

FALL PRAIRIE TURKEY

There were 5,876 licenses (5,470 resident, 406 nonresident) sold for the 2009 Fall Prairie Turkey season in South Dakota, for a total of 10,191 tags. All tags were valid for either a tom or a hen.

A random sample of 2,950 hunters was taken (50% of hunters), and 2,510 responded for an 85% response rate. Approximately 55% of responding hunters used the Internet response site.

The fall season ran from October 1 through January 31, a total of 123 days. Respondents reported hunting an average of 2.92 days, which projected to a total of 14,454 recreation days for the season.

Harvest projections indicated 2,335 toms were taken along with 2,002 hens for a total of 4,337 turkeys. The estimated success rate for the season was 43%. The mean satisfaction score reported by hunters was 5.22 (1 representing "very dissatisfied" and 7 representing "very satisfied").

The five West River Unit counties with the highest reported harvests were Mellette, Gregory, Tripp, Corson and Meade. Roberts and Grant counties had the highest reported harvests in the Northeast Unit.

Summary comparison of the 2000-2009 Fall Prairie Turkey seasons

Year	Licenses	Tags	HARVEST				Avg Days	Average
	Sold	Sold	Toms	Hens	Total	%Success	Hunted	Satisfactn
2000	3,674	6,184	1,953	1,113	3,066	50%	2.33	5.48
2001	3,524	5,761	1,604	1,512	3,116	54%	2.69	5.59
2002	3,649	5,520	1,545	1,116	2,661	48%	2.77	5.61
2003	3,572	5,458	1,555	1,339	2,894	53%	2.66	5.81
2004	3,734	5,394	1,568	1,150	2,718	50%	3.05	5.68
2005	4,105	6,196	1,788	1,384	3,172	51%	2.60	5.62
2006	5,055	6,949	1,645	1,442	3,087	44%	3.15	5.02
2007	5,614	8,764	2,315	1,879	4,194	48%	3.07	5.22
2008	5,996	9,593	2,606	1,949	4,556	47%	2.86	5.43
2009	5,876	10,191	2,335	2,002	4,337	43%	2.92	5.22

2009 Fall Prairie Turkey Harvest Projections

Unit	Hunters	Licenses										Harvest Projections			Avg Days Hunted	Mean Satisfctn Score	
		Resident					Nonresident					Unit/ Subunit Success	Toms	Hens			Total Harvest
		Appl. 1st Choice *	Avail.	Sold	Tags Sold	Response Rate	Appl. 1st Choice *	Avail.	Sold	Tags Sold	Response Rate						
Bon Homme	152	83	200	199	N/A	0	2	201	82%	#	50%	68	32	101	3.5	5.1	
Brookings	78	19	100	100	N/A	0	0	100	88%		24%	11	13	24	4.7	4.0	
Brule	68	33	75	75	N/A	0	0	75	85%		28%	14	7	21	2.4	5.0	
Charles Mix/Douglas	347	135	500	416	N/A	0	8	424	80%	#	34%	79	63	142	2.6	5.2	
Clay	51	48	50	51	N/A	0	0	51	82%	#	26%	10	4	13	2.6	5.1	
Davison/Hanson	40	46	40	40	N/A	0	0	40	85%		32%	8	5	13	2.4	5.5	
Hughes	21	8	60	26	N/A	0	0	26	95%		44%	6	5	12	1.1	5.6	
Hutchinson	39	26	40	40	N/A	0	0	40	79%	#	22%	6	3	9	1.9	4.7	
Lincoln	98	60	100	100	N/A	0	0	100	90%		16%	10	5	16	2.8	4.7	
Minnehaha	71	53	70	71	N/A	0	0	71	96%		24%	13	4	17	4.4	5.0	
Stanley	22	13	20	21	0	2	1	22	100%		32%	4	3	7	1.7	4.9	
Turner	54	18	60	60	N/A	0	0	60	81%	#	29%	10	7	17	2.8	4.1	
Union	61	60	60	61	N/A	0	0	61	89%		37%	17	6	23	4.5	4.8	
Yankton	132	112	130	132	N/A	0	0	132	89%		54%	52	19	71	3.4	5.2	
Northeast Unit	1,034	300	2,500	1,228	N/A	0	29	2,356	84%	#	36%	529	313	842	3.7	5.0	
West River Unit	2,682	1,010	Unitd	2,850	146	Unitd	366	6,432	85%	#	47%	1,497	1,514	3,010	2.5	5.4	
Totals	4,950	2,024	4,005	5,470	146	2	406	10,191	85.1%		42.6%	2,335	2,002	4,337	2.92	5.22	

The response rate for all units combined was:

85%

* Number of 1st drawing applicants with that season as 1st choice.

Harvest projections were developed for units where response rate was less than 85% and may not be within +/- 15% of the sample statistic.

2009 Fall WR Unit Turkey Harvest Distribution

Last Revised:

05-May-10

County	Reported Harvest			Projected Harvest			%
	Toms	Hens	Total	Toms	Hens	Total	
Pennington	26	21	47	58	48	106	3.5%
Lawrence	11	7	18	24	16	40	1.3%
Bennett	36	35	71	80	80	160	5.3%
Butte	24	17	41	53	39	92	3.1%
Corson	36	55	91	80	125	205	6.8%
Custer	14	21	35	31	48	79	2.6%
Dewey	26	45	71	58	102	160	5.3%
Fall River	34	26	60	76	59	135	4.5%
Gregory	86	109	195	191	248	439	14.6%
Haakon	16	30	46	36	68	104	3.4%
Harding	31	21	52	69	48	117	3.9%
Jackson	30	33	63	67	75	142	4.7%
Jones	8	4	12	18	9	27	0.9%
Lyman	49	27	76	109	61	170	5.7%
Meade	47	36	83	105	82	186	6.2%
Mellette	117	99	216	260	225	485	16.1%
Perkins	9	9	18	20	20	40	1.3%
Tripp	49	49	98	109	111	220	7.3%
Ziebach	17	10	27	38	23	61	2.0%
Shannon	0	0	0	0	0	0	0.0%
Todd	7	12	19	16	27	43	1.4%
Unknown	34	49	83				
TOTALS	707	715	1,422	1,497	1,514	3,010	

Any by county projected harvest values will differ from by unit projected harvest values due to incorrect sampling proportions within counties.

Use these figures for approximations only!

2009 Harvest Distribution for the Northeast Prairie Unit (NE1)

County	Reported Harvest		Projected Harvest		% of Total Toms	% of Total Hens
	Toms	Hens	Toms	Hens		
Codington	23	10	59	25	11.1%	8.1%
Day	12	5	31	13	5.8%	4.0%
Grant	57	38	146	96	27.5%	30.6%
Marshall	39	23	100	58	18.8%	18.5%
Roberts	76	48	194	121	36.7%	38.7%
Total	207	124	529	313	100.0%	100.0%

Fall Prairie Turkey 1985-2009

