

SMALL GAME HUNTER ACTIVITY SURVEY – 2023

STATEWIDE WILDLIFE RESEARCH AND SURVEYS

**Performance Report
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KANSAS DEPARTMENT OF WILDLIFE, PARKS, and TOURISM

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SMALL GAME HUNTER ACTIVITY SURVEY - 2023

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

Procedure: A random sample of 19,951 Kansas residents and 10,250 non-residents with valid hunting, combination, and lifetime licenses for the 2023-2024 hunting season (stratified sample of 10% of all license types) were selected. The following are not required to have a hunting license: 1) owners of land or tenants of land leased for agriculture while hunting on the land they own/operate 2) Immediate family members living with resident/non-resident landowners' tenants, while hunting on land they own/operate, 3) residents 15 and younger 4) residents 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 2024 of their selection for the survey and asked to complete an on-line questionnaire of their hunting activity for the 2023-2024 season. 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. Non-respondents that receive a postcard notification are sent a reminder 2 weeks after the initial request.

To generate hunter and harvest estimates, answers from respondents were used to estimate percentage of active small game hunters for all license holders during the 2023-2024 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 the status of the species has been in flux ever since this initial listing. As such prairie chicken hunting has been closed since 2014 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 where Greater prairie chickens are dominant. 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 conducted annually began after the 2012-2013 season. A more specific prairie chicken harvest and hunter information is included therein.

Results: From the 28,863 deliverable notifications, 8,005 usable responses were obtained for an overall response rate of 28%. These included 4,790 responses from resident hunters and 3,215 responses from non-resident hunters. Of these, 3,400 (42%) 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 2023-2024 seasons.

A summary of historic small game hunting season regulations follows.

Table 1. Historic small game regulations, Kansas, 1957-2023.

Years	Season Dates	Daily Bag	Possession	Open Area
<u>DOVE</u>				
2016-2023	Sept. 1 – Nov. 29th	15	45	statewide
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 - 2023	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 - 2023	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

1959	Nov. 7-26	4	8	all counties west (63 co's). 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>				
2021 - 2023	Sept. 15 -Jan 31	2	8	Greater Prairie Chicken unit
2015 - 2020	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>				
2021 - 2023	Year Round	10	40	statewide
1993 - 2020	Year Round	10	30	statewide
1971 - 1992	Year Round	10	20	Statewide; 1975 to 1993 No Limit on Jackrabbits
1957 - 1970	Dec.15-Oct.15 plus bird Season	10	20	Statewide
<u>SQUIRREL</u>				
1997 - 2023	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 - 2023.

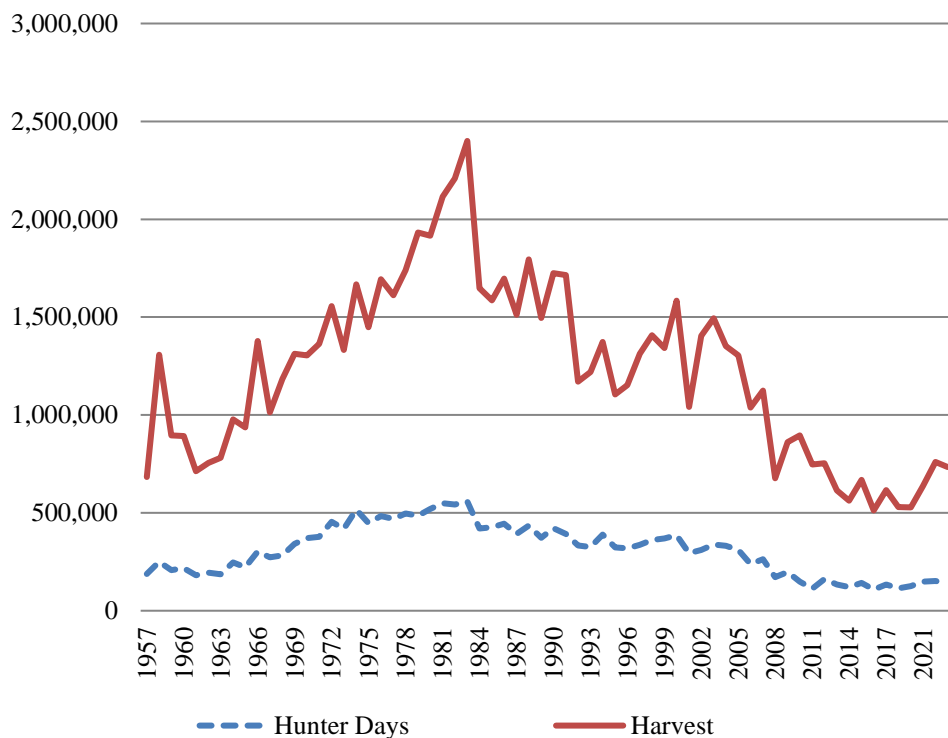


Table 2: Estimated Annual **DOVE** hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg Bag Per Day
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	4.10	19.20	5.30
2015	32	33,340	141,490	669,303	4.20	20.00	4.90
2016	24	26,799	108,252	512,441	4.00	19.10	5.00
2017	27	31,997	133,697	615,757	4.10	19.20	5.10
2018	26	31,101	113,732	529,846	3.60	17.00	5.10
2019	23	32,109	126,106	528,069	3.90	16.40	4.60
2020	26	38,176	149,355	662,417	3.90	17.30	4.60
2021	25	38,431	148,484	636,836	3.80	16.50	4.60
2022	28	38,123	151,408	760,671	3.90	19.90	5.40
2023	27	35,106	138,078	734,583	3.90	20.90	5.60

*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 - 2023.

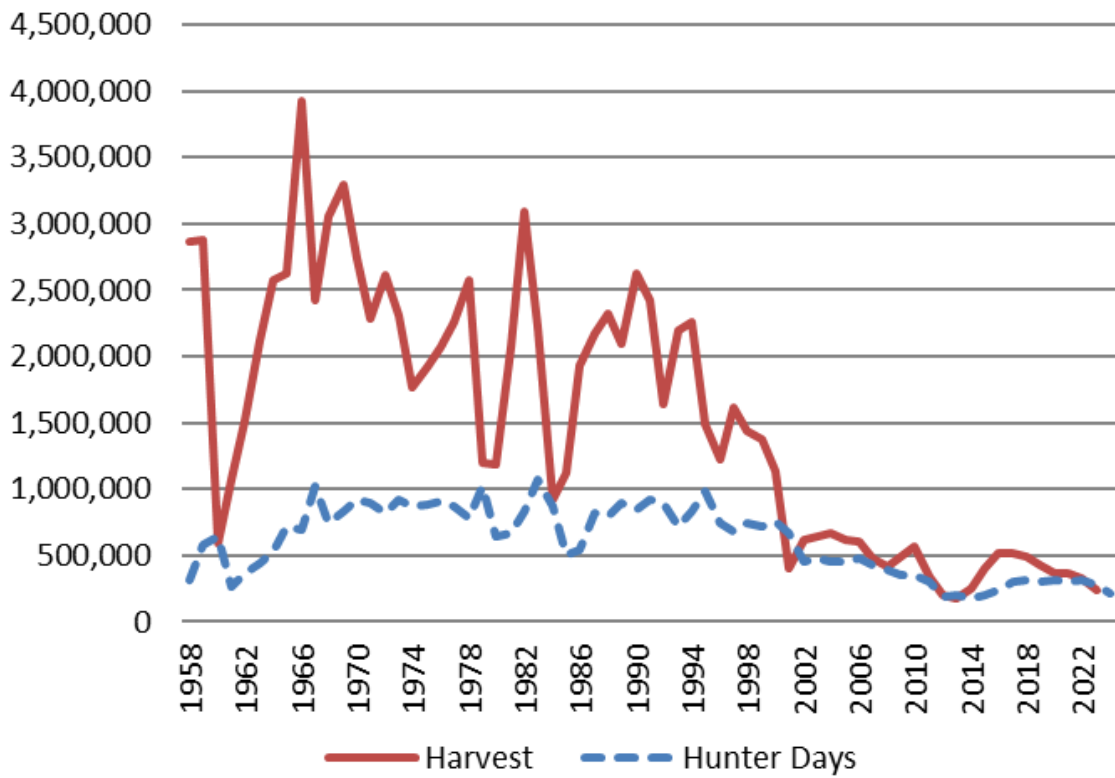


Table 3: Estimated Annual **QUAIL** hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg Bag Per Day
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	4.50	5.80	1.30
2015	52	54,561	238,493	407,800	4.30	7.40	1.60
2016	56	62,653	300,441	519,795	4.80	8.30	1.60
2017	56	65,246	316,116	518,163	4.80	7.90	1.60
2018	55	66,038	301,131	488,489	4.50	7.40	1.50
2019	46	64,710	316,474	426,996	4.80	6.60	1.40
2020	42	61,381	296,323	364,285	4.80	5.90	1.20
2021	44	66,544	309,805	368,590	4.60	5.50	1.20
2022	41	56,684	275,079	320,627	4.80	5.60	1.10
2023	37	47,490	217,455	242,336	4.50	5.10	1.20

*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 - 2023.

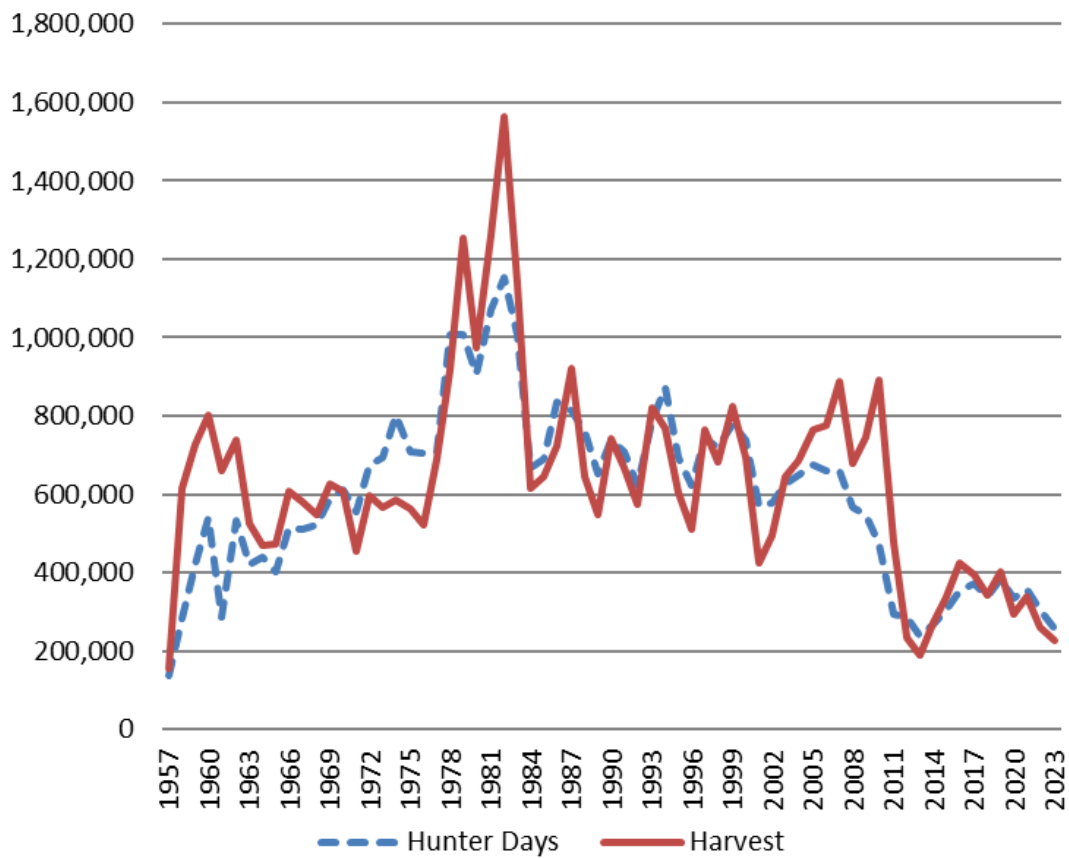


Table 4: Estimated Annual PHEASANT hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. ^a Total Harvest	Season Days Per Hunter	Season ^a Bag Per Hunter	Avg ^a Bag Per Day
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
^c 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	4.20	4.20	1.10
2015	69	72,202	303,536	338,870	4.20	4.60	1.20
2016	72	79,523	353,441	422,621	4.40	5.30	1.30
2017	69	80,018	370,696	396,334	4.60	4.90	1.10
2018	67	80,421	337,069	343,947	4.10	4.20	1.10
2019	61	85,444	382,886	402,098	4.40	4.70	1.20
2020	53	78,160	335,192	295,053	4.20	3.70	1.00
2021	57	86,450	358,842	338,161	4.10	3.90	1.00
2022	53	73,952	305,074	258,729	4.10	3.50	1.00
2023	51	65,971	257,159	226,809	3.90	3.40	1.10

*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, 1957-2023.

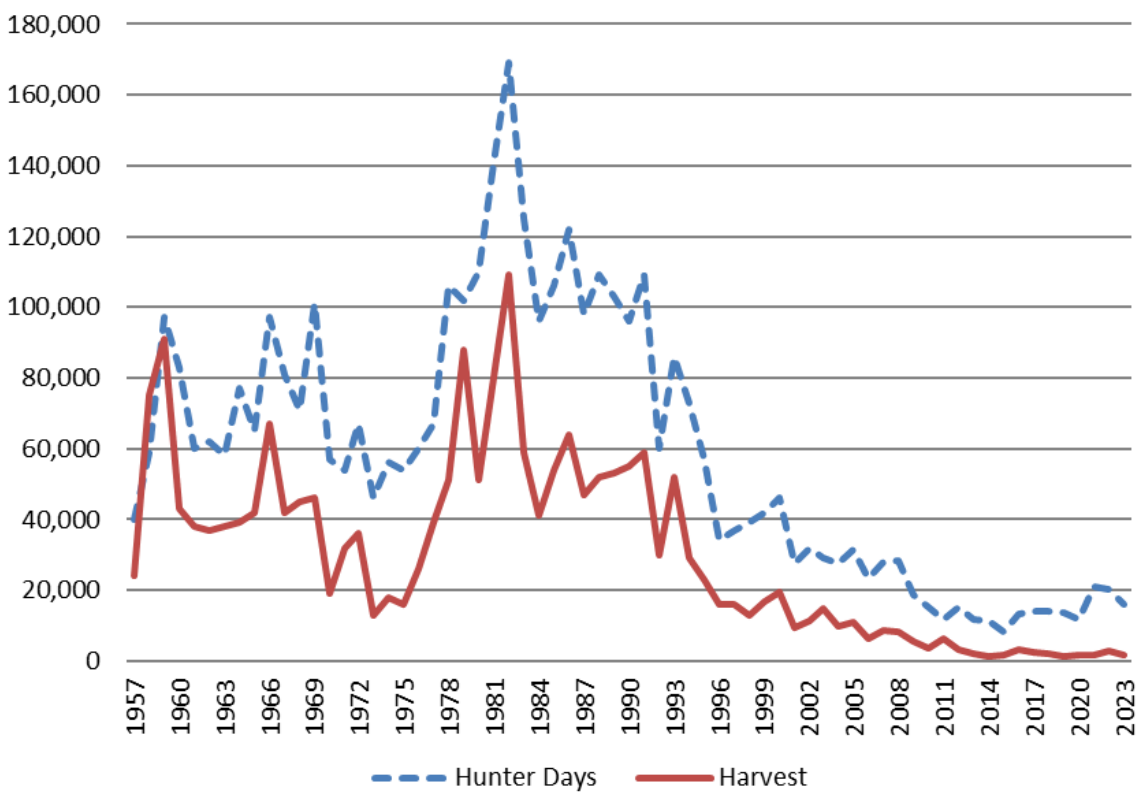


Table 5: Estimated Annual **GREATER PRAIRIE CHICKEN** hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg Bag Per Day
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
^f 2006	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	3.50	0.40	0.20
2015	2	2,557	8,218	1,826	3.20	0.70	0.20
2016	3	3,264	13,296	3,022	4.00	0.90	0.20
2017	3	3,956	13,868	2,267	3.50	0.50	0.20
2018	3	3,710	14,107	2,100	3.80	0.50	0.10
2019	3	3,851	13,774	1,249	3.50	0.30	0.10
2020	3	4,733	11,795	1,510	2.40	0.30	0.10
2021	4	5,850	20,864	1,666	3.50	0.20	0.10
2022	3	4,713	20,063	2,753	4.20	0.50	0.10
2023	3	4,090	16,057	1,477	3.90	0.30	0.10

*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 - 2023.

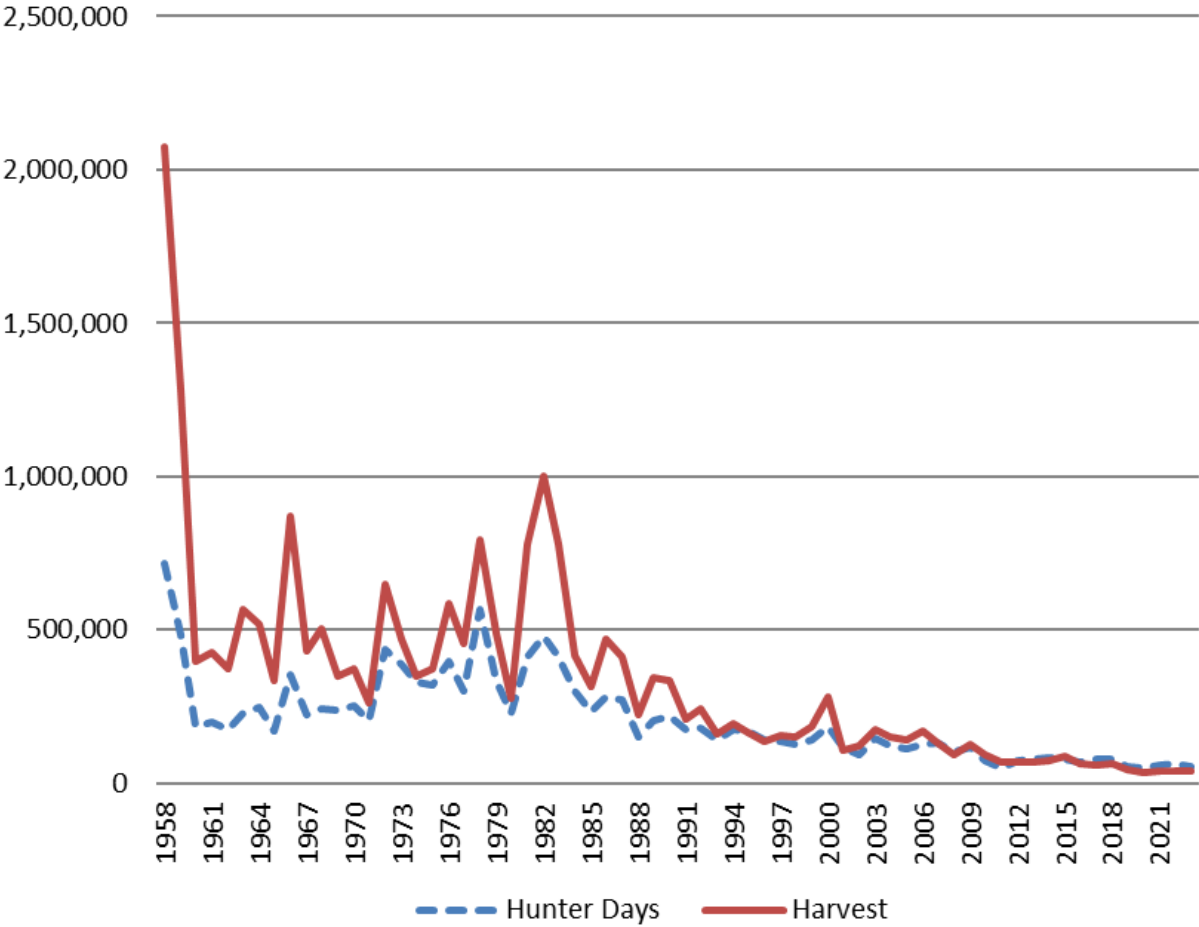


Table 6: Estimated Annual **COTTONTAIL** hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg Bag Per Day
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	6.10	5.60	1.30
2015	15	15,545	78,594	87,287	5.00	5.60	1.30
2016	11	12,411	67,709	62,975	5.40	5.00	1.10
2017	11	12,318	77,064	60,639	6.20	4.90	1.10
2018	12	13,841	79,337	63,203	5.70	4.50	0.90
2019	8	10,703	55,440	43,707	5.10	4.00	0.80
2020	8	12,199	50,375	32,980	4.10	2.70	0.80
2021	9	13,691	61,425	40,625	4.40	2.90	0.80
2022	9	12,013	64,526	38,665	5.30	3.20	0.80
2023	8	10,490	53,777	42,075	5.10	4.00	1.00

*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.

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Kansas Squirrel Harvest, 1957 - 2023.

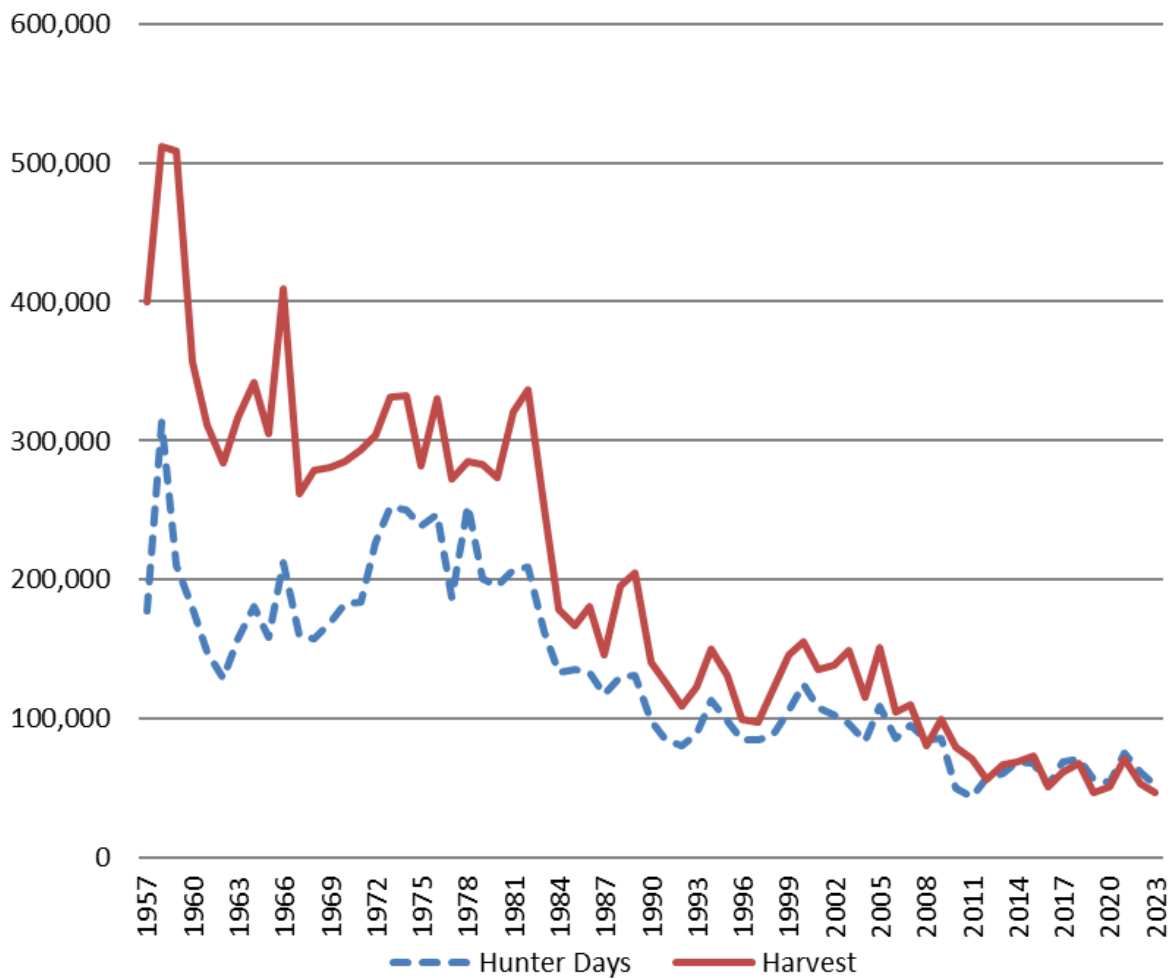


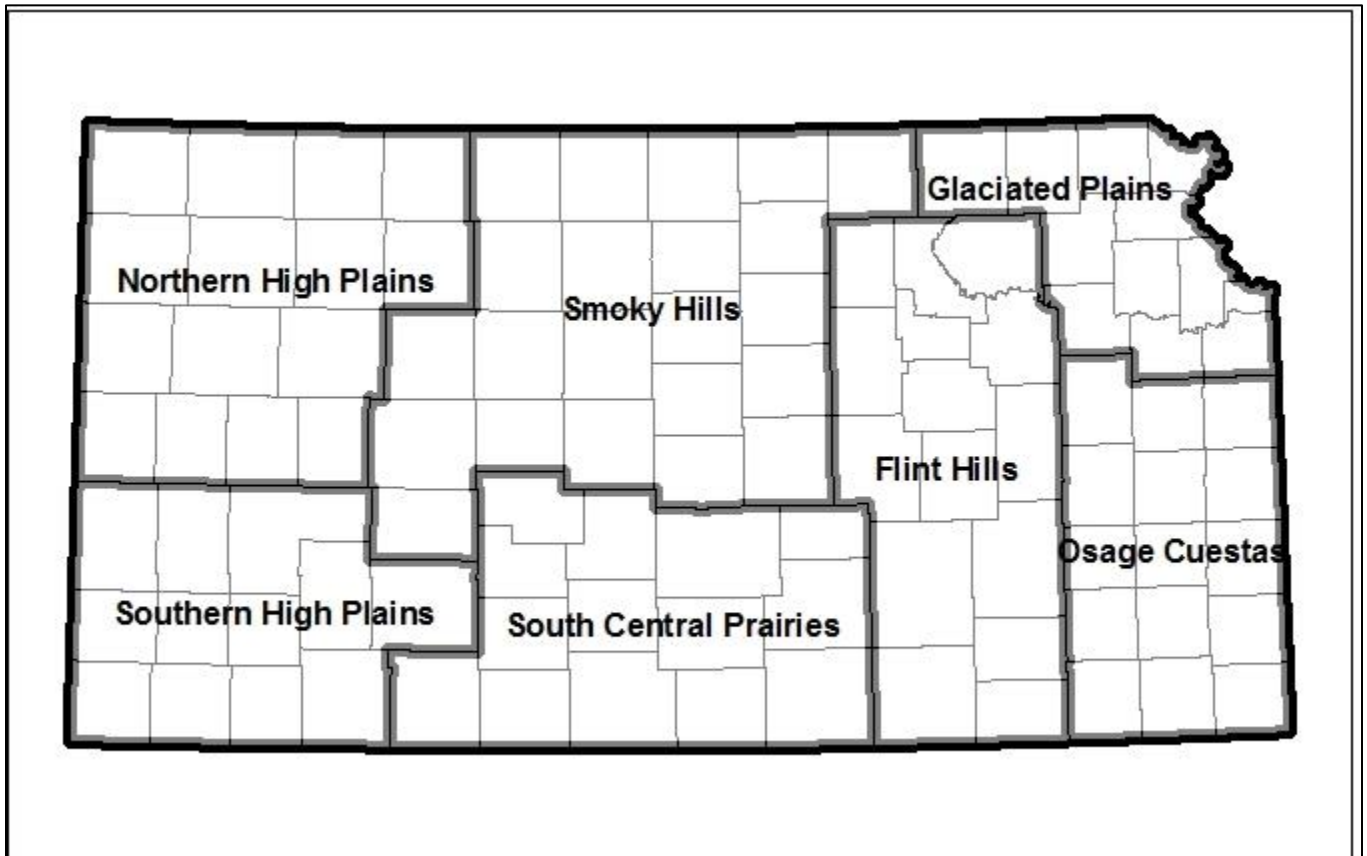
Table 7: Estimated Annual **SQUIRREL** hunting Activity

Season	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg Bag Per Day
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	6.40	6.40	1.30
2015	11	11,301	68,060	72,611	6.00	6.40	1.30
2016	9	9,469	51,713	51,253	5.40	5.40	1.20
2017	9	10,165	68,501	61,340	6.70	6.00	1.30
2018	9	10,756	71,082	67,664	6.60	6.20	1.20
2019	9	12,494	56,515	47,290	4.50	3.70	1.00
2020	8	12,199	54,647	50,875	4.40	4.10	1.00
2021	9	14,300	75,522	71,540	5.20	5.00	0.90
2022	9	12,221	61,982	52,805	5.00	4.30	1.10
2023	9	11,361	52,148	46,733	4.50	4.10	1.10

*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.

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Kansas small game regions for all species

Small Game Hunter Activity Tables 2023-2024

Table 8: All Hunter Activity for Dove, 2023-2024 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	927	27.2		35,106	138,078	734,583	11,815	3.93	20.92	5.60
Northern High Plains	66	1.9	7.1	2,499	8,786	59,760	3,215	3.52	23.91	7.24
Southern High Plains	64	1.9	6.9	2,424	10,566	73,167	6,039	4.36	30.19	8.73
Smoky Hills	265	7.8	28.6	10,036	43,741	274,527	5,969	4.36	27.35	6.68
South-Central Prairies	183	5.4	19.7	6,930	27,911	145,122	4,556	4.03	20.94	5.38
Flint Hills	135	4.0	14.6	5,113	19,541	79,188	3,447	3.82	15.49	4.08
Glaciated Plains	89	2.6	9.6	3,371	11,816	34,463	2,379	3.51	10.22	3.30
Osage Cuestas	125	3.7	13.5	4,734	15,716	68,357	3,330	3.32	14.44	4.45
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	802	38.9		33,560	135,663	691,454	11,820	4.04	20.60	5.38
Northern High Plains	42	2.0	5.2	1,758	6,528	38,916	2,856	3.71	22.14	6.70
Southern High Plains	57	2.8	7.1	2,385	10,922	69,673	5,795	4.58	29.21	7.89
Smoky Hills	222	10.8	27.7	9,290	42,097	255,927	6,141	4.53	27.55	6.62
South-Central Prairies	160	7.8	20.0	6,695	27,492	144,032	4,752	4.11	21.51	5.40
Flint Hills	127	6.2	15.8	5,314	20,546	82,979	3,728	3.87	15.61	4.03
Glaciated Plains	84	4.1	10.5	3,515	12,595	36,322	2,547	3.58	10.33	3.21
Osage Cuestas	110	5.3	13.7	4,603	15,483	63,605	3,324	3.36	13.82	4.26
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	125	9.4		4,012	12,965	92,200	4,169	3.23	22.98	7.01
Northern High Plains	24	1.8	19.2	770	2,439	20,796	1,704	3.17	27.00	8.18
Southern High Plains	7	0.5	5.6	225	578	8,569	2,941	2.57	38.14	15.60
Smoky Hills	43	3.2	34.4	1,380	4,782	36,360	1,920	3.47	26.35	6.96
South-Central Prairies	23	1.7	18.4	738	2,567	12,516	1,379	3.48	16.96	5.20
Flint Hills	8	0.6	6.4	257	802	3,466	751	3.13	13.50	4.94
Glaciated Plains	5	0.4	4.0	160	353	1,348	710	2.20	8.40	4.80
Osage Cuestas	15	1.1	12.0	481	1,444	9,146	1,298	3.00	19.00	5.86
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, 2023-2024 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	1,254	36.9		47,490	217,455	245,025	3,988	4.58	5.16	1.22
Northern High Plains	101	3.0	8.1	3,825	16,777	13,899	967	4.39	3.63	0.85
Southern High Plains	109	3.2	8.7	4,128	15,489	17,913	1,510	3.75	4.34	1.41
Smoky Hills	502	14.8	40.0	19,011	86,952	105,774	2,591	4.57	5.56	1.28
South-Central Prairies	223	6.6	17.8	8,445	36,545	43,514	1,568	4.33	5.15	1.19
Flint Hills	172	5.1	13.7	6,514	36,773	39,045	1,302	5.65	5.99	1.19
Glaciated Plains	70	2.1	5.6	2,651	11,891	10,112	780	4.49	3.81	0.97
Osage Cuestas	77	2.3	6.1	2,916	13,028	14,770	1,155	4.47	5.06	1.37
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	790	38.3		33,058	158,510	176,922	3,491	4.79	5.35	1.19
Northern High Plains	50	2.4	6.3	2,092	8,955	7,490	643	4.28	3.58	0.81
Southern High Plains	56	2.7	7.1	2,343	10,085	10,127	892	4.30	4.32	1.28
Smoky Hills	281	13.6	35.6	11,759	56,868	67,999	2,298	4.84	5.78	1.26
South-Central Prairies	156	7.6	19.7	6,528	29,627	37,284	1,439	4.54	5.71	1.21
Flint Hills	129	6.3	16.3	5,398	32,305	32,012	1,291	5.98	5.93	1.12
Glaciated Plains	56	2.7	7.1	2,343	9,583	8,704	828	4.09	3.71	0.97
Osage Cuestas	62	3.0	7.8	2,594	11,089	13,307	1,211	4.27	5.13	1.42
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	462	34.6		14,827	62,547	71,758	2,061	4.22	4.84	1.26
Northern High Plains	51	3.8	11.0	1,637	7,349	6,033	672	4.49	3.69	0.88
Southern High Plains	53	4.0	11.5	1,701	5,391	7,413	1,103	3.17	4.36	1.55
Smoky Hills	219	16.4	47.4	7,028	29,910	37,291	1,309	4.26	5.31	1.30
South-Central Prairies	67	5.0	14.5	2,150	8,248	8,280	760	3.84	3.85	1.16
Flint Hills	43	3.2	9.3	1,380	6,386	8,536	498	4.63	6.19	1.41
Glaciated Plains	14	1.0	3.0	449	2,728	1,893	219	6.07	4.21	0.96
Osage Cuestas	15	1.1	3.2	481	2,535	2,311	352	5.27	4.80	1.17
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, 2023-2024 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	1,742	51.2		65,971	257,159	226,809	4,393	3.90	3.44	1.11
Northern High Plains	297	8.7	17.0	11,248	45,371	38,212	1,167	4.03	3.40	0.85
Southern High Plains	198	5.8	11.4	7,498	29,653	27,078	1,216	3.95	3.61	1.18
Smoky Hills	657	19.3	37.7	24,881	105,442	71,046	2,177	4.24	2.86	0.85
South-Central Prairies	376	11.1	21.6	14,239	50,219	74,757	2,222	3.53	5.25	1.74
Flint Hills	129	3.8	7.4	4,885	17,534	8,029	1,780	3.59	1.64	0.86
Glaciated Plains	61	1.8	3.5	2,310	7,200	3,863	1,355	3.12	1.67	1.18
Osage Cuestas	24	0.7	1.4	909	1,620	3,825	803	1.78	4.21	2.64
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	963	46.7		40,297	168,695	117,837	3,446	4.19	2.92	0.87
Northern High Plains	145	7.0	15.1	6,068	24,982	21,509	857	4.12	3.54	0.82
Southern High Plains	104	5.0	10.8	4,352	19,667	15,064	957	4.52	3.46	1.00
Smoky Hills	379	18.4	39.4	15,859	71,681	41,092	1,633	4.52	2.59	0.68
South-Central Prairies	176	8.5	18.3	7,365	30,052	27,325	1,166	4.08	3.71	0.99
Flint Hills	95	4.6	9.9	3,975	15,064	6,779	1,876	3.79	1.71	0.88
Glaciated Plains	48	2.3	5.0	2,009	6,026	3,473	1,381	3.00	1.73	1.17
Osage Cuestas	16	0.8	1.7	670	1,214	2,594	804	1.81	3.88	2.70
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	776	58.1		24,903	88,194	101,603	2,525	3.54	4.08	1.41
Northern High Plains	152	11.4	19.6	4,878	19,286	15,886	746	3.95	3.26	0.87
Southern High Plains	94	7.0	12.1	3,017	10,045	11,393	717	3.33	3.78	1.38
Smoky Hills	276	20.7	35.6	8,857	34,173	28,498	1,319	3.86	3.22	1.07
South-Central Prairies	199	14.9	25.6	6,386	19,416	42,362	1,420	3.04	6.63	2.39
Flint Hills	34	2.5	4.4	1,091	3,305	1,605	466	3.03	1.47	0.78
Glaciated Plains	13	1.0	1.7	417	1,495	610	507	3.58	1.46	1.25
Osage Cuestas	8	0.6	1.0	257	440	1,252	382	1.71	4.88	2.50
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, 2023-2024.

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	110	3.2		4,166	16,209	1,477	310	3.89	0.35	0.16
Northern High Plains	15	0.4	13.6	568	3,143	38	81	5.53	0.07	0.07
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	59	1.7	53.6	2,234	9,695	1,098	227	4.34	0.49	0.18
South-Central Prairies	1	0.0	0.9	38	76	0	NE	2.00	0.00	0.00
Flint Hills	29	0.9	26.4	1,098	2,802	303	195	2.55	0.28	0.18
Glaciated Plains	2	0.1	1.8	76	114	0	NE	1.50	0.00	0.00
Osage Cuestas	4	0.1	3.6	151	379	38	121	2.50	0.25	0.25
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	47	2.3		1,967	6,821	921	295	3.47	0.47	0.24
Northern High Plains	5	0.2	10.6	209	502	0	NE	2.40	0.00	0.00
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	21	1.0	44.7	879	4,143	586	218	4.71	0.67	0.29
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	18	0.9	38.3	753	1,799	335	214	2.39	0.44	0.29
Glaciated Plains	1	0.0	2.1	42	42	0	NE	1.00	0.00	0.00
Osage Cuestas	2	0.1	4.3	84	335	0	NE	4.00	0.00	0.00
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	63	4.7		2,022	8,504	546	132	4.21	0.27	0.10
Northern High Plains	10	0.7	15.9	321	2,279	32	73	7.10	0.10	0.10
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	38	2.8	60.3	1,219	5,038	481	100	4.13	0.39	0.11
South-Central Prairies	1	0.1	1.6	32	64	0	NE	2.00	0.00	0.00
Flint Hills	11	0.8	17.5	353	995	0	NE	2.82	0.00	0.00
Glaciated Plains	1	0.1	1.6	32	64	0	NE	2.00	0.00	0.00
Osage Cuestas	2	0.1	3.2	64	64	32	408	1.00	0.50	0.50
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 Cottontail, 2023-2024 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	277	8.1		10,490	53,777	42,075	1,589	5.13	4.01	1.02
Northern High Plains	12	0.4	4.3	454	1,401	1,023	478	3.08	2.25	1.12
Southern High Plains	12	0.4	4.3	454	6,324	5,113	320	13.92	11.25	0.85
Smoky Hills	61	1.8	22.0	2,310	8,180	6,249	992	3.54	2.70	1.18
South-Central Prairies	36	1.1	13.0	1,363	5,264	4,279	406	3.86	3.14	0.93
Flint Hills	51	1.5	18.4	1,931	10,945	7,536	579	5.67	3.90	0.90
Glaciated Plains	44	1.3	15.9	1,666	8,786	7,347	626	5.27	4.41	0.93
Osage Cuestas	61	1.8	22.0	2,310	12,876	10,528	712	5.57	4.56	1.07
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	224	10.9		9,373	50,047	39,837	1,603	5.34	4.25	1.06
Northern High Plains	8	0.4	3.6	335	1,046	962	528	3.13	2.88	1.58
Southern High Plains	7	0.3	3.1	293	5,021	5,231	354	17.14	17.86	1.24
Smoky Hills	35	1.7	15.6	1,465	5,021	5,398	1,005	3.43	3.69	1.60
South-Central Prairies	32	1.6	14.3	1,339	5,314	4,561	394	3.97	3.41	0.95
Flint Hills	44	2.1	19.6	1,841	11,215	7,239	515	6.09	3.93	0.80
Glaciated Plains	43	2.1	19.2	1,799	9,290	6,026	596	5.16	3.35	0.83
Osage Cuestas	55	2.7	24.6	2,301	13,139	10,420	765	5.71	4.53	1.06
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	53	4.0		1,701	7,189	5,103	559	4.23	3.00	0.83
Northern High Plains	4	0.3	7.5	128	385	128	58	3.00	1.00	0.21
Southern High Plains	5	0.4	9.4	160	1,508	321	83	9.40	2.00	0.30
Smoky Hills	26	1.9	49.1	834	3,081	1,155	290	3.69	1.38	0.62
South-Central Prairies	4	0.3	7.5	128	385	128	300	3.00	1.00	0.80
Flint Hills	7	0.5	13.2	225	674	834	352	3.00	3.71	1.52
Glaciated Plains	1	0.1	1.9	32	321	1,605	NE	10.00	50.00	5.00
Osage Cuestas	6	0.4	11.3	193	834	931	207	4.33	4.83	1.11
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 13: All Hunter Activity for Jackrabbit, 2023-2024 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	25	0.7		947	4,204	2,121	404	4.44	2.24	0.69
Northern High Plains	5	0.1	20.0	189	417	151	204	2.20	0.80	0.63
Southern High Plains	9	0.3	36.0	341	1,515	1,060	274	4.44	3.11	0.80
Smoky Hills	3	0.1	12.0	114	1,023	151	54	9.00	1.33	0.11
South-Central Prairies	4	0.1	16.0	151	795	189	91	5.25	1.25	0.26
Flint Hills	1	0.0	4.0	38	114	454	NE	3.00	12.00	4.00
Glaciated Plains	1	0.0	4.0	38	76	76	NE	2.00	2.00	1.00
Osage Cuestas	2	0.1	8.0	76	265	38	241	3.50	0.50	0.25
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	16	0.8		670	3,348	1,841	433	5.00	2.75	0.70
Northern High Plains	3	0.1	18.8	126	377	42	30	3.00	0.33	0.06
Southern High Plains	6	0.3	37.5	251	1,465	1,004	333	5.83	4.00	0.87
Smoky Hills	1	0.0	6.3	42	502	167	NE	12.00	4.00	0.33
South-Central Prairies	2	0.1	12.5	84	502	0	NE	6.00	0.00	0.00
Flint Hills	1	0.0	6.3	42	126	502	NE	3.00	12.00	4.00
Glaciated Plains	1	0.0	6.3	42	84	84	NE	2.00	2.00	1.00
Osage Cuestas	2	0.1	12.5	84	293	42	266	3.50	0.50	0.25
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	9	0.7		289	995	385	150	3.44	1.33	0.67
Northern High Plains	2	0.1	22.2	64	64	96	408	1.00	1.50	1.50
Southern High Plains	3	0.2	33.3	96	160	128	138	1.67	1.33	0.67
Smoky Hills	2	0.1	22.2	64	481	0	NE	7.50	0.00	0.00
South-Central Prairies	2	0.1	22.2	64	289	160	224	4.50	2.50	0.53
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 14: All Hunter Activity for Squirrel, 2023-2024 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	300	8.8		11,361	52,148	46,733	1,778	4.59	4.11	1.19
Northern High Plains	3	0.1	1.0	114	568	265	216	5.00	2.33	0.83
Southern High Plains	2	0.1	0.7	76	947	38	481	12.50	0.50	0.50
Smoky Hills	30	0.9	10.0	1,136	4,204	4,204	805	3.70	3.70	1.53
South-Central Prairies	25	0.7	8.3	947	2,765	2,462	285	2.92	2.60	0.91
Flint Hills	60	1.8	20.0	2,272	9,998	7,271	927	4.40	3.20	1.15
Glaciated Plains	84	2.5	28.0	3,181	13,406	13,331	713	4.21	4.19	1.06
Osage Cuestas	96	2.8	32.0	3,636	20,261	19,163	1,078	5.57	5.27	1.31
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	276	13.4		11,549	55,194	48,666	1,854	4.78	4.21	1.17
Northern High Plains	3	0.1	1.1	126	628	293	238	5.00	2.33	0.83
Southern High Plains	1	0.0	0.4	42	1,004	0	NE	24.00	0.00	0.00
Smoky Hills	27	1.3	9.8	1,130	3,892	4,603	872	3.44	4.07	1.66
South-Central Prairies	21	1.0	7.6	879	2,887	2,636	267	3.29	3.00	0.99
Flint Hills	55	2.7	19.9	2,301	10,712	7,323	989	4.65	3.18	1.09
Glaciated Plains	82	4.0	29.7	3,431	14,604	14,311	759	4.26	4.17	1.05
Osage Cuestas	87	4.2	31.5	3,641	21,467	19,500	1,078	5.90	5.36	1.26
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	24	1.8		770	1,861	2,279	533	2.42	2.96	1.35
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	1	0.1	4.2	32	32	32	NE	1.00	1.00	1.00
Smoky Hills	3	0.2	12.5	96	578	32	138	6.00	0.33	0.33
South-Central Prairies	4	0.3	16.7	128	128	64	204	1.00	0.50	0.50
Flint Hills	5	0.4	20.8	160	257	546	276	1.60	3.40	1.87
Glaciated Plains	2	0.1	8.3	64	160	321	1,359	2.50	5.00	1.67
Osage Cuestas	9	0.7	37.5	289	706	1,284	469	2.44	4.44	1.74
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. Number and percent of non-resident respondents by state or country of residence 2023-2024.

State/Country	Number	Percent	State/Country	Number	Percent
Texas	386	12.09	Ohio	37	1.16
Colorado	293	9.17	Kentucky	36	1.13
Missouri	288	9.02	California	35	1.10
Arkansas	230	7.20	New Mexico	32	1.00
Oklahoma	217	6.79	South Dakota	22	0.69
Louisiana	160	5.01	Maryland	15	0.47
Georgia	104	3.26	New Jersey	15	0.47
Florida	99	3.10	Idaho	14	0.44
Michigan	94	2.94	Nevada	14	0.44
Minnesota	90	2.82	Washington	14	0.44
North Carolina	88	2.76	Alaska	13	0.41
Mississippi	84	2.63	Montana	13	0.41
Wisconsin	80	2.50	Wyoming	12	0.38
Alabama	78	2.44	West Virginia	11	0.34
South Carolina	74	2.32	Vermont	9	0.28
Nebraska	70	2.19	Oregon	7	0.22
Tennessee	67	2.10	Maine	6	0.19
Illinois	57	1.78	North Dakota	6	0.19
Iowa	50	1.57	Massachusetts	5	0.16
Pennsylvania	50	1.57	New Hampshire	5	0.16
Virginia	47	1.47	Washington DC	2	0.06
Arizona	42	1.31	Connecticut	1	0.03
New York	41	1.28	Delaware	1	0.03
Indiana	39	1.22	Hawaii	1	0.03
Utah	39	1.22	Rhode Island	1	0.03

Table 16. Regional breakdown of hunting activity as indicated by sample sizes for the 2023-2024 season.

Region	Dove	Bobwhite	Pheasant	^a Greater Prairie Chicken (Regular)	^a Lesser Prairie Chicken	Cottontail	Jackrabbit	Squirrel
All Hunters (Resident and Non-Resident)								
State	927 (27)	1,247 (37)	1,742 (51)	108 (3)	2 (0)	277 (8)	25 (1)	300 (9)
Northern High Plains	66 (2)	101 (3)	297 (9)	15 (0)	0 (0)	12 (0)	5 (0)	3 (0)
Southern High Plains	64 (2)	109 (3)	198 (6)	0 (0)	0 (0)	12 (0)	9 (0)	2 (0)
Smoky Hills	265 (8)	498 (15)	657 (19)	58 (2)	1 (0)	61 (2)	3 (0)	30 (1)
South-Central Prairies	183 (5)	221 (6)	376 (11)	0 (0)	1 (0)	36 (1)	4 (0)	25 (1)
Flint Hills	135 (4)	172 (5)	129 (4)	29 (1)	0 (0)	51 (1)	1 (0)	60 (2)
Glaciated Plains	89 (3)	69 (2)	61 (2)	2 (0)	0 (0)	44 (1)	1 (0)	84 (2)
Osage Cuestas	125 (4)	77 (2)	24 (1)	4 (0)	0 (0)	61 (2)	2 (0)	96 (3)
Resident								
State	802 (39)	787 (38)	963 (47)	47 (2)	0 (0)	224 (11)	16 (1)	276 (13)
Northern High Plains	42 (2)	50 (2)	145 (7)	5 (0)	0 (0)	8 (0)	3 (0)	3 (0)
Southern High Plains	57 (3)	56 (3)	104 (5)	0 (0)	0 (0)	7 (0)	6 (0)	1 (0)
Smoky Hills	222 (11)	280 (14)	379 (18)	21 (1)	0 (0)	35 (2)	1 (0)	27 (1)
South-Central Prairies	160 (8)	155 (8)	176 (9)	0 (0)	0 (0)	32 (2)	2 (0)	21 (1)
Flint Hills	127 (6)	129 (6)	95 (5)	18 (1)	0 (0)	44 (2)	1 (0)	55 (3)
Glaciated Plains	84 (4)	55 (3)	48 (2)	1 (0)	0 (0)	43 (2)	1 (0)	82 (4)
Osage Cuestas	110 (5)	62 (3)	16 (1)	2 (0)	0 (0)	55 (3)	2 (0)	87 (4)
Non-Resident								
State	125 (9)	458 (34)	776 (58)	61 (5)	2 (0)	53 (4)	9 (1)	24 (2)
Northern High Plains	24 (2)	51 (4)	152 (11)	10 (1)	0 (0)	4 (0)	2 (0)	0 (0)
Southern High Plains	7 (1)	53 (4)	94 (7)	0 (0)	0 (0)	5 (0)	3 (0)	1 (0)
Smoky Hills	43 (3)	216 (16)	276 (21)	37 (3)	1 (0)	26 (2)	2 (0)	3 (0)
South-Central Prairies	23 (2)	66 (5)	199 (15)	0 (0)	1 (0)	4 (0)	2 (0)	4 (0)
Flint Hills	8 (1)	43 (3)	34 (3)	11 (1)	0 (0)	7 (1)	0 (0)	5 (0)
Glaciated Plains	5 (0)	14 (1)	13 (1)	1 (0)	0 (0)	1 (0)	0 (0)	2 (0)
Osage Cuestas	15 (1)	15 (1)	8 (1)	2 (0)	0 (0)	6 (0)	0 (0)	9 (1)

Values in () indicate percent of the total active small game hunters from respondents.

*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 17. All hunter activity for prairie dog, 2023-2024 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	57	1.7		2,159	7,991	77,257	7,245	3.70	35.79	9.96
Northern High Plains	21	0.6	36.8	795	4,090	43,438	6,042	5.14	54.62	12.36
Southern High Plains	16	0.5	28.1	606	1,477	8,407	1,685	2.44	13.88	5.98
Smoky Hills	11	0.3	19.3	417	1,553	8,142	1,302	3.73	19.55	6.50
South-Central Prairies	9	0.3	15.8	341	871	17,269	4,102	2.56	50.67	15.70
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	39	1.9		1,632	6,528	64,233	3,824	4.00	39.36	8.44
Northern High Plains	12	0.6	30.8	502	3,306	30,547	2,671	6.58	60.83	7.96
Southern High Plains	11	0.5	28.2	460	1,255	7,909	1,892	2.73	17.18	6.91
Smoky Hills	10	0.5	25.6	418	1,130	8,997	1,301	2.70	21.50	7.15
South-Central Prairies	6	0.3	15.4	251	837	16,780	2,394	3.33	66.83	14.39
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	18	1.3		578	1,765	16,206	5,698	3.06	28.06	13.26
Northern High Plains	9	0.7	50.0	289	931	13,382	5,122	3.22	46.33	18.22
Southern High Plains	5	0.4	27.8	160	289	1,059	196	1.80	6.60	3.93
Smoky Hills	1	0.1	5.6	32	449	0	NE	14.00	0.00	0.00
South-Central Prairies	3	0.2	16.7	96	96	1,765	6,586	1.00	18.33	18.33
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 18. All hunter activity for Coyote, 2023-2024 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	794	23.3		30,070	203,822	133,079	2,712	6.78	4.43	0.67
Northern High Plains	69	2.0	8.7	2,613	13,520	12,270	574	5.17	4.70	0.77
Southern High Plains	39	1.1	4.9	1,477	8,862	7,233	402	6.00	4.90	0.79
Smoky Hills	184	5.4	23.2	6,968	50,596	31,887	1,595	7.26	4.58	0.70
South-Central Prairies	102	3.0	12.8	3,863	29,161	19,769	599	7.55	5.12	0.64
Flint Hills	138	4.1	17.4	5,226	36,735	23,101	1,216	7.03	4.42	0.66
Glaciated Plains	114	3.4	14.4	4,317	31,812	21,435	1,489	7.37	4.96	0.68
Osage Cuestas	148	4.4	18.6	5,605	33,137	17,383	645	5.91	3.10	0.56
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	652	31.7		27,283	202,030	130,432	2,100	7.40	4.78	0.63
Northern High Plains	52	2.5	8.0	2,176	12,386	11,926	569	5.69	5.48	0.82
Southern High Plains	34	1.7	5.2	1,423	8,829	7,741	421	6.21	5.44	0.83
Smoky Hills	145	7.0	22.2	6,068	48,206	29,417	869	7.94	4.85	0.63
South-Central Prairies	83	4.0	12.7	3,473	28,748	20,044	470	8.28	5.77	0.59
Flint Hills	113	5.5	17.3	4,729	36,698	21,467	694	7.76	4.54	0.55
Glaciated Plains	103	5.0	15.8	4,310	33,686	22,220	1,452	7.82	5.16	0.60
Osage Cuestas	122	5.9	18.7	5,105	33,476	17,617	673	6.56	3.45	0.60
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	142	10.6		4,557	17,779	12,741	1,649	3.90	2.80	0.85
Northern High Plains	17	1.3	12.0	546	1,958	1,252	236	3.59	2.29	0.61
Southern High Plains	5	0.4	3.5	160	738	193	166	4.60	1.20	0.55
Smoky Hills	39	2.9	27.5	1,252	5,905	4,461	1,215	4.72	3.56	0.93
South-Central Prairies	19	1.4	13.4	610	2,664	1,380	381	4.37	2.26	0.88
Flint Hills	25	1.9	17.6	802	2,985	3,113	918	3.72	3.88	1.17
Glaciated Plains	11	0.8	7.7	353	1,123	1,123	672	3.18	3.18	1.44
Osage Cuestas	26	1.9	18.3	834	2,407	1,219	180	2.88	1.46	0.38
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

Waterfowl Hunting Estimates

Table 19. All hunter activity for teal, 2023 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	160	4.7		6,059	20,261	53,663	1,968	3.34	8.86	2.63
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	5	0.1	3.1	189	606	2,651	421	3.20	14.00	4.70
Smoky Hills	51	1.5	31.9	1,931	7,953	21,586	1,186	4.12	11.18	2.82
South-Central Prairies	36	1.1	22.5	1,363	4,885	12,270	872	3.58	9.00	2.69
Flint Hills	22	0.6	13.8	833	2,272	5,340	877	2.73	6.41	2.73
Glaciated Plains	21	0.6	13.1	795	2,159	6,059	775	2.71	7.62	2.41
Osage Cuestas	25	0.7	15.6	947	2,386	5,756	622	2.52	6.08	1.82
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	145	7.0		6,068	21,006	55,403	2,070	3.46	9.13	2.62
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	5	0.2	3.4	209	670	2,929	465	3.20	14.00	4.70
Smoky Hills	42	2.0	29.0	1,758	7,825	20,546	1,186	4.45	11.69	2.66
South-Central Prairies	34	1.7	23.4	1,423	5,189	13,181	960	3.65	9.26	2.71
Flint Hills	22	1.1	15.2	921	2,511	5,900	969	2.73	6.41	2.73
Glaciated Plains	20	1.0	13.8	837	2,343	6,653	851	2.80	7.95	2.48
Osage Cuestas	22	1.1	15.2	921	2,469	6,193	652	2.68	6.73	1.98
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	15	1.1		481	1,059	2,985	579	2.20	6.20	2.65
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	9	0.7	60.0	289	738	2,535	495	2.56	8.78	3.58
South-Central Prairies	2	0.1	13.3	64	160	289	612	2.50	4.50	2.25
Flint Hills	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Glaciated Plains	1	0.1	6.7	32	32	32	NE	1.00	1.00	1.00
Osage Cuestas	3	0.2	20.0	96	128	128	276	1.33	1.33	0.67
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 20. All hunter activity for ducks, 2023-2024 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	878	25.8		33,251	196,550	478,803	8,337	5.91	14.40	2.38
Northern High Plains	15	0.4	1.7	568	2,462	4,431	459	4.33	7.80	1.67
Southern High Plains	15	0.4	1.7	568	2,689	6,135	440	4.73	10.80	2.08
Smoky Hills	170	5.0	19.4	6,438	33,592	81,801	1,708	5.22	12.71	2.49
South-Central Prairies	174	5.1	19.8	6,590	34,614	87,709	1,797	5.25	13.31	2.42
Flint Hills	160	4.7	18.2	6,059	35,864	75,780	1,558	5.92	12.51	2.10
Glaciated Plains	85	2.5	9.7	3,219	23,859	41,961	1,102	7.41	13.04	1.76
Osage Cuestas	259	7.6	29.5	9,809	63,472	180,985	7,725	6.47	18.45	2.70
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	515	25.0		21,550	155,037	363,972	8,671	7.19	16.89	2.18
Northern High Plains	8	0.4	1.6	335	795	1,046	317	2.38	3.13	1.42
Southern High Plains	7	0.3	1.4	293	1,925	5,231	372	6.57	17.86	2.86
Smoky Hills	83	4.0	16.1	3,473	22,345	51,972	1,144	6.43	14.96	2.20
South-Central Prairies	104	5.0	20.2	4,352	30,589	75,280	1,324	7.03	17.30	2.09
Flint Hills	98	4.8	19.0	4,101	29,124	59,672	1,248	7.10	14.55	1.92
Glaciated Plains	71	3.4	13.8	2,971	23,726	40,297	1,072	7.99	13.56	1.64
Osage Cuestas	144	7.0	28.0	6,026	46,532	130,474	8,378	7.72	21.65	2.67
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	359	26.9		11,521	47,143	124,966	2,351	4.09	10.85	2.64
Northern High Plains	7	0.5	1.9	225	1,476	2,952	376	6.57	13.14	1.96
Southern High Plains	8	0.6	2.2	257	802	1,187	231	3.13	4.63	1.40
Smoky Hills	86	6.4	24.0	2,760	11,232	28,819	1,118	4.07	10.44	2.72
South-Central Prairies	69	5.2	19.2	2,214	5,744	16,335	1,108	2.59	7.38	2.91
Flint Hills	61	4.6	17.0	1,958	7,830	18,100	913	4.00	9.25	2.40
Glaciated Plains	14	1.0	3.9	449	2,022	4,653	468	4.50	10.36	2.40
Osage Cuestas	114	8.5	31.8	3,658	18,036	52,920	1,414	4.93	14.46	2.71
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 21. All hunter activity for all geese species, 2023-2024 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	696	20.5		26,358	132,851	318,571	15,628	5.04	12.09	2.59
Northern High Plains	15	0.4	2.2	568	1,591	3,257	656	2.80	5.73	1.72
Southern High Plains	17	0.5	2.4	644	2,499	12,763	3,029	3.88	19.82	6.01
Smoky Hills	139	4.1	20.0	5,264	23,859	83,884	14,443	4.53	15.94	3.99
South-Central Prairies	146	4.3	21.0	5,529	28,441	71,160	2,337	5.14	12.87	2.50
Flint Hills	130	3.8	18.7	4,923	26,737	44,953	1,776	5.43	9.13	1.83
Glaciated Plains	87	2.6	12.5	3,295	19,163	36,394	1,740	5.82	11.05	2.03
Osage Cuestas	162	4.8	23.3	6,135	30,562	66,161	4,180	4.98	10.78	2.12
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	429	20.8		17,952	108,254	229,229	6,512	6.03	12.77	2.13
Northern High Plains	8	0.4	1.9	335	544	670	575	1.63	2.00	1.25
Southern High Plains	9	0.4	2.1	377	1,799	12,177	3,239	4.78	32.33	10.07
Smoky Hills	74	3.6	17.2	3,097	15,148	43,687	1,969	4.89	14.11	2.11
South-Central Prairies	88	4.3	20.5	3,682	25,568	61,262	2,161	6.94	16.64	2.22
Flint Hills	80	3.9	18.6	3,348	21,299	34,648	1,699	6.36	10.35	1.79
Glaciated Plains	76	3.7	17.7	3,180	19,542	36,196	1,756	6.14	11.38	1.98
Osage Cuestas	94	4.6	21.9	3,933	24,354	40,590	4,229	6.19	10.32	1.81
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	266	19.9		8,536	29,332	92,939	12,279	3.44	10.89	3.32
Northern High Plains	7	0.5	2.6	225	931	2,246	444	4.14	10.00	2.27
Southern High Plains	8	0.6	3.0	257	738	1,476	384	2.88	5.75	1.44
Smoky Hills	65	4.9	24.4	2,086	8,601	37,580	12,229	4.12	18.02	6.13
South-Central Prairies	58	4.3	21.8	1,861	4,493	13,318	1,091	2.41	7.16	2.92
Flint Hills	49	3.7	18.4	1,573	6,097	10,302	752	3.88	6.55	1.82
Glaciated Plains	11	0.8	4.1	353	1,252	3,081	705	3.55	8.73	2.37
Osage Cuestas	68	5.1	25.6	2,182	7,221	24,936	1,473	3.31	11.43	2.55
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 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 22: All Hunter Activity for Woodcock for 2023-2024 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	2	0.1		76	795	0	NE	10.50	0.00	0.00
Northern High Plains	1	0.0	50.0	38	227	0	NE	6.00	0.00	0.00
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	1	0.0	50.0	38	568	0	NE	15.00	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 23: All Hunter Activity for Snipe, for 2023-2024 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	7	0.2		265	1,363	379	280	5.14	1.43	0.71
Northern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Southern High Plains	1	0.0	14.3	38	38	0	NE	1.00	0.00	0.00
Smoky Hills	3	0.1	42.9	114	985	189	475	8.67	1.67	1.06
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	1	0.0	14.3	38	76	114	NE	2.00	3.00	1.50
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	2	0.1	28.6	76	265	76	160	3.50	1.00	0.17
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 24: All Hunter Activity for Rail for 2023-2024 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	2	0.1		76	833	114	96	11.00	1.50	0.10
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	50.0	38	568	114	NE	15.00	3.00	0.20
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	1	0.0	50.0	38	265	0	NE	7.00	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

^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 Crane, for 2023-2024 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	0.4		530	1,325	795	335	2.50	1.50	1.17
Northern High Plains	1	0.0	7.1	38	76	0	NE	2.00	0.00	0.00
Southern High Plains	1	0.0	7.1	38	151	0	NE	4.00	0.00	0.00
Smoky Hills	1	0.0	7.1	38	38	38	NE	1.00	1.00	1.00
South-Central Prairies	11	0.3	78.6	417	1,060	757	309	2.55	1.82	1.40
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 26: All Hunter Activity for Coots, for 2023-2024 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	8	0.2		303	909	1,515	1,252	3.00	5.00	3.07
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	37.5	114	341	985	2,201	3.00	8.67	6.18
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	2	0.1	25.0	76	265	341	481	3.50	4.50	1.50
Glaciated Plains	2	0.1	25.0	76	114	189	481	1.50	2.50	1.50
Osage Cuestas	1	0.0	12.5	38	189	0	NE	5.00	0.00	0.00
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 27: All Hunter Activity for Crow, for 2023-2024 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	49	1.4		1,856	4,810	5,946	1,026	2.59	3.20	1.48
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	7	0.2	14.3	265	492	833	732	1.86	3.14	1.96
South-Central Prairies	4	0.1	8.2	151	417	114	121	2.75	0.75	0.25
Flint Hills	16	0.5	32.7	606	1,742	2,613	652	2.88	4.31	2.07
Glaciated Plains	12	0.4	24.5	454	909	644	415	2.00	1.42	0.97
Osage Cuestas	10	0.3	20.4	379	1,250	1,742	435	3.30	4.60	1.31
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