia	38	2.32	Nevada	7	0.43
Wisconsin	36	2.20	South Dakota	7	0.43
Minnesota	34	2.08	Canada	6	0.37
Pennsylvania	34	2.08	Idaho	5	0.31
Illinois	29	1.77	New Jersey	5	0.31
North Carolina	27	1.65	Maine	4	0.24
Florida	26	1.59	Montana	4	0.24
Kentucky	26	1.59	Vermont	4	0.24
California	24	1.47	North Dakota	3	0.18
Tennessee	22	1.35	Connecticut	2	0.12
New Mexico	21	1.28	Massachusetts	2	0.12
Alabama	19	1.16	Australia	1	0.06
Iowa	19	1.16	Finland	1	0.06
Indiana	18	1.10	New Hampshire	1	0.06
Virginia	17	1.04	Oregon	1	0.06
New York	16	0.98	Rhode Island	1	0.06

Table 18. Regional breakdown of hunting activity as indicated by sample sizes for the 2015-2016 season. State values in () indicate percent of the total active respondents. Regional values in () indicate percent of the state total for the species.

Region	Dove	Bobwhite	Pheasant	^a Greater Prairie Chicken (Regular)	Cottontail	Jackrabbit	Squirrel
All Hunters (Resident and Non-Resident)							
State	649 (37)	1,072 (62)	1,421 (82)	52 (3)	306 (18)	40 (2)	219 (13)
Northern High Plains	56 (9)	93 (18)	288 (20)	8 (15)	28 (9)	10 (25)	1 (0)
Southern High Plains	49 (8)	96 (9)	182 (13)	0 (0)	23 (8)	13 (33)	0 (0)
Smoky Hills	162 (25)	379 (35)	526 (37)	25 (48)	57 (19)	9 (23)	27 (12)
South-Central Prairies	118 (18)	238 (22)	261 (18)	0 (0)	41 (13)	5 (13)	26 (12)
Flint Hills	106 (16)	147 (14)	111 (8)	16 (31)	49 (16)	1 (3)	55 (25)
Glaciated Plains	76 (12)	55 (5)	43 (3)	0 (0)	53 (17)	2 (6)	48 (22)
Osage Cuestas	82 (13)	64 (6)	10 (1)	3 (6)	55 (18)	0 (0)	62 (28)
Resident							
State	565 (39)	699 (49)	867 (60)	23 (2)	252 (18)	29 (2)	205 (14)
Northern High Plains	40 (7)	43 (6)	137 (16)	0 (0)	15 (6)	8 (28)	1 (0)
Southern High Plains	39 (7)	46 (7)	99 (11)	0 (0)	17 (7)	7 (24)	0 (0)
Smoky Hills	133 (24)	227 (32)	313 (36)	8 (35)	37 (15)	7 (24)	23 (11)
South-Central Prairies	107 (19)	174 (25)	192 (22)	0 (0)	38 (15)	4 (13)	26 (13)
Flint Hills	100 (18)	112 (17)	84 (10)	12 (5)	46 (18)	1 (4)	51 (25)
Glaciated Plains	71 (13)	46 (7)	36 (4)	0 (0)	51 (20)	2 (7)	46 (22)
Osage Cuestas	75 (13)	51 (7)	6 (1)	3 (13)	48 (19)	0 (0)	58 (28)
Non-Resident							
State	84 (12)	373 (52)	554 (78)	29 (4)	54 (8)	11 (2)	14 (2)
Northern High Plains	16 (19)	50 (13)	151 (27)	8 (28)	13 (24)	2 (18)	0 (0)
Southern High Plains	10 (12)	50 (13)	83 (15)	0 (0)	6 (11)	6 (55)	0 (0)
Smoky Hills	29 (35)	152 (41)	213 (38)	17 (59)	20 (37)	2 (18)	4 (29)
South-Central Prairies	11 (13)	64 (17)	69 (12)	0 (0)	3 (6)	1 (9)	0 (0)
Flint Hills	6 (7)	35 (9)	27 (5)	4 (14)	3 (6)	0 (0)	4 (29)
Glaciated Plains	5 (6)	9 (2)	7 (1)	0 (0)	2 (4)	0 (0)	2 (14)
Osage Cuestas	7 (8)	13 (3)	4 (1)	0 (0)	7 (13)	0 (0)	4 (29)

*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

^a Prairie Chickens were calculated by historic counties dominated by either species (see introduction for list of counties).

Prairie Dog Hunter Activity Tables

Table 19. All hunter activity for prairie dog, 2015-2016 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	85	4.0		4,347	12,838	112,881	45,045	2.95	25.96	9.67
Northern High Plains	35	1.6	41.2	1,790	5,677	59,381	40,562	3.17	33.17	10.17
Southern High Plains	27	1.3	31.8	1,381	4,757	29,205	13,101	3.44	21.15	7.60
Smoky Hills	11	0.5	12.9	563	1,023	10,178	16,574	1.82	18.09	7.41
South-Central Prairies	12	0.6	14.1	614	1,381	14,117	10,831	2.25	23.00	14.97
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	61	4.3		3,554	11,304	88,336	42,268	3.18	24.85	9.97
Northern High Plains	27	1.9	44.3	1,573	5,244	47,256	37,953	3.33	30.04	10.02
Southern High Plains	17	1.2	27.9	991	3,904	17,306	8,966	3.94	17.47	6.42
Smoky Hills	9	0.6	14.8	524	991	10,955	19,542	1.89	20.89	8.39
South-Central Prairies	8	0.6	13.1	466	1,165	12,819	12,375	2.50	27.50	19.09
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	24	3.4		952	2,261	27,405	21,236	2.38	28.79	8.93
Northern High Plains	8	1.1	33.3	317	833	13,881	22,436	2.63	43.75	10.68
Southern High Plains	10	1.4	41.7	397	1,031	10,867	9,156	2.60	27.40	9.61
Smoky Hills	2	0.3	8.3	79	119	436	4,535	1.50	5.50	3.00
South-Central Prairies	4	0.6	16.7	159	278	2,221	4,473	1.75	14.00	6.71
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Coyote Hunter Activity Tables

Table 20. All hunter activity for Coyote, 2015-2016 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	466	21.7		23,834	146,024	74,316	16,600	6.13	3.12	0.52
Northern High Plains	44	2.0	9.4	2,250	10,485	4,603	2,076	4.66	2.05	0.42
Southern High Plains	27	1.3	5.8	1,381	5,728	3,529	1,858	4.15	2.56	0.71
Smoky Hills	103	4.8	22.1	5,268	27,773	13,912	5,315	5.27	2.64	0.59
South-Central Prairies	62	2.9	13.3	3,171	15,549	12,275	10,972	4.90	3.87	0.55
Flint Hills	91	4.2	19.5	4,654	31,660	14,884	7,655	6.80	3.20	0.49
Glaciated Plains	72	3.4	15.5	3,683	31,762	10,127	4,624	8.63	2.75	0.40
Osage Cuestas	67	3.1	14.4	3,427	23,067	14,986	6,986	6.73	4.37	0.56
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	404	28.2		23,541	156,452	79,887	18,767	6.65	3.39	0.51
Northern High Plains	30	2.1	7.4	1,748	9,148	4,603	2,238	5.23	2.63	0.45
Southern High Plains	18	1.3	4.5	1,049	5,302	2,972	1,904	5.06	2.83	0.62
Smoky Hills	85	5.9	21.0	4,953	29,134	14,625	5,982	5.88	2.95	0.56
South-Central Prairies	55	3.8	13.6	3,205	16,723	13,169	12,521	5.22	4.11	0.51
Flint Hills	84	5.9	20.8	4,895	34,845	16,199	8,686	7.12	3.31	0.47
Glaciated Plains	70	4.9	17.3	4,079	35,952	11,421	5,261	8.81	2.80	0.40
Osage Cuestas	62	4.3	15.3	3,613	25,347	16,898	7,907	7.02	4.68	0.59
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	62	8.7		2,459	6,742	3,252	1,168	2.74	1.32	0.63
Northern High Plains	14	2.0	22.6	555	1,904	436	420	3.43	0.79	0.35
Southern High Plains	9	1.3	14.5	357	833	714	812	2.33	2.00	0.91
Smoky Hills	18	2.5	29.0	714	1,705	833	520	2.39	1.17	0.73
South-Central Prairies	7	1.0	11.3	278	674	555	419	2.43	2.00	0.85
Flint Hills	7	1.0	11.3	278	833	516	733	3.00	1.86	0.75
Glaciated Plains	2	0.3	3.2	79	159	79	1,008	2.00	1.00	0.50
Osage Cuestas	5	0.7	8.1	198	635	119	135	3.20	0.60	0.20
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 21. All hunter activity for coyote hunters without a furharvester license, 2015-2016 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	395	18.4		20,203	112,421	50,686	12,467	5.56	2.51	0.51
Northern High Plains	34	1.6	8.6	1,739	8,542	3,376	1,936	4.91	1.94	0.36
Southern High Plains	26	1.2	6.6	1,330	4,706	2,762	1,270	3.54	2.08	0.71
Smoky Hills	85	4.0	21.5	4,347	19,333	9,513	4,878	4.45	2.19	0.60
South-Central Prairies	57	2.7	14.4	2,915	12,326	8,183	8,562	4.23	2.81	0.54
Flint Hills	74	3.4	18.7	3,785	24,295	9,564	4,995	6.42	2.53	0.48
Glaciated Plains	63	2.9	15.9	3,222	25,522	7,161	3,423	7.92	2.22	0.38
Osage Cuestas	56	2.6	14.2	2,864	17,697	10,127	4,805	6.18	3.54	0.51
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	333	23.2		19,404	118,169	52,966	14,067	6.09	2.73	0.48
Northern High Plains	20	1.4	6.0	1,165	6,934	3,205	2,100	5.95	2.75	0.37
Southern High Plains	17	1.2	5.1	991	4,137	2,098	1,063	4.18	2.12	0.61
Smoky Hills	67	4.7	20.1	3,904	19,520	9,614	5,514	5.00	2.46	0.56
South-Central Prairies	50	3.5	15.0	2,913	13,052	8,507	9,782	4.48	2.92	0.49
Flint Hills	67	4.7	20.1	3,904	26,454	10,139	5,641	6.78	2.60	0.45
Glaciated Plains	61	4.3	18.3	3,554	28,843	8,041	3,894	8.11	2.26	0.38
Osage Cuestas	51	3.6	15.3	2,972	19,229	11,362	5,429	6.47	3.82	0.54
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	62	8.7		2,459	6,742	3,252	1,168	2.74	1.32	0.63
Northern High Plains	14	2.0	22.6	555	1,904	436	420	3.43	0.79	0.35
Southern High Plains	9	1.3	14.5	357	833	714	812	2.33	2.00	0.91
Smoky Hills	18	2.5	29.0	714	1,705	833	520	2.39	1.17	0.73
South-Central Prairies	7	1.0	11.3	278	674	555	419	2.43	2.00	0.85
Flint Hills	7	1.0	11.3	278	833	516	733	3.00	1.86	0.75
Glaciated Plains	2	0.3	3.2	79	159	79	1,008	2.00	1.00	0.50
Osage Cuestas	5	0.7	8.1	198	635	119	135	3.20	0.60	0.20
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 22. All hunter activity for coyote hunters with a furharvester license, 2015-2016 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	71	3.3		3,631	33,603	23,630	10,739	9.25	6.51	0.60
Northern High Plains	10	0.5	14.1	511	1,944	1,228	932	3.80	2.40	0.61
Southern High Plains	1	0.0	1.4	51	1,023	767	NE	20.00	15.00	0.75
Smoky Hills	18	0.8	25.4	921	8,439	4,399	2,063	9.17	4.78	0.54
South-Central Prairies	5	0.2	7.0	256	3,222	4,092	9,608	12.60	16.00	0.70
Flint Hills	17	0.8	23.9	869	7,365	5,319	6,188	8.47	6.12	0.54
Glaciated Plains	9	0.4	12.7	460	6,240	2,967	3,503	13.56	6.44	0.51
Osage Cuestas	11	0.5	15.5	563	5,370	4,859	5,622	9.55	8.64	0.82
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	71	5.0		4,137	38,283	26,920	12,234	9.25	6.51	0.60
Northern High Plains	10	0.7	14.1	583	2,214	1,398	1,062	3.80	2.40	0.61
Southern High Plains	1	0.1	1.4	58	1,165	874	NE	20.00	15.00	0.75
Smoky Hills	18	1.3	25.4	1,049	9,614	5,011	2,350	9.17	4.78	0.54
South-Central Prairies	5	0.3	7.0	291	3,671	4,662	10,946	12.60	16.00	0.70
Flint Hills	17	1.2	23.9	991	8,391	6,060	7,050	8.47	6.12	0.54
Glaciated Plains	9	0.6	12.7	524	7,109	3,380	3,991	13.56	6.44	0.51
Osage Cuestas	11	0.8	15.5	641	6,118	5,536	6,405	9.55	8.64	0.82
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*Furharvester licenses are generally purchased by residents only

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Waterfowl Hunting Estimates

Table 23. All hunter activity for teal, 2015 special early season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	104	4.8		5,319	15,395	40,457	10,062	2.89	7.61	2.39
Northern High Plains	3	0.1	2.9	153	256	716	582	1.67	4.67	3.33
Southern High Plains	4	0.2	3.8	205	511	869	1,849	2.50	4.25	1.42
Smoky Hills	46	2.1	44.2	2,353	6,803	23,834	7,048	2.89	10.13	3.13
South-Central Prairies	15	0.7	14.4	767	1,995	3,273	1,527	2.60	4.27	1.83
Flint Hills	12	0.6	11.5	614	1,688	2,915	2,143	2.75	4.75	1.88
Glaciated Plains	13	0.6	12.5	665	1,892	3,631	2,447	2.85	5.46	1.81
Osage Cuestas	11	0.5	10.6	563	2,250	5,217	6,955	4.00	9.27	1.45
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	98	6.8		5,710	16,548	43,643	11,379	2.90	7.64	2.37
Northern High Plains	3	0.2	3.1	175	291	816	663	1.67	4.67	3.33
Southern High Plains	4	0.3	4.1	233	583	991	2,106	2.50	4.25	1.42
Smoky Hills	43	3.0	43.9	2,506	7,284	25,463	7,958	2.91	10.16	3.08
South-Central Prairies	14	1.0	14.3	816	2,098	3,321	1,718	2.57	4.07	1.79
Flint Hills	11	0.8	11.2	641	1,632	3,088	2,480	2.55	4.82	1.98
Glaciated Plains	12	0.8	12.2	699	2,098	4,021	2,785	3.00	5.75	1.79
Osage Cuestas	11	0.8	11.2	641	2,564	5,943	7,924	4.00	9.27	1.45
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	6	0.8		238	674	1,666	1,413	2.83	7.00	2.77
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	3	0.4	50.0	119	317	1,150	2,138	2.67	9.67	3.83
South-Central Prairies	1	0.1	16.7	40	119	278	NE	3.00	7.00	2.33
Flint Hills	1	0.1	16.7	40	198	159	NE	5.00	4.00	0.80
Glaciated Plains	1	0.1	16.7	40	40	79	NE	1.00	2.00	2.00
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a% Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b% Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 24. All hunter activity for ducks, 2015-2016 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	404	18.8		20,663	147,149	305,346	54,302	7.12	14.78	1.81
Northern High Plains	9	0.4	2.2	460	1,432	3,171	2,269	3.11	6.89	2.27
Southern High Plains	8	0.4	2.0	409	1,790	4,399	4,260	4.38	10.75	2.54
Smoky Hills	73	3.4	18.1	3,734	19,589	42,503	12,270	5.25	11.38	1.97
South-Central Prairies	85	4.0	21.0	4,347	30,586	64,496	33,946	7.04	14.84	1.79
Flint Hills	74	3.4	18.3	3,785	24,397	45,981	12,991	6.45	12.15	1.93
Glaciated Plains	52	2.4	12.9	2,660	19,538	35,598	11,764	7.35	13.38	1.64
Osage Cuestas	103	4.8	25.5	5,268	49,817	109,198	36,826	9.46	20.73	1.61
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	305	21.3		17,772	147,012	299,211	60,504	8.27	16.84	1.67
Northern High Plains	4	0.3	1.3	233	1,107	2,331	2,982	4.75	10.00	1.81
Southern High Plains	5	0.3	1.6	291	1,457	2,680	4,890	5.00	9.20	1.94
Smoky Hills	43	3.0	14.1	2,506	16,082	33,912	12,541	6.42	13.53	1.83
South-Central Prairies	68	4.7	22.3	3,962	31,640	65,494	38,498	7.99	16.53	1.59
Flint Hills	59	4.1	19.3	3,438	24,531	44,226	14,419	7.14	12.86	1.82
Glaciated Plains	43	3.0	14.1	2,506	19,811	34,553	12,860	7.91	13.79	1.53
Osage Cuestas	83	5.8	27.2	4,836	52,384	116,013	41,117	10.83	23.99	1.59
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	99	13.9		3,926	14,040	33,116	7,138	3.58	8.43	2.25
Northern High Plains	5	0.7	5.1	198	357	873	994	1.80	4.40	2.63
Southern High Plains	3	0.4	3.0	119	397	1,586	3,754	3.33	13.33	3.53
Smoky Hills	30	4.2	30.3	1,190	4,244	9,875	4,279	3.57	8.30	2.18
South-Central Prairies	17	2.4	17.2	674	2,181	5,433	2,932	3.24	8.06	2.59
Flint Hills	15	2.1	15.2	595	2,221	5,552	2,569	3.73	9.33	2.36
Glaciated Plains	9	1.3	9.1	357	1,666	4,085	3,290	4.67	11.44	2.19
Osage Cuestas	20	2.8	20.2	793	2,974	5,711	3,446	3.75	7.20	1.71
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a% Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b% Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 25. All hunter activity for all goose species, 2015-2016 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	296	13.8		15,139	103,214	187,197	43,715	6.82	12.36	1.58
Northern High Plains	6	0.3	2.0	307	1,586	2,199	3,230	5.17	7.17	1.03
Southern High Plains	4	0.2	1.4	205	767	2,199	2,485	3.75	10.75	3.28
Smoky Hills	60	2.8	20.3	3,069	17,032	38,769	25,208	5.55	12.63	1.49
South-Central Prairies	66	3.1	22.3	3,376	25,215	45,572	19,867	7.47	13.50	1.76
Flint Hills	56	2.6	18.9	2,864	21,124	36,928	16,101	7.38	12.89	1.68
Glaciated Plains	53	2.5	17.9	2,711	17,850	27,210	14,807	6.58	10.04	1.41
Osage Cuestas	51	2.4	17.2	2,608	19,640	34,319	22,041	7.53	13.16	1.49
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	249	17.4		14,509	109,487	193,453	47,987	7.55	13.33	1.49
Northern High Plains	6	0.4	2.4	350	1,806	2,506	3,679	5.17	7.17	1.03
Southern High Plains	3	0.2	1.2	175	699	1,340	2,392	4.00	7.67	2.14
Smoky Hills	37	2.6	14.9	2,156	15,674	40,788	28,255	7.27	18.92	1.69
South-Central Prairies	61	4.3	24.5	3,554	27,969	47,722	22,263	7.87	13.43	1.54
Flint Hills	49	3.4	19.7	2,855	23,074	40,380	18,176	8.08	14.14	1.63
Glaciated Plains	46	3.2	18.5	2,680	18,529	22,026	12,543	6.91	8.22	1.09
Osage Cuestas	47	3.3	18.9	2,739	21,734	38,691	25,027	7.94	14.13	1.55
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	47	6.6		1,864	5,513	13,484	8,974	2.96	7.23	2.06
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	1	0.1	2.1	40	119	793	NE	3.00	20.00	6.67
Smoky Hills	23	3.2	48.9	912	2,538	2,300	1,247	2.78	2.52	1.15
South-Central Prairies	5	0.7	10.6	198	516	2,856	4,549	2.60	14.40	4.40
Flint Hills	7	1.0	14.9	278	674	1,150	686	2.43	4.14	2.05
Glaciated Plains	7	1.0	14.9	278	1,229	6,108	9,430	4.43	22.00	3.51
Osage Cuestas	4	0.6	8.5	159	436	278	126	2.75	1.75	0.71
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

*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

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Other Migratory Bird Hunting Estimates

Table 26: All Hunter Activity for Woodcock for 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	1	0.0		51	102	0	NE	2.00	0.00	0.00
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	1	0.0	100.0	51	102	0	NE	2.00	0.00	0.00
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

^a% Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b% Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 27: All Hunter Activity for Snipe, for 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	3	0.1		153	256	614	381	1.67	4.00	2.83
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	3	0.1	100.0	153	256	614	381	1.67	4.00	2.83
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

^a% Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b% Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 28: All Hunter Activity for Rail for 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	1	0.0		51	51	205	NE	1.00	4.00	4.00
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	1	0.0	100.0	51	51	205	NE	1.00	4.00	4.00
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 29: All Hunter Activity for Crane, for 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	5	0.2		256	921	1,074	2,305	3.60	4.20	0.85
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	4	0.2	80.0	205	563	205	460	2.75	1.00	0.46
South-Central Prairies	1	0.0	20.0	51	358	869	NE	7.00	17.00	2.43
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 30: All Hunter Activity for Coos, for 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	3	0.1		153	307	1,432	3,837	2.00	9.33	4.89
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	1	0.0	33.3	51	153	1,023	NE	3.00	20.00	6.67
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	1	0.0	33.3	51	51	409	NE	1.00	8.00	8.00
Glaciated Plains	1	0.0	33.3	51	102	0	NE	2.00	0.00	0.00
Osage Cuestas	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest

Table 31: All Hunter Activity for Crow, for 2015-2016 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	44	2.0		2,250	10,281	27,057	21,451	4.57	12.02	3.06
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	3	0.1	6.8	153	205	767	1,747	1.33	5.00	3.33
South-Central Prairies	3	0.1	6.8	153	972	307	1,008	6.33	2.00	0.85
Flint Hills	18	0.8	40.9	921	4,552	20,356	21,434	4.94	22.11	5.16
Glaciated Plains	11	0.5	25.0	563	3,171	2,148	1,422	5.64	3.82	0.84
Osage Cuestas	9	0.4	20.5	460	1,381	3,478	5,014	3.00	7.56	2.22
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

^a % Active SG hunter represents the % of respondents that hunted this species who also indicated that they hunted any small game

^b % Active in region represents % of hunters pursuing this species that primarily hunted in each respective region

^c Confidence Intervals provide a range of values above and below the estimated total harvest where there is 95% probability that the true total harvest