

SMALL GAME HUNTER ACTIVITY SURVEY - 2013
STATEWIDE WILDLIFE RESEARCH AND SURVEYS

Performance Report
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KANSAS DEPARTMENT OF WILDLIFE, PARKS, and TOURISM
Robin Jennison
Secretary

Keith Sexson
Assistant Secretary
Wildlife, Fisheries, and Boating

Prepared by:
Jeff Prendergast
Small Game Specialist

Joe Kramer, Director
Fisheries & Wildlife Division

Mike Mitchener, Chief
Wildlife Section

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SMALL GAME HUNTER ACTIVITY SURVEY - 2013

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

Procedure: A random sample of 20,665 Kansas residents and 9,345 non-residents with 2013 hunting, combination, and lifetime license holders (stratified sample of 15% 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 2014 of their selection for the survey and asked to complete an on-line questionnaire of their hunting activity for the 2013-2014 seasons. After comparing paper responses and electronic responses for 2010 data, and seeing no differences, the survey has been completed entirely by electronic means, therefore no paper survey's were offered again this year. 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 once per week until survey was complete for 4 weeks.

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 2013-2014 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.

We attempted to estimate prairie chicken harvest by species (Greater and Lesser Prairie Chicken). Sympatric range occurs in west-central and north-west Kansas and regulations overlapped between the two species. Historically, harvest was delineated by county for the dominant species by county. This procedure was continued for this survey to preserve continuity in the data. Lesser Prairie Chicken data were taken from the following counties (all other counties denoted data for Greater Prairie Chickens): Hodgeman, Hamilton, Haskell, Pratt, Seward, Barber, Pawnee, Kearney, Stanton, Edwards, Stevens, Comanche, Gray, Kiowa, Meade, Grant, Finney, Ford, Morton, Greeley, Wichita, Scott, Lane, Rush, Stafford. Our estimate of Lesser Prairie Chicken harvest does not include data from many counties north of the Arkansas River that are now occupied primarily by Lesser Prairie Chicken (but not at the time the survey was initiated). A separate survey of just prairie chicken permit holders is conducted annually beginning in the 2012-2013 season, and more specific prairie chicken harvest and hunter information is included therein.

Results: From the 30,353 deliverable notifications, 8,156 usable responses were obtained for an overall response rate of 27%. These included 5,223 responses from resident hunters, and 2,933 responses from non-resident hunters. Of these, 3,595 (44%) indicated hunting small game (a general hunting license is required to hunt game in Kansas, including deer and turkey, but allows hunting of small game without any additional permits) during the 2013-2014 seasons.

A summary of historic small game hunting season regulations follows.

Table 1. Historic small game regulations, Kansas, 1957-2012.

Years	Season Dates	Daily Bag	Possession	Open Area
<u>DOVE</u>				
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 - 2013	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 - 2013	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).

PRAIRIE CHICKEN

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.

COTTONTAIL

1993 - 2013	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

SQUIRREL

1997 - 2013	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 - 2013.

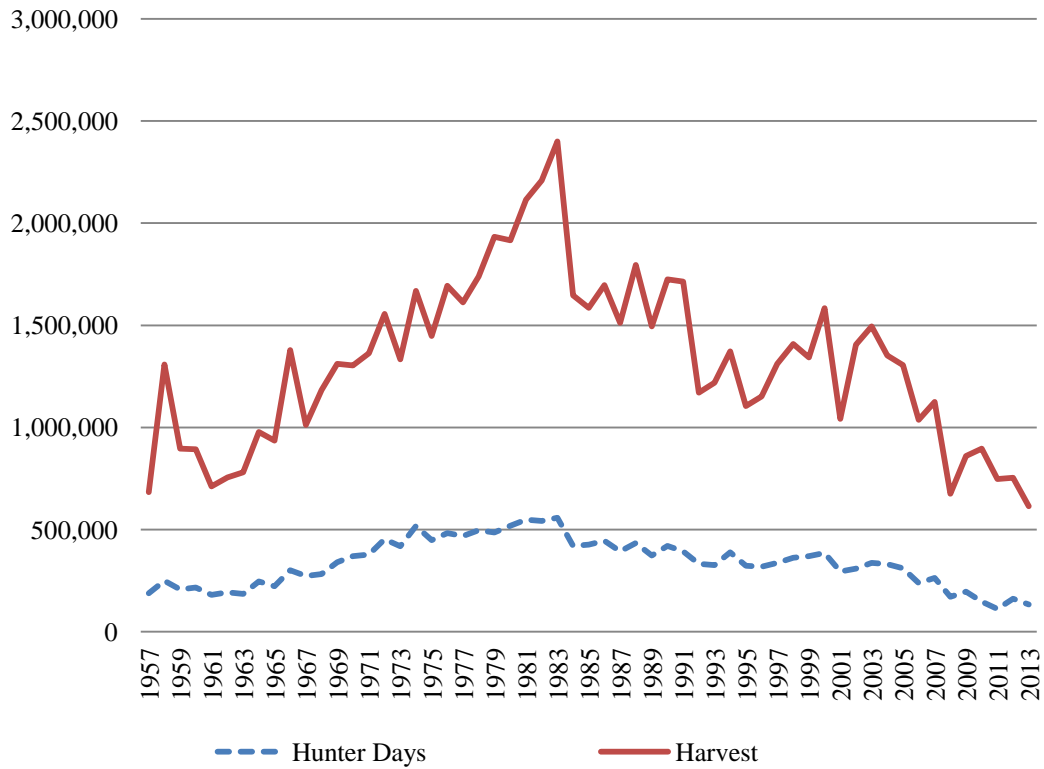


Table 2. Estimated annual DOVE hunting activity in Kansas.

Year	% Active Hunters Pursuing	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
1963	28	50,100	186,000	781,000	3.71	15.58	4.20
1964	33	58,000	247,000	978,000	4.26	16.87	3.96
1965	31	54,100	223,000	936,000	4.13	17.30	4.19
1966	34	67,000	302,000	1,378,000	4.50	20.57	4.57
1967	31	63,300	273,000	1,013,000	4.31	16.01	3.71
1968	33	66,100	283,000	1,183,000	4.27	17.89	4.17
1969	36	74,500	341,000	1,312,000	4.58	17.61	3.84
1970	35	74,200	371,000	1,304,000	5.00	17.57	3.51
1971	39	81,200	378,000	1,363,000	4.66	16.79	3.75
1972	41	85,900	454,000	1,556,000	5.29	18.11	3.78
1973	36	78,200	419,000	1,333,000	5.36	17.05	3.60
1974	44	94,300	517,000	1,668,000	5.48	17.69	3.50
1975	43	86,000	448,000	1,448,000	5.21	16.84	3.49
1976	44	89,700	483,000	1,694,000	5.39	18.89	3.75
1977	43	89,200	469,000	1,612,000	5.26	18.06	3.69
1978	42	89,300	497,000	1,739,000	5.56	19.45	4.14
1979	43 ^b	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
^c 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

* Harvest table only includes 50 years of data, harvest information through 1957 available on Department website research publications tab

^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 - 2013.

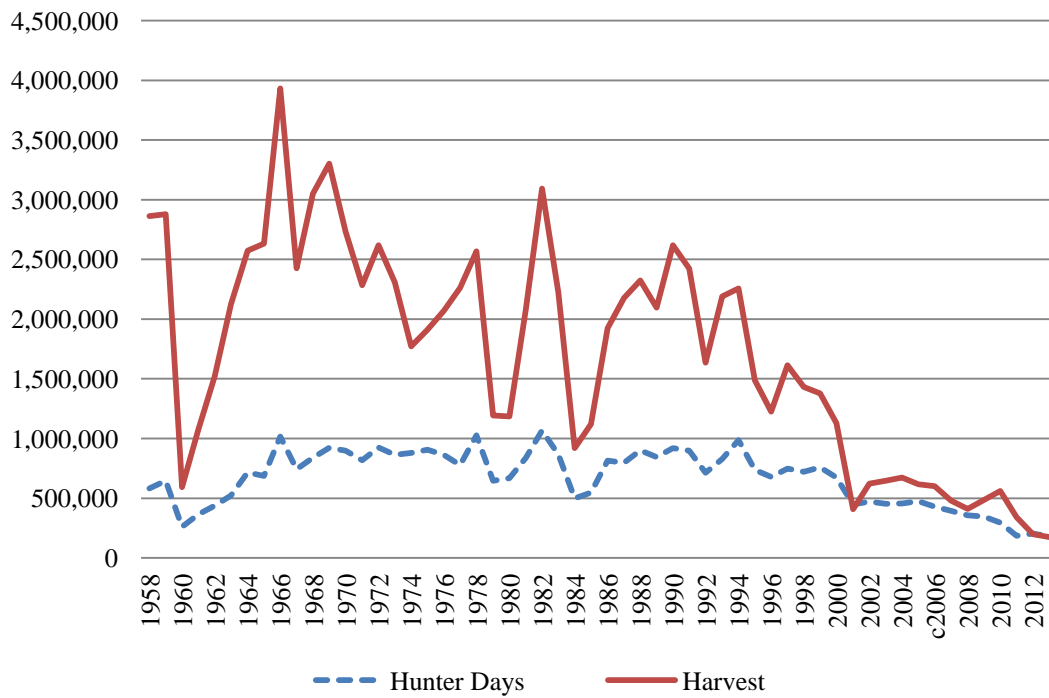


Table 3. Estimated annual **QUAIL** hunting activity in Kansas.

Year	% Active Hunters Pursuing	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
1957	46	87,100	318,000	1,132,000	3.65	13.00	3.56
1958	61	139,800	583,000	2,863,000	4.17	20.48	4.91
1959	62	141,800	647,000	2,879,000	4.56	20.30	4.45
1960	43	96,500	261,000	594,000	2.70	6.16	2.28
1961	48	^d 99,600	364,000	1,076,000	3.65	10.80	2.96
1962	55	106,300	437,000	1,520,000	4.11	14.30	3.48
1963	67	120,400	524,000	2,126,000	4.35	17.66	4.06
1964	75	130,800	717,000	2,573,000	5.48	19.67	3.59
1965	76	133,600	687,000	2,631,000	5.14	19.69	3.83
1966	79	156,800	1,016,000	3,931,000	6.48	25.07	3.87
1967	75	152,200	744,000	2,426,000	4.89	15.94	3.26
1968	77	151,800	838,000	3,050,000	5.52	20.09	3.50
1969	77	159,600	921,000	3,301,000	5.77	20.68	3.59
1970	76	160,200	897,000	2,733,000	5.60	17.06	3.04
1971	75	155,300	818,000	2,284,000	5.27	14.71	2.56
1972	75	158,200	924,000	2,618,000	5.84	16.55	2.73
1973	71	152,700	864,000	2,307,000	5.66	15.11	2.70
1974	72	152,000	879,000	1,772,000	5.78	11.66	2.06
1975	74	148,200	906,000	1,912,000	6.11	12.90	2.27
1976	73	148,700	864,000	2,068,000	5.81	13.91	2.43
1977	74	152,300	778,000	2,263,000	5.11	14.86	2.72
1978	75	161,000	1,027,000	2,569,000	6.38	15.96	2.70
1979	55 ^b	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
^c 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

^c Harvest table only includes 50 years of data, harvest information through 1957 available on Department website research publications tab

^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 - 2013.

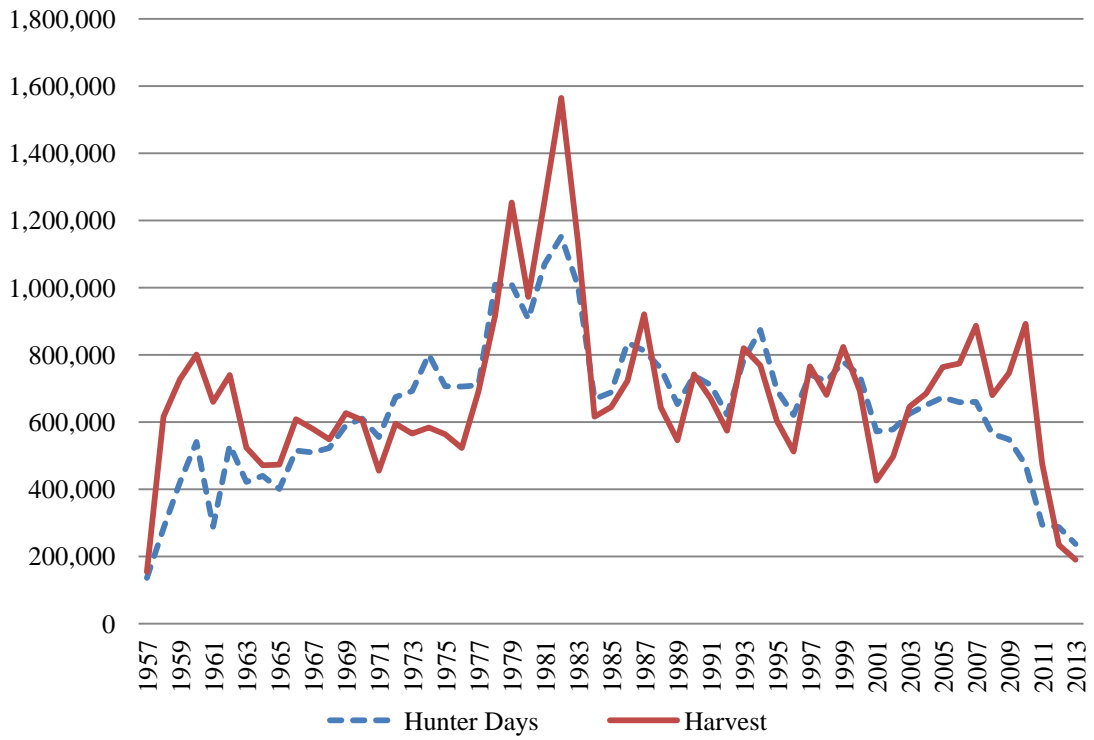


Table 4. Estimated annual **PHEASANT** hunting activity in Kansas.

Year	% Active Hunters Pursuing	Est. Total Hunters	Est. Total Days	Est. ^e Total Harvest	Season Days Per Hunter	Season ^e Bag Per Hunter	Avg. ^a Bag Per Day
1963	72	130,600	422,000	524,000	3.23	4.01	1.24
1964	68	118,300	440,000	471,000	3.72	3.98	1.07
1965	69	122,000	401,000	473,000	3.29	3.88	1.18
1966	68	134,500	515,000	608,000	3.83	4.52	1.18
1967	68	139,000	509,000	580,000	3.66	4.17	1.14
1968	69	136,100	523,000	548,000	3.84	4.03	0.84
1969	70	145,200	590,000	627,000	4.06	4.32	1.06
1970	71	150,700	610,000	606,000	4.05	4.02	0.99
1971	68	141,700	555,000	455,000	3.92	3.21	0.96
1972	67	142,800	674,000	595,000	4.72	4.17	1.03
1973	65	139,700	692,000	566,000	4.95	4.05	0.96
1974	71	150,200	801,000	584,000	5.33	3.89	0.85
1975	71	141,100	707,000	564,000	5.01	3.97	0.92
1976	72	145,200	706,000	523,000	4.86	3.60	0.90
1977	72	148,400	709,000	690,000	4.78	4.65	1.09
1978	78	168,000	1,008,000	916,000	6.00	5.46	1.11
1979	78 ^b	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

^c Harvest table only includes 50 years of data, harvest information through 1957 available on Department website research publications tab

^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, 1957-2013.

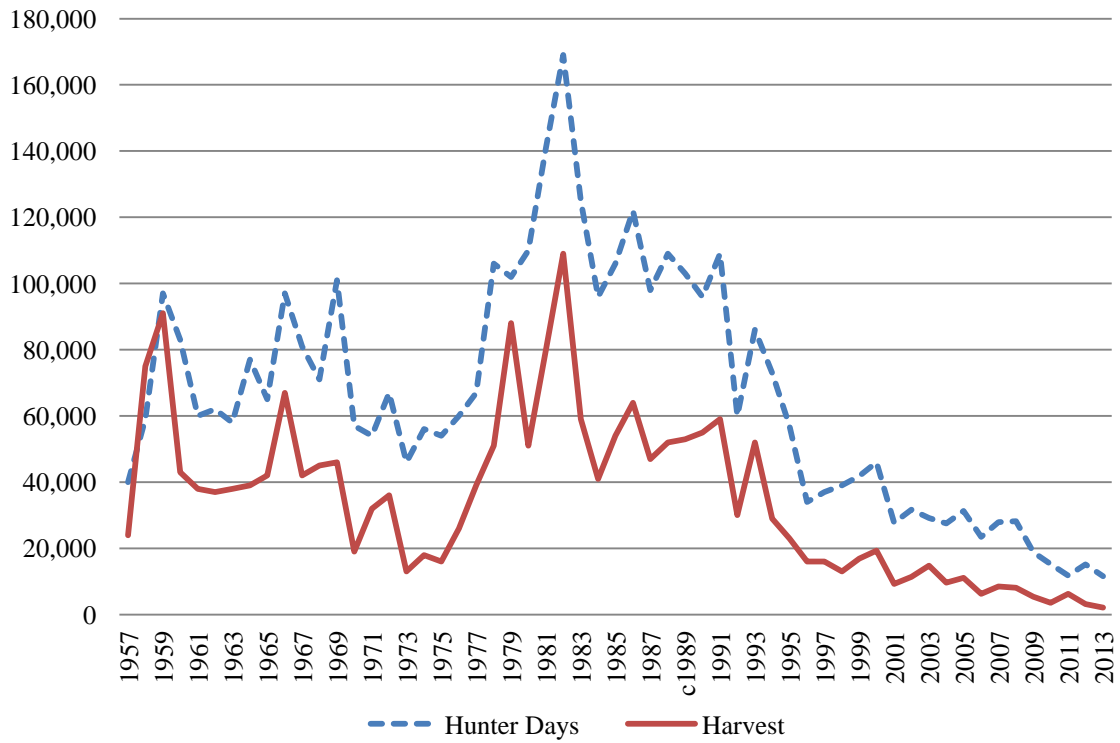


Table 5. Estimated annual **GREATER PRAIRIE-CHICKEN** hunting activity in Kansas.

Year	% Active Hunters Pursuing	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
1963	21	37,100	58,000	38,000	1.57	1.02	0.65
1964	25	44,500	77,000	39,000	1.73	0.87	0.50
1965	23	41,500	65,000	42,000	1.56	1.01	0.65
1966	27	52,700	97,000	67,000	1.84	1.27	0.69
1967	22	45,100	81,000	42,000	1.79	0.94	0.53
1968	20	39,500	71,000	45,000	1.80	1.13	0.63
1969	23	48,600	101,000	46,000	2.08	0.95	0.46
1970	17	35,300	57,000	19,000	1.62	0.53	0.33
1971	16	32,700	54,000	32,000	1.65	0.98	0.60
1972	16	34,000	67,000	36,000	1.96	1.06	0.54
1973	9	18,700	46,000	13,000	2.45	0.71	0.29
1974	10	20,200	56,000	18,000	2.75	0.91	0.33
1975	9	17,100	54,000	16,000	3.16	0.92	0.29
1976	11	21,800	60,000	26,000	2.75	1.19	0.44
1977	11	22,800	67,000	39,000	2.92	1.71	0.59
1978	16	34,100	106,000	51,000	3.12	1.49	0.50
1979	16 ^b	36,100	102,000	88,000	2.83	2.45	0.87
1980	16	37,000	110,000	51,000	2.98	1.37	0.49
1981	19	45,400	141,000	80,000	3.11	1.76	0.57
1982	21	53,100	169,000	109,000	3.18	2.05	0.70
1983	17	41,100	125,000	59,000	3.04	1.44	0.50
1984	16	30,000	96,000	41,000	3.20	1.38	0.45
1985	16	30,100	106,000	54,000	3.52	1.78	0.52
1986	17	33,900	122,000	64,000	3.61	1.90	0.54
1987	15	30,000	98,000	47,000	3.26	1.58	0.52
1988	17	32,700	109,000	52,000	3.35	1.59	0.46
^c 1989	14	25,600	103,000	53,000	4.11	2.15	0.53
1990	15	26,000	96,000	55,000	3.67	2.09	0.55
1991	14	24,800	109,000	59,000	4.49	2.50	0.56
1992	11	18,700	60,000	30,000	3.28	1.65	0.52
1993	12	21,400	86,000	52,000	3.92	2.40	0.57
1994	10	19,100	73,000	29,000	3.87	1.52	0.47
1995	9	15,400	57,000	23,000	3.70	1.50	0.43
1996	7	11,400	34,000	16,000	3.01	1.36	0.44
1997	7	11,100	37,000	16,000	3.32	1.41	0.51
1998	6	11,000	39,000	13,000	3.49	1.21	0.46
1999	6	10,100	41,800	16,900	4.14	1.67	0.48
2000	6	11,400	46,000	19,300	4.42	1.36	0.43
2001	5	8,100	27,700	9,300	3.44	1.15	0.37
2002	5	8,600	31,700	11,400	3.68	1.31	0.42
2003	5	7,740	29,200	14,800	3.78	1.91	0.54
2004	5	9,530	27,500	9,700	2.86	1.02	0.45
2005	4	6,230	31,300	11,100	5.02	1.79	0.40
^d 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

Harvest table only includes 50 years of data, harvest information through 1957 available on Department website research publications tab

^a Average Bag Per Day through 1979 expresses overall mean season bag divided by overall mean season days.

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

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

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

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

Kansas Lesser Prairie Chicken Harvest, 1975 - 2013.

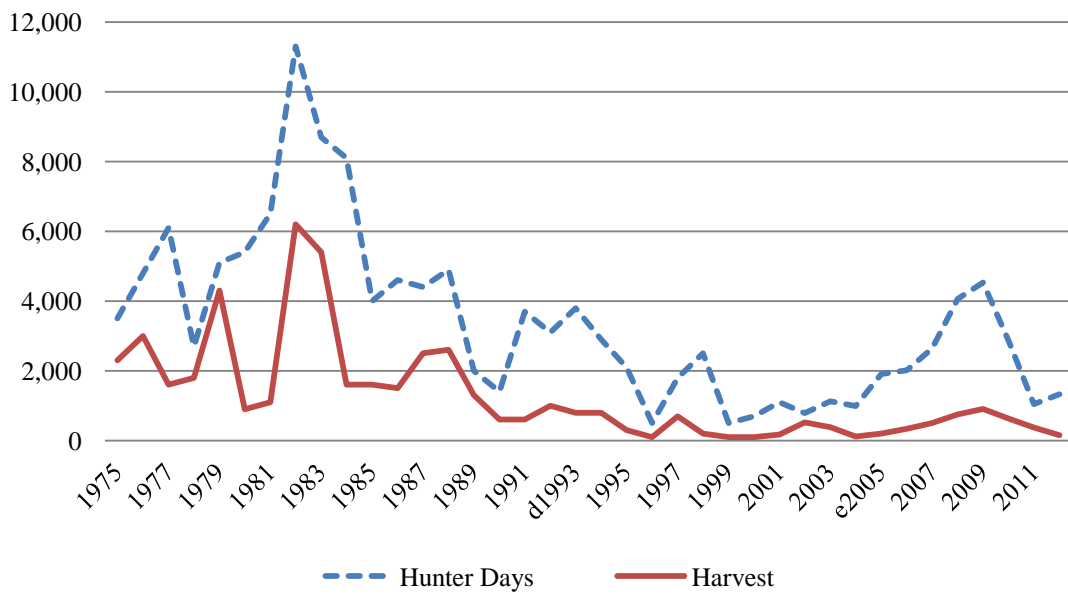


Table 6. Estimated annual **LESSER PRAIRIE CHICKEN** hunting activity in Kansas ^a.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^b Avg. Bag Per Day
1975	1	1,400	3,500	2,300	2.48	1.67	0.67
1976	1	1,800	4,800	3,000	2.67	1.64	0.61
1977	1	1,900	6,100	1,600	3.19	0.89	0.28
1978	1	1,100	2,700	1,800	2.46	1.63	0.66
^c 1979	1	1,700	5,100	4,300	3.00	2.55	0.85
1980	1	2,200	5,400	900	2.44	0.41	0.30
1981	1	1,900	6,500	1,100	3.42	0.58	0.19
1982	1	3,400	11,300	6,200	3.31	1.81	0.58
1983	1	2,800	8,700	5,400	3.10	1.91	0.61
1984	1	1,300	8,100	1,600	6.12	1.24	0.51
1985	1	1,100	4,000	1,600	3.71	1.50	0.34
1986	1	1,400	4,600	1,500	3.24	1.06	0.32
1987	1	1,300	4,400	2,500	3.30	1.90	0.38
1988	1	1,700	4,900	2,600	2.90	1.55	0.73
1989	0	800	2,000	1,300	2.50	1.60	0.54
1990	0	400	1,400	600	3.17	1.33	0.49
1991	0	800	3,700	600	4.36	0.73	0.32
^d 1992	1	1,100	3,100	1,000	2.80	0.80	0.51
^d 1993	1	1,200	3,800	800	3.07	0.64	0.14
^d 1994	0	800	2,900	800	5.00	1.00	0.27
1995	0	500	2,100	300	3.83	0.50	0.06
1996	0	200	500	100	2.00	0.00	0.00
1997	0	600	1,800	700	2.80	1.10	0.42
1998	0	300	2,500	200	7.83	0.67	0.31
1999	0	200	500	100	2.25	0.50	0.38
2000	0	300	700	100	2.20	0.40	0.30
2001	0	330	1,100	170	3.55	0.55	0.18
2002	0	300	790	520	2.25	1.50	0.68
2003	0	530	1,130	380	2.14	0.71	0.33
2004	0	250	990	120	4.00	0.50	0.50
^e 2005	0	500	1,910	200	3.80	0.40	0.40
^f 2006	0	650	2,020	340	3.09	0.52	0.23
2007	1	830	2,640	500	3.18	0.59	0.22
2008	1	720	4,060	750	5.51	1.00	0.20
2009	1	770	4,530	910	5.95	1.19	0.30
2010	1	1,226	2,863	633	3.19	0.52	0.23
2011	0	503	1,041	378	3.00	0.75	0.31
2012	0	398	1,326	155	3.33	0.39	0.31
2013	0	380	1,494	101	3.93	0.27	0.10

^a Wide annual variation is caused by low sample size for this species.

^b Average Bag Per Day through 1979 expresses overall mean season bag divided by overall mean season days.

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

^c Percent of active hunters hunting species unobtainable due to 1979 questionnaire error. Value is 1975-1978 mean.

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

^e Season length reduced and with daily bag set at 1.

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

Kansas Cottontail Harvest, 1958 - 2013.

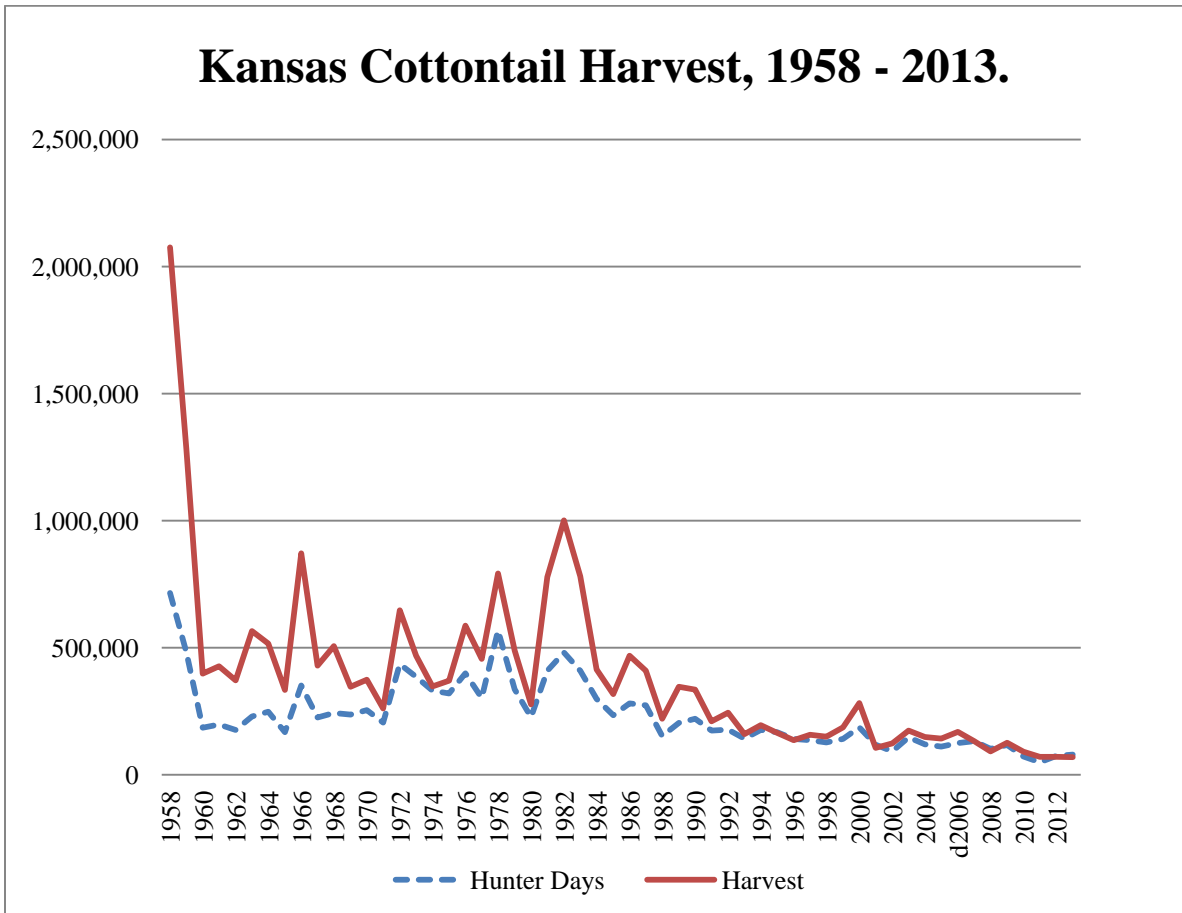


Table 7. Estimated annual **COTTONTAIL** hunting activity in Kansas.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
1963	34	60,500	230,000	566,000	3.80	9.35	2.46
1964	33	57,500	248,000	516,000	4.31	8.97	2.08
1965	24	41,700	168,000	334,000	4.04	8.00	1.98
1966	40	79,100	352,000	872,000	4.45	11.02	2.48
1967	28	57,700	225,000	430,000	3.90	7.45	1.92
1968	33	64,700	243,000	506,000	3.76	7.82	2.08
1969	27	56,900	237,000	347,000	4.17	6.09	1.46
1970	29	60,300	254,000	374,000	4.21	6.21	1.48
1971	24	49,100	206,000	261,000	4.20	5.31	1.69
1972	41	86,700	436,000	648,000	5.03	7.47	1.93
1973	32	69,300	386,000	469,000	5.57	6.77	1.68
1974	32	67,100	331,000	348,000	4.94	5.36	1.45
1975	32	63,900	320,000	371,000	5.01	5.81	1.65
1976	38	76,500	399,000	587,000	5.21	7.67	1.89
1977	33	67,900	303,000	456,000	4.46	6.71	1.94
1978	41	87,400	568,000	792,000	6.50	9.07	2.21
1979	35 ^b	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
^c 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

Harvest table only includes 50 years of data, harvest information through 1957 available on Department website research publications tab

^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 - 2013.

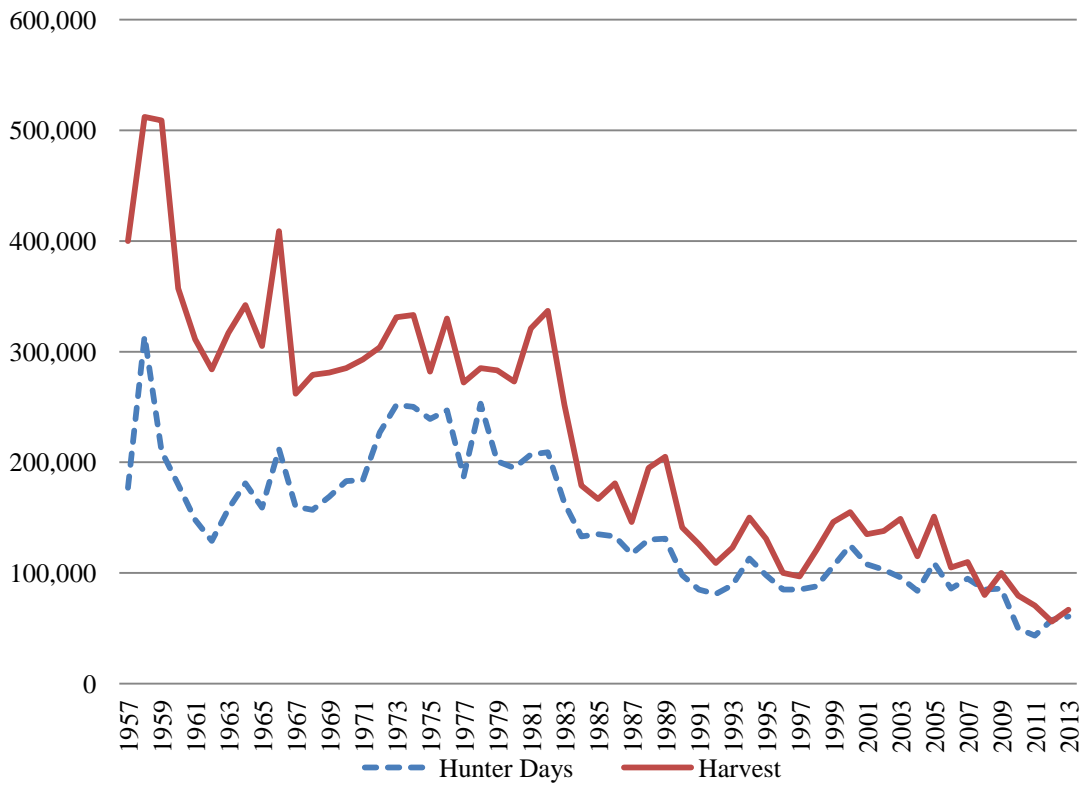


Table 8. Estimated annual **SQUIREL** hunting activity in Kansas.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	^a Avg. Bag Per Day
1963	23	41,000	158,000	317,000	3.86	7.72	2.00
1964	25	44,100	181,000	342,000	4.10	7.75	1.89
1965	22	38,400	159,000	305,000	4.14	7.95	1.92
1966	23	46,400	212,000	409,000	4.57	8.82	1.93
1967	21	42,400	160,000	262,000	3.77	6.19	1.64
1968	21	41,100	157,000	279,000	3.81	6.78	1.52
1969	21	44,000	169,000	281,000	3.85	6.39	1.66
1970	22	45,500	183,000	285,000	4.03	6.27	1.55
1971	21	44,400	184,000	293,000	4.14	6.60	1.74
1972	23	49,400	227,000	304,000	4.59	6.16	1.60
1973	23	49,400	252,000	331,000	5.10	6.70	1.64
1974	25	52,300	250,000	333,000	4.78	6.56	1.58
1975	24	47,600	239,000	282,000	5.03	5.93	1.55
1976	24	49,200	247,000	330,000	5.02	6.70	1.62
1977	21	43,400	187,000	272,000	4.32	6.27	1.63
1978	20	42,000	253,000	285,000	6.02	6.74	1.65
^b 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
^c 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
^d 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

^a Harvest table only includes 50 years of data, harvest information through 1957 available on Department website research publications tab

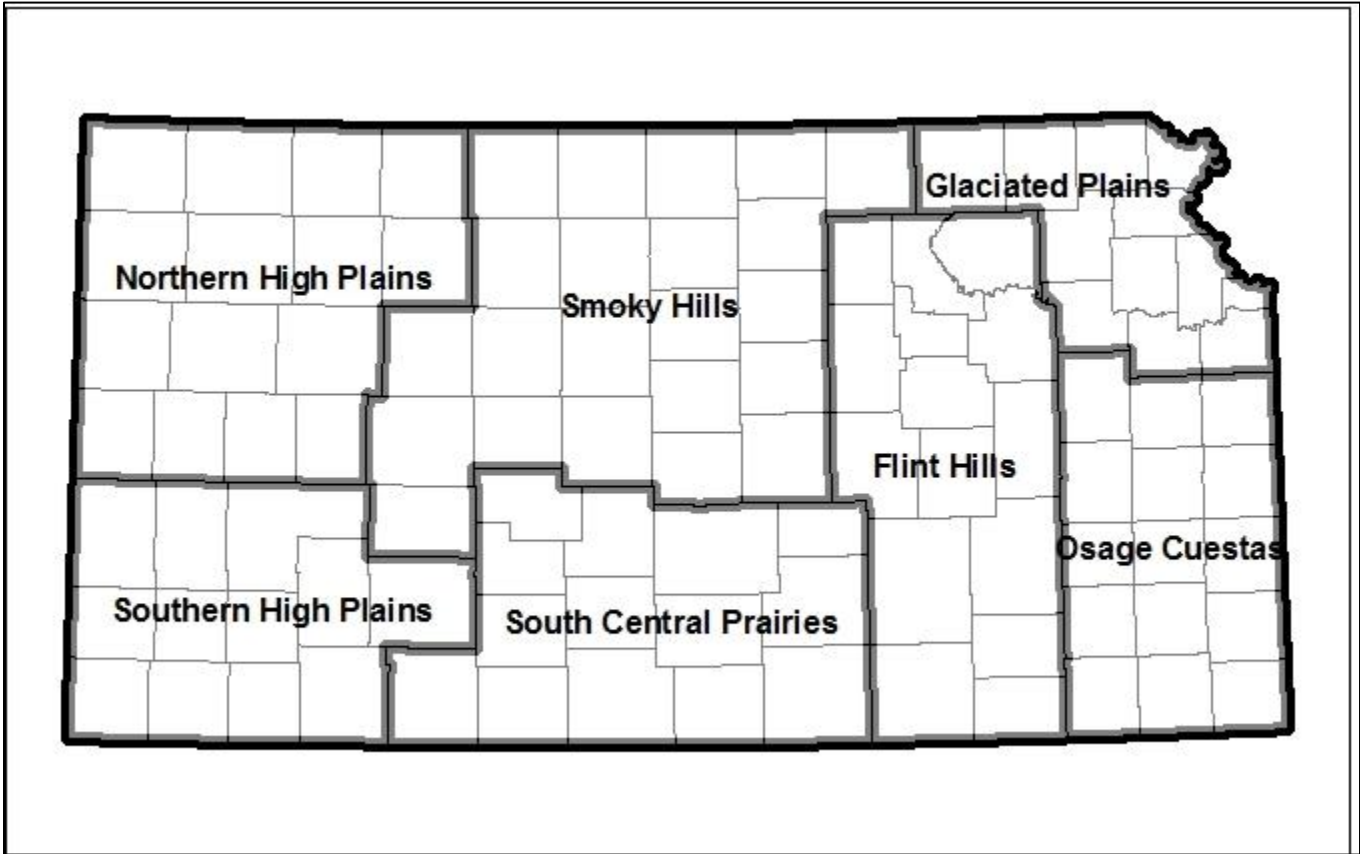
^a Average Bag Per Day through 1967 expresses overall mean season bag divided by overall mean season days.

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 Season was extended 2 months to run from June 1 through the end of February.

^d 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 2013-2014

Table 9: All Hunter Activity for Dove, 2013-2014 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	1,248	35.0		31,592	134,139	614,371	41,965	4.25	19.45	4.97
Northern High Plains	94	2.6	7.5	2,380	10,708	55,438	11,004	4.50	23.30	6.14
Southern High Plains	83	2.3	6.7	2,101	10,328	50,172	12,672	4.92	23.88	5.87
Smoky Hills	313	8.8	25.1	7,923	30,908	172,819	19,220	3.90	21.81	5.98
South-Central Prairies	248	6.9	19.9	6,278	26,833	133,278	21,841	4.27	21.23	4.80
Flint Hills	190	5.3	15.2	4,810	21,087	77,258	17,994	4.38	16.06	3.85
Glaciated Plains	146	4.1	11.7	3,696	16,302	54,172	11,215	4.41	14.66	3.98
Osage Cuestas	174	4.9	13.9	4,405	17,973	71,234	13,438	4.08	16.17	4.37
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	1,121	44.2		31,802	140,370	613,141	45,929	4.41	19.28	4.66
Northern High Plains	79	3.1	7.0	2,241	10,865	54,015	12,088	4.85	24.10	5.82
Southern High Plains	69	2.7	6.2	1,957	10,241	47,972	14,006	5.23	24.51	5.39
Smoky Hills	260	10.3	23.2	7,376	30,241	158,186	20,486	4.10	21.45	5.61
South-Central Prairies	230	9.1	20.5	6,525	28,539	136,058	23,940	4.37	20.85	4.48
Flint Hills	181	7.1	16.1	5,135	23,007	80,398	19,981	4.48	15.66	3.54
Glaciated Plains	139	5.5	12.4	3,943	17,816	58,327	12,519	4.52	14.79	3.85
Osage Cuestas	163	6.4	14.5	4,624	19,660	78,185	14,902	4.25	16.91	4.44
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	127	12.3		2,524	6,975	52,797	7,161	2.76	20.92	7.73
Northern High Plains	15	1.4	11.8	298	795	5,683	1,902	2.67	19.07	7.84
Southern High Plains	14	1.4	11.0	278	934	5,782	2,026	3.36	20.79	8.23
Smoky Hills	53	5.1	41.7	1,053	3,080	24,858	4,807	2.92	23.60	7.84
South-Central Prairies	18	1.7	14.2	358	1,073	9,319	3,866	3.00	26.06	8.92
Flint Hills	9	0.9	7.1	179	437	4,332	2,085	2.44	24.22	10.17
Glaciated Plains	7	0.7	5.5	139	318	1,669	1,048	2.29	12.00	6.52
Osage Cuestas	11	1.1	8.7	219	338	1,153	644	1.55	5.27	3.32
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 Quail, 2013-2014 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	1,515	42.4		38,351	179,476	174,970	15,641	4.68	4.56	1.08
Northern High Plains	109	3.1	7.2	2,759	13,999	10,075	6,466	5.07	3.65	0.67
Southern High Plains	74	2.1	4.9	1,873	9,290	6,329	2,661	4.96	3.38	0.96
Smoky Hills	513	14.4	33.9	12,986	56,121	48,907	6,929	4.32	3.77	0.95
South-Central Prairies	283	7.9	18.7	7,164	33,465	33,136	5,753	4.67	4.63	1.09
Flint Hills	281	7.9	18.5	7,113	32,351	39,794	7,650	4.55	5.59	1.31
Glaciated Plains	124	3.5	8.2	3,139	14,733	13,594	3,552	4.69	4.33	1.19
Osage Cuestas	131	3.7	8.6	3,316	19,517	23,137	6,602	5.89	6.98	1.44
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	1,069	42.2		30,327	147,150	127,519	13,360	4.85	4.20	1.01
Northern High Plains	54	2.1	5.1	1,532	6,298	3,575	1,713	4.11	2.33	0.53
Southern High Plains	53	2.1	5.0	1,504	8,681	5,135	2,832	5.77	3.42	0.82
Smoky Hills	321	12.7	30.0	9,106	39,915	28,738	4,768	4.38	3.16	0.87
South-Central Prairies	203	8.0	19.0	5,759	29,958	27,405	5,807	5.20	4.76	1.02
Flint Hills	224	8.8	21.0	6,355	29,135	30,639	7,097	4.58	4.82	1.17
Glaciated Plains	105	4.1	9.8	2,979	13,390	10,638	2,850	4.50	3.57	1.08
Osage Cuestas	109	4.3	10.2	3,092	19,773	21,390	7,164	6.39	6.92	1.29
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	446	43.1		8,862	37,814	48,028	7,931	4.27	5.42	1.27
Northern High Plains	55	5.3	12.3	1,093	6,577	5,405	4,986	6.02	4.95	0.81
Southern High Plains	21	2.0	4.7	417	1,212	1,371	753	2.90	3.29	1.29
Smoky Hills	192	18.5	43.0	3,815	16,095	18,261	4,266	4.22	4.79	1.07
South-Central Prairies	80	7.7	17.9	1,590	5,286	6,816	2,009	3.33	4.29	1.27
Flint Hills	57	5.5	12.8	1,133	4,988	9,776	3,307	4.40	8.63	1.87
Glaciated Plains	19	1.8	4.3	378	2,186	3,219	1,941	5.79	8.53	1.81
Osage Cuestas	22	2.1	4.9	437	1,470	3,179	1,442	3.36	7.27	2.17
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 11: All Hunter Activity for Pheasant, 2013-2014 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	2,149	60.2		54,400	236,661	190,285	12,688	4.35	3.50	0.95
Northern High Plains	402	11.3	18.7	10,176	46,730	34,098	5,615	4.59	3.35	0.82
Southern High Plains	203	5.7	9.4	5,139	23,846	18,986	3,609	4.64	3.69	0.97
Smoky Hills	851	23.8	39.6	21,542	93,459	77,233	8,362	4.34	3.59	0.91
South-Central Prairies	390	10.9	18.1	9,872	41,059	39,313	5,794	4.16	3.98	1.11
Flint Hills	182	5.1	8.5	4,607	21,061	13,973	3,159	4.57	3.03	0.95
Glaciated Plains	99	2.8	4.6	2,506	9,214	3,595	1,025	3.68	1.43	0.77
Osage Cuestas	22	0.6	1.0	557	1,291	3,088	1,237	2.32	5.55	2.84
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	1,380	54.5		39,149	178,385	126,015	11,338	4.56	3.22	0.85
Northern High Plains	211	8.3	15.3	5,986	28,114	20,397	5,233	4.70	3.41	0.79
Southern High Plains	131	5.2	9.5	3,716	19,177	12,142	3,064	5.16	3.27	0.78
Smoky Hills	535	21.1	38.8	15,177	69,930	48,738	7,492	4.61	3.21	0.76
South-Central Prairies	268	10.6	19.4	7,603	33,163	28,568	5,015	4.36	3.76	1.01
Flint Hills	142	5.6	10.3	4,028	18,638	11,376	2,965	4.63	2.82	0.95
Glaciated Plains	81	3.2	5.9	2,298	8,624	2,837	927	3.75	1.23	0.71
Osage Cuestas	12	0.5	0.9	340	738	1,957	895	2.17	5.75	2.83
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	769	74.2		15,281	60,824	61,103	5,986	3.98	4.00	1.13
Northern High Plains	191	18.4	24.8	3,795	16,989	12,479	2,480	4.48	3.29	0.85
Southern High Plains	72	6.9	9.4	1,431	5,286	6,398	1,862	3.69	4.47	1.30
Smoky Hills	316	30.5	41.1	6,279	24,381	26,488	3,926	3.88	4.22	1.17
South-Central Prairies	122	11.8	15.9	2,424	9,001	10,849	2,914	3.71	4.48	1.32
Flint Hills	40	3.9	5.2	795	3,477	3,000	1,395	4.38	3.78	0.95
Glaciated Plains	18	1.7	2.3	358	1,192	835	488	3.33	2.33	1.03
Osage Cuestas	10	1.0	1.3	199	497	1,053	871	2.50	5.30	2.85
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, 2013-2014 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	135	3.8		3,417	11,594	2,126	677	3.39	0.62	0.28
Northern High Plains	23	0.6	17.0	582	2,759	228	329	4.74	0.39	0.09
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	65	1.8	48.1	1,645	6,151	962	420	3.74	0.58	0.29
South-Central Prairies	1	0.0	0.7	25	25	0	NE	1.00	0.00	0.00
Flint Hills	37	1.0	27.4	937	2,050	835	428	2.19	0.89	0.41
Glaciated Plains	3	0.1	2.2	76	329	0	NE	4.33	0.00	0.00
Osage Cuestas	6	0.2	4.4	152	278	101	130	1.83	0.67	0.42
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	72	2.8		2,043	5,929	1,333	582	2.90	0.65	0.31
Northern High Plains	10	0.4	13.9	284	965	199	383	3.40	0.70	0.11
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	29	1.1	40.3	823	3,234	511	283	3.93	0.62	0.39
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	28	1.1	38.9	794	1,362	596	407	1.71	0.75	0.35
Glaciated Plains	2	0.1	2.8	57	170	0	NE	3.00	0.00	0.00
Osage Cuestas	3	0.1	4.2	85	199	28	122	2.33	0.33	0.17
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	63	6.1		1,252	4,948	735	352	3.95	0.59	0.25
Northern High Plains	13	1.3	20.6	258	1,490	40	87	5.77	0.15	0.08
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	36	3.5	57.1	715	2,563	397	274	3.58	0.56	0.20
South-Central Prairies	1	0.1	1.6	20	20	0	NE	1.00	0.00	0.00
Flint Hills	9	0.9	14.3	179	656	238	206	3.67	1.33	0.60
Glaciated Plains	1	0.1	1.6	20	139	0	NE	7.00	0.00	0.00
Osage Cuestas	3	0.3	4.8	60	79	60	148	1.33	1.00	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 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 Prairie Chicken, 2013-2014 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	42	1.2		1,063	2,860	937	415	2.69	0.88	0.38
Northern High Plains	6	0.2	14.3	152	683	76	133	4.50	0.50	0.22
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	16	0.4	38.1	405	1,240	582	315	3.06	1.44	0.65
South-Central Prairies	1	0.0	2.4	25	25	0	NE	1.00	0.00	0.00
Flint Hills	14	0.4	33.3	354	683	228	235	1.93	0.64	0.25
Glaciated Plains	1	0.0	2.4	25	25	0	NE	1.00	0.00	0.00
Osage Cuestas	4	0.1	9.5	101	203	51	161	2.00	0.50	0.25
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	25	1.0		709	1,816	482	324	2.56	0.68	0.33
Northern High Plains	2	0.1	8.0	57	227	28	360	4.00	0.50	0.17
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	7	0.3	28.0	199	738	227	223	3.71	1.14	0.68
South-Central Prairies	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Flint Hills	13	0.5	52.0	369	681	227	266	1.85	0.62	0.24
Glaciated Plains	1	0.0	4.0	28	28	0	NE	1.00	0.00	0.00
Osage Cuestas	2	0.1	8.0	57	142	0	NE	2.50	0.00	0.00
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	17	1.6		338	974	397	247	2.88	1.18	0.47
Northern High Plains	4	0.4	23.5	79	378	40	126	4.75	0.50	0.25
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	9	0.9	52.9	179	457	298	228	2.56	1.67	0.62
South-Central Prairies	1	0.1	5.9	20	20	0	NE	1.00	0.00	0.00
Flint Hills	1	0.1	5.9	20	60	20	NE	3.00	1.00	0.33
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	2	0.2	11.8	40	60	40	505	1.50	1.00	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

^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 14: All Hunter Activity for Lesser Prairie-Chicken, 2013-2014 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	15	0.4		380	1,494	101	96	3.93	0.27	0.10
Resident										
State	8	0.3		227	908	57	88	4.00	0.25	0.09
Non-Resident										
State	7	0.7		139	537	40	63	3.86	0.29	0.10

*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 Cottontail, 2013-2014 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	548	15.4		13,872	79,309	69,183	9,074	5.72	4.99	1.06
Northern High Plains	49	1.4	8.9	1,240	8,961	6,607	3,561	7.22	5.33	0.89
Southern High Plains	32	0.9	5.8	810	7,544	4,354	1,584	9.31	5.38	1.05
Smoky Hills	106	3.0	19.3	2,683	13,340	9,467	2,747	4.97	3.53	0.81
South-Central Prairies	60	1.7	10.9	1,519	7,290	4,658	1,334	4.80	3.07	0.87
Flint Hills	80	2.2	14.6	2,025	10,683	9,417	2,903	5.28	4.65	0.97
Glaciated Plains	80	2.2	14.6	2,025	11,113	9,518	3,476	5.49	4.70	0.88
Osage Cuestas	141	3.9	25.7	3,569	20,378	25,162	6,117	5.71	7.05	1.54
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	488	19.3		13,844	78,866	68,965	9,464	5.70	4.98	1.04
Northern High Plains	36	1.4	7.4	1,021	6,837	6,667	3,928	6.69	6.53	1.02
Southern High Plains	27	1.1	5.5	766	7,348	3,801	1,464	9.59	4.96	1.08
Smoky Hills	87	3.4	17.8	2,468	12,369	9,816	3,017	5.01	3.98	0.88
South-Central Prairies	57	2.2	11.7	1,617	7,943	5,135	1,480	4.91	3.18	0.89
Flint Hills	72	2.8	14.8	2,043	10,184	8,426	2,777	4.99	4.13	0.88
Glaciated Plains	76	3.0	15.6	2,156	11,972	9,078	2,900	5.55	4.21	0.80
Osage Cuestas	133	5.2	27.3	3,773	22,213	26,043	6,717	5.89	6.90	1.41
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	60	5.8		1,192	7,014	6,001	2,681	5.88	5.03	1.25
Northern High Plains	13	1.3	21.7	258	2,245	517	393	8.69	2.00	0.54
Southern High Plains	5	0.5	8.3	99	775	755	1,023	7.80	7.60	0.85
Smoky Hills	19	1.8	31.7	378	1,808	556	267	4.79	1.47	0.53
South-Central Prairies	3	0.3	5.0	60	159	60	148	2.67	1.00	0.50
Flint Hills	8	0.8	13.3	159	1,252	1,490	1,333	7.88	9.38	1.74
Glaciated Plains	4	0.4	6.7	79	338	1,113	3,042	4.25	14.00	2.38
Osage Cuestas	8	0.8	13.3	159	437	1,510	1,193	2.75	9.50	3.62
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: All Hunter Activity for Jackrabbit, 2013-2014 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	70	2.0		1,772	15,188	8,278	5,215	8.57	4.67	0.70
Northern High Plains	18	0.5	25.7	456	3,316	3,746	5,266	7.28	8.22	0.99
Southern High Plains	31	0.9	44.3	785	8,506	3,696	1,513	10.84	4.71	0.66
Smoky Hills	16	0.4	22.9	405	2,557	456	294	6.31	1.13	0.38
South-Central Prairies	4	0.1	5.7	101	430	380	424	4.25	3.75	1.16
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	1.4	25	380	0	NE	15.00	0.00	0.00
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	57	2.2		1,617	15,092	8,653	5,813	9.33	5.35	0.78
Northern High Plains	15	0.6	26.3	426	3,234	4,114	5,972	7.60	9.67	1.12
Southern High Plains	25	1.0	43.9	709	8,624	3,745	1,596	12.16	5.28	0.72
Smoky Hills	12	0.5	21.1	340	2,326	369	268	6.83	1.08	0.44
South-Central Prairies	4	0.2	7.0	113	482	426	475	4.25	3.75	1.16
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	1.8	28	426	0	NE	15.00	0.00	0.00
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	13	1.3		258	1,351	437	429	5.23	1.69	0.33
Northern High Plains	3	0.3	23.1	60	338	60	148	5.67	1.00	0.38
Southern High Plains	6	0.6	46.2	119	636	278	479	5.33	2.33	0.41
Smoky Hills	4	0.4	30.8	79	378	99	239	4.75	1.25	0.19
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

*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 17: All Hunter Activity for Squirrel, 2013-2014 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	397	11.1		10,050	60,855	66,778	10,883	6.06	6.64	1.26
Northern High Plains	5	0.1	1.3	127	658	506	588	5.20	4.00	0.87
Southern High Plains	1	0.0	0.3	25	51	101	NE	2.00	4.00	2.00
Smoky Hills	41	1.1	10.3	1,038	5,012	3,139	1,045	4.83	3.02	1.17
South-Central Prairies	43	1.2	10.8	1,089	6,075	4,962	1,886	5.58	4.56	0.97
Flint Hills	76	2.1	19.1	1,924	9,341	7,974	2,724	4.86	4.14	0.85
Glaciated Plains	101	2.8	25.4	2,557	14,935	19,897	7,370	5.84	7.78	1.38
Osage Cuestas	130	3.6	32.7	3,291	24,782	30,200	7,021	7.53	9.18	1.55
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	380	15.0		10,780	66,213	72,767	12,133	6.14	6.75	1.26
Northern High Plains	4	0.2	1.1	113	709	539	697	6.25	4.75	0.83
Southern High Plains	1	0.0	0.3	28	57	113	NE	2.00	4.00	2.00
Smoky Hills	38	1.5	10.0	1,078	5,447	3,404	1,158	5.05	3.16	1.22
South-Central Prairies	42	1.7	11.1	1,192	6,752	5,504	2,110	5.67	4.62	0.97
Flint Hills	72	2.8	18.9	2,043	9,419	8,369	2,990	4.61	4.10	0.87
Glaciated Plains	96	3.8	25.3	2,723	16,426	21,873	8,237	6.03	8.03	1.36
Osage Cuestas	127	5.0	33.4	3,603	27,405	32,965	7,851	7.61	9.15	1.53
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	17	1.6		338	1,391	1,451	879	4.12	4.29	1.31
Northern High Plains	1	0.1	5.9	20	20	20	NE	1.00	1.00	1.00
Southern High Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Smoky Hills	3	0.3	17.6	60	119	79	171	2.00	1.33	0.56
South-Central Prairies	1	0.1	5.9	20	40	40	NE	2.00	2.00	1.00
Flint Hills	4	0.4	23.5	79	735	397	807	9.25	5.00	0.60
Glaciated Plains	5	0.5	29.4	99	219	298	338	2.20	3.00	1.80
Osage Cuestas	3	0.3	17.6	60	258	616	1,008	4.33	10.33	2.42
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 18. Mean number of Small Game hunting days and the proportion that occurred on Public Land.

Year	Sample ^a Active Hunters	Mean No. Upland Days	Mean No. Public Upland Days	Percent on Public Land
1980	3,269	9.58	1.75	18.22
1981	3,058	11.13	1.74	15.63
1982	3,047	11.44	1.71	14.95
1983	2,735	10.16	1.69	16.64
1984	2,429	8.87	1.34	15.07
1985	2,386	9.79	1.52	15.49
1986	2,333	10.96	1.49	13.58
1987	2,937	10.16	1.38	13.55
1988	2,518	10.31	1.50	14.60
1989	2,240	10.58	1.44	13.63
1990	2,449	11.49	1.59	13.85
1991	2,401	10.94	1.41	12.93
1992	2,200	9.89	1.43	14.43
1993	1,945	9.58	1.24	12.99
1994	1,983	10.71	1.29	12.04
1995 ^b	2,007	9.04	1.34	14.83
1996	1,971	9.24	1.58	17.10
1997	2,615	9.62	1.61	16.77
1998	3,292	9.49	1.51	15.91
1999	3,430	9.46	1.99	21.04
2000	2,891	9.23	2.29	24.81
2001	2,449	7.46	1.76	23.59
2002	1,823	8.48	2.21	26.06
2003	2,230	8.23	1.84	22.36
2004	2,116	8.15	1.97	24.17
2005	1,743	7.21	1.94	26.92
2006 ^c	2,383	7.49	1.73	23.10
2007	3,322	8.23	1.85	22.53
2008	2,930	6.77	1.49	22.00
2009	4,509	6.93	1.52	21.92
2010	4,156	7.21	1.63	22.62
2011	2,951	6.58	1.44	21.88
2012	4,167	6.43	1.34	20.84
2013	2,688	7.06	1.67	22.21

^a Hunters reporting some small game activity. Values from 1980-2005 are for Resident hunters only.

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

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

Table 19. Number and percent of non-resident respondents by state or country of residence 2013 - 2014.

State/Country	Number	Percent	State/Country	Number	Percent
Colorado	387	13.20	California	29	0.99
Missouri	351	11.97	Kentucky	25	0.85
Texas	298	10.16	Wyoming	25	0.85
Oklahoma	256	8.73	South Dakota	18	0.61
Arkansas	250	8.53	Virginia	17	0.58
Louisiana	126	4.30	Alaska	15	0.51
Michigan	98	3.34	Utah	15	0.51
Minnesota	80	2.73	West Virginia	13	0.44
Georgia	71	2.42	Idaho	11	0.38
Nebraska	67	2.29	Washington	11	0.38
Illinois	64	2.18	New Jersey	10	0.34
Pennsylvania	63	2.15	Oregon	9	0.31
Wisconsin	60	2.05	Maryland	8	0.27
Florida	57	1.94	Connecticut	7	0.24
Mississippi	57	1.94	Massachusetts	7	0.24
North Carolina	57	1.94	Montana	7	0.24
Alabama	50	1.71	Nevada	7	0.24
Tennessee	40	1.36	Vermont	7	0.24
New York	38	1.30	Maine	5	0.17
Iowa	37	1.26	New Hampshire	5	0.17
Ohio	33	1.13	North Dakota	4	0.14
Indiana	32	1.09	Canada	3	0.10
South Carolina	32	1.09	Australia	1	0.03
New Mexico	30	1.02	Norway	1	0.03
Arizona	29	0.99	Rhode Island	1	0.03

Table 20. Regional breakdown of hunting activity as indicated by sample sizes for the 2013 - 2014 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)	^a Lesser Prairie Chicken	Cottontail	Jackrabbit	Squirrel
All Hunters (Resident and Non-Resident)								
State	1,248 (35)	1,511 (42)	2,149 (60)	135 (4)	15 (0)	548 (15)	70 (2)	397 (11)
Northern High Plains	94 (3)	108 (3)	402 (11)	23 (1)	1 (0)	49 (1)	18 (1)	5 (0)
Southern High Plains	83 (2)	74 (2)	203 (6)	0 (0)	8 (0)	32 (1)	31 (1)	1 (0)
Smoky Hills	313 (9)	511 (14)	851 (24)	65 (2)	3 (0)	106 (3)	16 (0)	41 (1)
South-Central Prairies	248 (7)	282 (8)	390 (11)	1 (0)	3 (0)	60 (2)	4 (0)	43 (1)
Flint Hills	190 (5)	281 (8)	182 (5)	37 (1)	0 (0)	80 (2)	0 (0)	76 (2)
Glaciated Plains	146 (4)	124 (3)	99 (3)	3 (0)	0 (0)	80 (2)	0 (0)	101 (3)
Osage Cuestas	174 (5)	131 (4)	22 (1)	6 (0)	0 (0)	141 (4)	1 (0)	130 (4)
Resident								
State	1,121 (44)	1,067 (42)	1,380 (54)	72 (3)	8 (0)	488 (19)	57 (2)	380 (15)
Northern High Plains	79 (3)	54 (2)	211 (8)	10 (0)	0 (0)	36 (1)	15 (1)	4 (0)
Southern High Plains	69 (3)	53 (2)	131 (5)	0 (0)	5 (0)	27 (1)	25 (1)	1 (0)
Smoky Hills	260 (10)	320 (13)	535 (21)	29 (1)	2 (0)	87 (3)	12 (0)	38 (1)
South-Central Prairies	230 (9)	202 (8)	268 (11)	0 (0)	1 (0)	57 (2)	4 (0)	42 (2)
Flint Hills	181 (7)	224 (9)	142 (6)	28 (1)	0 (0)	72 (3)	0 (0)	72 (3)
Glaciated Plains	139 (5)	105 (4)	81 (3)	2 (0)	0 (0)	76 (3)	0 (0)	96 (4)
Osage Cuestas	163 (6)	109 (4)	12 (0)	3 (0)	0 (0)	133 (5)	1 (0)	127 (5)
Non-Resident								
State	127 (12)	444 (43)	769 (74)	63 (6)	7 (1)	60 (6)	13 (1)	17 (2)
Northern High Plains	15 (1)	54 (5)	191 (18)	13 (1)	1 (0)	13 (1)	3 (0)	1 (0)
Southern High Plains	14 (1)	21 (2)	72 (7)	0 (0)	3 (0)	5 (0)	6 (1)	0 (0)
Smoky Hills	53 (5)	191 (18)	316 (31)	36 (3)	1 (0)	19 (2)	4 (0)	3 (0)
South-Central Prairies	18 (2)	80 (8)	122 (12)	1 (0)	2 (0)	3 (0)	0 (0)	1 (0)
Flint Hills	9 (1)	57 (6)	40 (4)	9 (1)	0 (0)	8 (1)	0 (0)	4 (0)
Glaciated Plains	7 (1)	19 (2)	18 (2)	1 (0)	0 (0)	4 (0)	0 (0)	5 (0)
Osage Cuestas	11 (1)	22 (2)	10 (1)	3 (0)	0 (0)	8 (1)	0 (0)	3 (0)

*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 21. All hunter activity for prairie dog, 2013 – 2014 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	193	5.4		4,886	27,769	235,243	58,081	5.68	48.15	10.50
Northern High Plains	73	2.0	37.8	1,848	12,758	88,827	35,210	6.90	48.07	10.63
Southern High Plains	60	1.7	31.1	1,519	7,670	85,232	34,723	5.05	56.12	12.70
Smoky Hills	32	0.9	16.6	810	4,582	39,870	30,714	5.66	49.22	7.96
South-Central Prairies	27	0.8	14.0	683	2,734	21,314	11,506	4.00	31.19	8.66
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	0.5	25	25	0	NE	1.00	0.00	0.00
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	141	5.6		4,000	27,348	209,903	61,821	6.84	52.48	9.42
Northern High Plains	59	2.3	41.8	1,674	13,305	84,483	37,779	7.95	50.47	9.62
Southern High Plains	36	1.4	25.5	1,021	6,440	63,150	36,192	6.31	61.83	11.27
Smoky Hills	25	1.0	17.7	709	4,794	41,419	34,399	6.76	58.40	8.03
South-Central Prairies	20	0.8	14.2	567	2,780	20,851	12,772	4.90	36.75	7.72
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	0.7	28	28	0	NE	1.00	0.00	0.00
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	52	5.0		1,033	2,643	37,635	14,527	2.56	36.42	13.43
Northern High Plains	14	1.4	26.9	278	695	10,551	9,272	2.50	37.93	14.92
Southern High Plains	24	2.3	46.2	477	1,510	22,673	11,516	3.17	47.54	14.84
Smoky Hills	7	0.7	13.5	139	238	2,285	2,268	1.71	16.43	7.74
South-Central Prairies	7	0.7	13.5	139	199	2,126	1,430	1.43	15.29	11.36
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 22. All hunter activity for Coyote, 2013 – 2014 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	875	24.5		22,150	158,010	69,259	9,596	7.13	3.13	0.42
Northern High Plains	79	2.2	9.0	2,000	16,074	7,468	2,906	8.04	3.73	0.47
Southern High Plains	74	2.1	8.5	1,873	15,264	10,607	4,028	8.15	5.66	0.67
Smoky Hills	170	4.8	19.4	4,303	30,225	10,986	3,761	7.02	2.55	0.34
South-Central Prairies	112	3.1	12.8	2,835	12,632	5,772	1,801	4.46	2.04	0.50
Flint Hills	181	5.1	20.7	4,582	32,225	14,733	4,826	7.03	3.22	0.42
Glaciated Plains	115	3.2	13.1	2,911	20,859	6,809	2,504	7.17	2.34	0.29
Osage Cuestas	144	4.0	16.5	3,645	30,731	12,885	4,557	8.43	3.53	0.41
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	772	30.5		21,901	163,377	71,235	10,383	7.46	3.25	0.41
Northern High Plains	60	2.4	7.8	1,702	14,865	7,461	3,107	8.73	4.38	0.47
Southern High Plains	66	2.6	8.5	1,872	16,142	10,950	4,384	8.62	5.85	0.65
Smoky Hills	151	6.0	19.6	4,284	32,029	11,887	4,182	7.48	2.77	0.36
South-Central Prairies	97	3.8	12.6	2,752	13,135	5,532	1,830	4.77	2.01	0.47
Flint Hills	155	6.1	20.1	4,397	32,568	14,411	5,074	7.41	3.28	0.40
Glaciated Plains	111	4.4	14.4	3,149	22,951	7,348	2,801	7.29	2.33	0.27
Osage Cuestas	132	5.2	17.1	3,745	31,688	13,646	4,998	8.46	3.64	0.42
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	103	9.9		2,047	9,598	4,471	1,959	4.69	2.18	0.47
Northern High Plains	19	1.8	18.4	378	2,206	636	653	5.84	1.68	0.47
Southern High Plains	8	0.8	7.8	159	676	656	967	4.25	4.13	0.81
Smoky Hills	19	1.8	18.4	378	1,292	298	261	3.42	0.79	0.21
South-Central Prairies	15	1.4	14.6	298	715	656	673	2.40	2.20	0.66
Flint Hills	26	2.5	25.2	517	2,484	1,470	1,405	4.81	2.85	0.53
Glaciated Plains	4	0.4	3.9	79	298	199	242	3.75	2.50	0.65
Osage Cuestas	12	1.2	11.7	238	1,927	556	851	8.08	2.33	0.21
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 23. All hunter activity for coyote hunters without a furharvester license, 2013 – 2014 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	709	19.9		17,948	113,635	48,122	7,927	6.33	2.68	0.40
Northern High Plains	65	1.8	9.2	1,645	12,277	4,784	2,323	7.46	2.91	0.43
Southern High Plains	61	1.7	8.6	1,544	11,493	8,075	3,555	7.44	5.23	0.62
Smoky Hills	133	3.7	18.8	3,367	18,732	6,556	2,796	5.56	1.95	0.33
South-Central Prairies	94	2.6	13.3	2,380	9,569	4,076	1,507	4.02	1.71	0.48
Flint Hills	147	4.1	20.7	3,721	23,314	9,746	3,507	6.27	2.62	0.39
Glaciated Plains	88	2.5	12.4	2,228	15,416	5,012	1,996	6.92	2.25	0.27
Osage Cuestas	121	3.4	17.1	3,063	22,833	9,872	4,343	7.45	3.22	0.40
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	607	24.0		17,220	113,788	47,632	8,443	6.61	2.77	0.39
Northern High Plains	46	1.8	7.6	1,305	10,610	4,454	2,454	8.13	3.41	0.42
Southern High Plains	54	2.1	8.9	1,532	12,057	8,199	3,841	7.87	5.35	0.59
Smoky Hills	114	4.5	18.8	3,234	19,149	6,922	3,106	5.92	2.14	0.35
South-Central Prairies	79	3.1	13.0	2,241	9,702	3,631	1,452	4.33	1.62	0.45
Flint Hills	121	4.8	19.9	3,433	22,582	8,823	3,452	6.58	2.57	0.35
Glaciated Plains	84	3.3	13.8	2,383	16,851	5,333	2,231	7.07	2.24	0.25
Osage Cuestas	109	4.3	18.0	3,092	22,837	10,270	4,756	7.39	3.32	0.42
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	102	9.8		2,027	9,498	4,411	1,959	4.69	2.18	0.47
Northern High Plains	19	1.8	18.6	378	2,206	636	653	5.84	1.68	0.47
Southern High Plains	7	0.7	6.9	139	576	596	1,009	4.14	4.29	0.84
Smoky Hills	19	1.8	18.6	378	1,292	298	261	3.42	0.79	0.21
South-Central Prairies	15	1.4	14.7	298	715	656	673	2.40	2.20	0.66
Flint Hills	26	2.5	25.5	517	2,484	1,470	1,405	4.81	2.85	0.53
Glaciated Plains	4	0.4	3.9	79	298	199	242	3.75	2.50	0.65
Osage Cuestas	12	1.2	11.8	238	1,927	556	851	8.08	2.33	0.21
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 coyote hunters with a furharvester license, 2013 – 2014 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	166	4.6		4,202	44,375	21,137	5,286	10.56	5.03	0.50
Northern High Plains	14	0.4	8.4	354	3,797	2,683	1,754	10.71	7.57	0.65
Southern High Plains	13	0.4	7.8	329	3,772	2,531	2,129	11.46	7.69	0.91
Smoky Hills	37	1.0	22.3	937	11,493	4,430	2,503	12.27	4.73	0.38
South-Central Prairies	18	0.5	10.8	456	3,063	1,696	995	6.72	3.72	0.56
Flint Hills	34	1.0	20.5	861	8,911	4,987	3,357	10.35	5.79	0.56
Glaciated Plains	27	0.8	16.3	683	5,443	1,797	1,602	7.96	2.63	0.33
Osage Cuestas	23	0.6	13.9	582	7,898	3,012	1,440	13.57	5.17	0.47
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 25. All hunter activity for teal, 2013 special early season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	195	5.5		4,936	15,669	53,640	8,700	3.17	10.87	3.04
Northern High Plains	2	0.1	1.0	51	51	76	965	1.00	1.50	1.50
Southern High Plains	6	0.2	3.1	152	481	1,316	1,432	3.17	8.67	2.03
Smoky Hills	76	2.1	39.0	1,924	7,189	28,630	5,867	3.74	14.88	3.95
South-Central Prairies	44	1.2	22.6	1,114	3,595	12,784	4,935	3.23	11.48	3.26
Flint Hills	16	0.4	8.2	405	1,342	4,354	2,510	3.31	10.75	2.59
Glaciated Plains	17	0.5	8.7	430	962	1,544	919	2.24	3.59	1.56
Osage Cuestas	34	1.0	17.4	861	2,050	4,936	2,197	2.38	5.74	1.95
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	178	7.0		5,050	16,170	55,008	9,633	3.20	10.89	2.97
Northern High Plains	2	0.1	1.1	57	57	85	1,081	1.00	1.50	1.50
Southern High Plains	6	0.2	3.4	170	539	1,475	1,604	3.17	8.67	2.03
Smoky Hills	69	2.7	38.8	1,957	7,546	29,788	6,509	3.86	15.22	3.89
South-Central Prairies	39	1.5	21.9	1,106	3,575	13,078	5,505	3.23	11.82	3.30
Flint Hills	15	0.6	8.4	426	1,418	4,369	2,797	3.33	10.27	2.36
Glaciated Plains	16	0.6	9.0	454	993	1,447	952	2.19	3.19	1.45
Osage Cuestas	31	1.2	17.4	879	2,043	4,766	2,227	2.32	5.42	1.88
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	17	1.6		338	974	3,577	1,207	2.88	10.59	3.72
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	0.7	41.2	139	358	1,610	820	2.57	11.57	4.46
South-Central Prairies	5	0.5	29.4	99	318	874	732	3.20	8.80	2.96
Flint Hills	1	0.1	5.9	20	60	358	NE	3.00	18.00	6.00
Glaciated Plains	1	0.1	5.9	20	60	199	NE	3.00	10.00	3.33
Osage Cuestas	3	0.3	17.6	60	179	537	1,820	3.00	9.00	2.61
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 26. All hunter activity for ducks, 2013-2014 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	828	23.2		20,960	165,098	378,672	39,130	7.88	18.07	2.03
Northern High Plains	14	0.4	1.7	354	1,190	2,810	3,159	3.36	7.93	2.05
Southern High Plains	12	0.3	1.4	304	2,253	3,443	2,895	7.42	11.33	1.25
Smoky Hills	179	5.0	21.6	4,531	31,491	84,979	21,560	6.95	18.75	2.30
South-Central Prairies	162	4.5	19.6	4,101	31,592	80,676	17,139	7.70	19.67	2.24
Flint Hills	133	3.7	16.1	3,367	26,909	58,728	16,012	7.99	17.44	1.98
Glaciated Plains	100	2.8	12.1	2,531	18,100	31,820	10,206	7.15	12.57	1.62
Osage Cuestas	228	6.4	27.5	5,772	53,564	116,217	20,179	9.28	20.14	1.91
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	645	25.5		18,298	159,264	362,046	41,817	8.70	19.79	1.95
Northern High Plains	4	0.2	0.6	113	255	255	227	2.25	2.25	1.33
Southern High Plains	8	0.3	1.2	227	2,071	3,404	3,319	9.13	15.00	1.28
Smoky Hills	124	4.9	19.2	3,518	29,390	79,745	23,262	8.35	22.67	2.26
South-Central Prairies	135	5.3	20.9	3,830	32,029	79,292	18,070	8.36	20.70	2.14
Flint Hills	108	4.3	16.7	3,064	26,866	57,419	17,635	8.77	18.74	1.89
Glaciated Plains	82	3.2	12.7	2,326	17,589	29,929	10,923	7.56	12.87	1.58
Osage Cuestas	184	7.3	28.5	5,220	51,064	112,001	21,430	9.78	21.46	1.85
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	183	17.7		3,636	18,043	43,656	8,632	4.96	12.01	2.29
Northern High Plains	10	1.0	5.5	199	755	2,027	2,558	3.80	10.20	2.33
Southern High Plains	4	0.4	2.2	79	318	318	231	4.00	4.00	1.19
Smoky Hills	55	5.3	30.1	1,093	4,133	10,849	3,780	3.78	9.93	2.38
South-Central Prairies	27	2.6	14.8	537	2,365	7,789	4,747	4.41	14.52	2.72
Flint Hills	25	2.4	13.7	497	2,305	5,882	2,331	4.64	11.84	2.37
Glaciated Plains	18	1.7	9.8	358	1,888	4,014	2,673	5.28	11.22	1.81
Osage Cuestas	44	4.2	24.0	874	6,279	12,777	5,044	7.18	14.61	2.15
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE

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Table 27. All hunter activity for all goose species, 2013-2014 season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	642	18.0		16,252	116,951	213,777	39,252	7.20	13.15	1.56
Northern High Plains	9	0.3	1.4	228	709	785	712	3.11	3.44	1.10
Southern High Plains	12	0.3	1.9	304	2,126	5,392	5,377	7.00	17.75	1.62
Smoky Hills	136	3.8	21.2	3,443	19,137	38,528	15,769	5.56	11.19	1.81
South-Central Prairies	150	4.2	23.4	3,797	34,402	86,827	28,724	9.06	22.87	2.01
Flint Hills	113	3.2	17.6	2,860	18,656	30,630	15,475	6.52	10.71	1.34
Glaciated Plains	98	2.7	15.3	2,481	19,618	25,744	9,389	7.91	10.38	1.31
Osage Cuestas	124	3.5	19.3	3,139	22,302	25,871	9,901	7.10	8.24	1.18
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Resident										
State	521	20.6		14,780	113,136	210,725	42,996	7.65	14.26	1.50
Northern High Plains	5	0.2	1.0	142	539	454	519	3.80	3.20	0.90
Southern High Plains	8	0.3	1.5	227	1,986	5,702	6,087	8.75	25.13	2.01
Smoky Hills	96	3.8	18.4	2,723	16,199	33,390	17,225	5.95	12.26	1.59
South-Central Prairies	127	5.0	24.4	3,603	33,589	87,065	31,469	9.32	24.17	1.89
Flint Hills	99	3.9	19.0	2,809	19,433	32,114	17,275	6.92	11.43	1.38
Glaciated Plains	82	3.2	15.7	2,326	20,256	26,383	10,385	8.71	11.34	1.27
Osage Cuestas	104	4.1	20.0	2,950	21,135	25,617	10,838	7.16	8.68	1.22
Region Unknown	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Non-Resident										
State	121	11.7		2,404	12,558	20,209	6,268	5.22	8.40	1.84
Northern High Plains	4	0.4	3.3	79	179	298	718	2.25	3.75	1.35
Southern High Plains	4	0.4	3.3	79	278	238	372	3.50	3.00	0.84
Smoky Hills	40	3.9	33.1	795	3,676	6,855	3,032	4.63	8.63	2.35
South-Central Prairies	23	2.2	19.0	457	3,477	7,173	5,066	7.61	15.70	2.68
Flint Hills	14	1.4	11.6	278	1,033	1,550	1,200	3.71	5.57	1.07
Glaciated Plains	16	1.5	13.2	318	1,212	1,729	1,129	3.81	5.44	1.54
Osage Cuestas	20	1.9	16.5	397	2,702	2,365	1,839	6.80	5.95	0.96
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 28: All Hunter Activity for Woodcock for Hunting Season 2013-2014.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	4	0.1		101	177	25	81	1.75	0.25	0.25
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	1	0.0	25.0	25	25	0	NE	1.00	0.00	0.00
Glaciated Plains	0	0.0	NE	NE	NE	NE	NE	NE	NE	NE
Osage Cuestas	3	0.1	75.0	76	152	25	109	2.00	0.33	0.33
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 29: All Hunter Activity for Rail for Hunting Season 2013-2014.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	5	0.1		127	329	759	1,094	2.60	6.00	4.13
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	20.0	25	25	304	NE	1.00	12.00	12.00
South-Central Prairies	1	0.0	20.0	25	25	25	NE	1.00	1.00	1.00
Flint Hills	1	0.0	20.0	25	253	380	NE	10.00	15.00	1.50
Glaciated Plains	1	0.0	20.0	25	0	0	NE	0.00	0.00	
Osage Cuestas	1	0.0	20.0	25	25	51	NE	1.00	2.00	2.00
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 30: All Hunter Activity for Crane, for 2013-2014 Season.

Region	Sample Size	% Active SG Hunter ^a	% Active in Region ^b	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^c	Season Days per Hunter	Season Bag per Hunter	Average Bag per Day
All Hunters (Resident and Non-Resident)										
State	23	0.6		582	2,152	709	379	3.70	1.22	0.65
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	0.3	39.1	228	987	203	239	4.33	0.89	0.49
South-Central Prairies	11	0.3	47.8	278	937	430	328	3.36	1.55	0.74
Flint Hills	1	0.0	4.3	25	152	0	NE	6.00	0.00	0.00
Glaciated Plains	1	0.0	4.3	25	25	51	NE	1.00	2.00	2.00
Osage Cuestas	1	0.0	4.3	25	51	25	NE	2.00	1.00	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 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