

SMALL GAME HUNTER ACTIVITY SURVEY - 2012
STATEWIDE WILDLIFE RESEARCH AND SURVEYS

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SMALL GAME HUNTER ACTIVITY SURVEY - 2012

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

Procedure: A random sample of 20,665 (~15% of all license types that allowed small game hunting) Kansas resident and 9,345 non-resident 2012 hunting, combination, and lifetime license holders was selected from all Kansas counties using the electronic Kansas Outdoors Automated Licensing System (KOALS). The following are not required to have a hunting license: 1) owners of land or tenants of land leased for agriculture, and immediate family members living with resident landowners and resident or non-resident tenants, while hunting on this land, 2) residents 15 and younger or 65 and older. These exemptions were not included in the sampling effort for this survey. Each licensed individual was notified by postcard or email in February 2013 of their selection for the survey and asked to complete an on-line questionnaire of their hunting activity for the 2012-2013 seasons. After comparing paper responses and electronic responses for 2010 data, and seeing no differences, the 2011 and 2012 surveys were completed entirely by electronic means, therefore no paper survey was offered again this year. For those receiving postcard notifications after approximately 2 weeks, non-respondents were mailed a second postcard notification requesting their participation in this survey. Those non-respondents receiving email notifications were reminded approximately once per week for 4 weeks.

To achieve hunter and harvest estimates we used answers from respondents to estimate percentage of active small game hunter for all license holders for the 2012-2013 small game seasons. From this pool we then calculated the percentage of individual species hunted. Then we extrapolated the active small game hunter percentage and their species specific hunting/harvest information to total license holders. This provided estimates of total hunters, hunter effort, and bag for all species.

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

Results: From the 30,010 deliverable notifications, 8,864 usable responses were obtained for an overall response rate of 30%. These included 5,816 responses from resident hunters, and 3,048 responses from non-resident hunters. Of these, 4,774 (54%) 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 permits) during the 2012-2013 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>				
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 - 2012	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
<u>PHEASANT</u>				
2009 - 2012	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	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 - 2012	Open All Year	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 - 2012	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 - 2012.

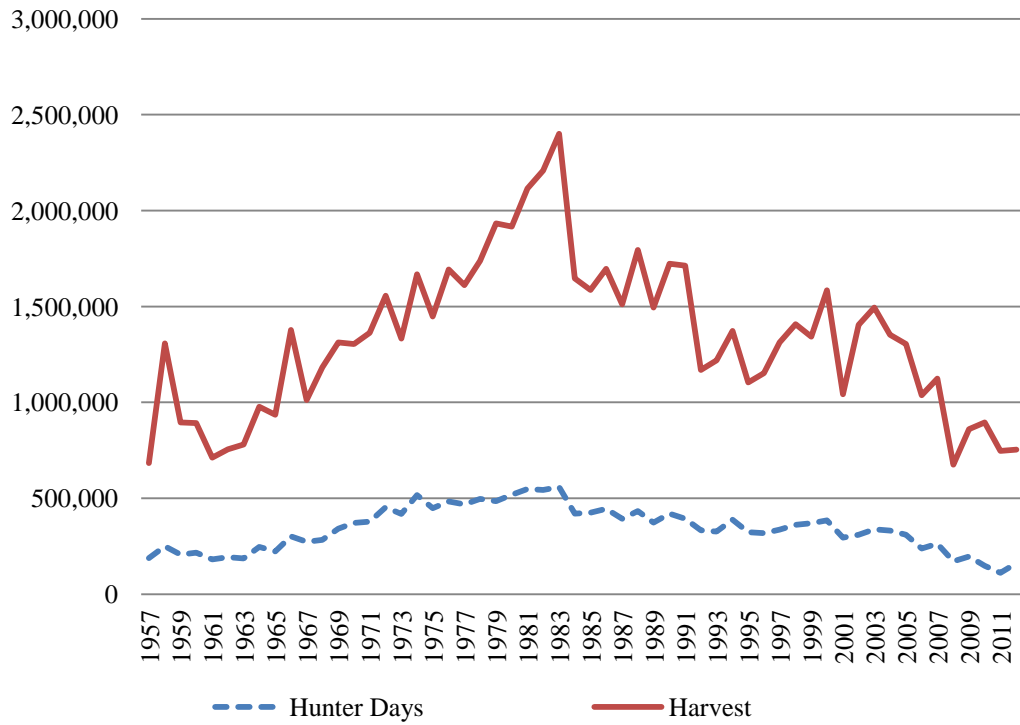


Table 2. Estimated annual DOVE hunting activity in Kansas.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
1957	24	45,400	188,000	684,000	4.15	15.07	3.63
1958	25	58,000	250,000	1,308,000	4.31	22.56	5.24
1959	23	53,200	207,000	896,000	3.89	16.85	4.33
1960	27	61,400	217,000	893,000	3.54	14.55	4.11
1961	23	^a 48,300	181,000	712,000	3.75	14.74	3.93
1962	25	48,800	194,000	755,000	3.98	15.48	2.87
1963	28	50,100	186,000	781,000	3.71	15.58	4.20
1964	33	58,000	247,000	978,000	4.26	16.87	3.96
1965	31	54,100	223,000	936,000	4.13	17.30	4.19
1966	34	67,000	302,000	1,378,000	4.50	20.57	4.57
1967	31	63,300	273,000	1,013,000	4.31	16.01	^b 3.71
1968	33	66,100	283,000	1,183,000	4.27	17.89	4.17
1969	36	74,500	341,000	1,312,000	4.58	17.61	3.84
1970	35	74,200	371,000	1,304,000	5.00	17.57	3.51
1971	39	81,200	378,000	1,363,000	4.66	16.79	3.75
1972	41	85,900	454,000	1,556,000	5.29	18.11	3.78
1973	36	78,200	419,000	1,333,000	5.36	17.05	3.60
1974	44	94,300	517,000	1,668,000	5.48	17.69	3.50
1975	43	86,000	448,000	1,448,000	5.21	16.84	3.49
1976	44	89,700	483,000	1,694,000	5.39	18.89	3.75
1977	43	89,200	469,000	1,612,000	5.26	18.06	3.69
1978	42	89,300	497,000	1,739,000	5.56	19.45	4.14
^c 1979	43	98,700	486,000	1,933,000	4.92	19.59	4.51
1980	45	104,100	519,000	1,916,000	4.99	18.41	3.93
1981	44	103,000	549,000	2,115,000	5.33	20.54	3.95
1982	43	107,300	543,000	2,208,000	5.06	20.58	4.23
1983	44	104,900	558,000	2,400,000	5.32	23.06	4.49
1984	45	85,900	420,000	1,647,000	4.89	19.17	4.27
1985	45	84,200	426,000	1,586,000	5.05	18.84	3.83
1986	47	91,300	445,000	1,697,000	4.88	18.58	3.95
1987	42	83,100	393,000	1,512,000	4.73	18.18	3.93
1988	48	92,000	434,000	1,795,000	4.67	19.32	4.21
1989	45	79,600	373,000	1,495,000	4.69	18.79	4.12
1990	44	79,100	421,000	1,724,000	5.32	21.79	4.27
1991	45	83,100	393,000	1,714,000	4.73	20.63	4.44
1992	43	73,100	333,000	1,170,000	4.55	16.00	3.62
1993	41	72,000	326,000	1,219,000	4.53	16.94	3.80
1994	41	77,400	389,000	1,373,000	5.02	17.74	3.78
1995	41	74,400	324,000	1,105,000	4.35	14.86	3.35
1996	44	70,100	318,000	1,152,000	4.54	16.44	3.64
1997	43	71,700	337,000	1,312,000	4.69	18.29	4.20
1998	43	73,800	362,000	1,408,000	4.91	19.08	4.05
1999	40	71,200	370,000	1,342,000	5.19	18.83	3.87
2000	43	80,300	386,000	1,584,000	4.81	19.72	4.31
2001	42	69,900	295,000	1,042,000	4.23	14.90	3.74
2002	44	70,600	309,800	1,404,600	4.39	19.89	4.54
2003	44	73,500	338,000	1,494,000	4.60	20.34	4.72
2004	42	72,300	331,000	1,352,000	4.58	18.71	4.45
2005	38	66,500	310,000	1,305,000	4.67	19.63	4.42
^d 2006	32	52,200	238,000	1,038,000	4.55	19.86	4.69
2007	36	56,600	263,000	1,125,000	4.63	19.87	4.57
2008	29	39,500	171,000	676,000	4.19	16.46	4.08
2009	26	44,200	197,000	861,000	4.47	19.48	4.65
2010	30	44,656	148,453	896,287	4.55	20.07	4.69
2011	31	38,429	112,355	747,538	4.24	19.45	4.80
2012	36	37,791	161,439	753,390	4.27	19.94	5.00

^a Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

^b 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.

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

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

Kansas Bobwhite Harvest, 1957 - 2012.

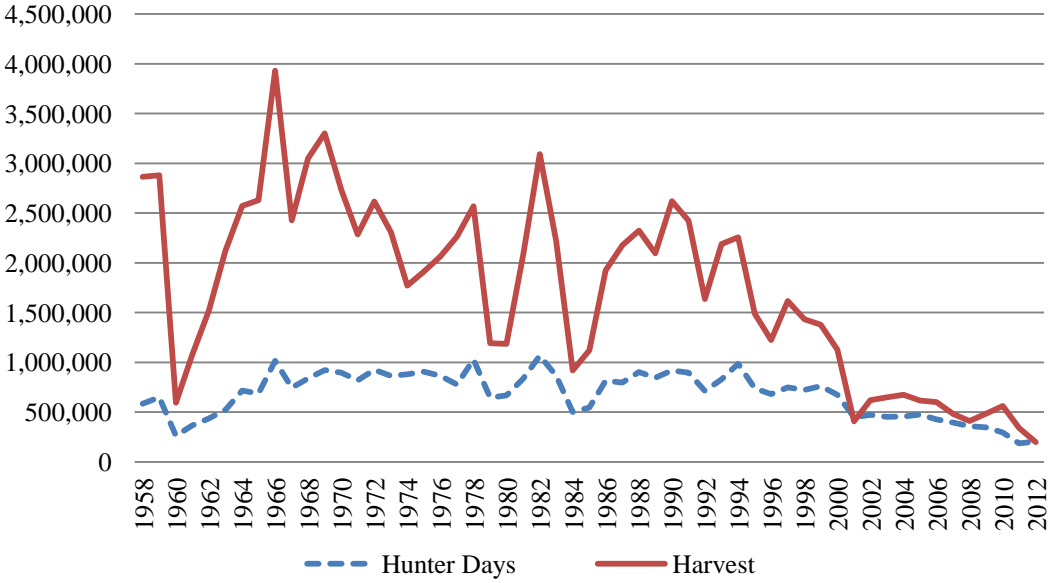


Table 3. Estimated annual **BOBWHITE** hunting activity in Kansas.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
1957	46	87,100	318,000	1,132,000	3.65	13.00	3.56
1958	61	139,800	583,000	2,863,000	4.17	20.48	4.91
1959	62	141,800	647,000	2,879,000	4.56	20.30	4.45
1960	43	96,500	261,000	594,000	2.70	6.16	2.28
1961	48	^a 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	^b 3.26
1968	77	151,800	838,000	3,050,000	5.52	20.09	3.50
1969	77	159,600	921,000	3,301,000	5.77	20.68	3.59
1970	76	160,200	897,000	2,733,000	5.60	17.06	3.04
1971	75	155,300	818,000	2,284,000	5.27	14.71	2.56
1972	75	158,200	924,000	2,618,000	5.84	16.55	2.73
1973	71	152,700	864,000	2,307,000	5.66	15.11	2.70
1974	72	152,000	879,000	1,772,000	5.78	11.66	2.06
1975	74	148,200	906,000	1,912,000	6.11	12.90	2.27
1976	73	148,700	864,000	2,068,000	5.81	13.91	2.43
1977	74	152,300	778,000	2,263,000	5.11	14.86	2.72
1978	75	161,000	1,027,000	2,569,000	6.38	15.96	2.70
^c 1979	55	125,600	646,000	1,193,000	5.14	9.50	1.90
1980	55	126,800	668,000	1,186,000	5.27	9.35	1.84
1981	61	142,900	836,000	2,076,000	5.85	14.53	2.40
1982	67	166,600	1,068,000	3,094,000	6.41	18.57	2.88
1983	64	153,100	867,000	2,223,000	5.66	14.53	2.50
1984	52	99,000	500,000	920,000	5.04	9.29	1.90
1985	53	97,400	546,000	1,121,000	5.60	11.50	1.91
1986	63	122,200	815,000	1,925,000	6.67	15.75	2.31
1987	66	128,200	796,000	2,177,000	6.21	16.98	2.68
1988	68	132,700	901,000	2,324,000	6.79	17.52	2.51
1989	68	121,100	845,000	2,096,000	6.98	17.32	2.44
1990	73	130,500	920,000	2,620,000	7.05	20.07	2.82
1991	73	134,200	897,000	2,423,000	6.69	18.05	2.54
1992	70	120,900	713,000	1,635,000	5.90	13.52	2.23
1993	72	126,400	828,000	2,190,000	6.55	17.33	2.51
1994	74	141,700	987,000	2,256,000	6.96	15.92	2.18
1995	70	125,400	738,000	1,487,000	5.88	11.86	1.97
1996	69	110,000	679,000	1,225,000	6.17	11.13	1.74
1997	70	116,400	748,000	1,615,000	6.43	13.87	2.12
1998	67	115,500	721,000	1,432,000	6.24	12.40	1.96
1999	65	117,600	760,000	1,378,000	6.46	11.72	1.83
2000	61	114,100	673,000	1,129,000	5.90	9.89	1.64
2001	55	91,300	448,000	408,000	4.91	4.47	0.92
2002	53	84,900	473,000	621,000	5.57	7.32	1.36
2003	54	91,000	452,000	647,000	4.97	7.11	1.46
2004	52	90,000	456,000	674,000	5.07	7.49	1.50
2005	52	90,900	475,000	616,000	5.23	6.78	1.39
^d 2006	50	80,900	428,000	600,000	5.29	7.41	1.39
2007	48	73,600	394,000	481,000	5.35	6.55	1.28
2008	51	69,800	358,000	410,000	4.98	5.66	1.16
2009	47	72,900	346,000	485,000	4.75	6.66	1.43
2010	51	77,407	295,405	561,430	5.22	7.25	1.48
2011	47	59,153	186,181	339,495	4.57	5.74	1.27
2012	43	44,885	204,308	199,661	4.55	4.45	1.03

^a Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

^b 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.

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

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

Kansas Pheasant Harvest, 1957 - 2012.

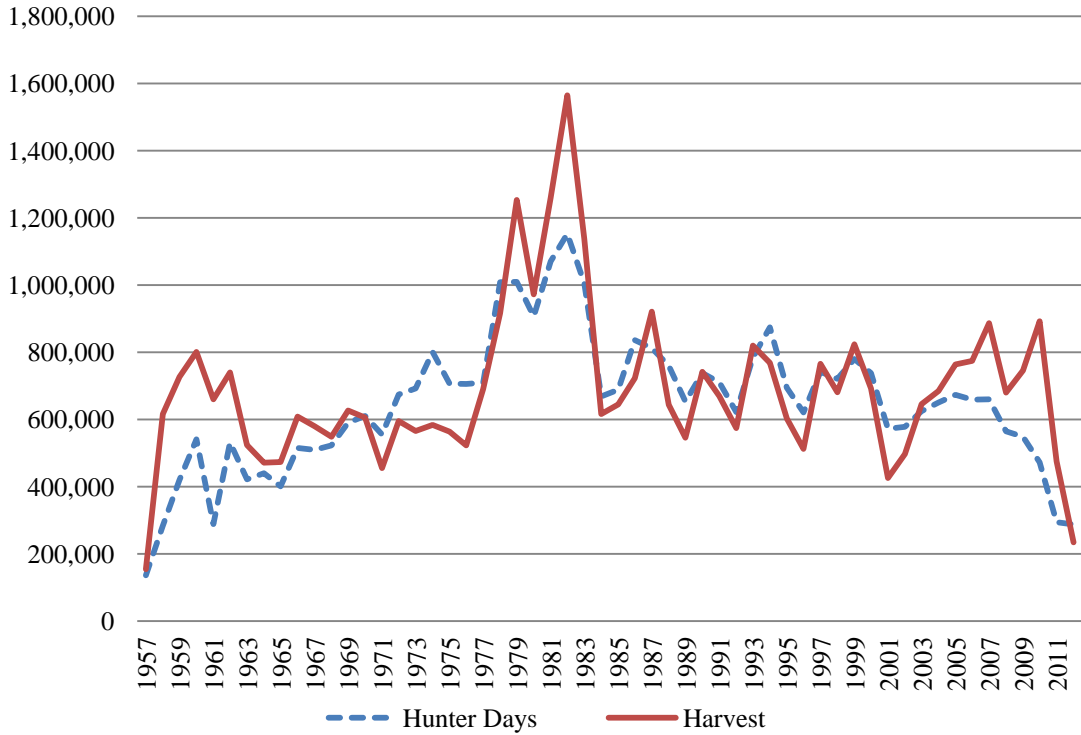


Table 4. Estimated annual PHEASANT hunting activity in Kansas.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. ^a Total Harvest	Season Days Per Hunter	Season ^a Bag Per Hunter	Average ^a Bag Per Day
1957	40	75,700	136,000	154,000	1.80	2.03	1.13
1958	57	130,500	284,000	616,000	2.18	4.72	2.16
1959	64	146,300	420,000	727,000	2.87	4.97	1.73
1960	75	168,600	541,000	801,000	3.21	4.75	1.48
1961	70	^b 144,000	288,000	660,000	2.00	4.59	2.29
1962	78	149,500	531,000	740,000	3.55	4.95	1.39
1963	72	130,600	422,000	524,000	3.23	4.01	1.24
1964	68	118,300	440,000	471,000	3.72	3.98	1.07
1965	69	122,000	401,000	473,000	3.29	3.88	1.18
1966	68	134,500	515,000	608,000	3.83	4.52	1.18
1967	68	139,000	509,000	580,000	3.66	4.17	^c 1.14
1968	69	136,100	523,000	548,000	3.84	4.03	0.84
1969	70	145,200	590,000	627,000	4.06	4.32	1.06
1970	71	150,700	610,000	606,000	4.05	4.02	0.99
1971	68	141,700	555,000	455,000	3.92	3.21	0.96
1972	67	142,800	674,000	595,000	4.72	4.17	1.03
1973	65	139,700	692,000	566,000	4.95	4.05	0.96
1974	71	150,200	801,000	584,000	5.33	3.89	0.85
1975	71	141,100	707,000	564,000	5.01	3.97	0.92
1976	72	145,200	706,000	523,000	4.86	3.60	0.90
1977	72	148,400	709,000	690,000	4.78	4.65	1.09
1978	78	168,000	1,008,000	916,000	6.00	5.46	1.11
^d 1979	78	177,900	1,009,000	1,253,000	5.67	7.05	1.41
1980	77	176,200	907,000	972,000	5.15	5.52	1.19
1981	78	183,200	1,070,000	1,260,000	5.84	6.88	1.36
1982	79	195,600	1,152,000	1,565,000	5.89	8.00	1.51
1983	76	183,600	1,006,000	1,138,000	5.48	6.20	1.28
1984	72	135,700	668,000	616,000	4.92	4.54	1.07
1985	74	136,600	688,000	645,000	5.03	4.72	1.02
1986	74	143,100	836,000	723,000	5.84	5.06	1.01
1987	76	149,600	812,000	921,000	5.43	6.16	1.21
1988	75	144,400	760,000	644,000	5.26	4.46	1.00
1989	70	124,900	653,000	546,000	5.23	4.37	0.96
1990	74	133,000	738,000	742,000	5.55	5.58	1.14
1991	75	138,400	710,000	669,000	5.13	4.83	1.08
1992	73	126,100	622,000	574,000	4.93	4.55	0.99
1993	77	134,400	785,000	820,000	5.84	6.10	1.18
1994	76	145,300	874,000	768,000	6.02	5.28	1.07
1995	74	133,500	694,000	603,000	5.20	4.52	0.96
1996	70	111,700	621,000	512,000	5.56	4.59	0.94
1997	75	124,800	742,000	766,000	5.94	6.13	1.15
1998	73	125,800	721,000	681,000	5.73	5.41	1.01
1999	74	133,700	780,000	824,000	5.83	6.16	1.18
2000	72	133,400	738,000	692,000	5.53	5.19	1.00
2001	70	116,600	572,000	426,000	4.91	3.66	0.82
2002	67	106,800	578,000	497,000	5.41	4.65	0.93
2003	70	117,000	625,000	646,000	5.34	5.52	1.13
2004	71	123,800	650,000	685,000	5.25	5.53	1.11
2005	71	124,700	673,000	764,000	5.40	6.12	1.20
^e 2006	75	120,900	659,000	774,000	5.44	6.39	1.26
2007	78	117,100	660,000	887,000	5.64	7.58	1.41
2008	80	108,100	565,000	680,000	5.08	6.05	1.23
2009	75	112,400	548,000	746,000	4.87	6.62	1.39
2010	82	123,764	472,494	892,672	5.22	7.21	1.46
2011	74	93,135	294,556	475,170	4.59	5.10	1.19
2012	64	67,273	287,540	233,981	4.27	3.48	0.91

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

^b Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

^c 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.

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

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

Kansas Greater Prairie Chicken Harvest, 1957-2012.

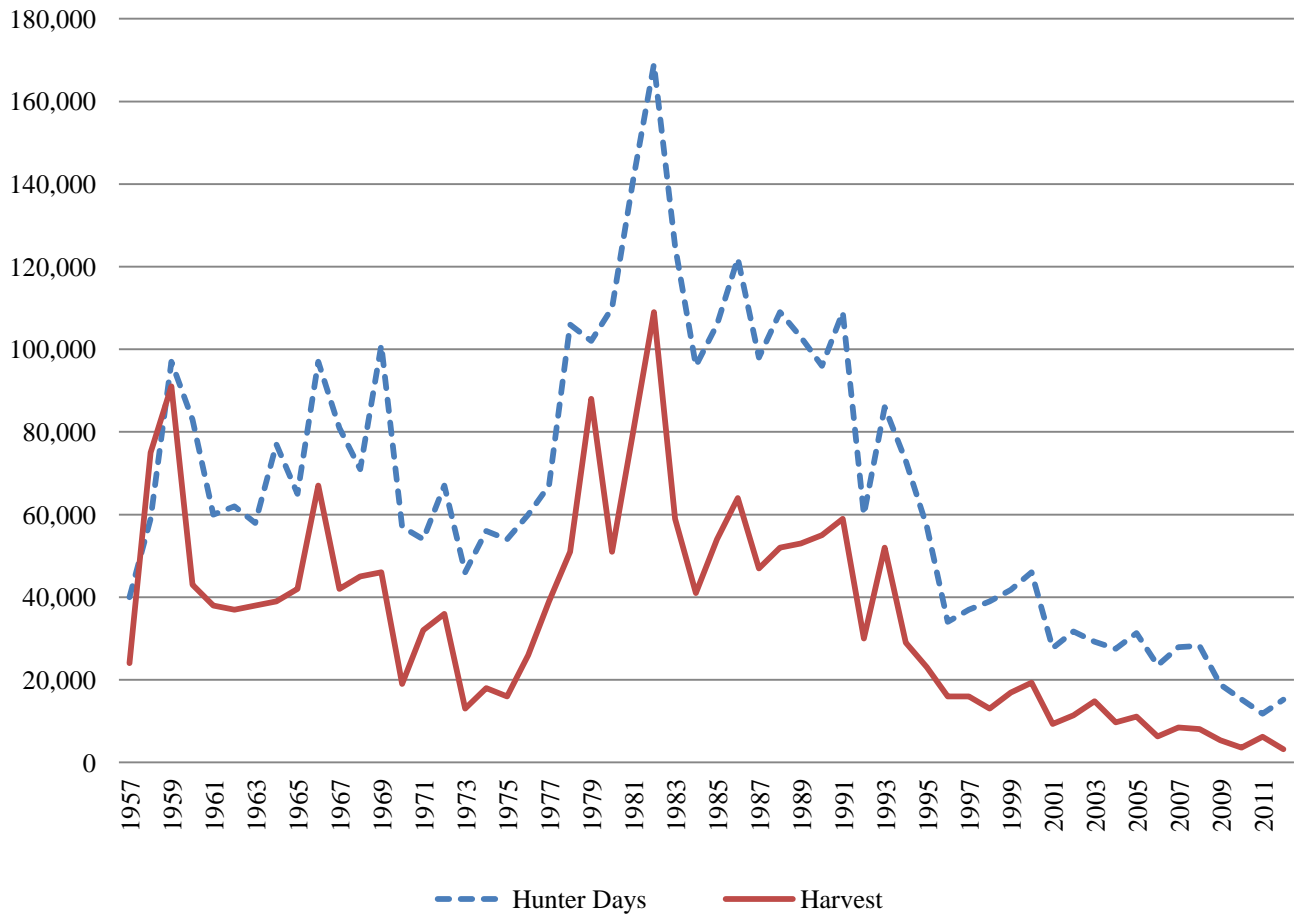


Table 5. Estimated annual **GREATER PRAIRIE CHICKEN** hunting activity in Kansas.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
1957	16	30,300	40,000	24,000	1.32	0.78	0.59
1958	23	51,900	59,000	75,000	1.13	1.45	1.28
1959	28	64,100	97,000	91,000	1.52	1.42	0.94
1960	26	57,500	83,000	43,000	1.45	0.74	0.51
1961	19	^a 40,000	60,000	38,000	1.50	0.96	0.64
1962	20	39,200	62,000	37,000	1.59	0.95	0.60
1963	21	37,100	58,000	38,000	1.57	1.02	0.65
1964	25	44,500	77,000	39,000	1.73	0.87	0.50
1965	23	41,500	65,000	42,000	1.56	1.01	0.65
1966	27	52,700	97,000	67,000	1.84	1.27	0.69
1967	22	45,100	81,000	42,000	1.79	0.94	0.53
1968	20	39,500	71,000	45,000	1.80	1.13	0.63
1969	23	48,600	101,000	46,000	2.08	0.95	0.46
1970	17	35,300	57,000	19,000	1.62	0.53	0.33
1971	16	32,700	54,000	32,000	1.65	0.98	0.60
1972	16	34,000	67,000	36,000	1.96	1.06	0.54
1973	9	18,700	46,000	13,000	2.45	0.71	0.29
1974	10	20,200	56,000	18,000	2.75	0.91	0.33
1975	9	17,100	54,000	16,000	3.16	0.92	0.29
1976	11	21,800	60,000	26,000	2.75	1.19	0.44
1977	11	22,800	67,000	39,000	2.92	1.71	0.59
1978	16	34,100	106,000	51,000	3.12	1.49	0.50
^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 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
^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 2012	3	4,155	15,179	3,195	3.47	1.01	0.29

^a Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

^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 1974-1978 mean.

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

^e Electronic licensing permitted random sampling of non-residents for the 1st time, improving estimate calculation.

^f 2012 the early season was extended to NW Kansas with limited LPCH available, though likely the harvest was largely GPCH

Kansas Lesser Prairie Chicken Harvest, 1975 - 2012.

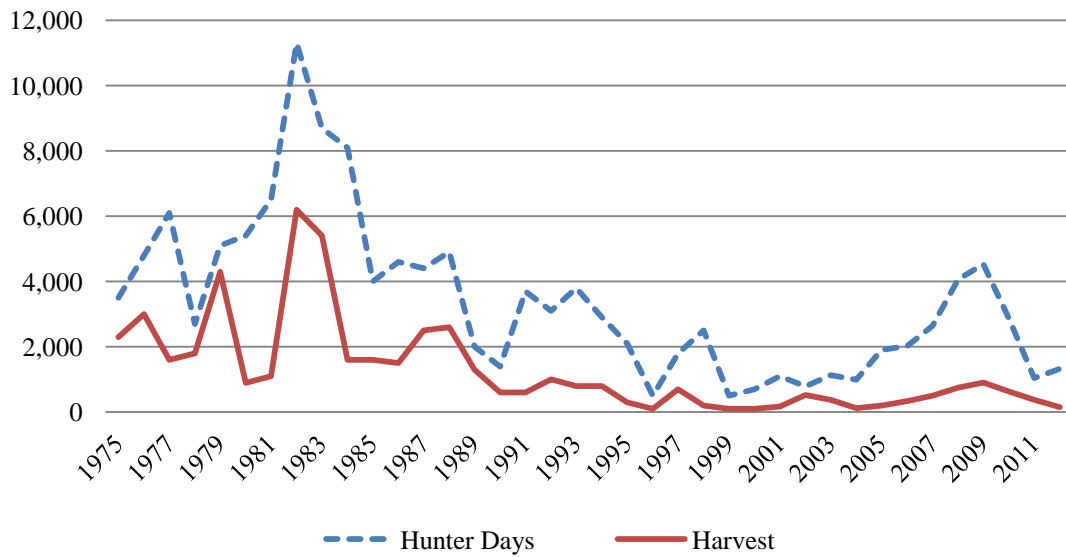


Table 6. Estimated annual LESSER PRAIRIE CHICKEN hunting activity in Kansas ^a.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
1975	1	1,400	3,500	2,300	2.48	1.67	0.67
1976	1	1,800	4,800	3,000	2.67	1.64	0.61
1977	1	1,900	6,100	1,600	3.19	0.89	0.28
1978	1	1,100	2,700	1,800	2.46	1.63	0.66
1979	1	1,700	5,100	4,300	3.00	2.55	^{b,c} 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
1993	1	1,200	3,800	800	3.07	0.64	0.14
1994	0	800	2,900	800	5.00	1.00	0.27
1995	0	500	2,100	300	3.83	0.50	0.06
1996	0	200	500	100	2.00	0.00	0.00
1997	0	600	1,800	700	2.80	1.10	0.42
1998	0	300	2,500	200	7.83	0.67	0.31
1999	0	200	500	100	2.25	0.50	0.38
2000	0	300	700	100	2.20	0.40	0.30
2001	0	330	1,100	170	3.55	0.55	0.18
2002	0	300	790	520	2.25	1.50	0.68
2003	0	530	1,130	380	2.14	0.71	0.33
2004	0	250	990	120	4.00	0.50	0.50
^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

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

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

^c 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.

^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 - 2012.

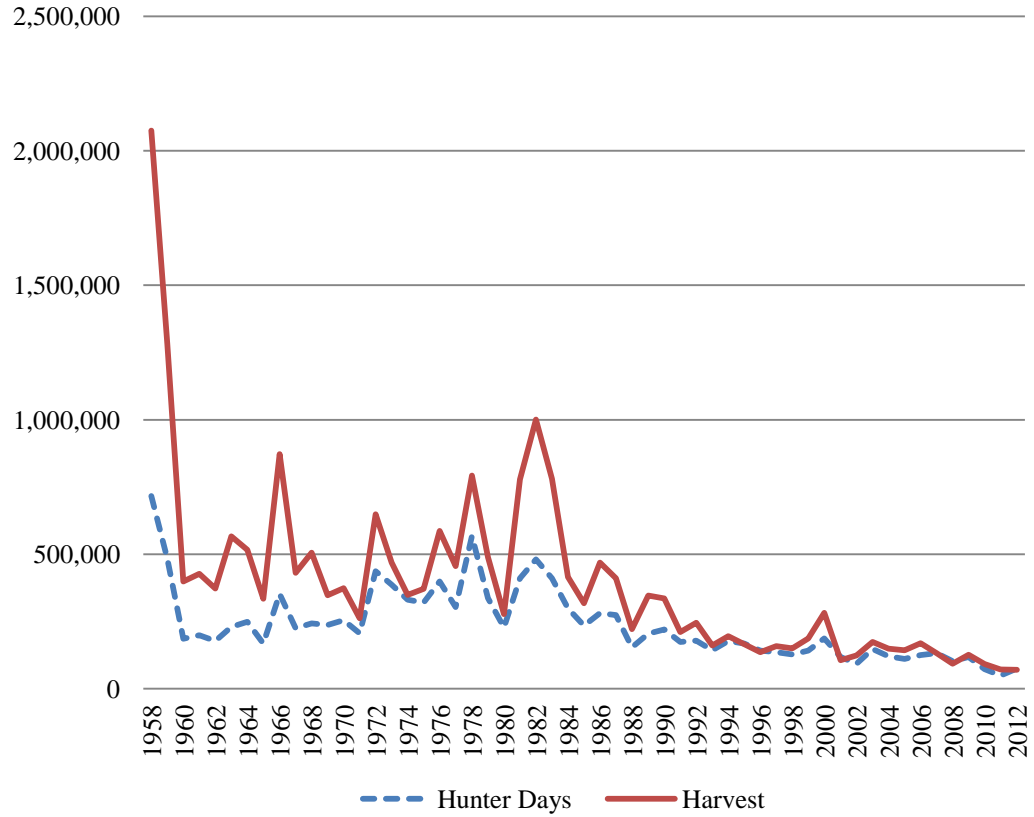


Table 7. Estimated annual **COTTONTAIL** hunting activity in Kansas.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
1958	56	129,200	716,000	2,075,000	5.54	16.06	2.90
1959	38	87,600	483,000	1,282,000	5.51	14.63	2.66
1960	19	41,800	185,000	398,000	4.43	9.53	2.15
1961	25	^a 51,800	198,000	427,000	3.83	8.24	2.15
1962	22	42,600	177,000	372,000	4.16	8.74	2.10
1963	34	60,500	230,000	566,000	3.80	9.35	2.46
1964	33	57,500	248,000	516,000	4.31	8.97	2.08
1965	24	41,700	168,000	334,000	4.04	8.00	1.98
1966	40	79,100	352,000	872,000	4.45	11.02	2.48
1967	28	57,700	225,000	430,000	3.90	7.45	^b 1.92
1968	33	64,700	243,000	506,000	3.76	7.82	2.08
1969	27	56,900	237,000	347,000	4.17	6.09	1.46
1970	29	60,300	254,000	374,000	4.21	6.21	1.48
1971	24	49,100	206,000	261,000	4.20	5.31	1.69
1972	41	86,700	436,000	648,000	5.03	7.47	1.93
1973	32	69,300	386,000	469,000	5.57	6.77	1.68
1974	32	67,100	331,000	348,000	4.94	5.36	1.45
1975	32	63,900	320,000	371,000	5.01	5.81	1.65
1976	38	76,500	399,000	587,000	5.21	7.67	1.89
1977	33	67,900	303,000	456,000	4.46	6.71	1.94
1978	41	87,400	568,000	792,000	6.50	9.07	2.21
^c 1979	35	79,700	336,000	489,000	4.22	6.13	1.96
1980	22	49,900	227,000	277,000	4.55	5.56	1.50
1981	36	84,100	410,000	778,000	4.88	9.26	2.26
1982	37	92,500	481,000	1,001,000	5.20	10.83	2.67
1983	32	77,500	410,000	781,000	5.29	10.09	2.32
1984	29	55,700	299,000	415,000	5.37	7.46	1.70
1985	24	45,000	234,000	317,000	5.20	7.04	1.71
1986	32	62,800	281,000	469,000	4.47	7.46	2.10
1987	28	55,600	274,000	410,000	4.92	7.38	2.01
1988	17	32,000	153,000	221,000	4.79	6.90	1.77
1989	24	41,900	204,000	346,000	4.86	8.25	1.87
1990	27	47,500	220,000	335,000	4.63	7.05	1.96
1991	18	33,100	174,000	211,000	5.26	6.36	1.73
1992	24	40,900	178,000	245,000	4.35	5.99	1.66
1993	17	29,500	142,000	160,000	4.81	5.42	1.53
1994	19	35,900	177,000	195,000	4.92	5.44	1.52
1995	19	34,000	168,000	165,000	4.95	4.85	1.25
1996	18	28,700	141,000	136,000	4.90	4.72	1.32
1997	16	27,200	136,000	158,000	5.01	5.82	1.58
1998	14	24,300	127,000	150,000	5.22	6.17	1.67
1999	15	27,800	141,000	187,000	5.07	6.75	1.61
2000	19	36,100	187,000	282,000	5.18	7.81	1.95
2001	13	21,200	118,000	106,000	5.56	4.98	1.21
2002	13	20,900	92,000	124,000	4.43	5.95	1.49
2003	15	25,200	147,000	174,000	5.83	6.90	1.55
2004	13	23,300	120,000	149,000	5.14	6.40	1.68
2005	12	21,700	111,000	142,000	5.13	6.56	1.57
^d 2006	13	21,400	125,000	169,000	5.85	7.87	1.56
2007	14	22,200	132,000	132,000	5.96	5.95	1.23
2008	13	17,300	102,000	92,000	5.72	5.11	1.10
2009	13	21,000	117,000	126,000	5.57	6.01	1.52
2010	12	18,432	72,014	91,287	5.34	4.95	1.29
2011	12	14,977	48,847	71,068	4.73	4.75	1.24
2012	14	14,608	74,786	70,240	5.12	4.81	1.10

^a Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

^b 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.

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

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

Kansas Squirrel Harvest, 1957 - 2012.

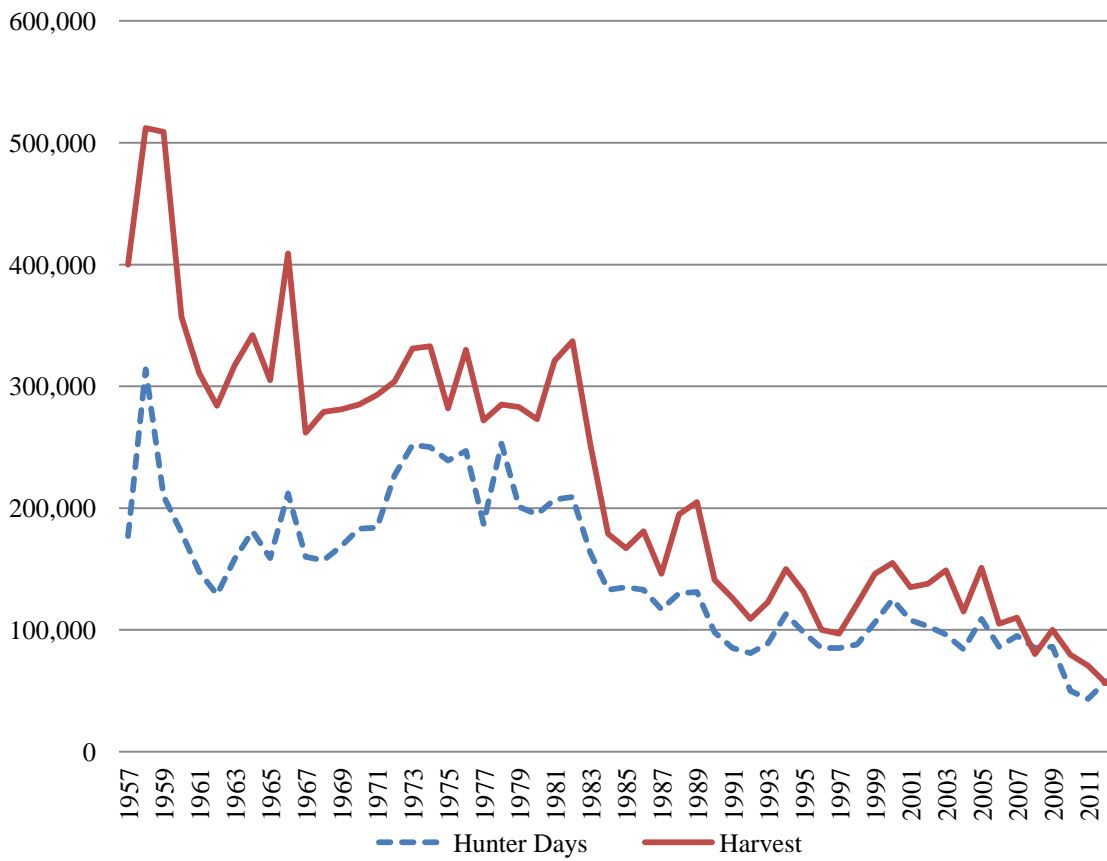


Table 8. Estimated annual **SQUIRREL** (Fox and Gray) hunting activity in Kansas.

Year	Percent Hunting Species	Est. Total Hunters	Est. Total Days	Est. Total Harvest	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
1957	21	39,800	177,000	400,000	4.44	10.06	2.27
1958	28	63,900	314,000	512,000	4.91	8.01	1.63
1959	22	49,500	210,000	509,000	4.24	10.29	2.43
1960	20	45,600	180,000	357,000	3.95	7.82	1.98
1961	19	^a 38,600	148,000	311,000	3.73	8.06	2.16
1962	18	34,500	129,000	284,000	3.74	8.23	2.20
1963	23	41,000	158,000	317,000	3.86	7.72	2.00
1964	25	44,100	181,000	342,000	4.10	7.75	1.89
1965	22	38,400	159,000	305,000	4.14	7.95	1.92
1966	23	46,400	212,000	409,000	4.57	8.82	1.93
1967	21	42,400	160,000	262,000	3.77	6.19	^b 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
^c 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
^d 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
^e 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

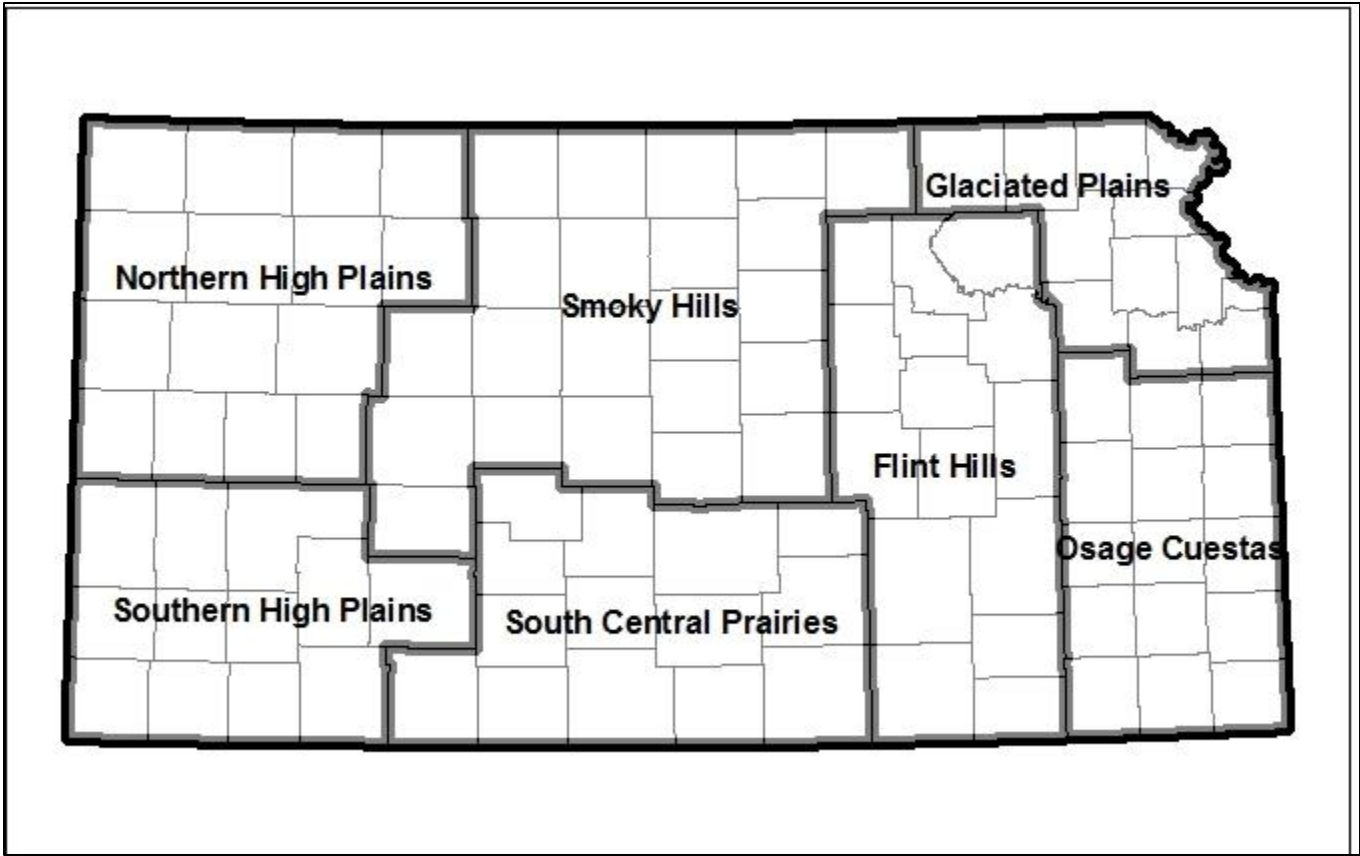
^a Hunter estimates prior to 1962 were not adjusted for inactive license buyers.

^b 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.

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

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

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



Kansas small game regions for all species

Small Game Hunter Activity Tables 2010-2011

Table 9. All hunter activity for Dove, 2012 - 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	1,710	36%	37,791	161,439	753,390	40,990	4.27	19.94	5.00
Northern High Plains	155	9%	3,426	13,948	77,018	15,266	4.07	22.48	5.59
Southern High Plains	122	7%	2,696	13,481	64,533	12,670	5.00	23.93	5.99
Smoky Hills	425	25%	9,393	38,013	216,871	20,662	4.05	23.09	5.99
South-Central Prairies	306	18%	6,763	28,001	131,209	15,656	4.14	19.40	5.09
Flint Hills	269	16%	5,945	26,852	113,573	17,017	4.52	19.10	4.35
Glaciated Plains	185	11%	4,089	18,843	57,328	10,322	4.61	14.02	3.43
Osage Cuestas	221	13%	4,884	19,448	79,583	12,228	3.98	16.29	4.06
County Unknown	27	2%	597	3,167	15,117	9,028	5.31	25.33	5.99
<u>Residents</u>									
State	1,536	44%	35,645	155,855	706,297	41,121	4.37	19.81	4.83
Northern High Plains	131	9%	3,040	12,773	70,580	15,393	4.20	23.22	5.45
Southern High Plains	108	7%	2,506	13,367	61,543	13,057	5.33	24.56	5.81
Smoky Hills	367	24%	8,517	34,531	191,938	20,086	4.05	22.54	5.74
South-Central Prairies	277	18%	6,428	27,198	123,410	15,642	4.23	19.20	4.93
Flint Hills	252	16%	5,848	27,082	115,659	17,475	4.63	19.78	4.45
Glaciated Plains	177	12%	4,107	19,184	57,482	10,589	4.67	13.99	3.42
Osage Cuestas	203	13%	4,711	19,308	74,515	12,524	4.10	15.82	3.72
County Unknown	21	1%	487	2,587	12,346	7,373	5.31	25.33	5.99
<u>Non-Residents</u>									
State	174	13%	3,478	11,664	73,168	10,899	3.35	21.04	6.59
Northern High Plains	24	14%	480	1,619	8,895	3,918	3.38	18.54	6.39
Southern High Plains	14	8%	280	680	5,357	2,169	2.43	19.14	7.36
Smoky Hills	58	33%	1,159	4,638	30,897	7,036	4.00	26.65	7.57
South-Central Prairies	29	17%	580	1,899	12,374	4,411	3.28	21.34	6.59
Flint Hills	17	10%	340	960	3,098	2,837	2.82	9.12	2.89
Glaciated Plains	8	5%	160	520	2,339	2,126	3.25	14.63	3.69
Osage Cuestas	18	10%	360	960	7,796	2,323	2.67	21.67	7.94
County Unknown	6	3%	120	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 % 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 Northern Bobwhite, 2012 - 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	2,031	43%	44,885	204,308	199,661	16,522	4.55	4.45	1.03
Northern High Plains	187	9%	4,133	17,349	11,359	2,737	4.20	2.75	0.75
Southern High Plains	105	5%	2,321	10,011	7,779	2,889	4.31	3.35	0.81
Smoky Hills	743	37%	16,420	70,528	62,893	7,190	4.30	3.83	0.97
South-Central Prairies	334	16%	7,381	33,150	34,653	6,830	4.49	4.69	1.02
Flint Hills	304	15%	6,718	32,750	37,362	5,864	4.87	5.56	1.33
Glaciated Plains	166	8%	3,669	17,260	17,061	3,899	4.70	4.65	1.11
Osage Cuestas	151	7%	3,337	18,211	24,708	9,728	5.46	7.40	1.23
County Unknown	41	2%	906	23,106	453	888	25.50	0.50	0.50
<u>Residents</u>									
State	1,469	42%	34,090	156,955	142,163	14,646	4.60	4.17	0.97
Northern High Plains	98	7%	2,274	10,466	7,612	2,332	4.60	3.35	0.83
Southern High Plains	71	5%	1,648	7,565	6,335	2,838	4.59	3.85	0.91
Smoky Hills	506	34%	11,742	49,174	42,815	6,180	4.19	3.65	0.94
South-Central Prairies	251	17%	5,825	25,828	22,417	5,343	4.43	3.85	0.83
Flint Hills	251	17%	5,825	28,425	26,538	4,279	4.88	4.56	1.19
Glaciated Plains	141	10%	3,272	15,455	13,344	3,336	4.72	4.08	1.02
Osage Cuestas	126	9%	2,924	16,407	20,862	9,810	5.61	7.13	1.08
County Unknown	25	2%	580	14,794	290	569	25.50	0.50	0.50
<u>Non-Residents</u>									
State	562	43%	11,234	49,575	58,253	7,980	4.41	5.19	1.19
Northern High Plains	89	16%	1,779	6,677	3,718	1,418	3.75	2.09	0.67
Southern High Plains	34	6%	680	2,539	1,579	903	3.74	2.32	0.60
Smoky Hills	237	42%	4,738	21,440	20,014	3,732	4.53	4.22	1.03
South-Central Prairies	83	15%	1,659	7,736	12,034	4,004	4.66	7.25	1.57
Flint Hills	53	9%	1,059	5,137	10,914	3,528	4.85	10.30	2.01
Glaciated Plains	25	4%	500	2,299	3,938	1,961	4.60	7.88	1.62
Osage Cuestas	25	4%	500	2,339	4,378	2,497	4.68	8.76	1.94
County Unknown	16	3%	320	NA	NA	NA	NA	NA	NA

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

^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, 2012 - 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	3,044	64%	67,273	287,540	233,981	13,309	4.27	3.48	0.91
Northern High Plains	750	25%	16,575	72,758	71,559	7,227	4.39	4.32	1.02
Southern High Plains	289	9%	6,387	27,395	27,128	4,635	4.29	4.25	1.14
Smoky Hills	1,183	39%	26,145	113,078	87,067	8,437	4.33	3.33	0.85
South-Central Prairies	443	15%	9,790	39,584	30,461	4,615	4.04	3.11	0.92
Flint Hills	213	7%	4,707	20,924	8,671	1,561	4.44	1.84	0.61
Glaciated Plains	118	4%	2,608	9,689	5,530	1,711	3.72	2.12	0.68
Osage Cuestas	19	1%	420	862	1,017	374	2.05	2.42	1.48
County Unknown	29	1%	641	3,508	2,462	1,670	5.47	3.84	0.91
<u>Residents</u>									
State	2,036	59%	47,248	210,931	158,701	12,140	4.46	3.36	0.85
Northern High Plains	414	20%	9,607	46,784	47,480	6,377	4.87	4.94	1.08
Southern High Plains	197	10%	4,572	21,756	18,943	4,357	4.76	4.14	1.02
Smoky Hills	800	39%	18,565	82,552	57,092	7,776	4.45	3.08	0.76
South-Central Prairies	330	16%	7,658	31,167	22,206	4,182	4.07	2.90	0.87
Flint Hills	169	8%	3,922	18,050	6,544	1,327	4.60	1.67	0.55
Glaciated Plains	94	5%	2,181	7,540	3,936	1,315	3.46	1.80	0.69
Osage Cuestas	14	1%	325	534	650	275	1.64	2.00	1.57
County Unknown	18	1%	418	2,763	1,767	1,498	6.62	4.23	0.85
<u>Non-Residents</u>									
State	1,008	78%	20,150	78,324	74,972	5,937	3.89	3.72	1.04
Northern High Plains	336	33%	6,717	25,475	23,780	3,453	3.79	3.54	0.95
Southern High Plains	92	9%	1,839	6,057	8,216	1,890	3.29	4.47	1.40
Smoky Hills	383	38%	7,656	31,151	29,612	3,614	4.07	3.87	1.05
South-Central Prairies	113	11%	2,259	8,954	8,445	2,096	3.96	3.74	1.10
Flint Hills	44	4%	880	3,375	2,209	814	3.84	2.51	0.86
Glaciated Plains	24	2%	480	2,259	1,599	1,026	4.71	3.33	0.62
Osage Cuestas	5	0%	100	320	360	228	3.20	3.60	1.24
County Unknown	11	1%	220	660	660	686	3.00	3.00	1.03

*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, 2012 – 2013 regular season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	143	3%	3,160	12,085	1,736	718	3.82	0.55	0.14
Northern High Plains	33	23%	729	3,072	464	367	4.21	0.64	0.14
Southern High Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Smoky Hills	66	46%	1,459	6,166	663	366	4.23	0.45	0.13
South-Central Prairies	2	1%	44	111	0	0	2.50	0.00	0.00
Flint Hills	34	24%	751	2,232	553	491	2.97	0.74	0.17
Glaciated Plains	4	3%	88	199	44	50	2.25	0.50	0.33
Osage Cuestas	3	2%	66	221	0	0	3.33	0.00	0.00
County Unknown	1	1%	22	NA	NA	NA	NA	NA	NA
<u>Residents</u>									
State	86	2%	1,996	7,055	1,416	567	3.53	0.71	0.21
Northern High Plains	15	17%	348	1,439	464	350	4.13	1.33	0.30
Southern High Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Smoky Hills	38	44%	882	3,342	557	341	3.79	0.63	0.17
South-Central Prairies	1	1%	23	46	0	NA	2.00	0.00	0.00
Flint Hills	26	30%	603	1,880	348	272	3.12	0.58	0.22
Glaciated Plains	4	5%	93	209	46	53	2.25	0.50	0.33
Osage Cuestas	2	2%	46	139	0	0	3.00	0.00	0.00
County Unknown	0	0	NA	NA	NA	NA	NA	NA	NA
<u>Non-Residents</u>									
State	57	4%	1,139	4,863	346	422	4.27	0.30	0.04
Northern High Plains	18	32%	360	1,539	20	39	4.28	0.06	0.01
Southern High Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Smoky Hills	28	49%	560	2,699	120	142	4.82	0.21	0.08
South-Central Prairies	1	2%	20	60	0		3.00	0.00	0.00
Flint Hills	8	14%	160	400	200	392	2.50	1.25	0.00
Glaciated Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Osage Cuestas	1	2%	20	80	0	NA	4.00	0.00	0.00
County Unknown	1	2%	20	NA	NA	NA	NA	NA	NA

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

^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, 2012 – 2013 early season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	45	1%	995	3,094	1,459	724	3.11	1.47	0.43
Northern High Plains ^c	1	2%	22	132	133	NA	6.00	6.00	1.00
Southern High Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Smoky Hills	22	49%	486	1,614	774	542	3.32	1.59	0.31
South-Central Prairies	1	2%	22	22	22	NA	1.00	1.00	1.00
Flint Hills	16	36%	354	1,083	464	428	3.06	1.31	0.56
Glaciated Plains	3	7%	66	154	0	0	2.33	0.00	0.00
Osage Cuestas	2	4%	44	88	66	130	2.00	1.50	0.75
County Unknown	NA	NA	NA	NA	NA	NA	NA	NA	NA
<u>Residents</u>									
State	38	1%	882	2,875	1,300	631	3.26	1.47	38
Northern High Plains ^c	1	3%	23	138	139	NA	6.00	6.00	1
Southern High Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Smoky Hills	20	53%	464	1,554	812	560	3.35	1.75	20
South-Central Prairies	1	3%	23	23	23	NA	1.00	1.00	1
Flint Hills	12	32%	278	926	255	142	3.33	0.92	12
Glaciated Plains	2	5%	46	138	0	0	3.00	0.00	2
Osage Cuestas	2	5%	46	92	70	136	2.00	1.50	2
County Unknown	NA	NA	NA	NA	NA	NA	NA	NA	NA
<u>Non-Residents</u>									
State	7	1%	140	321	200	392	2.29	1.43	7
Northern High Plains ^c	NA	NA	NA	NA	NA	NA	NA	NA	NA
Southern High Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Smoky Hills	2	29%	40	120	0	0	3.00	0.00	2
South-Central Prairies	NA	NA	NA	NA	NA	NA	NA	NA	NA
Flint Hills	4	57%	80	180	200	392	2.25	2.50	4
Glaciated Plains	1	14%	20	20	0	NA	1.00	0.00	1
Osage Cuestas	NA	NA	NA	NA	NA	NA	NA	NA	NA
County Unknown	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

^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, 2012 - 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	18	0.38%	398	1,326	155	112	3.33	0.39	0.31
<u>Residents</u>									
State	7	0.20%	162	580	70	64	3.57	0.43	0.36
<u>Non-Residents</u>									
State	11	0.85%	220	700	80	88	3.18	0.36	0.27

*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

^cDuring 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 (LEPC) range, however this table represents historic estimates of LEPC harvest in SW KS for comparison purposes.

Table 15. All hunter activity for Woodcock, 2012 - 2013.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI (+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	14	0.29%	309	707	486	358	2.29	1.57	0.75

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

^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 Cottontail, 2012 - 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	661	14%	14,608	74,786	70,240	10,585	5.12	4.81	1.10
Northern High Plains	69	10%	1,525	6,431	7,116	2,470	4.22	4.67	1.29
Southern High Plains	47	7%	1,039	9,857	13,142	7,411	9.49	12.65	1.18
Smoky Hills	138	21%	3,050	15,047	16,841	5,361	4.93	5.52	1.36
South-Central Prairies	74	11%	1,635	7,359	5,017	1,514	4.50	3.07	0.91
Flint Hills	108	16%	2,387	12,670	11,109	2,782	5.31	4.65	1.03
Glaciated Plains	93	14%	2,055	8,685	5,591	1,493	4.23	2.72	0.71
Osage Cuestas	125	19%	2,763	13,991	11,072	2,223	5.06	4.01	1.15
County Unknown	7	1%	155	670	258	364	4.33	1.67	0.33
<u>Residents</u>									
State	592	17%	13,738	72,265	65,788	10,653	5.26	4.79	1.07
Northern High Plains	54	9%	1,253	5,894	6,475	2,516	4.70	5.17	1.29
Southern High Plains	42	7%	975	9,955	13,598	7,715	10.21	13.95	1.27
Smoky Hills	111	19%	2,576	13,488	13,910	5,033	5.24	5.40	1.33
South-Central Prairies	65	11%	1,508	7,031	4,804	1,573	4.66	3.18	0.89
Flint Hills	103	17%	2,390	12,995	11,255	2,880	5.44	4.71	1.01
Glaciated Plains	90	15%	2,089	8,586	4,896	1,087	4.11	2.34	0.68
Osage Cuestas	122	21%	2,831	13,738	10,652	2,096	4.85	3.76	1.14
County Unknown	5	1%	116	522	232	455	4.50	2.00	0.35
<u>Non-Residents</u>									
State	69	5%	1,379	5,305	6,875	2,708	3.85	4.98	1.32
Northern High Plains	15	22%	300	740	860	476	2.47	2.87	1.30
Southern High Plains	5	7%	100	340	200	297	3.40	2.00	0.52
Smoky Hills	27	39%	540	1,972	3,259	2,212	3.65	6.04	1.48
South-Central Prairies	9	13%	180	600	400	184	3.33	2.22	1.00
Flint Hills	5	7%	100	200	325	314	2.00	3.25	1.58
Glaciated Plains	3	4%	60	460	840	705	7.67	14.00	1.77
Osage Cuestas	3	4%	60	1,079	1,139	235	18.00	19.00	2.05
County Unknown	2	3%	40	160	40	NA	4.00	1.00	0.30

*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 Jackrabbit, 2012 - 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	113	2%	2,497	17,994	18,843	7,416	7.21	7.55	1.13
Northern High Plains	25	22%	553	2,542	3,072	1,363	4.60	5.56	1.26
Southern High Plains	43	38%	950	9,254	12,900	6,821	9.74	13.58	1.53
Smoky Hills	24	21%	530	2,807	1,547	1,341	5.29	2.92	0.83
South-Central Prairies	7	6%	155	972	133	123	6.29	0.86	0.26
Flint Hills	5	4%	111	199	44	53	1.80	0.40	0.40
Glaciated Plains	2	2%	44	221	133	173	5.00	3.00	0.60
Osage Cuestas	3	3%	66	199	66	130	3.00	1.00	0.17
County Unknown	4	4%	88	1,856	1,348	2,044	21.00	15.25	1.68
<u>Residents</u>									
State	98	3%	2,274	16,599	19,391	7,726	7.30	8.53	1.22
Northern High Plains	21	21%	487	2,460	3,086	1,367	5.05	6.33	1.38
Southern High Plains	38	39%	882	9,367	13,479	7,102	10.62	15.29	1.65
Smoky Hills	22	22%	511	2,854	1,601	1,400	5.59	3.14	0.85
South-Central Prairies	7	7%	162	1,021	139	129	6.29	0.86	0.26
Flint Hills	5	5%	116	209	46	56	1.80	0.40	0.40
Glaciated Plains	1	1%	23	116	116	NA	5.00	5.00	1.00
Osage Cuestas	2	2%	46	70	0	0	1.50	0.00	0.00
County Unknown	2	2%	46	580	1,392	1,819	12.50	30.00	2.85
<u>Non-Residents</u>									
State	15	1%	300	1,979	400	212	6.60	1.33	0.55
Northern High Plains	4	27%	80	180	120	150	2.25	1.50	0.63
Southern High Plains	5	33%	100	320	160	133	3.20	1.60	0.62
Smoky Hills	2	13%	40	80	20	39	2.00	0.50	0.50
South-Central Prairies	NA	NA	NA	NA	NA	NA	NA	NA	NA
Flint Hills	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glaciated Plains	1	7%	20	100	20	NA	5.00	1.00	0.20
Osage Cuestas	1	7%	20	120	60	NA	6.00	3.00	0.50
County Unknown	2	13%	40	1,179	20	39	29.50	0.50	0.50

*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. All hunter activity for squirrel, 2012 – 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	515	11%	11,382	57,642	56,063	6,797	5.06	4.93	1.24
Northern High Plains	7	1%	155	575	575	598	3.71	3.71	1.10
Southern High Plains	7	1%	155	818	663	401	5.29	4.29	1.17
Smoky Hills	56	11%	1,238	5,171	3,779	1,188	4.18	3.05	1.05
South-Central Prairies	45	9%	995	5,105	3,602	1,655	5.13	3.62	1.05
Flint Hills	115	22%	2,542	12,752	11,779	3,741	5.02	4.63	1.09
Glaciated Plains	129	25%	2,851	15,871	15,040	2,825	5.57	5.28	1.41
Osage Cuestas	155	30%	3,426	17,260	20,531	4,328	5.04	5.99	1.34
County Unknown	1	0%	22	NA	NA	NA	NA	NA	NA
<u>Residents</u>									
State	483	14%	11,209	57,397	55,599	7,000	5.12	4.96	1.25
Northern High Plains	6	1%	139	580	511	637	4.17	3.67	0.62
Southern High Plains	5	1%	116	789	603	390	6.80	5.20	1.04
Smoky Hills	50	10%	1,160	4,688	3,365	1,097	4.04	2.90	1.08
South-Central Prairies	42	9%	975	5,152	3,713	1,725	5.29	3.81	1.09
Flint Hills	108	22%	2,506	12,995	11,673	3,907	5.19	4.66	1.05
Glaciated Plains	126	26%	2,924	16,294	15,351	2,940	5.57	5.25	1.42
Osage Cuestas	145	30%	3,365	16,801	20,282	4,415	4.99	6.03	1.37
County Unknown	1	0%	23	NA	NA	NA	NA	NA	NA
<u>Non-Residents</u>									
State	32	2%	640	2,699	2,819	1,222	4.22	4.41	1.15
Northern High Plains	1	3%	20	20	80	NA	1.00	4.00	4.00
Southern High Plains	2	6%	40	60	80	0	1.50	2.00	1.50
Smoky Hills	6	19%	120	640	520	538	5.33	4.33	0.82
South-Central Prairies	3	9%	60	180	60	0	3.00	1.00	0.50
Flint Hills	7	22%	140	340	600	387	2.43	4.29	1.61
Glaciated Plains	3	9%	60	320	380	409	5.33	6.33	0.90
Osage Cuestas	10	31%	200	1,139	1,099	976	5.70	5.50	0.93
County Unknown	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

^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 19. 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	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

^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 likely occurs at an unknown rate.

^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 20. Number and percent of non-resident respondents by state or country of residence 2012 - 2013.

State	Number	Percent	State	Number	Percent
Colorado	502	16.47	Virginia	30	0.98
Missouri	388	12.73	Kentucky	27	0.89
Texas	312	10.24	Alaska	26	0.85
Oklahoma	278	9.12	Arizona	24	0.79
Arkansas	215	7.05	Wyoming	19	0.62
Louisiana	106	3.48	New Jersey	18	0.59
Michigan	83	2.72	South Dakota	17	0.56
Nebraska	78	2.56	Utah	17	0.56
Minnesota	73	2.4	West Virginia	14	0.46
Pennsylvania	72	2.36	Nevada	13	0.43
Georgia	63	2.07	Montana	10	0.33
Wisconsin	63	2.07	Oregon	10	0.33
Florida	59	1.94	Maryland	8	0.26
Mississippi	57	1.87	Vermont	7	0.23
North Carolina	48	1.57	Washington	7	0.23
Illinois	47	1.54	Connecticut	6	0.2
Iowa	46	1.51	Idaho	6	0.2
Indiana	44	1.44	Maine	4	0.13
New York	43	1.41	Massachusetts	3	0.1
Tennessee	35	1.15	New Hampshire	3	0.1
South Carolina	34	1.12	North Dakota	2	0.07
New Mexico	33	1.08	Canada	1	0.03
Ohio	33	1.08	Delaware	1	0.03
California	31	1.02	Hawaii	1	0.03
Alabama	30	0.98	Rhode Island	0	0

Table 21. Regional breakdown of hunting activity as indicated by sample sizes for the 2012 - 2013 season. State values in () indicate percent of the total active respondents. Regional values in () indicate percent of the state total for the species.

Region	Doves	Bobwhite	Pheasant	^a Greater Prairie Chicken (Regular)	^a Lesser Prairie Chicken	Cottontail	Jackrabbit	Squirrel
<u>All Hunters (Resident and Non-Resident)</u>								
State	1710 (39)	2031 (47)	3044 (70)	143 (3)	18 (0)	661 (15)	113 (3)	515 (12)
Flint Hills	269 (16)	304 (15)	213 (7)	34 (24)	NA	108 (16)	5 (4)	115 (22)
Glaciated Plains	185 (11)	166 (8)	118 (4)	4 (3)	NA	93 (14)	2 (2)	129 (25)
Northern High Plains	155 (9)	187 (9)	750 (25)	33 (23)	NA	69 (10)	25 (22)	7 (1)
Osage Cuestas	221 (13)	151 (7)	19 (1)	3 (2)	NA	125 (19)	3 (3)	155 (30)
Smoky Hills	425 (25)	743 (37)	1183 (39)	66 (46)	6 (33)	138 (21)	24 (21)	56 (11)
South-Central Prairies	306 (18)	334 (16)	443 (15)	2 (1)	9 (50)	74 (11)	7 (6)	45 (9)
Southern High Plains	122 (7)	105 (5)	289 (9)	NA	3 (17)	47 (7)	43 (38)	7 (1)
Unknown County	27 (2)	41 (2)	29 (1)	1 (1)	NA	7 (1)	4 (4)	1 (0)
<u>Residents</u>								
State	1536 (49)	1469 (47)	2036 (65)	86 (3)	7 (0)	592 (19)	98 (3)	483 (15)
Flint Hills	252 (16)	251 (17)	169 (8)	26 (30)	NA	103 (17)	5 (5)	108 (22)
Glaciated Plains	177 (12)	141 (10)	94 (5)	4 (5)	NA	90 (15)	1 (1)	126 (26)
Northern High Plains	131 (9)	98 (7)	414 (20)	15 (17)	NA	54 (9)	21 (21)	6 (1)
Osage Cuestas	203 (13)	126 (9)	14 (1)	2 (2)	NA	122 (21)	2 (2)	145 (30)
Smoky Hills	367 (24)	506 (34)	800 (39)	38 (44)	3 (43)	111 (19)	22 (22)	50 (10)
South-Central Prairies	277 (18)	251 (17)	330 (16)	1 (1)	3 (43)	65 (11)	7 (7)	42 (9)
Southern High Plains	108 (7)	71 (5)	197 (10)	NA	1 (14)	42 (7)	38 (39)	5 (1)
Unknown County	21 (1)	25 (2)	18 (1)	NA	NA	5 (1)	2 (2)	1 (0)
<u>Non-Residents</u>								
State	174 (15)	562 (47)	1008 (85)	57 (5)	11 (1)	69 (6)	15 (1)	32 (3)
Flint Hills	17 (10)	53 (9)	44 (4)	8 (14)	NA	5 (7)	NA	7 (22)
Glaciated Plains	8 (5)	25 (4)	24 (2)	NA	NA	3 (4)	1 (7)	3 (9)
Northern High Plains	24 (14)	89 (16)	336 (33)	18 (32)	NA	15 (22)	4 (27)	1 (3)
Osage Cuestas	18 (10)	25 (4)	5 (0)	1 (2)	NA	3 (4)	1 (7)	10 (31)
Smoky Hills	58 (33)	237 (42)	383 (38)	28 (49)	3 (27)	27 (39)	2 (13)	6 (19)
South-Central Prairies	29 (17)	83 (15)	113 (11)	1 (2)	6 (55)	9 (13)	NA	3 (9)
Southern High Plains	14 (8)	34 (6)	92 (9)	NA	2 (18)	5 (7)	5 (33)	2 (6)
Unknown County	6 (3)	16 (3)	11 (1)	1 (2)	NA	2 (3)	2 (13)	NA

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

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

Prairie Dog Hunter Activity Tables

Table 22. All hunter activity for prairie dog, 2012 – 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	332	7%	7,337	30,520	174,266	23,697	4.16	23.75	8.58
Northern High Plains	143	43%	3,160	14,056	83,222	16,787	4.45	26.33	9.77
Southern High Plains	74	22%	1,635	6,962	42,284	11,952	4.26	25.86	9.14
Smoky Hills	69	21%	1,525	5,989	25,218	7,410	3.93	16.54	4.98
South-Central Prairies	38	11%	840	3,006	22,741	8,642	3.58	27.08	10.99
County Unknown	7	2%	155	442	1,171	997	2.86	7.57	2.93
<u>Residents</u>									
State	282	8%	6,544	28,892	161,967	22,801	4.41	24.75	8.80
Northern High Plains	123	44%	2,854	13,460	76,511	15,509	4.72	26.81	9.86
Southern High Plains	61	22%	1,416	6,312	36,976	11,819	4.46	26.12	8.95
Smoky Hills	59	21%	1,369	5,825	23,828	7,435	4.25	17.40	5.06
South-Central Prairies	33	12%	766	2,947	23,415	8,720	3.85	30.58	12.19
County Unknown	6	2%	139	348	1,230	980	2.50	8.83	3.42
<u>Non-Residents</u>									
State	50	4%	999	2,719	17,702	8,486	2.72	17.71	7.28
Northern High Plains	20	40%	400	1,119	9,219	7,743	2.80	23.06	9.15
Southern High Plains	13	26%	260	860	6,355	3,510	3.31	24.45	10.13
Smoky Hills	10	20%	200	400	2,319	2,020	2.00	11.60	4.52
South-Central Prairies	5	10%	100	180	400	297	1.80	4.00	3.06
County Unknown	1	2%	20	100	0	NA	5.00	0.00	0.00

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

^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

Coyote Hunter Activity Tables

Table 23. All hunter activity for Coyote, 2012 – 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	1,257	26%	27,780	235,143	96,953	11,834	8.46	3.49	0.49
Northern High Plains	137	11%	3,028	29,216	9,326	2,335	9.65	3.08	0.62
Southern High Plains	99	8%	2,188	16,907	10,387	5,144	7.73	4.75	0.67
Smoky Hills	267	21%	5,901	45,040	23,382	6,323	7.63	3.96	0.48
South-Central Prairies	150	12%	3,315	26,609	8,862	2,327	8.03	2.67	0.55
Flint Hills	250	20%	5,525	48,554	20,200	6,347	8.79	3.66	0.42
Glaciated Plains	153	12%	3,381	33,261	11,492	3,392	9.84	3.40	0.36
Osage Cuestas	189	15%	4,177	34,366	12,708	3,135	8.23	3.04	0.44
County Unknown	12	1%	265	663	431	564	2.50	1.63	1.43
<u>Residents</u>									
State	1,118	32%	25,944	230,871	95,122	12,235	8.90	3.67	0.48
Northern High Plains	115	10%	2,669	27,128	9,027	2,383	10.17	3.38	0.64
Southern High Plains	86	8%	1,996	16,801	10,443	5,369	8.42	5.23	0.63
Smoky Hills	227	20%	5,268	42,444	22,464	6,478	8.06	4.26	0.50
South-Central Prairies	130	12%	3,017	25,898	7,728	2,295	8.58	2.56	0.48
Flint Hills	227	20%	5,268	48,454	20,445	6,638	9.20	3.88	0.42
Glaciated Plains	148	13%	3,435	34,299	11,974	3,550	9.99	3.49	0.37
Osage Cuestas	176	16%	4,084	34,902	12,694	3,175	8.55	3.11	0.45
County Unknown	9	1%	209	487	139	136	2.33	0.67	0.40
<u>Non-Residents</u>									
State	139	11%	2,779	13,772	5,738	1,719	4.96	2.07	0.59
Northern High Plains	22	16%	440	3,058	660	396	6.95	1.50	0.51
Southern High Plains	13	9%	260	820	400	235	3.15	1.54	0.91
Smoky Hills	40	29%	800	4,178	1,799	1,189	5.23	2.25	0.37
South-Central Prairies	20	14%	400	1,759	1,359	729	4.40	3.40	0.98
Flint Hills	23	17%	460	2,179	660	282	4.74	1.43	0.45
Glaciated Plains	5	4%	100	540	80	96	5.40	0.80	0.12
Osage Cuestas	13	9%	260	1,019	560	769	3.92	2.15	0.34
County Unknown	3	2%	60	180	270	529	3.00	4.50	4.50

*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 24. All hunter activity for coyote hunters without a furharvester license, 2012 – 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	974	20%	21,526	150,502	53,847	7,398	6.99	2.50	0.46
Northern High Plains	110	11%	2,431	22,896	6,033	1,515	9.42	2.48	0.62
Southern High Plains	86	9%	1,901	11,337	4,995	1,476	5.97	2.63	0.58
Smoky Hills	199	20%	4,398	21,791	10,188	2,602	4.95	2.32	0.45
South-Central Prairies	117	12%	2,586	20,288	6,431	1,950	7.85	2.49	0.57
Flint Hills	191	20%	4,221	25,548	11,072	5,409	6.05	2.62	0.35
Glaciated Plains	122	13%	2,696	22,675	7,359	2,599	8.41	2.73	0.32
Osage Cuestas	138	14%	3,050	25,062	7,315	1,862	8.22	2.40	0.39
County Unknown	11	1%	243	608	395	517	2.50	1.63	1.43
<u>Residents</u>									
State	838	24%	19,447	144,315	50,687	7,574	7.42	2.61	0.44
Northern High Plains	88	11%	2,042	20,491	5,569	1,509	10.03	2.73	0.65
Southern High Plains	73	9%	1,694	10,953	4,780	1,517	6.47	2.82	0.52
Smoky Hills	160	19%	3,713	20,120	9,190	2,582	5.42	2.48	0.47
South-Central Prairies	97	12%	2,251	19,261	5,175	1,863	8.56	2.30	0.49
Flint Hills	170	20%	3,945	24,506	11,093	5,667	6.21	2.81	0.35
Glaciated Plains	117	14%	2,715	23,183	7,635	2,720	8.54	2.81	0.33
Osage Cuestas	125	15%	2,901	25,132	7,031	1,756	8.66	2.42	0.40
County Unknown	8	1%	186	433	124	121	2.33	0.67	0.40
<u>Non-Residents</u>									
State	136	10%	2,719	11,781	5,034	1,446	4.33	1.85	0.59
Northern High Plains	22	16%	440	3,058	660	396	6.95	1.50	0.51
Southern High Plains	13	10%	260	820	400	235	3.15	1.54	0.91
Smoky Hills	39	29%	780	2,379	1,299	760	3.05	1.67	0.37
South-Central Prairies	20	15%	400	1,759	1,359	729	4.40	3.40	0.98
Flint Hills	21	15%	420	1,999	460	179	4.76	1.10	0.39
Glaciated Plains	5	4%	100	540	80	96	5.40	0.80	0.12
Osage Cuestas	13	10%	260	1,019	560	769	3.92	2.15	0.34
County Unknown	3	2%	60	180	270	529	3.00	4.50	4.50

*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 25. All hunter activity for coyote hunters with a furharvester license, 2012 – 2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Residents)</u>									
State	280	8%	6,498	86,590	44,459	9,213	13.33	6.84	0.60
Northern High Plains	27	10%	627	6,637	3,458	1,779	10.59	5.52	0.62
Southern High Plains	13	5%	302	5,848	5,662	4,703	19.38	18.77	1.25
Smoky Hills	67	24%	1,555	22,324	13,274	5,660	14.36	8.54	0.59
South-Central Prairies	33	12%	766	6,637	2,553	1,338	8.67	3.33	0.45
Flint Hills	57	20%	1,323	23,949	9,352	3,245	18.11	7.07	0.62
Glaciated Plains	31	11%	719	11,116	4,340	2,194	15.45	6.03	0.52
Osage Cuestas	51	18%	1,184	9,770	5,662	2,584	8.25	4.78	0.57
County Unknown	1	0%	23	NA	NA	NA	NA	NA	NA

*Furharvester licenses are generally purchased by residents only

^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

Waterfowl Hunting Estimates

Table 26. All hunter activity for teal, 2012 special early season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	250	5%	5,525	17,923	43,954	5,526	3.24	7.96	2.27
Northern High Plains	4	2%	88	111	199	179	1.25	2.25	2.25
Southern High Plains	5	2%	111	287	619	538	2.60	5.60	1.90
Smoky Hills	54	22%	1,193	4,111	11,448	2,250	3.44	9.59	2.68
South-Central Prairies	56	22%	1,238	4,028	9,790	2,532	3.25	7.91	2.26
Flint Hills	36	14%	796	3,249	8,310	2,597	4.08	10.44	2.49
Glaciated Plains	36	14%	796	2,033	3,536	1,332	2.56	4.44	1.60
Osage Cuestas	55	22%	1,216	3,845	9,437	2,861	3.16	7.76	2.22
County Unknown	4	2%	88	177	354	NA	2.00	4.00	2.00
<u>Residents</u>									
State	235	7%	5,453	17,470	42,969	5,646	3.20	7.88	2.25
Northern High Plains	4	2%	93	116	209	188	1.25	2.25	2.25
Southern High Plains	5	2%	116	302	650	564	2.60	5.60	1.90
Smoky Hills	47	20%	1,091	3,736	10,257	2,231	3.43	9.40	2.61
South-Central Prairies	53	23%	1,230	3,855	9,468	2,494	3.13	7.70	2.29
Flint Hills	35	15%	812	3,388	8,702	2,692	4.17	10.71	2.53
Glaciated Plains	35	15%	812	1,996	3,527	1,389	2.46	4.34	1.61
Osage Cuestas	52	22%	1,207	3,806	9,515	2,978	3.15	7.88	2.19
County Unknown	4	2%	93	186	371	NA	2.00	4.00	2.00
<u>Non-Residents</u>									
State	15	1%	300	1,159	2,739	1,182	3.87	9.13	2.52
Northern High Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Southern High Plains	NA	NA	NA	NA	NA	NA	NA	NA	NA
Smoky Hills	7	47%	140	500	1,519	709	3.57	10.86	3.16
South-Central Prairies	3	20%	60	320	700	911	5.33	11.67	1.73
Flint Hills	1	7%	20	20	20	NA	1.00	1.00	1.00
Glaciated Plains	1	7%	20	120	160	NA	6.00	8.00	1.30
Osage Cuestas	3	20%	60	200	340	386	3.33	5.67	2.73
County Unknown	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

^a occurred % 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

Table 27. All hunter activity for ducks, 2012-2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	1,040	22%	22,984	189,375	387,324	37,373	8.24	16.85	1.88
Northern High Plains	24	2%	530	2,011	2,519	1,490	3.79	4.75	1.32
Southern High Plains	17	2%	376	1,613	2,122	988	4.29	5.65	1.33
Smoky Hills	172	17%	3,801	24,288	57,195	14,035	6.39	15.05	2.08
South-Central Prairies	178	17%	3,934	32,664	72,312	15,093	8.30	18.38	2.14
Flint Hills	214	21%	4,729	42,256	99,318	21,930	8.93	21.00	2.10
Glaciated Plains	155	15%	3,426	27,183	37,725	6,526	7.94	11.01	1.43
Osage Cuestas	267	26%	5,901	57,571	112,888	19,881	9.76	19.13	1.74
County Unknown	13	1%	287	862	690	491	3.00	2.40	1.26
<u>Residents</u>									
State	885	25%	20,537	176,744	360,294	37,325	8.61	17.54	1.85
Northern High Plains	16	2%	371	1,485	2,181	1,439	4.00	5.88	1.43
Southern High Plains	14	2%	325	1,532	1,949	999	4.71	6.00	1.24
Smoky Hills	129	15%	2,994	20,677	46,250	13,789	6.91	15.45	1.98
South-Central Prairies	156	18%	3,620	31,398	69,804	15,277	8.67	19.28	2.18
Flint Hills	192	22%	4,456	40,054	94,519	21,602	8.99	21.21	2.08
Glaciated Plains	141	16%	3,272	26,153	36,364	6,693	7.99	11.11	1.43
Osage Cuestas	225	25%	5,221	53,699	106,099	20,136	10.28	20.32	1.70
County Unknown	12	1%	278	835	668	476	3.00	2.40	1.26
<u>Non-Residents</u>									
State	155	12%	3,098	19,053	39,998	10,273	6.15	12.91	2.02
Northern High Plains	8	5%	160	540	400	488	3.38	2.50	1.09
Southern High Plains	3	2%	60	140	240	271	2.33	4.00	1.77
Smoky Hills	43	28%	860	4,158	11,894	4,535	4.84	13.84	2.41
South-Central Prairies	22	14%	440	2,499	5,277	3,500	5.68	12.00	1.93
Flint Hills	22	14%	440	3,718	8,416	7,019	8.45	19.14	2.23
Glaciated Plains	14	9%	280	2,059	2,799	1,307	7.36	10.00	1.49
Osage Cuestas	42	27%	840	5,817	10,715	4,477	6.93	12.76	1.95
County Unknown	1	1%	20	NA	NA	NA	NA	NA	NA

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

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^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 28. All hunter activity for all goose species, 2012-2013 season.

Region	Sample Size	% Active SG Hunter ^a	Est. Total Hunters	Est. Total Days	Est. Total Harvest	CI(+/-) ^b	Season Days Per Hunter	Season Bag Per Hunter	Avg. Bag Per Day
<u>All Hunters (Resident and Non-Resident)</u>									
State	859	18%	18,984	133,976	201,409	28,265	7.06	10.61	1.36
Northern High Plains	16	2%	354	2,497	3,138	4,297	7.06	8.88	0.64
Southern High Plains	14	2%	309	2,431	5,127	4,190	7.86	16.57	1.97
Smoky Hills	159	19%	3,514	19,117	35,935	11,406	5.44	10.23	1.47
South-Central Prairies	162	19%	3,580	31,117	49,018	17,339	8.69	13.69	1.47
Flint Hills	188	22%	4,155	28,332	45,372	13,056	6.82	10.92	1.48
Glaciated Plains	156	18%	3,448	26,145	26,145	5,818	7.58	7.58	1.00
Osage Cuestas	154	18%	3,403	22,432	33,791	10,764	6.59	9.93	1.33
County Unknown	10	1%	221	2,136	3,241	3,493	9.67	14.67	1.95
<u>Residents</u>									
State	760	22%	17,637	128,916	196,546	29,233	7.31	11.14	1.37
Northern High Plains	11	1%	255	2,158	3,295	4,437	8.45	12.91	0.94
Southern High Plains	13	2%	302	2,506	5,384	4,337	8.31	17.85	2.12
Smoky Hills	132	17%	3,063	17,289	33,811	11,723	5.64	11.04	1.50
South-Central Prairies	148	19%	3,435	30,679	47,480	17,945	8.93	13.82	1.42
Flint Hills	170	22%	3,945	27,847	45,043	13,610	7.06	11.42	1.46
Glaciated Plains	143	19%	3,318	26,177	25,689	5,952	7.89	7.74	1.00
Osage Cuestas	134	18%	3,110	20,305	32,906	11,110	6.53	10.58	1.43
County Unknown	9	1%	209	2,297	3,425	3,949	11.00	16.40	1.94
<u>Non-Residents</u>									
State	99	8%	1,979	10,155	12,913	4,184	5.13	6.53	1.25
Northern High Plains	5	5%	100	400	0	0	4.00	0.00	0.00
Southern High Plains	1	1%	20	40	0	NA	2.00	0.00	0.00
Smoky Hills	27	27%	540	2,399	3,378	1,982	4.44	6.26	1.35
South-Central Prairies	14	14%	280	1,719	3,438	2,756	6.14	12.29	1.95
Flint Hills	18	18%	360	1,639	2,239	1,217	4.56	6.22	1.71
Glaciated Plains	13	13%	260	1,099	1,519	1,208	4.23	5.85	1.07
Osage Cuestas	20	20%	400	2,799	2,219	1,653	7.00	5.55	0.68
County Unknown	1	1%	20	60	120	NA	3.00	6.00	2.00

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

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^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