

# UTAH UPLAND GAME ANNUAL REPORT 2014-15



Publication No. 15-24



# Utah Upland Game Annual Report 2014–15

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Annual Performance Report for Federal Aid Project W-65-M-62 & 63

State of Utah  
Department of Natural Resources  
DIVISION OF WILDLIFE RESOURCES

**Gregory Sheehan**  
Director

“Finding out how many there are left is the least of the purposes of game census.

Measuring the response of game populations to changes – deliberate or accidental – in their environment is the big purpose.

Continuous census is the yardstick of success or failure in conservation.”

*Aldo Leopold, 1932*

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## DEFINITIONS

**General upland game:** Upland game species that can be hunted with a basic hunting or combination license and do not require any additional, species-specific permit. Upland game species in this category include American crow, chukar partridge, cottontail rabbit (desert and mountain), doves (mourning and white-winged), forest grouse (dusky and ruffed), gray (Hungarian) partridge, quail (Gambel's and California), ring-necked pheasant, and snowshoe hare.

**Special permit upland game:** Upland game species for which an additional, species-specific hunting permit is required, in addition to a basic hunting or combination license. Species in this category include band-tailed pigeon, greater sage-grouse, sandhill crane, sharp-tailed grouse, white-tailed ptarmigan, and wild turkey.

**Year:** This annual report covers the state fiscal year period July 1, 2014 through June 30, 2015 (hereafter referred to as 2014–15). All upland game surveys, inventories, and hunting seasons within this time frame are presented here. This report presents all data from the hunting seasons that were outlined in the 2014–15 Upland Game and Turkey Guidebook. Year designations in specific tables refer to the actual time frame of that survey / hunting season. For example, hunting seasons that occurred in the fall or the spring will have single year designations (e.g., 2014 or 2015, respectively), while fall/winter seasons will have an overlapping year designation (e.g., 2014–15).

## SAGE-GROUSE AND SHARP-TAILED GROUSE DEFINITIONS

**Lek:** Sage-grouse or sharp-tailed grouse strutting ground.

**Strutting grounds visited:** Total number of known sage-grouse or sharp-tailed grouse strutting grounds (leks) that were visited during spring counts, regardless of whether or not birds were actually present.

**Strutting grounds occupied:** Number of sage-grouse or sharp-tailed grouse strutting grounds (leks) that were active, i.e., grounds where male birds were present during spring counts.

**Average males / occupied ground:** Average number of male sage-grouse or sharp-tailed grouse that were counted at occupied or “active” grounds.

## INTRODUCTION

The objective of Utah's upland game management program is to provide recreational hunting opportunity for sportsmen within the limits of the annual harvestable surplus for each species. It is based on the knowledge that populations of upland game experience relatively high rates of annual turnover. High reproductive rates are naturally compensated for by high rates of mortality, whether hunting is allowed or not. Annual surveys are conducted to measure the production, trend, and harvest of each upland game population.

This is the 41<sup>st</sup> Annual Upland Game Report. It is an annual performance report of information compiled during inventory and harvest surveys conducted under Federal Aid Project W-65-M, segments 62& 63. Information contained herein was collected and compiled by biologists, conservation officers, wildlife managers, and upland game management staff of the Utah Division of Wildlife Resources. This report covers the 2014–15 upland game hunting seasons, 2014 fall turkey season, 2015 spring turkey seasons, as well as inventory and trend surveys that took place from July 2014 through June 2015.

This report serves as a handbook of inventory and harvest data. It is designed primarily for the use of those concerned with the management of upland game. A separate section is devoted to each species of upland game in Utah. Data are presented primarily in tabular form with limited figures.

The upland game harvest survey is designed to monitor statewide harvest trends from year to year. The more extensively a species is hunted, the more accurately the survey measures the trend data. To improve the accuracy of the indices for species that receive very little hunting pressure, have low densities, and/or a limited distribution, a unique survey is used. Each species of that type must be hunted using a special permit so that hunter information can be obtained for survey purposes. Species falling into this category include band-tailed pigeon, greater sage-grouse, sandhill crane, sharp-tailed grouse, white-tailed ptarmigan, and wild turkey.

The annual harvest report is sometimes criticized for being inaccurate and without value. However, report users must recognize that the accuracy of the survey is based on 4 basic assumptions: (1) the survey sample is completely random; (2) respondents clearly understood the question; (3) respondents recorded or remembered data accurately, and did not guess or lie; and (4) respondents correctly identified the species hunted. If those assumptions are not met, projections or harvest by county may be over-estimated due to non-response or memory biases. Extreme caution should be used in the interpretation of estimated harvest and hunters for specific species in specific counties. Rather, the long-term trend in these indices should be used in managing the populations. Presently, the Upland Game Annual Report contains the best data available and therefore constitutes the basic facts of upland game management. Although this report has its limitations, the trend data is valuable in making professional judgments regarding upland game populations and harvest.

The annual report is used in wildlife planning. It can be used to establish relative importance among species and for developing new resources through transplants or habitat developments. It points out areas of needed research by indicating problems and possible causes. It documents

population trends and it combines all this inventory information into one easily accessible publication. Thus it is used extensively by federal land management agencies in environmental impact statements and management plans. It will become increasingly more important in developing management plans and assessing impacts on wildlife habitat.

## **METHODS**

General upland game harvest statistics were obtained from a random sample of licensed hunters using an Internet-based survey, followed by a telephone survey for non-response bias. The sample was stratified by license type and then the data were projected by the total number of license holders in each stratum. Hunters with permits for band-tailed pigeon, greater sage-grouse, sandhill crane, sharp-tailed grouse, white-tailed ptarmigan, and wild turkey were surveyed through a separate mixed-mode web/telephone survey.

In Utah, hunters were required to purchase either a combination license or a basic hunting license before purchasing a species-specific hunting permit or before applying in any drawings. Therefore, only a fraction of hunters who purchased a license actually hunted upland game, and a much larger sample of license holders was required for the upland game harvest survey.

### **Changes and Corrections**

In 2014-15, Utah offered its first American crow and fall wild turkey hunting seasons and statistics about these hunts were included in this annual upland game report.

The mourning dove call-counts were discontinued in 2014. Tables with these data will no longer be included in this report.

In 2015, corrections were made to greater sage-grouse lek count data from a few areas going back in time.

## **RESULTS**

The percent of Utah residents who had any type of resident license valid for the 2014-15 upland game hunting season was 6.8% (U.S. Census Bureau's 2014 Utah population estimate: 2,942,902). 230,826 resident and nonresident hunting and combination licenses were valid for the 2014-15 Utah upland game hunting seasons. 69,447 people were randomly selected for participation in the general upland game harvest survey, representing a 30.1% sample. These hunters were sent an email inviting them to participate in the Internet-based harvest survey. Of those hunters contacted, 11,029 (15.9%) submitted an online harvest survey. A random sample of 5,330 hunters who did not respond to the Internet-based survey were contacted by telephone for the non-response bias correction survey. Survey information for turkey and other upland game species are presented in the table on the following page.

A total of 32,096 hunters went afield in 2014–15 in pursuit of various general upland game species. 10,232 hunters hunted wild turkey in 2015. Detailed information describing the upland game harvest can be found in the following tables. 2014–15 license and permit fees and number

of licenses and permits sold by type are shown in Appendix C. Regulations for the 2014–15 upland game and 2015 wild turkey hunting seasons are shown in Appendix D.

Upland game survey methods and response rates, 2014–15.

Species	Survey method	Licenses / permits sold	Sample size
Band-tailed pigeon	Web/phone	196	97
General upland game	Web/phone	230826	16359
Greater sage-grouse	Web/phone	1199	607
Sandhill crane	Web/phone	101	68
Sharp-tailed grouse	Web/phone	190	129
White-tailed ptarmigan	Web/phone	251	138
Wild turkey (fall 2014)	Web/phone	314	190
Wild turkey (spring 2015)	Web/phone	12031	3093



Summary of upland game harvest statistics, Utah 2014–15.

Species	Hunters afield	Total harvest	Hunter-days afield	Bag per hunter-day	Bag per hunter per season
American crow	581	4368	3265	1.3	7.5
Band-tailed pigeon	44	24	89	0.3	0.5
Chukar partridge	5678	23028	24447	0.9	4.1
Cottontail rabbit	6678	35120	32753	1.1	5.3
Dove	8113	58962	35477	1.7	7.3
Mourning	—	53521	—	—	—
White-winged	—	3489	—	—	—
Unknown	—	1952	—	—	—
Forest grouse	8977	31688	41716	0.8	3.5
Dusky	—	13367	—	—	—
Ruffed	—	17304	—	—	—
Unknown	—	1017	—	—	—
Gray (Hungarian) partridge	765	904	2526	0.4	1.2
Greater sage-grouse	852	713	1657	0.4	0.8
Quail	1478	5542	7197	0.8	3.7
California	—	3822	—	—	—
Gambel's	—	1426	—	—	—
Unknown	—	294	—	—	—
Ring-necked pheasant	17074	41619	71345	0.6	2.4
Sandhill crane	88	72	141	0.5	0.8
Sharp-tailed grouse	109	95	185	0.5	0.9
Snowshoe hare	345	533	1333	0.4	1.5
White-tailed ptarmigan	76	71	189	0.4	0.9
Wild turkey (fall 2014)	281	208	1214	0.2	0.7
Wild turkey (spring 2015)	10232	3493	—	—	0.3

Number of general upland game hunters afield by species or species group, Utah 2005–2015.

Species	Year									
	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
American crow	—	—	—	—	—	—	—	—	—	581
Chukar partridge	11565	6245	4971	6627	6562	6272	5572	5448	5527	5678
Cottontail rabbit	12575	7401	6794	8543	6517	7684	6189	6618	6519	6678
Dove	15849	10904	10017	13430	11023	11372	8891	9784	9367	8113
Forest grouse	13371	11532	8193	12189	10791	10724	7941	9915	8888	8977
Gray (Hungarian) partridge	4345	2148	1099	1475	1817	1006	918	1119	574	765
Quail	3519	2809	2073	2468	2276	1600	1550	1707	1483	1478
Ring-necked pheasant	26864	16521	13764	16936	16798	18103	14188	14315	15838	17074
Snowshoe hare	612	496	550	619	766	631	634	645	568	345
Total hunters*	50821	40873	30525	37419	34271	35639	28617	29928	31330	32097

\*This is not the total of the columns because many upland game hunters hunted multiple species.

Number of special permit upland game hunters afield by species, Utah 2005–2015.

Species	Year									
	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
Band-tailed pigeon	52	71	69	63	78	51	90	70	54	44
Greater sage-grouse	1231	1070	1083	838	628	650	429	530	631	852
Sandhill crane	76	105	141	174	228	253	202	167	117	88
Sharp-tailed grouse	170	152	149	179	209	233	177	198	163	109
White-tailed ptarmigan	98	61	58	61	49	95	76	74	65	76
Wild turkey (fall)	—	—	—	—	—	—	—	—	—	281
Wild turkey (spring)	2429	2800	6831	11138	10941	8291	7055	8354	9395	10232

Percent of general upland game hunters afield who reported hunting each species or species group, Utah 2004–2014.

Species	Year									
	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	2012–13	2013–14	2014–15
American crow	—	—	—	—	—	—	—	—	—	1.8
Chukar partridge	22.8	15.3	16.3	17.7	19.2	17.6	19.5	19.0	17.6	17.7
Cottontail rabbit	24.7	18.1	22.3	22.8	19.0	21.6	21.6	23.1	20.8	20.8
Dove	31.2	26.7	32.8	35.9	32.2	31.9	31.1	34.2	29.9	25.3
Forest grouse	26.3	28.2	26.8	32.6	31.5	30.1	27.7	34.6	28.4	28.0
Gray (Hungarian) partridge	8.6	5.3	3.6	3.9	5.3	2.8	3.2	3.9	1.8	2.4
Quail	6.9	6.9	6.8	6.6	6.6	4.5	5.4	5.7	4.7	4.6
Ring-necked pheasant	52.9	40.4	45.1	45.3	49.0	50.8	49.6	50.0	50.6	53.2
Snowshoe hare	1.2	1.2	1.8	1.7	2.2	1.8	2.2	2.3	1.8	1.1

# AMERICAN CROW



American crow harvest statistics by region and county, Utah 2014.

Region and county	n	Hunters afield	Hunter-days afield	Crow bagged	Crow / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	10	68	265	375	1.4	8.1	8.6
Cache	10	68	208	348	1.7	6.4	8.0
Davis	8	55	454	1286	2.8	13.9	29.4
Morgan	0	0	—	—	—	0.0	0.0
Rich	0	0	—	—	—	0.0	0.0
Summit	0	0	—	—	—	0.0	0.0
Weber	8	55	274	188	0.7	8.4	4.3
Regional total	36	246	1201	2197	1.8	36.8	50.3
Central Region							
Juab	8	55	218	80	0.4	6.7	1.8
Salt Lake	1	7	9	40	4.4	0.3	0.9
Sanpete	2	14	19	13	0.7	0.6	0.3
Tooele	6	41	237	80	0.3	7.2	1.8
Utah	14	96	530	1139	2.1	16.2	26.1
Wasatch	2	14	57	13	0.2	1.7	0.3
Regional total	33	227	1070	1365	1.3	32.8	31.3
Southern Region							
Beaver	1	7	9	27	3.0	0.3	0.6
Garfield	0	0	—	—	—	0.0	0.0
Iron	3	21	218	268	1.2	6.7	6.1
Kane	1	7	19	27	1.4	0.6	0.6
Millard	8	55	256	281	1.1	7.8	6.4
Piute	1	7	9	13	1.4	0.3	0.3
Sevier	3	21	132	27	0.2	4.1	0.6
Washington	0	0	—	—	—	0.0	0.0
Wayne	2	14	28	0	0.0	0.9	0.0
Regional total	19	132	671	643	1.0	20.6	14.7
Northeastern Region							
Daggett	0	0	—	—	—	0.0	0.0
Duchesne	3	21	85	67	0.8	2.6	1.5
Uintah	3	21	142	67	0.5	4.3	1.5
Regional total	6	42	227	134	0.6	7.0	3.1
Southeastern Region							
Carbon	0	0	—	—	—	0.0	0.0
Emery	1	7	38	0	0.0	1.2	0.0
Grand	1	7	47	27	0.6	1.4	0.6
San Juan	1	7	9	0	0.0	0.3	0.0
Regional total	3	21	94	27	0.3	2.9	0.6
Unknown	0	0	—	—	—	0.0	0.0
Statewide total*	85	581	3265	4368	1.3	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

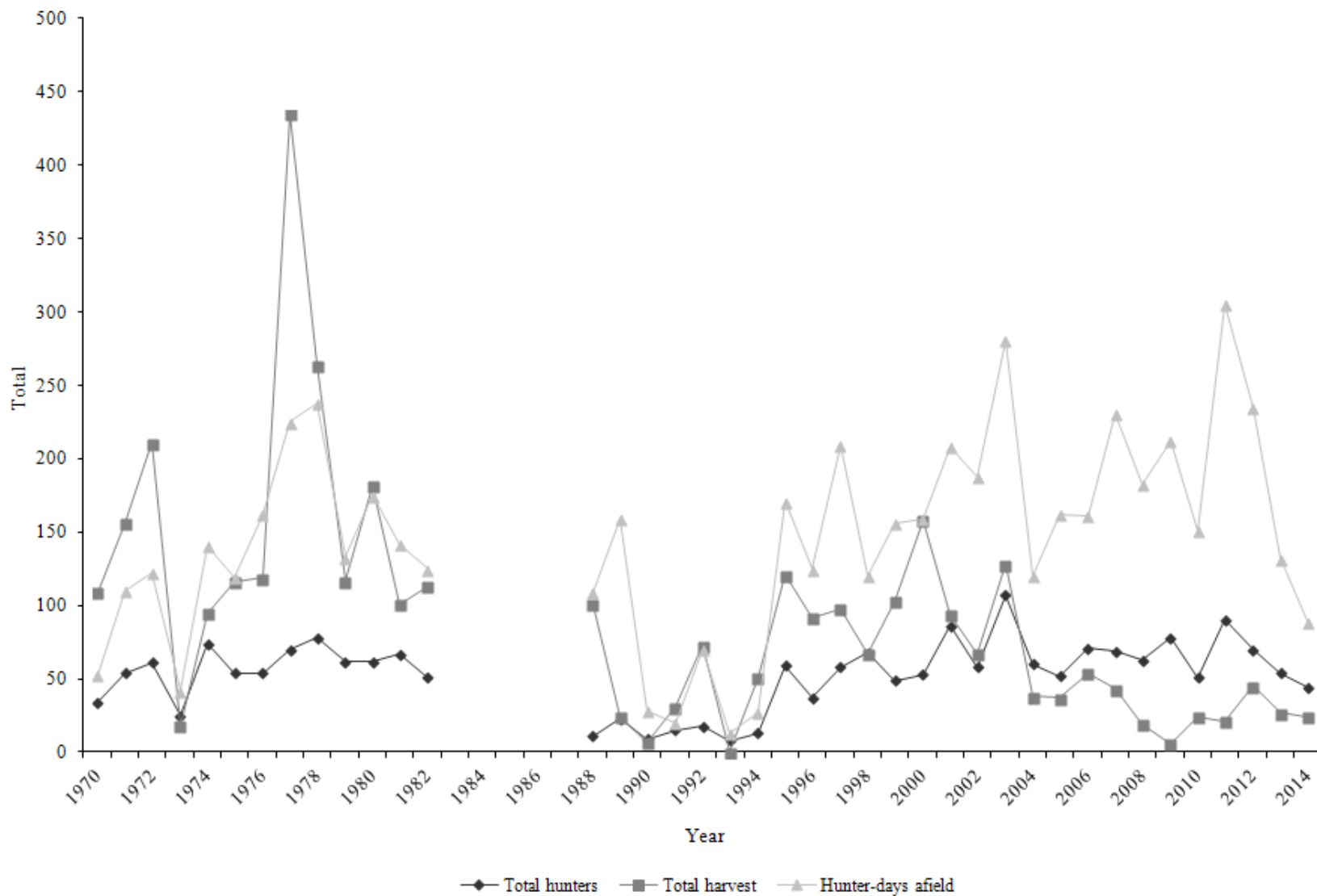
Statewide American crow harvest statistics, Utah 2014.

Year	Total hunters	Total harvest	Hunter-days afield	Crow / hunter-day	Crows / hunter
2014	581	4368	3265	1.3	7.5
Average (2014)	—	—	—	—	—
% change from previous year	—	—	—	—	—
% change from average	—	—	—	—	—

# BAND-TAILED PIGEON



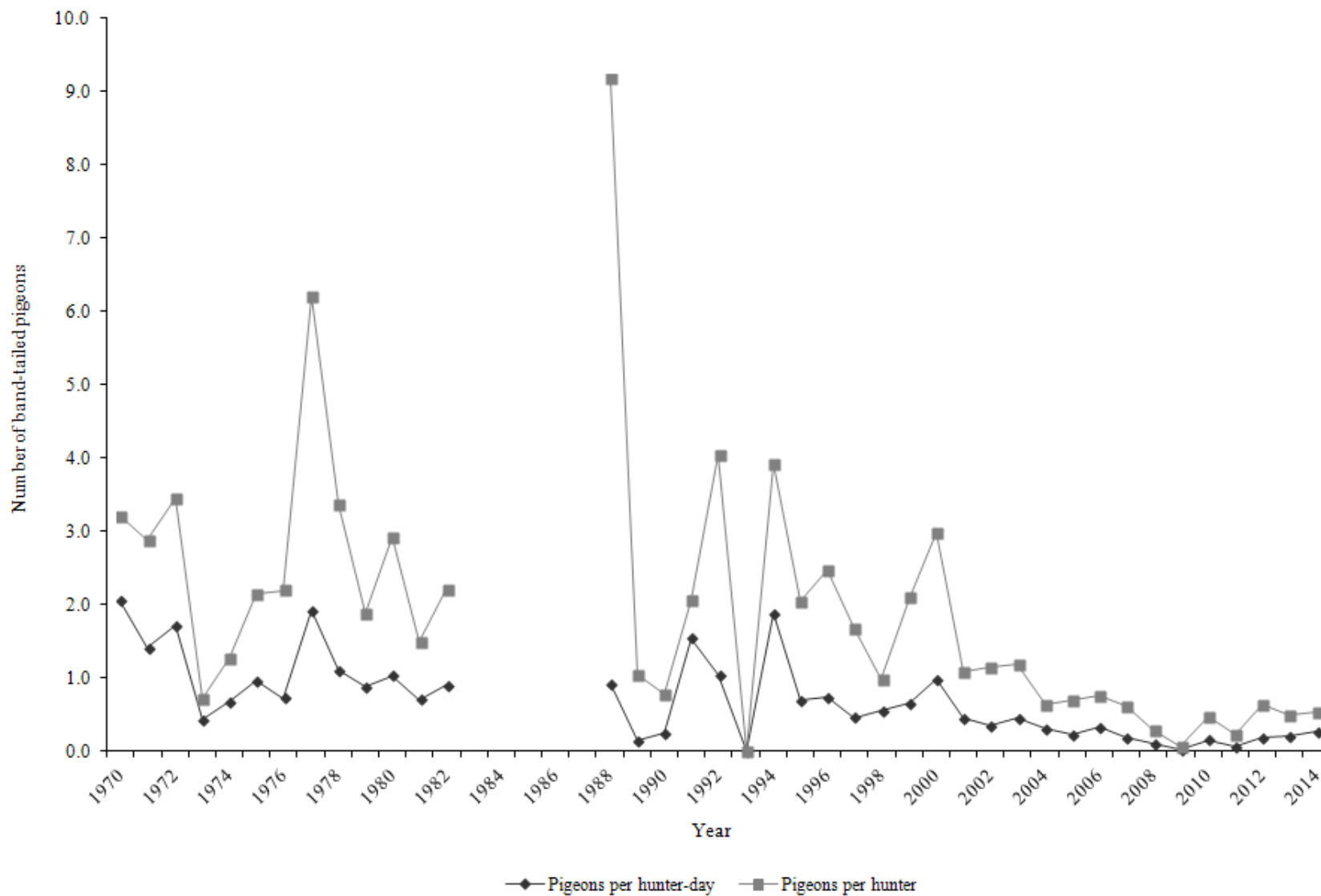
Statewide trends in band-tailed pigeon harvest statistics, Utah 1970–2014.



\*No data available 1983–1987.



Statewide trends in band-tailed pigeon hunter success, Utah 1970–2014.



\*No data available 1983–1987.

Band-tailed pigeon harvest statistics by region and county, Utah 2014.

Region and county	n	Hunters afield	Hunter-days afield	Pigeons bagged	Pigeons / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	1	2	2	0	0.0	2.2	0.0
Cache	3	6	10	0	0.0	11.2	0.0
Davis	0	0	—	—	—	—	—
Morgan	0	0	—	—	—	—	—
Rich	0	0	—	—	—	—	—
Summit	1	2	2	0	0.0	2.2	0.0
Weber	0	0	—	—	—	—	—
Regional total	5	10	14	0	0.0	15.7	0.0
Central Region							
Juab	0	0	—	—	—	—	—
Salt Lake	0	0	—	—	—	—	—
Sanpete	2	4	4	0	0.0	4.5	0.0
Tooele	2	4	4	0	0.0	4.5	0.0
Utah	6	12	28	0	0.0	31.5	0.0
Wasatch	0	0	—	—	—	—	—
Regional total	10	20	36	0	0.0	40.4	0.0
Southern Region							
Beaver	1	2	2	0	0.0	2.2	0.0
Garfield	0	0	—	—	—	—	—
Iron	1	2	2	0	0.0	2.2	0.0
Kane	0	0	—	—	—	—	—
Millard	1	2	4	0	0.0	4.5	0.0
Piute	0	0	—	—	—	—	—
Sevier	2	4	8	4	0.5	9.0	16.7
Washington	1	2	2	0	0.0	2.2	0.0
Wayne	1	2	—	0	—	—	—
Regional total	7	14	18	4	0.2	20.2	16.7
Northeastern Region							
Daggett	0	0	—	—	—	—	—
Duchesne	1	2	2	0	0.0	2.2	0.0
Uintah	0	0	—	—	—	—	—
Regional total	1	2	2	0	0.0	2.2	0.0
Southeastern Region							
Carbon	0	0	—	—	—	—	—
Emery	0	0	—	—	—	—	—
Grand	1	2	4	0	0.0	4.5	0.0
San Juan	3	6	14	20	1.4	15.7	83.3
Regional total	4	8	18	20	1.1	20.2	83.3
Unknown	0	0	—	—	—	—	—
Statewide total*	22	44	89	24	0.3	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

Statewide band-tailed pigeon harvest statistics, Utah 1970–2014.

Year	Total hunters	Total harvest	Hunter-days afield	Pigeons / hunter-day	Pigeons / hunter
1970	34	109	53	2.1	3.2
1971	54	156	110	1.4	2.9
1972	61	211	122	1.7	3.5
1973	25	18	42	0.4	0.7
1974	74	95	141	0.7	1.3
1975	54	116	119	1.0	2.1
1976	54	119	162	0.7	2.2
1977	70	435	225	1.9	6.2
1978	78	264	238	1.1	3.4
1979	62	117	133	0.9	1.9
1980	62	182	175	1.0	2.9
1981	67	101	142	0.7	1.5
1982*	51	113	125	0.9	2.2
1988	11	101	109	0.9	9.2
1989	23	24	159	0.2	1.0
1990	9	7	28	0.3	0.8
1991	15	31	20	1.6	2.1
1992	18	73	70	1.0	4.1
1993	8	0	13	0.0	0.0
1994	13	51	27	1.9	3.9
1995	59	121	171	0.7	2.1
1996	37	92	125	0.7	2.5
1997	58	98	209	0.5	1.7
1998	68	67	120	0.6	1.0
1999	49	103	156	0.7	2.1
2000	53	158	159	1.0	3.0
2001	86	94	208	0.5	1.1
2002	58	67	188	0.4	1.2
2003	107	128	281	0.5	1.2
2004	60	38	120	0.3	0.6
2005	52	37	162	0.2	0.7
2006	71	54	161	0.3	0.8
2007	69	43	231	0.2	0.6
2008	63	19	183	0.1	0.3
2009	78	6	212	0.0	0.1
2010	51	24	151	0.2	0.5
2011	90	21	305	0.1	0.2
2012	70	45	235	0.2	0.6
2013	54	27	132	0.2	0.5
2014	44	24	89	0.3	0.5
Average (1970–2013)	53	91	147	0.7	1.9
% change from previous year	-19	-11	-33	32	9
% change from average	-17	-74	-39	-62	-72

\*No data from 1983 to 1987.

# CHUKAR PARTRIDGE



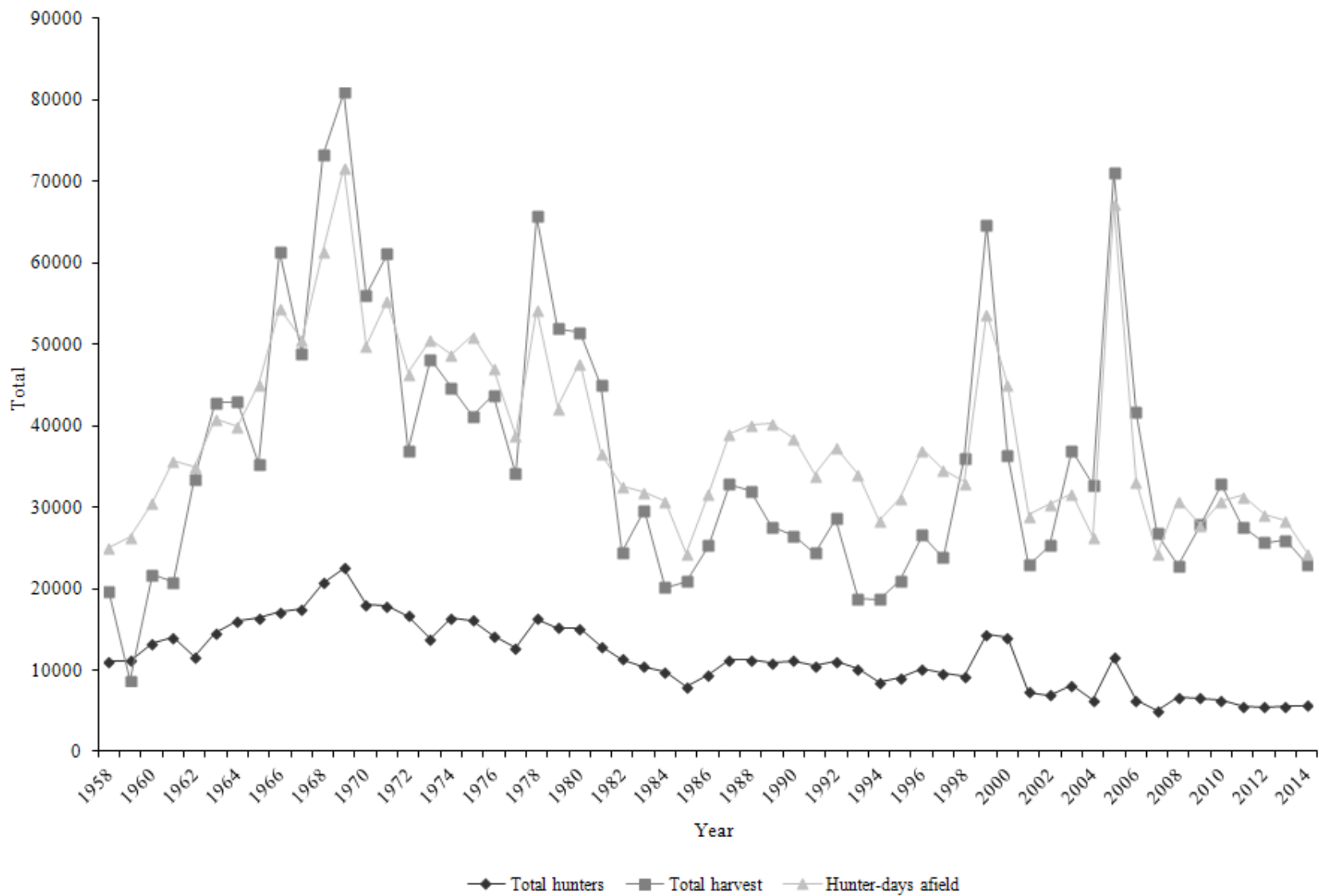
Chukar partridge aerial survey trends, Northeast Cedar Mountains, Tooele County, Utah 1996–2014.

Year	Coveys flushed	Total chukars observed	Square miles surveyed	Chukars / square mile
1996	12	103	6.5	15.9
1997	18	295	8.0	36.9
1998	52	939	8.0	117.4
1999	65	623	8.0	77.9
2000	23	96	8.0	12.0
2001	9	68	8.0	8.5
2002	5	36	8.0	4.5
2003	27	238	8.0	29.8
2004	15	167	8.0	20.9
2005	36	566	8.0	70.8
2006	50	779	8.0	97.4
2007	24	144	8.0	18.0
2008	22	94	5.0	18.8
2009	19	107	5.0	21.4
2010	6	22	5.0	4.4
2011	11	88	5.0	17.6
2012	25	229	5.0	45.8
2013	14	91	10.0	9.1
2014	27	298	12.7	23.5
Average (1996–2013)	24	260	7.2	34.8
% change from previous year	93	227	27	158
% change from average	12	14	77	-33

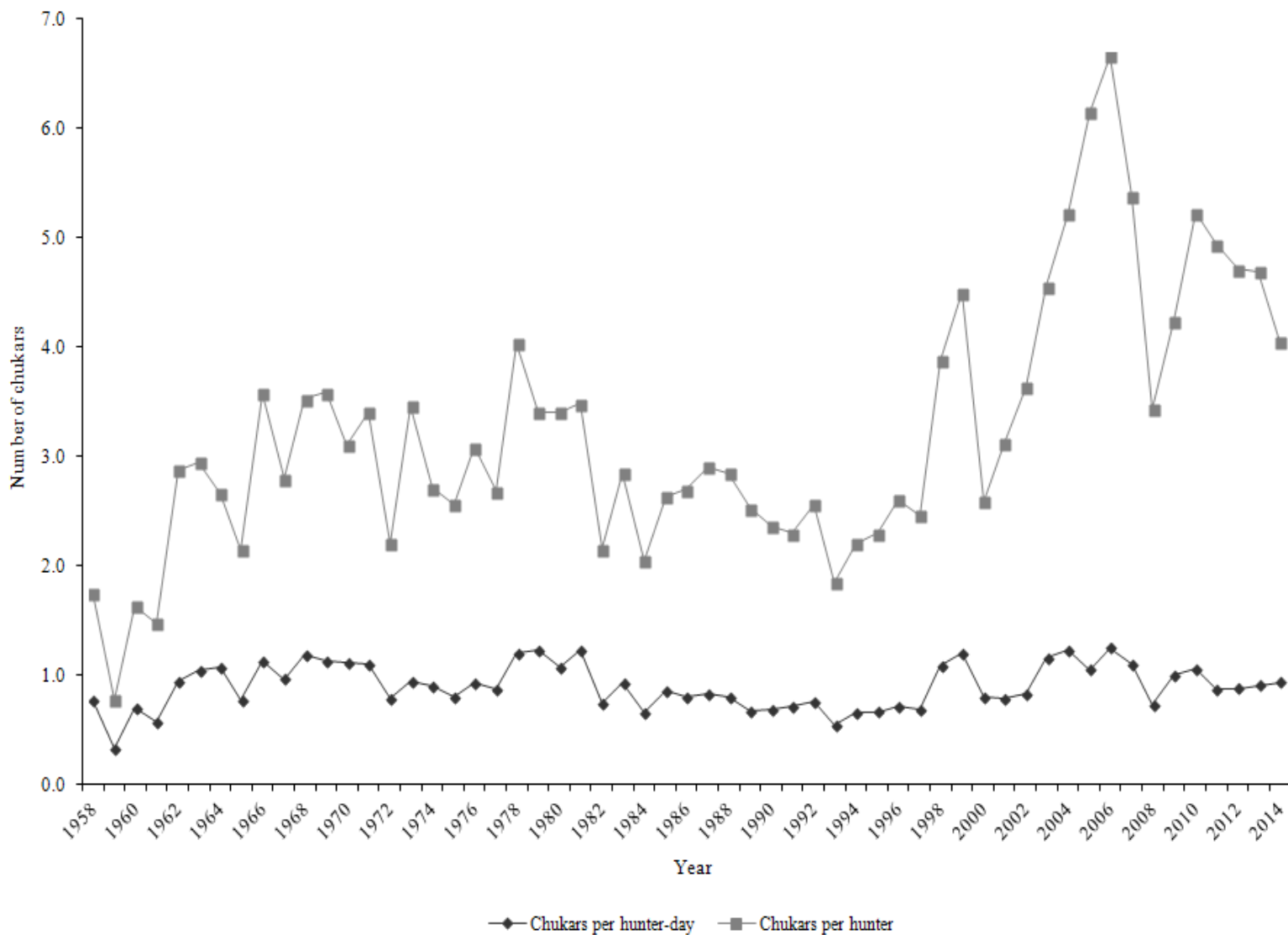
Chukar partridge aerial survey trends, Box Elder County, Utah 2009–2014.

Year	Coveys flushed	Total chukars observed	Square miles surveyed	Chukars / square mile
2009	5	41	8.5	4.8
2010	14	125	8.5	14.7
2011	19	233	8.5	27.4
2012	18	76	8.5	8.9
2013	12	133	8.5	15.6
2014	8	125	8.0	15.6
Average (2009–2013)	14	122	8.5	14.3
% change from previous year	-33	-6	-6	0
% change from average	-41	3	-6	9

Statewide trends of chukar partridge harvest statistics, Utah 1958–59 to 2014–15.



Statewide trends of chukar partridge hunter success, Utah 1958–59 to 2014–15.





## Chukar partridge harvest statistics by region and county, Utah 2014–15.

Region and county	n	Hunters afield	Hunter-days afield	Chukars bagged	Chukars / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	115	1028	2894	3153	1.1	11.8	13.7
Cache	25	224	790	379	0.5	3.2	1.6
Davis	4	36	34	303	8.9	0.1	1.3
Morgan	8	72	172	104	0.6	0.7	0.5
Rich	4	36	232	47	0.2	0.9	0.2
Summit	4	36	112	47	0.4	0.5	0.2
Weber	11	98	343	322	0.9	1.4	1.4
Regional total	171	1530	4577	4355	1.0	18.7	18.9
Central Region							
Juab	75	671	2713	2755	1.0	11.1	12.0
Salt Lake	6	54	146	104	0.7	0.6	0.5
Sanpete	23	206	902	511	0.6	3.7	2.2
Tooele	123	1100	4079	5303	1.3	16.7	23.0
Utah	113	1010	4130	3778	0.9	16.9	16.4
Wasatch	8	72	292	95	0.3	1.2	0.4
Regional total	348	3113	12262	12546	1.0	50.2	54.5
Southern Region							
Beaver	19	170	515	256	0.5	2.1	1.1
Garfield	8	72	292	161	0.6	1.2	0.7
Iron	7	63	206	133	0.6	0.8	0.6
Kane	3	27	146	170	1.2	0.6	0.7
Millard	34	304	859	1174	1.4	3.5	5.1
Piute	9	80	232	161	0.7	0.9	0.7
Sevier	55	492	1820	776	0.4	7.4	3.4
Washington	18	161	472	379	0.8	1.9	1.6
Wayne	3	27	86	19	0.2	0.4	0.1
Regional total	156	1396	4628	3229	0.7	18.9	14.0
Northeastern Region							
Daggett	1	9	17	0	0.0	0.1	0.0
Duchesne	14	125	386	521	1.3	1.6	2.3
Uintah	8	72	438	246	0.6	1.8	1.1
Regional total	23	206	841	767	0.9	3.4	3.3
Southeastern Region							
Carbon	9	80	472	473	1.0	1.9	2.1
Emery	19	170	635	540	0.9	2.6	2.3
Grand	8	72	189	265	1.4	0.8	1.2
San Juan	2	18	112	76	0.7	0.5	0.3
Regional total	38	340	1408	1354	1.0	5.8	5.9
Unknown	25	224	730	776	1.1	3.0	3.4
Statewide total*	635	5678	24447	23028	0.9	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

Statewide chukar partridge harvest statistics, Utah 1958–59 to 2014–15.

Year	Total hunters	Total harvest	Hunter-days afield	Chukars / hunter-day	Chukars / hunter
1958–59	11124	19578	25100	0.8	1.8
1959–60	11154	8700	26364	0.3	0.8
1960–61	13252	21733	30610	0.7	1.6
1961–62	14046	20821	35675	0.6	1.5
1962–63	11638	33500	35010	1.0	2.9
1963–64	14532	42806	40824	1.1	3.0
1964–65	16090	42974	39971	1.1	2.7
1965–66	16431	35335	45067	0.8	2.2
1966–67	17133	61370	54448	1.1	3.6
1967–68	17485	48906	50671	1.0	2.8
1968–69	20744	73218	61402	1.2	3.5
1969–70	22529	80917	71674	1.1	3.6
1970–71	18013	56053	49911	1.1	3.1
1971–72	17917	61151	55378	1.1	3.4
1972–73	16685	36925	46502	0.8	2.2
1973–74	13888	48135	50677	1.0	3.5
1974–75	16412	44658	48856	0.9	2.7
1975–76	16156	41151	51083	0.8	2.6
1976–77	14171	43726	47143	0.9	3.1
1977–78	12691	34155	38873	0.9	2.7
1978–79	16291	65747	54239	1.2	4.0
1979–80	15210	51918	42254	1.2	3.4
1980–81	15100	51511	47778	1.1	3.4
1981–82	12907	44983	36662	1.2	3.5
1982–83	11326	24460	32691	0.8	2.2
1983–84	10418	29649	31904	0.9	2.9
1984–85	9846	20179	30715	0.7	2.1
1985–86	7930	20938	24346	0.9	2.6
1986–87	9397	25346	31672	0.8	2.7
1987–88	11276	32848	39099	0.8	2.9
1988–89	11237	32057	40088	0.8	2.9
1989–90	10910	27628	40384	0.7	2.5
1990–91	11195	26486	38463	0.7	2.4
1991–92	10577	24355	34010	0.7	2.3
1992–93	11125	28599	37463	0.8	2.6
1993–94	10128	18774	34147	0.6	1.9
1994–95	8455	18721	28389	0.7	2.2
1995–96	9097	20954	31140	0.7	2.3

Statewide chukar partridge harvest statistics, Utah 1958–59 to 2014–15 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Chukars / hunter-day	Chukars / hunter
1996–97	10197	26594	37116	0.7	2.6
1997–98	9665	23840	34711	0.7	2.5
1998–99	9283	36013	33082	1.1	3.9
1999–00	14388	64727	53842	1.2	4.5
2000–01	14056	36458	45096	0.8	2.6
2001–02	7338	22941	29032	0.8	3.1
2002–03	6944	25294	30351	0.8	3.6
2003–04	8118	37007	31696	1.2	4.6
2004–05	6265	32718	26421	1.2	5.2
2005–06	11565	71134	67373	1.1	6.2
2006–07	6245	41618	33175	1.3	6.7
2007–08	4971	26758	24291	1.1	5.4
2008–09	6627	22777	30867	0.7	3.4
2009–10	6562	27860	27858	1.0	4.2
2010–11	6272	32799	30766	1.1	5.2
2011–12	5572	27553	31431	0.9	4.9
2012–13	5448	25696	29068	0.9	4.7
2013–14	5527	25973	28437	0.9	4.7
2014–15	5678	23028	24447	0.9	4.1
Average (1958–2014)	11778	36227	39023	0.9	3.2
% change from previous year	3	-11	-14	3	-14
% change from average	-52	-36	-37	4	26

# COTTONTAIL RABBIT (Desert & Mountain)



CLARK BRONSON

Statewide trends of cottontail rabbit summer roadside counts, Utah 1967–2014.

Year	Miles driven	Total rabbits observed	Young / 100 adults	Rabbits / mile
1967	—	—	106	0.35
1968	—	—	96	0.41
1969	—	—	110	0.32
1970	—	—	102	0.50
1971	2702	1184	123	0.44
1972	2643	1140	99	0.43
1973	1968	361	86	0.18
1974	2402	700	105	0.29
1975	2850	635	132	0.22
1976	3068	1163	132	0.38
1977	2907	914	89	0.31
1978	2745	1303	112	0.47
1979	2486	1094	121	0.44
1980	1909	591	107	0.31
1981	2423	1234	116	0.51
1982	2102	1111	78	0.53
1983	1932	787	72	0.41
1984	1069	170	100	0.16
1985	1656	211	73	0.13
1986	1610	284	75	0.18
1987	1552	521	96	0.34
1988	1472	825	67	0.56
1989	872	408	64	0.47
1990	879	344	73	0.39
1991	558	94	64	0.17
1992	857	207	71	0.24
1993	750	84	35	0.11
1994	148	54	18	0.36
1995	444	87	114	0.20
1996	498	283	163	0.57
1997	521	127	98	0.24
1998	1401	351	88	0.25
1999	1639	442	79	0.27
2000*	1029	550	115	0.53
2010	1279	109	49	0.09
2011	997	119	53	0.12
2012	1243	248	51	0.14

\*Cottontail rabbit roadside counts were discontinued from 2001–2009.

Statewide trends of cottontail rabbit summer roadside counts, Utah 1967–2014 (cont.).

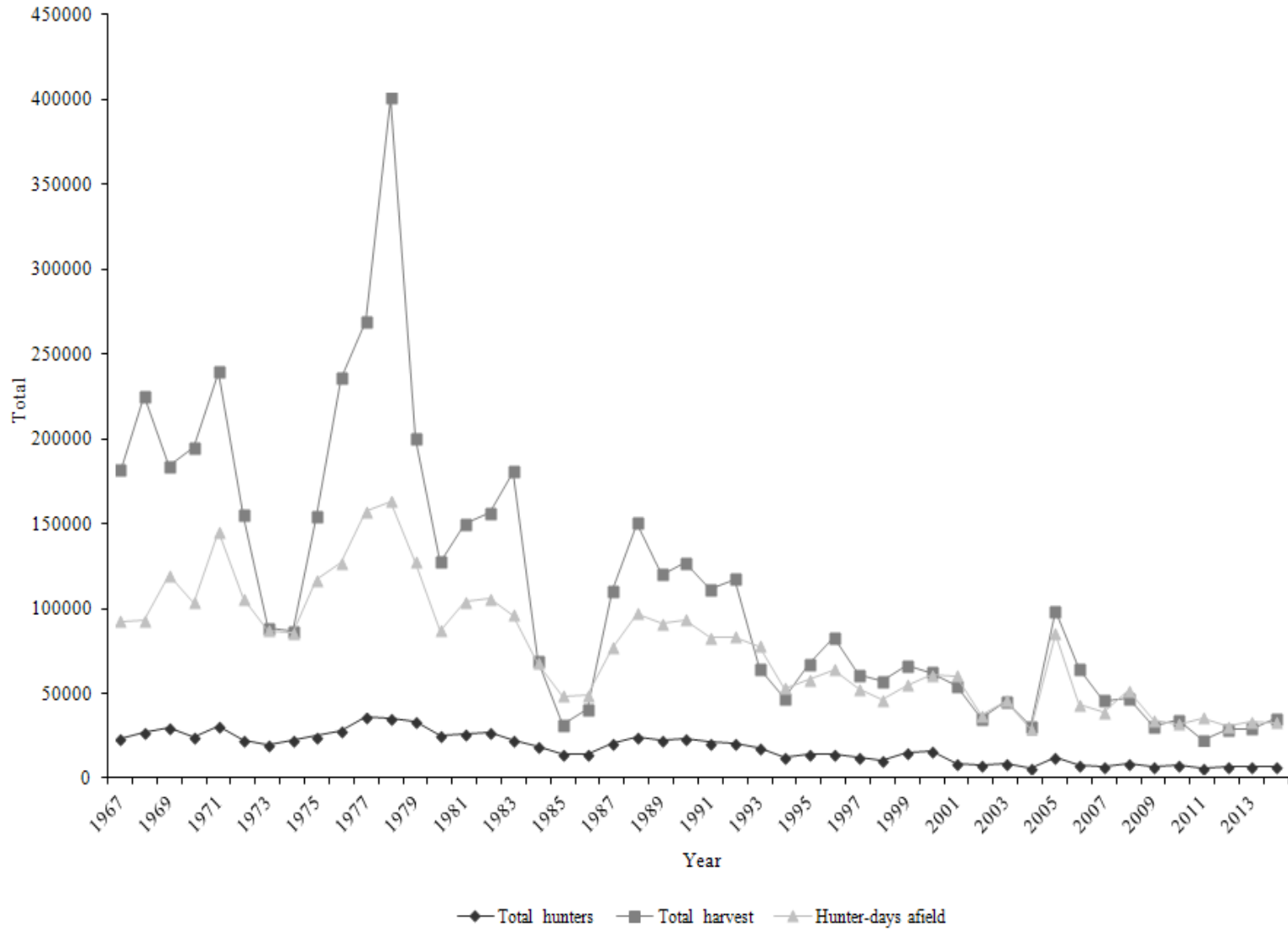
Year	Miles driven	Total rabbits observed	Young / 100 adults	Rabbits / mile
2013	1416	453	44	0.32
2014	1327	784	54	0.59
Average (1967–2013)	1127	342	76	0.29
% change from previous year	-6	73	23	84
% change from average	18	129	-29	100

Cottontail rabbit summer roadside count summary, Utah 2014.

Region and county	Miles driven	Rabbits observed				Young / 100 adults	Rabbits / mile
		Adults	Young	Unclassified	Total		
Northern Region							
Box Elder	90	8	3	0	11	37.5	0.12
Cache	—	—	—	—	—	—	—
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	90	4	5	0	9	125.0	0.10
Summit	—	—	—	—	—	—	—
Weber	—	—	—	—	—	—	—
Regional total	180	12	8	0	20	66.7	0.11
Central Region							
Juab	—	—	—	—	—	—	—
Salt Lake	—	—	—	—	—	—	—
Sanpete	90	1	2	0	3	200.0	0.03
Tooele	90	1	0	2	3	0.0	0.03
Utah	—	—	—	—	—	—	—
Wasatch	—	—	—	—	—	—	—
Regional total	180	2	2	2	6	100.0	0.03
Southern Region							
Beaver*	—	—	—	—	—	—	—
Garfield	98	7	0	0	7	0.0	0.07
Iron	90	36	43	19	98	119.4	1.09
Kane	—	—	—	—	—	—	—
Millard	90	7	1	0	8	14.3	0.09
Piute	—	—	—	—	—	—	—
Sevier	90	11	15	8	34	136.4	0.38
Washington	—	—	—	—	—	—	—
Wayne	62	4	16	0	20	400.0	0.32
Regional total	430	65	75	27	167	115.4	0.39
Northeastern Region							
Daggett	105.1	119	85	0	204	71.4	1.94
Duchesne	90	130	40	0	170	30.8	1.89
Uintah	72.3	48	25	0	73	52.1	1.01
Regional total	267.4	297	150	0	447	50.5	1.67
Southeastern Region							
Carbon	90	12	1	0	13	8.3	0.14
Emery	90	65	14	10	89	21.5	0.99
Grand	—	—	—	—	—	—	—
San Juan	90	27	9	6	42	33.3	0.47
Regional total	270	104	24	16	144	23.1	0.53
Statewide total	1327.4	480	259	45	784	54.0	0.59

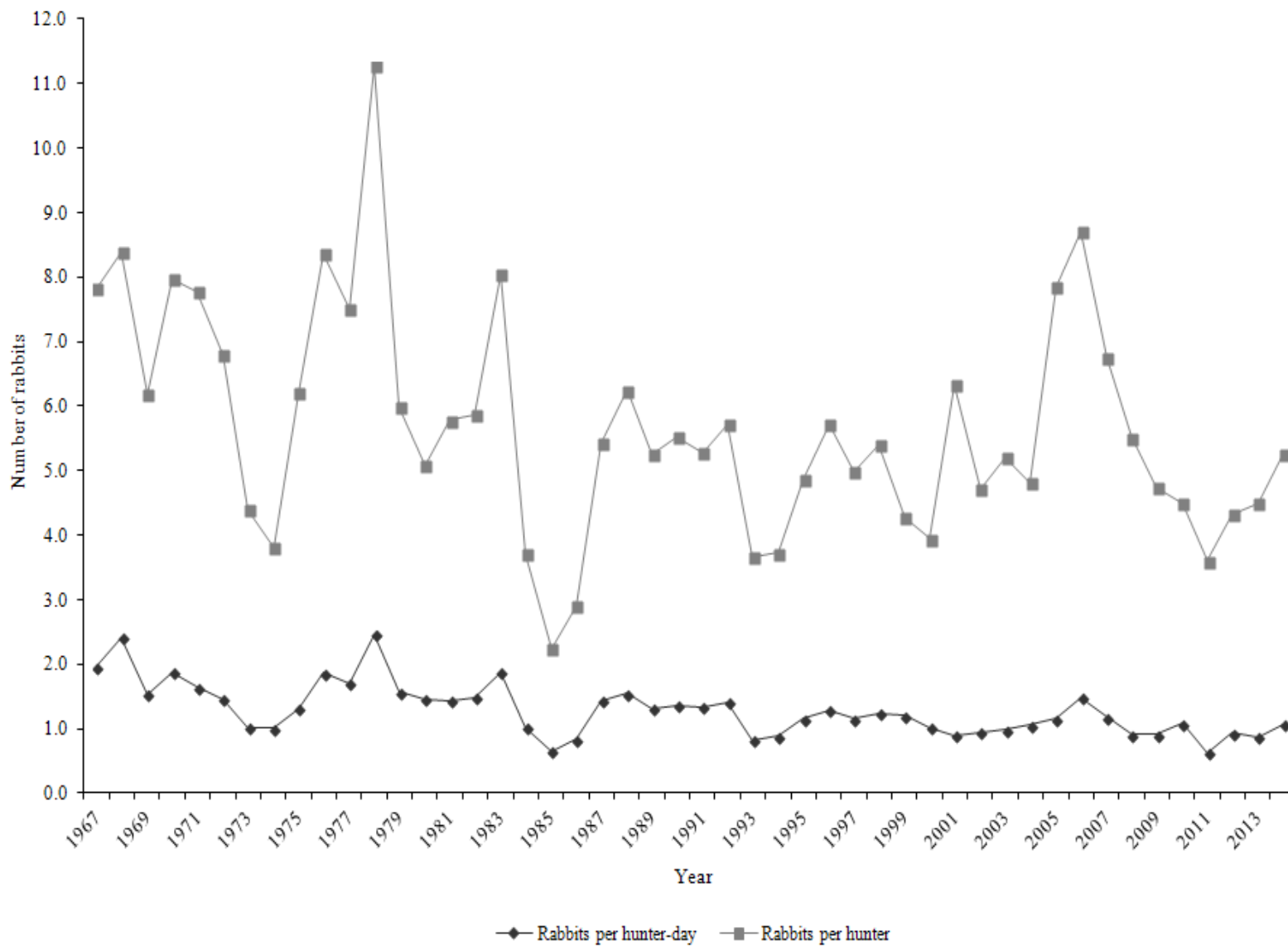
\*Beaver county rabbit route moved to Millard county because of fire.

Statewide trends of cottontail rabbit harvest statistics, Utah 1967–68 to 2014–15.





Statewide trends of cottontail rabbit hunter success, Utah 1967–68 to 2014–15.



Cottontail rabbit harvest statistics by region and county, Utah 2014–15.

Region and county	n	Hunters afield	Hunter-days afield	Rabbits bagged	Rabbits / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	88	786	2636	2249	0.9	8.0	6.4
Cache	21	187	959	672	0.7	2.9	1.9
Davis	2	18	116	18	0.2	0.4	0.1
Morgan	11	98	436	125	0.3	1.3	0.4
Rich	21	187	591	618	1.0	1.8	1.8
Summit	11	98	281	233	0.8	0.9	0.7
Weber	8	71	184	63	0.3	0.6	0.2
Regional total	162	1445	5203	3978	0.8	15.9	11.3
Central Region							
Juab	47	420	1337	1013	0.8	4.1	2.9
Salt Lake	3	27	48	54	1.1	0.1	0.2
Sanpete	27	241	1473	1013	0.7	4.5	2.9
Tooele	68	607	2355	1801	0.8	7.2	5.1
Utah	71	634	2248	1523	0.7	6.9	4.3
Wasatch	15	134	523	260	0.5	1.6	0.7
Regional total	231	2063	7984	5664	0.7	24.4	16.1
Southern Region							
Beaver	14	125	659	860	1.3	2.0	2.4
Garfield	7	62	388	358	0.9	1.2	1.0
Iron	21	187	1143	717	0.6	3.5	2.0
Kane	8	71	455	851	1.9	1.4	2.4
Millard	17	152	572	448	0.8	1.7	1.3
Piute	7	62	329	251	0.8	1.0	0.7
Sevier	23	205	804	520	0.6	2.5	1.5
Washington	27	241	1870	1559	0.8	5.7	4.4
Wayne	14	125	446	547	1.2	1.4	1.6
Regional total	138	1230	6666	6111	0.9	20.4	17.4
Northeastern Region							
Daggett	22	196	620	2070	3.3	1.9	5.9
Duchesne	77	687	3207	5458	1.7	9.8	15.5
Uintah	79	705	3653	5189	1.4	11.2	14.8
Regional total	178	1588	7480	12717	1.7	22.8	36.2
Southeastern Region							
Carbon	45	402	1841	2258	1.2	5.6	6.4
Emery	29	259	1037	977	0.9	3.2	2.8
Grand	15	134	562	717	1.3	1.7	2.0
San Juan	28	250	892	1264	1.4	2.7	3.6
Regional total	117	1045	4332	5216	1.2	13.2	14.9
Unknown	26	232	1085	1434	1.3	3.3	4.1
Statewide total*	748	6678	32753	35120	1.1	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

Statewide cottontail rabbit harvest statistics, Utah 1967–68 to 2014–15.

Year	Total hunters	Total harvest	Hunter-days afield	Rabbits / hunter-day	Rabbits / hunter
1967–68	23249	181812	92681	2.0	7.8
1968–69	26889	225450	93126	2.4	8.4
1969–70	29760	184034	119596	1.5	6.2
1970–71	24486	195248	103725	1.9	8.0
1971–72	30824	239511	145287	1.6	7.8
1972–73	22835	155102	105941	1.5	6.8
1973–74	20109	88603	87036	1.0	4.4
1974–75	22737	86506	85499	1.0	3.8
1975–76	24803	154182	116707	1.3	6.2
1976–77	28239	235952	126737	1.9	8.4
1977–78	35831	269263	157257	1.7	7.5
1978–79	35590	401071	163019	2.5	11.3
1979–80	33385	200223	127497	1.6	6.0
1980–81	25156	127652	87051	1.5	5.1
1981–82	25906	149765	104183	1.4	5.8
1982–83	26714	156696	105644	1.5	5.9
1983–84	22467	180767	96151	1.9	8.0
1984–85	18616	69186	67643	1.0	3.7
1985–86	14059	31397	48371	0.6	2.2
1986–87	13992	40636	48694	0.8	2.9
1987–88	20322	110411	77047	1.4	5.4
1988–89	24076	150386	97190	1.5	6.2
1989–90	22878	120075	91264	1.3	5.2
1990–91	23070	127389	93515	1.4	5.5
1991–92	21137	111407	82772	1.3	5.3
1992–93	20509	117454	83154	1.4	5.7
1993–94	17578	64400	77968	0.8	3.7
1994–95	12709	47322	53175	0.9	3.7
1995–96	13840	67295	58042	1.2	4.9
1996–97	14470	82803	63943	1.3	5.7
1997–98	12263	61109	52587	1.2	5.0
1998–99	10585	57137	45947	1.2	5.4
1999–00	15475	66142	54894	1.2	4.3
2000–01	15797	62330	60895	1.0	3.9
2001–02	8620	54506	60401	0.9	6.3
2002–03	7483	35320	36994	1.0	4.7
2003–04	8685	45210	45693	1.0	5.2
2004–05	6358	30586	28828	1.1	4.8
2005–06	12575	98827	85059	1.2	7.9

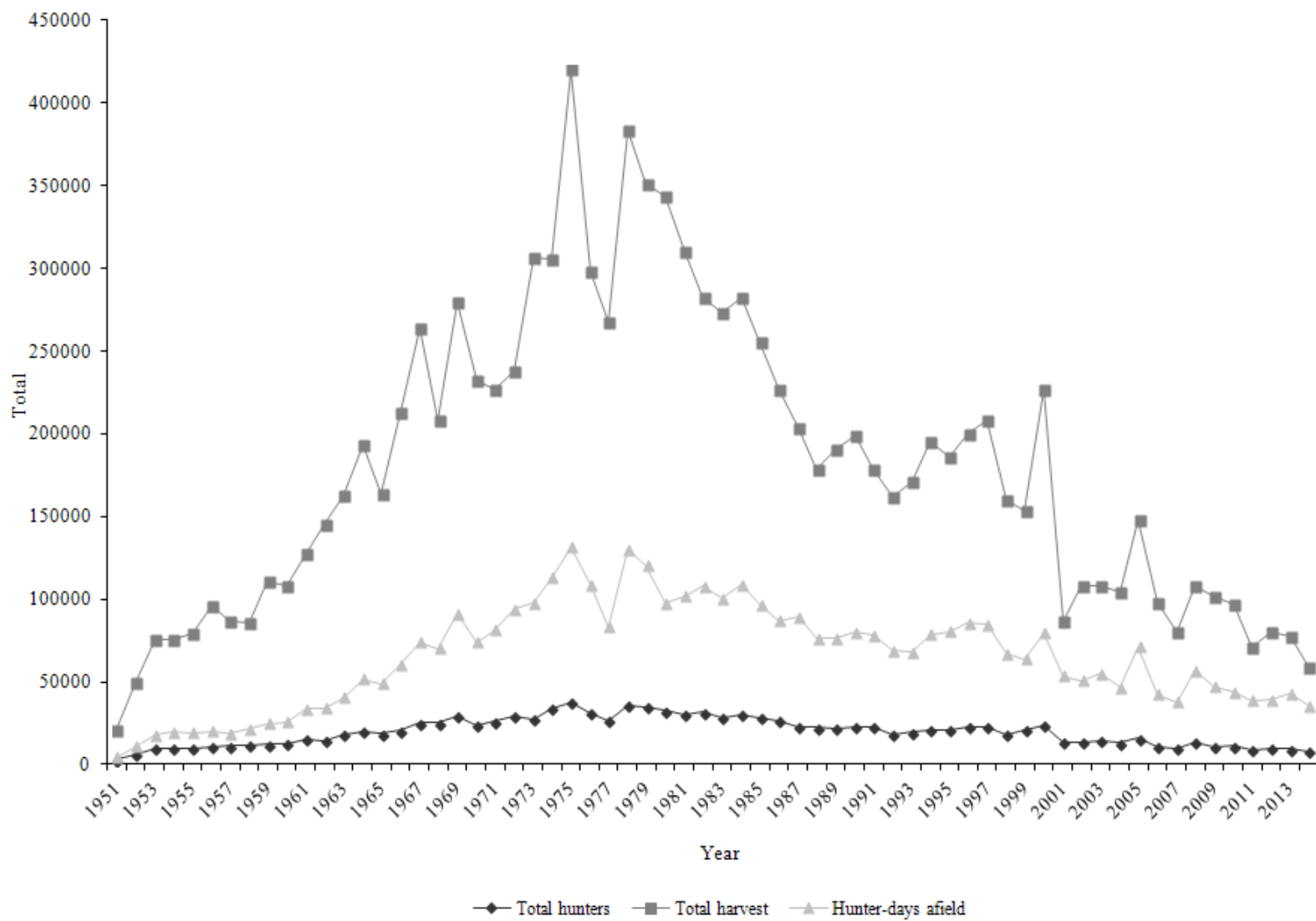
Statewide cottontail rabbit harvest statistics, Utah 1967–68 to 2014–15 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Rabbits / hunter-day	Rabbits / hunter
2006–07	7401	64476	43334	1.5	8.7
2007–08	6794	45902	38886	1.2	6.8
2008–09	8543	47077	51673	0.9	5.5
2009–10	6517	30946	34026	0.9	4.7
2010–11	7684	34532	31869	1.1	4.5
2011–12	6189	22293	35520	0.6	3.6
2012–13	6618	28665	30548	0.9	4.3
2013–14	6519	29353	33383	0.9	4.5
2014–15	6678	35120	32753	1.1	5.3
Average (1967–2014)	18092	110349	77244	1.3	5.7
% change from previous year	2	20	-2	22	17
% change from average	-63	-68	-58	-17	-8

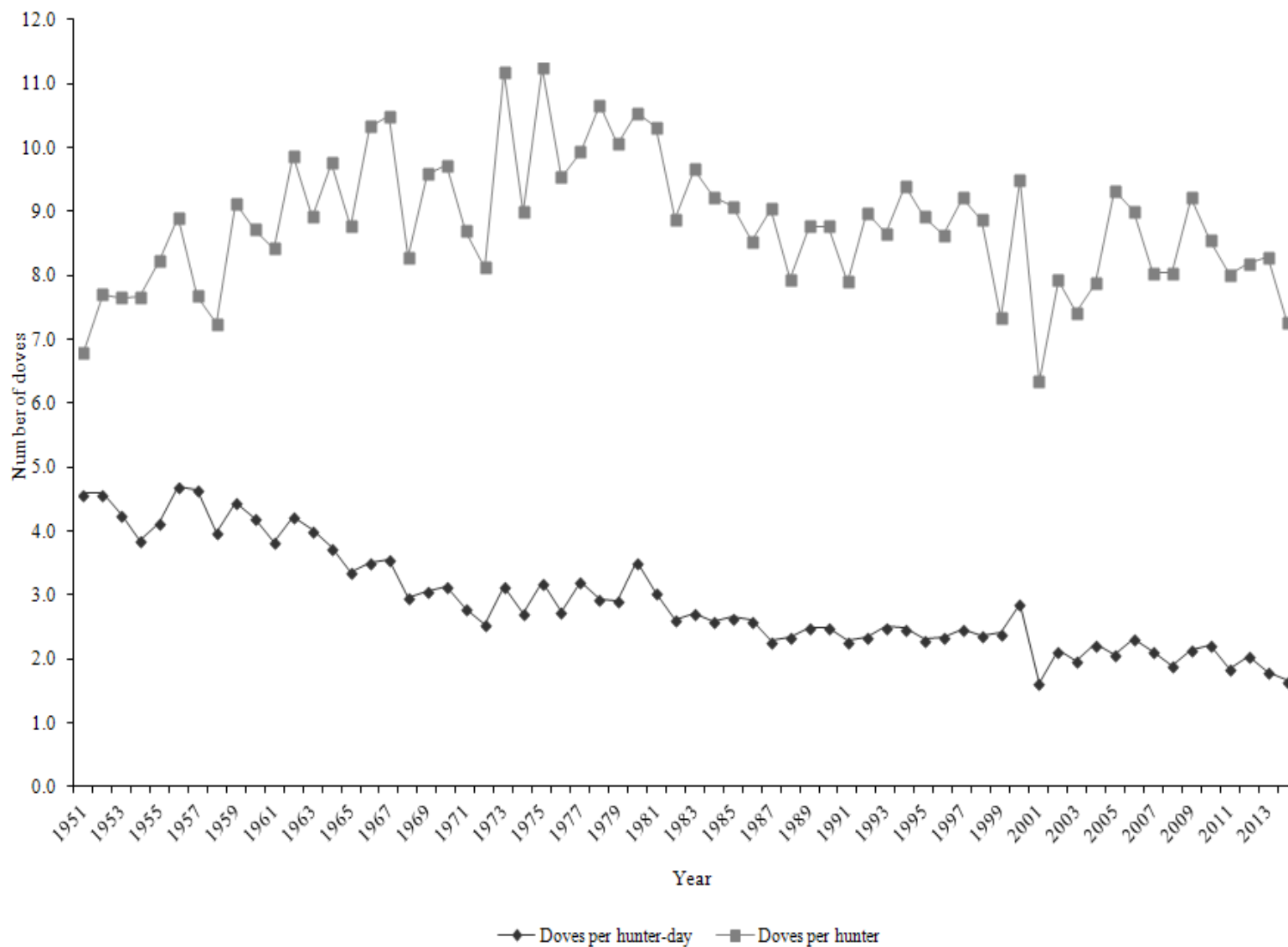
**DOVE**  
**(Mourning and White-winged)**



Statewide trends of dove harvest statistics, Utah 1951–2014.



Statewide trends of dove hunter success, Utah 1951–2014.



Dove (mourning and white-winged) harvest statistics by region and county, Utah 2014.

Region and county	n	Hunters afield	Hunter-days afield	Doves bagged	Doves / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	104	1010	3216	6183	1.9	9.1	10.5
Cache	75	729	3119	4047	1.3	8.8	6.9
Davis	39	379	1424	2812	2.0	4.0	4.8
Morgan	10	97	242	526	2.2	0.7	0.9
Rich	6	58	242	515	2.1	0.7	0.9
Summit	3	29	252	301	1.2	0.7	0.5
Weber	79	768	4108	6924	1.7	11.6	11.7
Regional total	316	3070	12603	21308	1.7	35.5	36.1
Central Region							
Juab	57	554	1589	2383	1.5	4.5	4.0
Salt Lake	15	146	494	794	1.6	1.4	1.3
Sanpete	27	262	891	837	0.9	2.5	1.4
Tooele	98	952	3381	4444	1.3	9.5	7.5
Utah	166	1613	5270	8169	1.6	14.9	13.9
Wasatch	7	68	388	193	0.5	1.1	0.3
Regional total	370	3595	12013	16820	1.4	33.9	28.5
Southern Region							
Beaver	29	282	775	1256	1.6	2.2	2.1
Garfield	5	49	465	354	0.8	1.3	0.6
Iron	28	272	620	3049	4.9	1.7	5.2
Kane	3	29	97	86	0.9	0.3	0.1
Millard	72	700	2916	6827	2.3	8.2	11.6
Piute	1	10	19	21	1.1	0.1	0.0
Sevier	24	233	998	1718	1.7	2.8	2.9
Washington	33	321	1133	2394	2.1	3.2	4.1
Wayne	0	0	—	—	—	0.0	0.0
Regional total	195	1896	7023	15705	2.2	19.8	26.6
Northeastern Region							
Daggett	3	29	58	408	7.0	0.2	0.7
Duchesne	18	175	678	1073	1.6	1.9	1.8
Uintah	20	194	1114	1986	1.8	3.1	3.4
Regional total	41	398	1850	3467	1.9	5.2	5.9
Southeastern Region							
Carbon	9	87	581	172	0.3	1.6	0.3
Emery	15	146	911	655	0.7	2.6	1.1
Grand	1	10	19	0	0.0	0.1	0.0
San Juan	3	29	136	107	0.8	0.4	0.2
Regional total	28	272	1647	934	0.6	4.6	1.6
Unknown	13	126	339	730	2.2	1.0	1.2
Statewide total*	835	8113	35477	58964	1.7	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.



Statewide dove harvest statistics, Utah 1951–2014.

Year	Total hunters	Total harvest	Hunter-days afield	Doves / hunter-day	Doves / hunter
1951	3007	20448	4455	4.6	6.8
1952	6420	49498	10784	4.6	7.7
1953	9887	75636	17797	4.2	7.7
1954	9901	75941	19724	3.9	7.7
1955	9653	79444	19282	4.1	8.2
1956	10744	95729	20411	4.7	8.9
1957	11298	86769	18620	4.7	7.7
1958	11853	85934	21591	4.0	7.2
1959	12142	110856	24911	4.5	9.1
1960	12440	108477	25766	4.2	8.7
1961	15192	128001	33434	3.8	8.4
1962	14663	144826	34281	4.2	9.9
1963	18258	162769	40490	4.0	8.9
1964	19829	193538	51671	3.7	9.8
1965	18710	164087	48835	3.4	8.8
1966	20594	212696	60608	3.5	10.3
1967	25161	263949	74171	3.6	10.5
1968	25105	207922	70186	3.0	8.3
1969	29131	279311	90965	3.1	9.6
1970	23908	232469	73984	3.1	9.7
1971	26064	226645	81271	2.8	8.7
1972	29341	238354	94046	2.5	8.1
1973	27435	307062	97788	3.1	11.2
1974	34021	306076	112967	2.7	9.0
1975	37378	420308	131312	3.2	11.2
1976	31293	298505	108780	2.7	9.5
1977	26905	267487	83218	3.2	9.9
1978	35985	383696	130173	2.9	10.7
1979	34903	351161	120459	2.9	10.1
1980	32627	343851	97644	3.5	10.5
1981	30060	310068	101728	3.0	10.3
1982	31756	282188	107728	2.6	8.9
1983	28258	272979	100568	2.7	9.7
1984	30573	282307	108793	2.6	9.2
1985	28183	256045	96507	2.7	9.1
1986	26583	226985	87084	2.6	8.5
1987	22553	204030	89378	2.3	9.0

Statewide dove harvest statistics, Utah 1951–2014 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Doves / hunter-day	Doves / hunter
1988	22457	178469	76219	2.3	7.9
1989	21696	190328	76372	2.5	8.8
1990	22700	199007	80076	2.5	8.8
1991	22632	178853	78405	2.3	7.9
1992	18021	161902	68937	2.3	9.0
1993	19725	170834	68143	2.5	8.7
1994	20743	195089	78594	2.5	9.4
1995	20896	186336	80688	2.3	8.9
1996	23180	200167	85613	2.3	8.6
1997	22594	208331	84638	2.5	9.2
1998	18030	160014	67234	2.4	8.9
1999	20926	153487	63796	2.4	7.3
2000	23916	227148	79356	2.9	9.5
2001	13715	86998	53736	1.6	6.3
2002	13619	108051	50644	2.1	7.9
2003	14625	108521	55067	2.0	7.4
2004*	13210	104105	46606	2.2	7.9
2005	15849	147903	71138	2.1	9.3
2006	10904	98159	42453	2.3	9.0
2007	10017	80554	37971	2.1	8.0
2008	13430	107929	56898	1.9	8.0
2009	11023	101608	47205	2.2	9.2
2010	11372	97155	43761	2.2	8.5
2011	8891	71217	38689	1.8	8.0
2012	9784	80150	38985	2.1	8.2
2013	9367	77618	43076	1.8	8.3
2014	8113	58962	35477	1.7	7.3
Average (1951–2013)	19923	181523	65487	2.9	8.8
% change from previous year	-13	-24	-18	-8	-12
% change from average	-59	-68	-46	-43	-18

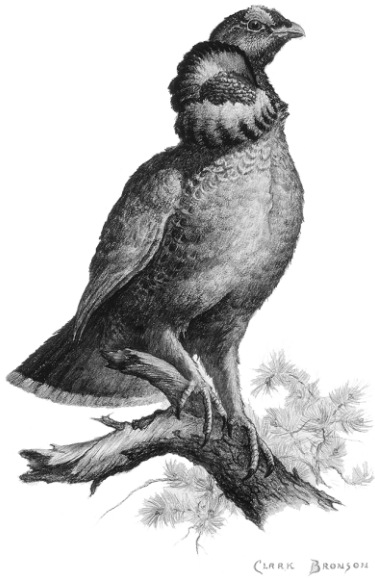
\*Beginning in 2004, hunters were allowed to harvest mourning doves, white-winged doves, and Eurasian collared-doves. Harvest numbers do not include Eurasian collared-doves.

Dove harvest by species, Utah 2006–2014.

Year	Mourning dove		White-winged dove		Eurasian collared-dove		Unknown		Total harvest
	Harvest	%	Harvest	%	Harvest	%	Harvest	%	
2006	91628	91.3	3954	3.9	2220	2.2	2577	2.6	100379
2007	73807	88.8	1948	2.3	2545	3.1	4799	5.8	83099
2008	102560	85.6	2584	2.2	11948	10.0	2785	2.3	119877
2009	96392	86.2	2650	2.4	10256	9.2	2566	2.3	111864
2010	87827	69.8	6242	5.0	28723	22.8	3086	2.5	125878
2011	67401	69.4	2017	2.1	25910	26.7	1799	1.9	97127
2012	74028	63.8	4357	3.8	35803	30.9	1764	1.5	115952
2013	70967	53.8	4249	3.2	54309	41.2	2400	1.8	131925
2014	53521	60.5	3489	3.9	29455	33.3	1952	2.2	88417
Average (2006–2013)	83076	76.1	3500	3.1	21464	18.2	2722	2.6	110763
% change from previous year	-25	13	-18	23	-46	-19	-19	21	-33
% change from average	55	26	0	-21	-27	-45	39	17	25

# FOREST GROUSE

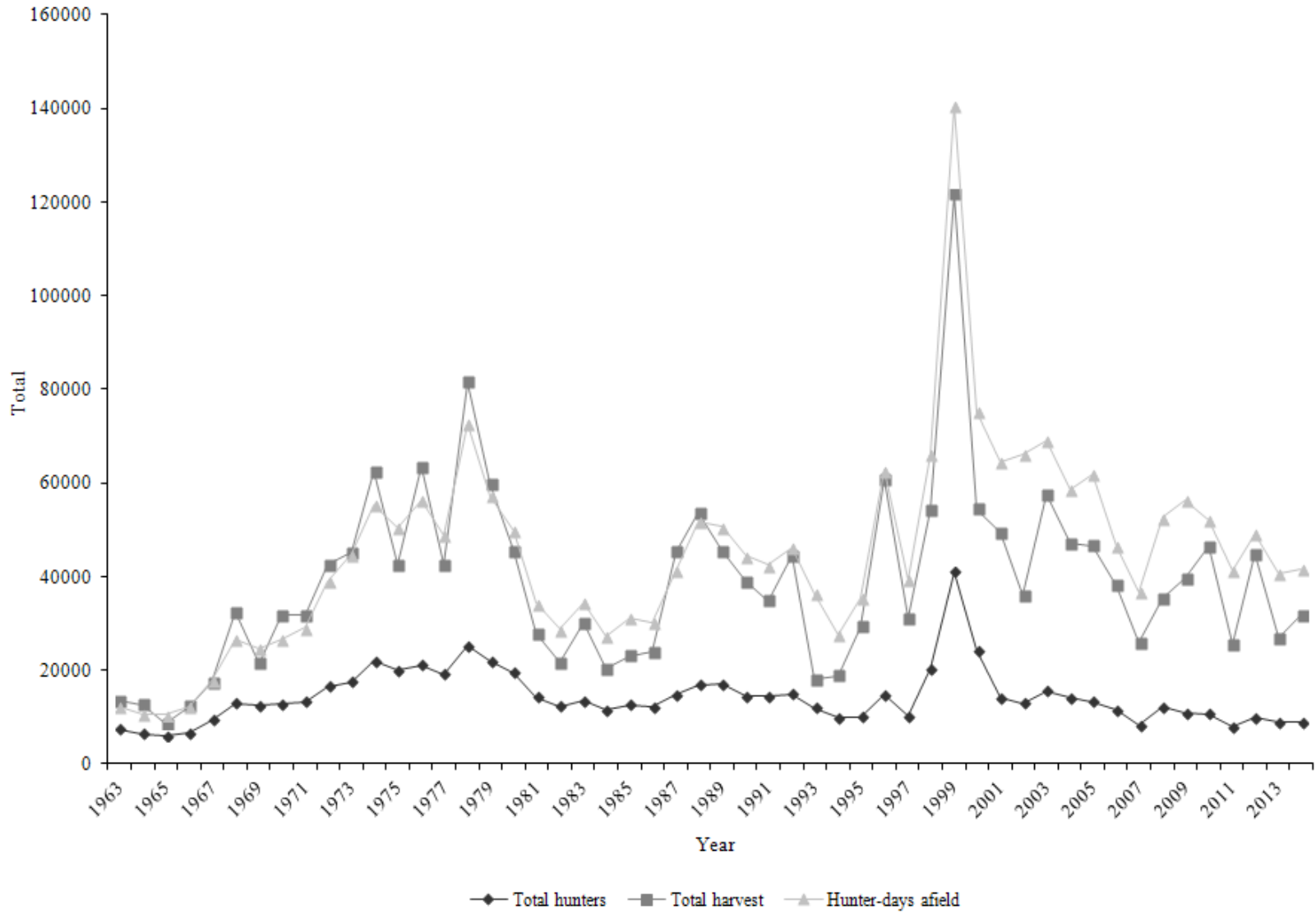
Dusky Grouse



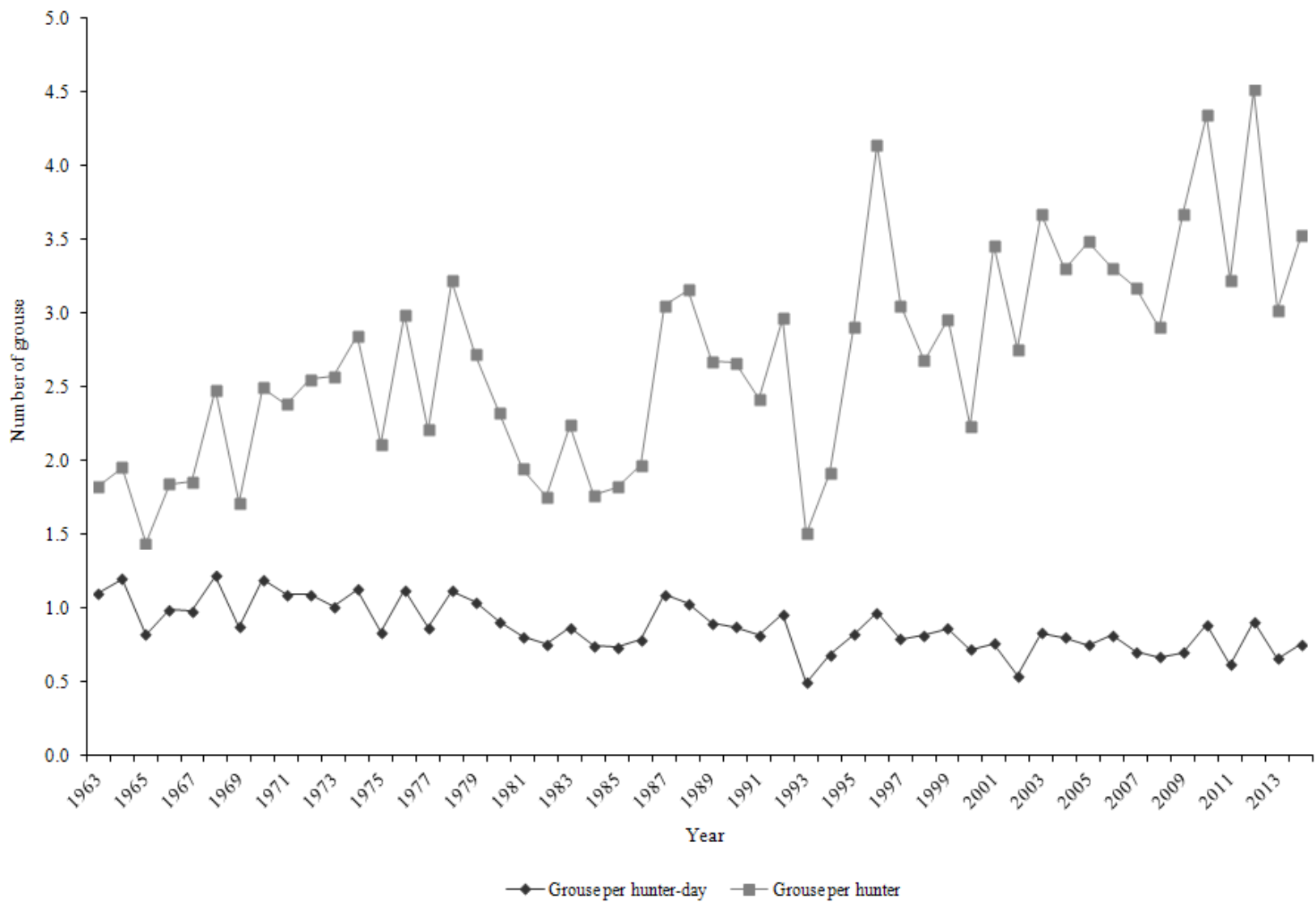
Ruffed Grouse



Statewide trends of forest grouse harvest statistics, Utah 1963–2014.



Statewide trends of forest grouse hunter success, Utah 1963–2014.



Forest grouse (dusky and ruffed) harvest statistics by region and county, Utah 2014.

Region and county	n	Hunters afield	Hunter-days afield	Grouse bagged	Grouse / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	47	405	1323	773	0.6	3.2	2.4
Cache	203	1751	7166	6214	0.9	17.2	19.6
Davis	41	354	1096	585	0.5	2.6	1.8
Morgan	29	250	868	423	0.5	2.1	1.3
Rich	33	285	1234	728	0.6	3.0	2.3
Summit	98	845	3709	3237	0.9	8.9	10.2
Weber	70	604	2175	1933	0.9	5.2	6.1
Regional total	521	4494	17571	13893	0.8	42.1	43.9
Central Region							
Juab	16	138	544	270	0.5	1.3	0.9
Salt Lake	21	181	560	549	1.0	1.3	1.7
Sanpete	72	621	2573	1538	0.6	6.2	4.9
Tooele	21	181	398	297	0.7	1.0	0.9
Utah	133	1147	4464	3984	0.9	10.7	12.6
Wasatch	115	992	5194	3903	0.8	12.5	12.3
Regional total	378	3260	13733	10541	0.8	32.9	33.3
Southern Region							
Beaver	26	224	666	351	0.5	1.6	1.1
Garfield	10	86	227	126	0.6	0.5	0.4
Iron	21	181	430	351	0.8	1.0	1.1
Kane	7	60	252	81	0.3	0.6	0.3
Millard	14	121	333	207	0.6	0.8	0.7
Piute	12	103	381	216	0.6	0.9	0.7
Sevier	67	578	1842	1502	0.8	4.4	4.7
Washington	3	26	65	171	2.6	0.2	0.5
Wayne	7	60	138	162	1.2	0.3	0.5
Regional total	167	1439	4334	3167	0.7	10.4	10.0
Northeastern Region							
Daggett	16	138	463	225	0.5	1.1	0.7
Duchesne	52	448	1526	1286	0.8	3.7	4.1
Uintah	46	397	1396	926	0.7	3.3	2.9
Regional total	114	983	3385	2437	0.7	8.1	7.7
Southeastern Region							
Carbon	22	190	641	450	0.7	1.5	1.4
Emery	13	112	414	198	0.5	1.0	0.6
Grand	6	52	317	108	0.3	0.8	0.3
San Juan	10	86	406	297	0.7	1.0	0.9
Regional total	51	440	1778	1053	0.6	4.3	3.3
Unknown	38	328	917	594	0.6	2.2	1.9
Statewide total*	1041	8977	41716	31681	0.8	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

Statewide forest grouse (dusky and ruffed) harvest statistics, Utah 1963–2014.

Year	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter-day	Grouse / hunter
1963	7425	13608	12313	1.1	1.8
1964	6487	12691	10566	1.2	2.0
1965	6005	8669	10504	0.8	1.4
1966	6683	12321	12387	1.0	1.8
1967	9420	17526	17773	1.0	1.9
1968	13061	32414	26537	1.2	2.5
1969	12523	21498	24572	0.9	1.7
1970	12775	31898	26619	1.2	2.5
1971	13363	31901	29100	1.1	2.4
1972	16640	42518	38940	1.1	2.6
1973	17588	45232	44738	1.0	2.6
1974	21920	62439	55258	1.1	2.8
1975	20102	42461	50579	0.8	2.1
1976	21186	63436	56422	1.1	3.0
1977	19188	42477	48746	0.9	2.2
1978	25318	81558	72732	1.1	3.2
1979	21993	59851	57404	1.0	2.7
1980	19511	45522	49899	0.9	2.3
1981	14329	27894	34305	0.8	1.9
1982	12384	21778	28767	0.8	1.8
1983	13414	30088	34530	0.9	2.2
1984	11511	20396	27244	0.7	1.8
1985	12646	23097	31290	0.7	1.8
1986	12117	23869	30312	0.8	2.0
1987	14831	45326	41428	1.1	3.1
1988	16947	53562	51726	1.0	3.2
1989	16987	45487	50631	0.9	2.7
1990	14591	38922	44452	0.9	2.7
1991	14421	34897	42517	0.8	2.4
1992	15000	44518	46136	1.0	3.0
1993	12029	18147	36390	0.5	1.5
1994	9827	18862	27510	0.7	1.9
1995	10088	29312	35591	0.8	2.9
1996	14702	60922	62711	1.0	4.1
1997	10206	31198	39304	0.8	3.1
1998	20310	54439	66256	0.8	2.7
1999	41041	121708	140478	0.9	3.0
2000	24338	54456	75199	0.7	2.2



Statewide forest grouse (dusky and ruffed) harvest statistics, Utah 1963–2014 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter-day	Grouse / hunter
2001	14260	49412	64632	0.8	3.5
2002	13020	35949	66118	0.5	2.8
2003	15669	57633	69032	0.8	3.7
2004	14259	47130	58672	0.8	3.3
2005	13371	46631	61866	0.8	3.5
2006	11532	38201	46504	0.8	3.3
2007	8193	26012	36799	0.7	3.2
2008	12189	35408	52577	0.7	2.9
2009	10791	39702	56455	0.7	3.7
2010	10724	46598	52138	0.9	4.3
2011	7941	25607	41223	0.6	3.2
2012	9915	44787	49227	0.9	4.5
2013	8888	26889	40666	0.7	3.0
2014	8977	31688	41716	0.8	3.5
Average (1963–2013)	14385	38958	44858	0.9	2.7
% change from previous year	1	18	3	15	17
% change from average	-38	-19	-7	-14	32

Forest grouse harvest by species, Utah 1963–2014.

Year	Ruffed grouse		Dusky grouse		Unknown grouse		Total harvest
	Harvest	%	Harvest	%	Harvest	%	
1963	5470	40.2	7372	54.2	766	5.6	13608
1964	5354	42.2	6685	52.7	652	5.1	12691
1965	3225	37.2	4924	56.8	520	6.0	8669
1966	6966	56.5	4659	37.8	696	5.6	12321
1967	8476	48.4	6773	38.6	2277	13.0	17526
1968	17048	52.6	12604	38.9	2762	8.5	32414
1969	9490	44.1	10419	48.5	1589	7.4	21498
1970	15590	48.9	13515	42.4	2793	8.8	31898
1971	15759	49.4	13749	43.1	2393	7.5	31901
1972	20648	48.6	19221	45.2	2649	6.2	42518
1973	7153	15.8	36846	81.5	1233	2.7	45232
1974	24561	39.3	32236	51.6	5642	9.0	62439
1975	15750	37.1	23138	54.5	3573	8.4	42461
1976	23551	37.1	35660	56.2	4225	6.7	63436
1977	15766	37.1	23455	55.2	3256	7.7	42477
1978	30340	37.2	46651	57.2	4567	5.6	81558
1979	23156	38.7	33070	55.3	3625	6.1	59851
1980	15457	34.0	27588	60.6	2477	5.4	45522
1981	8557	30.7	17852	64.0	1485	5.3	27894
1982	7509	34.5	12138	55.7	2131	9.8	21778
1983	11366	37.8	16955	56.4	1767	5.9	30088
1984	6780	33.2	12647	62.0	969	4.8	20396
1985	8701	37.7	13416	58.1	980	4.2	23097
1986	8819	36.9	14156	59.3	894	3.7	23869
1987	15811	34.9	28068	61.9	1447	3.2	45326
1988	19100	35.7	31556	58.9	2906	5.4	53562
1989	16323	35.9	27794	61.1	1370	3.0	45487
1990	11010	28.3	26115	67.1	1797	4.6	38922
1991	12073	34.6	21310	61.1	1514	4.3	34897
1992	15017	33.7	29146	65.5	355	0.8	44518
1993	6650	36.6	11040	60.8	457	2.5	18147
1994	6908	36.6	11865	62.9	89	0.5	18862
1995	13140	44.8	16172	55.2	0	0.0	29312
1996	29567	48.5	31355	51.5	0	0.0	60922
1997	14861	47.6	16337	52.4	0	0.0	31198
1998	12586	23.1	14773	27.1	27080	49.7	54439
1999	32018	26.3	28741	23.6	60949	50.1	121708
2000	28797	52.9	24321	44.7	1338	2.5	54456

Forest grouse harvest by species, Utah 1963–2014 (cont.).

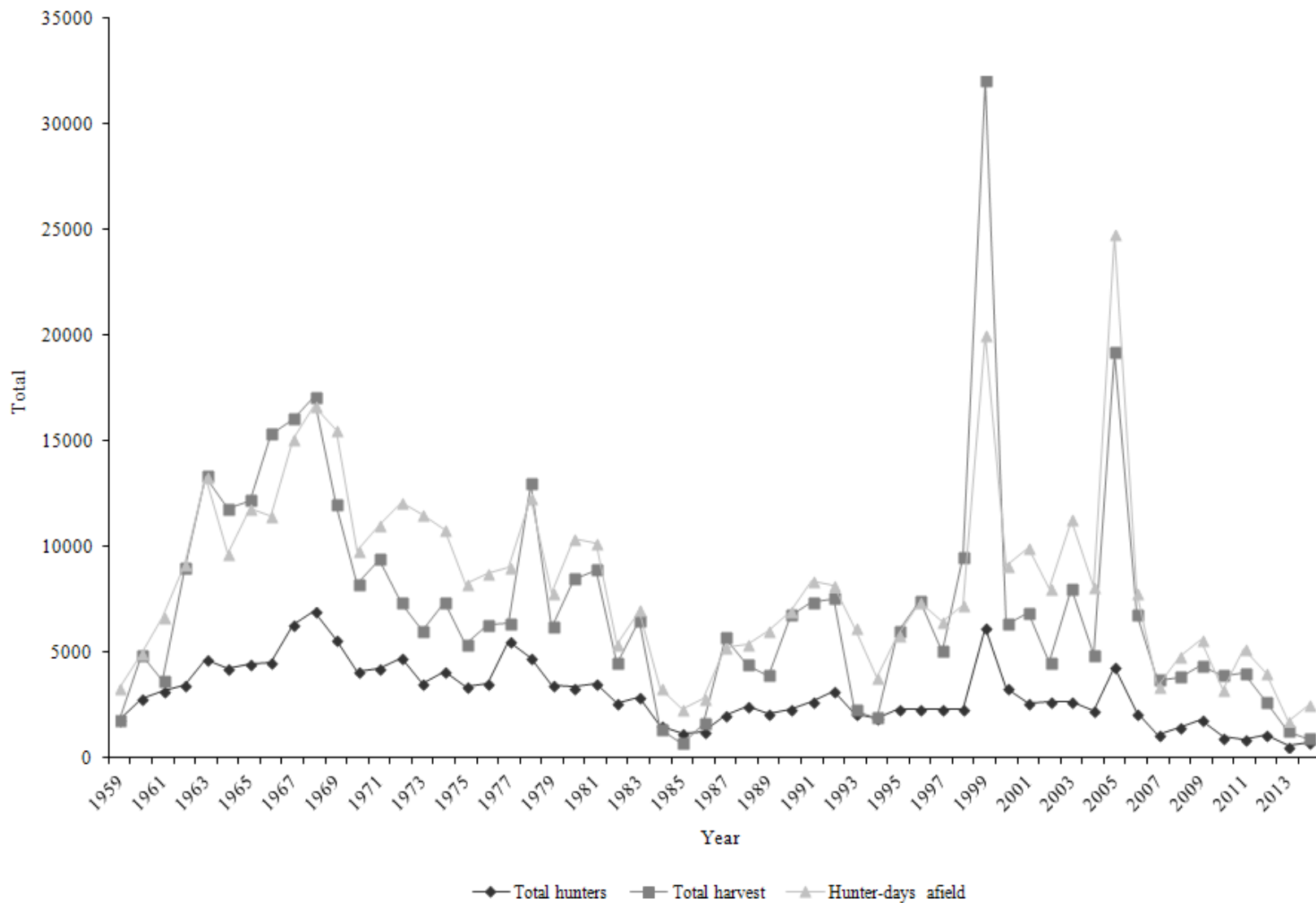
Year	Ruffed grouse		Dusky grouse		Unknown grouse		Total harvest
	Harvest	%	Harvest	%	Harvest	%	
2001	24257	49.1	23905	48.4	1250	2.5	49412
2002	16253	45.2	17151	47.7	2543	7.1	35947
2003	26716	46.4	30071	52.2	846	1.5	57633
2004	22400	47.5	23923	50.8	806	1.7	47129
2005	17068	36.6	25367	54.4	4196	9.0	46631
2006	15154	39.7	21784	57.0	1263	3.3	38201
2007	12064	46.4	11990	46.1	1958	7.5	26012
2008	15305	43.2	17798	50.3	2305	6.5	35408
2009	18239	45.9	19436	49.0	2027	5.1	39702
2010	17652	37.9	25056	53.8	3890	8.3	46598
2011	11906	46.5	12399	48.4	1302	5.1	25607
2012	25680	57.3	16345	36.5	2765	6.2	44787
2013	13807	51.3	12171	45.3	913	3.4	26889
2014	17304	54.6	13367	42.2	1017	3.2	31688
Average (1963–2013)	15409	40.5	20034	52.5	3515	6.9	38958
% change from previous year	25	6	10	-7	11	-5	18
% change from average	12	35	-33	-20	-71	-54	-19

## GRAY (HUNGARIAN) PARTRIDGE

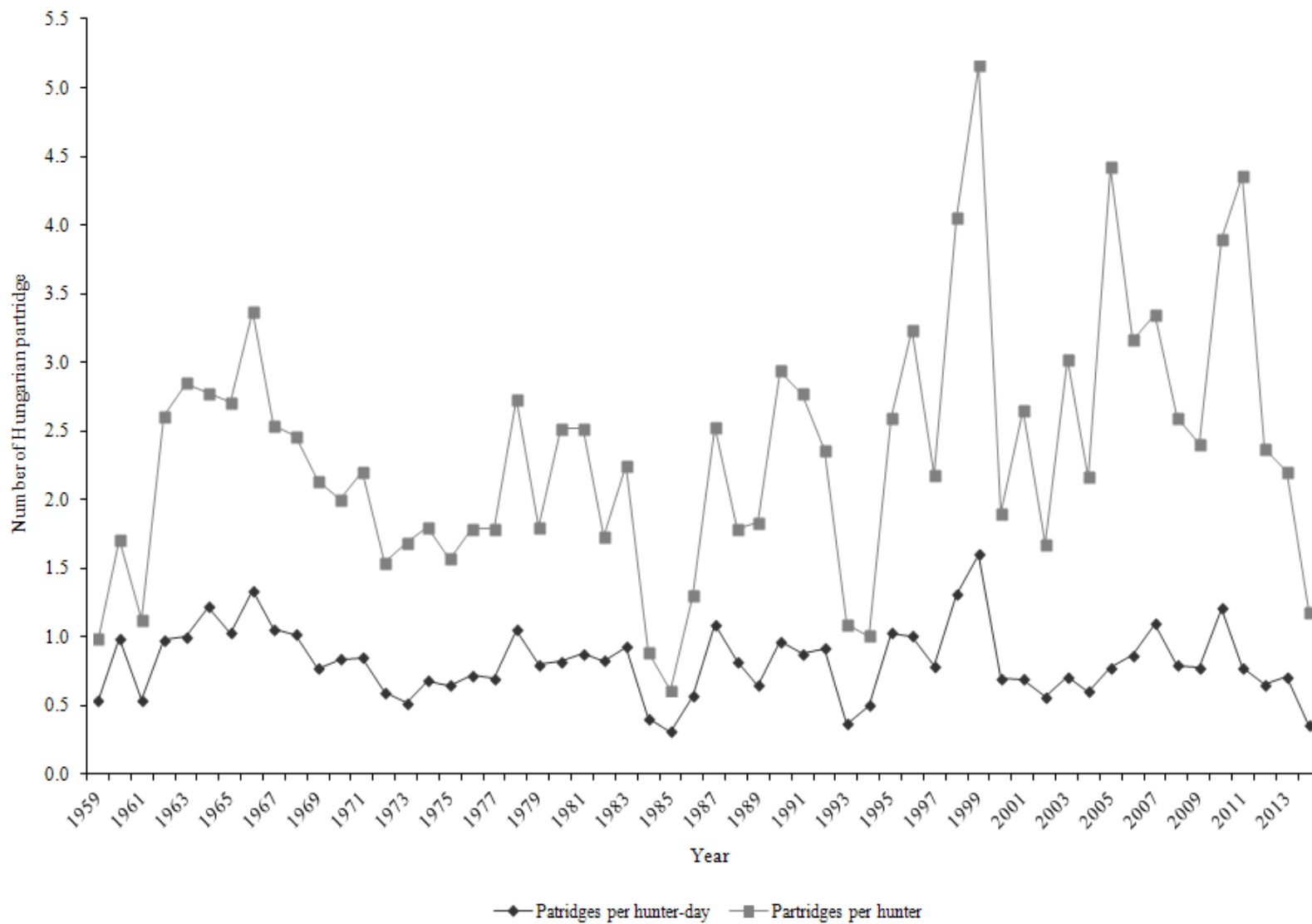


CLARK BRONSON

Statewide trends of gray (Hungarian) partridge harvest statistics, Utah 1959–60 to 2014–15.



Statewide trends of gray (Hungarian) partridge hunter success, Utah 1959–60 to 2014–15.



Gray (Hungarian) partridge harvest statistics by region and county, Utah 2014–15.

Region and county	n	Hunters afield	Hunter-days afield	Partridge bagged	Partridge / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	61	436	1187	569	0.5	47.0	62.9
Cache	30	214	714	240	0.3	28.3	26.5
Davis	0	0	—	—	—	0.0	0.0
Morgan	1	7	7	0	0.0	0.3	0.0
Rich	3	21	41	0	0.0	1.6	0.0
Summit	0	0	—	—	—	0.0	0.0
Weber	1	7	48	0	0.0	1.9	0.0
Regional total	96	685	1997	809	0.4	79.1	89.4
Central Region							
Juab	1	7	7	0	0.0	0.3	0.0
Salt Lake	1	7	7	0	0.0	0.3	0.0
Sanpete	0	0	—	—	—	0.0	0.0
Tooele	1	7	14	0	0.0	0.5	0.0
Utah	3	21	96	21	0.2	3.8	2.3
Wasatch	2	14	144	21	0.1	5.7	2.3
Regional total	8	56	268	42	0.2	10.6	4.5
Southern Region							
Beaver	0	0	—	—	—	0.0	0.0
Garfield	0	0	—	—	—	0.0	0.0
Iron	1	7	7	0	0.0	0.3	0.0
Kane	1	7	41	7	0.2	1.6	0.8
Millard	0	0	—	—	—	0.0	0.0
Piute	0	0	—	—	—	0.0	0.0
Sevier	1	7	34	0	0.0	1.4	0.0
Washington	0	0	—	—	—	0.0	0.0
Wayne	0	0	—	—	—	0.0	0.0
Regional total	3	21	82	7	0.1	3.3	0.8
Northeastern Region							
Daggett	0	0	—	—	—	0.0	0.0
Duchesne	0	0	—	—	—	0.0	0.0
Uintah	1	7	69	14	0.2	2.7	1.5
Regional total	1	7	69	14	0.2	2.7	1.5
Southeastern Region							
Carbon	1	7	21	0	0.0	0.8	0.0
Emery	2	14	55	27	0.5	2.2	3.0
Grand	1	7	34	7	0.2	1.4	0.8
San Juan	0	0	—	—	—	0.0	0.0
Regional total	4	28	110	34	0.3	4.3	3.8
Unknown	0	0	—	—	—	0.0	0.0
Statewide total*	107	765	2526	904	0.4	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

Statewide gray (Hungarian) partridge harvest statistics, Utah 1955–56 to 2014–15.

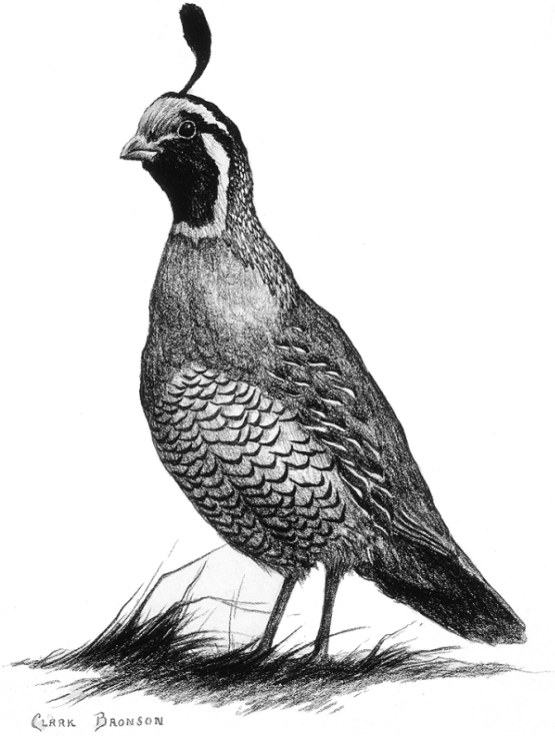
Year	Total hunters	Total harvest	Hunter-days afield	Partridge / hunter-day	Partridge / hunter
1955–56	—	—	—	—	0.4
1956–57	—	—	—	—	0.9
1957–58	—	—	—	—	0.5
1958–59	—	—	—	—	1.3
1959–60	1846	1820	3354	0.5	1.0
1960–61	2847	4877	4929	1.0	1.7
1961–62	3205	3648	6645	0.5	1.1
1962–63	3440	8970	9153	1.0	2.6
1963–64	4676	13343	13291	1.0	2.9
1964–65	4249	11812	9688	1.2	2.8
1965–66	4498	12183	11798	1.0	2.7
1966–67	4549	15348	11473	1.3	3.4
1967–68	6321	16049	15105	1.1	2.5
1968–69	6935	17089	16674	1.0	2.5
1969–70	5591	11966	15515	0.8	2.1
1970–71	4128	8236	9818	0.8	2.0
1971–72	4276	9407	11011	0.9	2.2
1972–73	4754	7335	12135	0.6	1.5
1973–74	3566	6014	11516	0.5	1.7
1974–75	4103	7389	10789	0.7	1.8
1975–76	3409	5358	8216	0.7	1.6
1976–77	3517	6287	8753	0.7	1.8
1977–78	5557	6360	9058	0.7	1.8
1978–79	4743	12969	12328	1.1	2.7
1979–80	3435	6200	7787	0.8	1.8
1980–81	3359	8466	10366	0.8	2.5
1981–82	3545	8916	10147	0.9	2.5
1982–83	2590	4475	5379	0.8	1.7
1983–84	2889	6506	6998	0.9	2.3
1984–85	1523	1360	3309	0.4	0.9
1985–86	1157	707	2314	0.3	0.6
1986–87	1257	1627	2843	0.6	1.3
1987–88	2010	5711	5246	1.1	2.5
1988–89	2471	4424	5392	0.8	1.8
1989–90	2136	3920	6035	0.7	1.8
1990–91	2305	6770	6976	1.0	2.9
1991–92	2662	7376	8367	0.9	2.8
1992–93	3198	7553	8192	0.9	2.4
1993–94	2090	2280	6194	0.4	1.1
1994–95	1899	1916	3832	0.5	1.0



Statewide gray (Hungarian) partridge harvest statistics, Utah 1955–56 to 2014–15 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Partridge / hunter-day	Partridge / hunter
1995–96	2294	5967	5812	1.0	2.6
1996–97	2299	7455	7409	1.0	3.2
1997–98	2328	5071	6443	0.8	2.2
1998–99	2350	9515	7281	1.3	4.1
1999–00	6211	32036	20063	1.6	5.2
2000–01	3349	6355	9096	0.7	1.9
2001–02	2596	6889	9933	0.7	2.7
2002–03	2694	4520	8052	0.6	1.7
2003–04	2656	8030	11283	0.7	3.0
2004–05	2253	4877	8087	0.6	2.2
2005–06	4345	19214	24783	0.8	4.4
2006–07	2148	6798	7850	0.9	3.2
2007–08	1099	3683	3358	1.1	3.4
2008–09	1475	3834	4825	0.8	2.6
2009–10	1817	4376	5618	0.8	2.4
2010–11	1006	3920	3236	1.2	3.9
2011–12	918	4001	5152	0.8	4.4
2012–13	1119	2659	4052	0.7	2.4
2013–14	574	1263	1775	0.7	2.2
2014–15	765	904	2526	0.4	1.2
Average (1955–2014)	3059	7366	8450	0.8	2.4
% change from previous year	33	-28	42	-50	-46
% change from average	-75	-88	-70	-57	-50

# QUAIL (California and Gambel's)



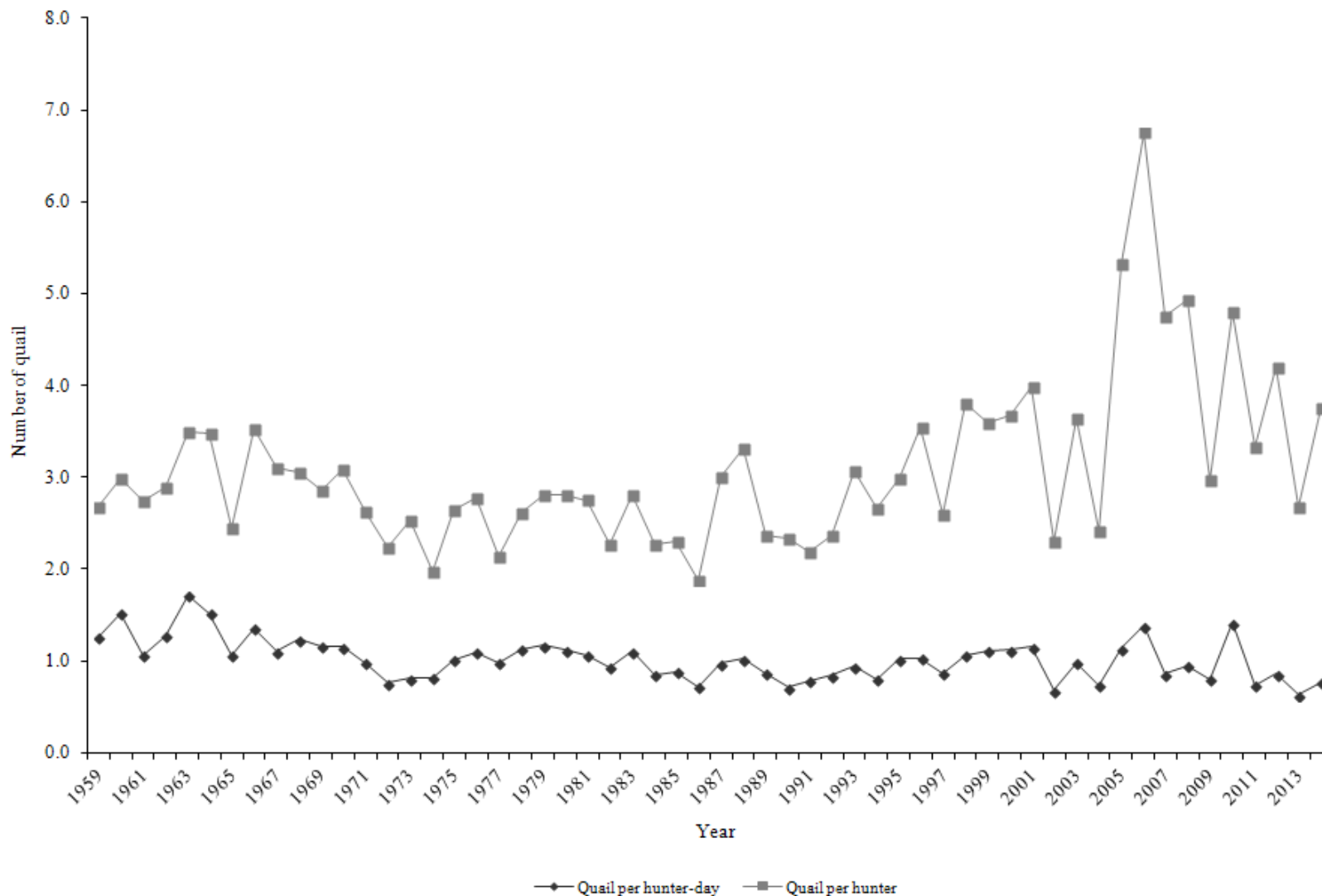
Gambel's quail waterhole trend counts, west slope of Beaver Dam Mountains, Washington County, Utah 1980–2014.

Year	Total young	Total adults	Total quail	Young / 100 adults
1980	72	52	124	138
1981	37	25	62	148
1982	85	33	118	258
1983	114	14	128	814
1984	166	86	252	193
1985	47	11	58	427
1986	163	48	211	340
1987	348	139	487	250
1988	59	47	106	126
1989	35	18	53	194
1990	33	9	42	367
1991	208	35	243	594
1992	415	128	543	324
1993	465	158	623	294
1994	135	102	237	132
1995	33	17	50	194
1996	—	—	—	—
1997	61	21	82	290
1998	236	30	266	787
1999	66	82	148	80
2000	340	61	401	557
2001	228	143	371	159
2002	—	—	—	—
2003	267	59	326	453
2004	796	199	995	400
2005	251	55	306	456
2006	135	110	245	123
2007	0	16	16	0
2008	86	35	121	246
2009	87	26	113	335
2010	51	15	66	340
2011	41	19	60	216
2012	8	8	16	100
2013	23	8	31	288
2014	197	61	258	323
Average (1980–2013)	159	57	216	301
% change from previous year	757	663	732	12
% change from average	24	8	20	7

Statewide trends of quail (California and Gambel's) harvest statistics, Utah 1962–2014.



Statewide trends of quail (California and Gambel's) hunter success, Utah 1962–2014.



Quail (California and Gambel's) harvest statistics by region and county, Utah 2014.

Region and county	n	Hunters afield	Hunter-days afield	Quail bagged	Quail / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	8	72	431	78	0.2	6.0	1.4
Cache	1	9	19	0	0.0	0.3	0.0
Davis	3	27	67	17	0.3	0.9	0.3
Morgan	0	0	—	—	—	0.0	0.0
Rich	0	0	—	—	—	0.0	0.0
Summit	0	0	—	—	—	0.0	0.0
Weber	9	81	307	372	1.2	4.3	6.7
Regional total	21	189	824	467	0.6	11.5	8.4
Central Region							
Juab	4	36	48	17	0.4	0.7	0.3
Salt Lake	0	0	—	—	—	0.0	0.0
Sanpete	1	9	10	26	2.6	0.1	0.5
Tooele	4	36	422	112	0.3	5.9	2.0
Utah	18	162	470	406	0.9	6.5	7.3
Wasatch	0	0	—	—	—	0.0	0.0
Regional total	27	243	950	561	0.6	13.2	10.1
Southern Region							
Beaver	1	9	67	26	0.4	0.9	0.5
Garfield	0	0	—	—	—	0.0	0.0
Iron	4	36	67	43	0.6	0.9	0.8
Kane	2	18	48	52	1.1	0.7	0.9
Millard	2	18	38	0	0.0	0.5	0.0
Piute	0	0	—	—	—	0.0	0.0
Sevier	11	99	259	26	0.1	3.6	0.5
Washington	49	442	1850	1652	0.9	25.7	29.8
Wayne	2	18	77	138	1.8	1.1	2.5
Regional total	71	640	2406	1937	0.8	33.4	34.9
Northeastern Region							
Daggett	0	0	—	—	—	0.0	0.0
Duchesne	14	126	690	519	0.8	9.6	9.4
Uintah	19	171	1533	1349	0.9	21.3	24.3
Regional total	33	297	2223	1868	0.8	30.9	33.7
Southeastern Region							
Carbon	1	9	29	0	0.0	0.4	0.0
Emery	13	117	642	424	0.7	8.9	7.6
Grand	1	9	38	17	0.4	0.5	0.3
San Juan	0	0	—	—	—	0.0	0.0
Regional total	15	135	709	441	0.6	9.9	8.0
Unknown	4	36	86	268	3.1	1.2	4.8
Statewide total*	164	1478	7197	5544	0.8	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

Statewide quail (California and Gambel's) harvest statistics, Utah 1962–2014.

Year	Total hunters	Total harvest	Hunter-days afield	Quail / hunter-day	Quail / hunter
1962	6462	18710	14660	1.3	2.9
1963	8059	28088	16383	1.7	3.5
1964	8951	31189	20510	1.5	3.5
1965	6163	17532	16528	1.1	2.5
1966	6465	22771	16720	1.4	3.5
1967	8455	26187	23806	1.1	3.1
1968	9302	28469	23132	1.2	3.1
1969	9160	26119	22529	1.2	2.9
1970	6141	18896	16452	1.2	3.1
1971	8039	21082	21595	1.0	2.6
1972	7380	16504	21779	0.8	2.2
1973	5654	14324	17777	0.8	2.5
1974	6097	12005	14702	0.8	2.0
1975	6397	16903	16805	1.0	2.6
1976	5215	14454	13261	1.1	2.8
1977	4446	9496	9646	1.0	2.1
1978	5924	15491	13649	1.1	2.6
1979	5632	15821	13550	1.2	2.8
1980	4156	11690	10400	1.1	2.8
1981	4946	13586	12843	1.1	2.8
1982	4368	9870	10575	0.9	2.3
1983	4012	11248	10232	1.1	2.8
1984	3654	8303	9805	0.9	2.3
1985	3065	7051	7994	0.9	2.3
1986	2432	4574	6326	0.7	1.9
1987	2549	7648	7918	1.0	3.0
1988	2671	8849	8682	1.0	3.3
1989	3111	7384	8607	0.9	2.4
1990	2614	6091	8561	0.7	2.3
1991	2644	5775	7393	0.8	2.2
1992	2861	6788	8068	0.8	2.4
1993	3649	11192	11952	0.9	3.1
1994	2936	7822	9721	0.8	2.7
1995	4374	13023	12712	1.0	3.0
1996	4622	16351	15862	1.0	3.5
1997	3637	9436	11016	0.9	2.6
1998	3211	12213	11562	1.1	3.8
1999	4002	14422	13007	1.1	3.6
2000	3828	14093	12638	1.1	3.7
2001	3140	12528	10894	1.1	4.0

Statewide quail (California and Gambel's) harvest statistics, Utah 1962–2014 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Quail / hunter-day	Quail / hunter
2002	2394	5508	8142	0.7	2.3
2003	2537	9254	9463	1.0	3.6
2004	2099	5064	6944	0.7	2.4
2005	3519	18756	16492	1.1	5.3
2006	2809	18979	13771	1.4	6.8
2007	2073	9844	11453	0.9	4.7
2008	2468	12164	12920	0.9	4.9
2009	2276	6760	8455	0.8	3.0
2010	1600	7682	5428	1.4	4.8
2011	1545	5151	7039	0.7	3.3
2012	1707	7164	8349	0.9	4.2
2013	1483	3968	6335	0.6	2.7
2014	1478	5542	7197	0.8	3.7
Average (1951–2013)	4503	13245	12520	1.0	3.0
% change from previous year	0	40	14	23	40
% change from average	-67	-58	-43	-24	26



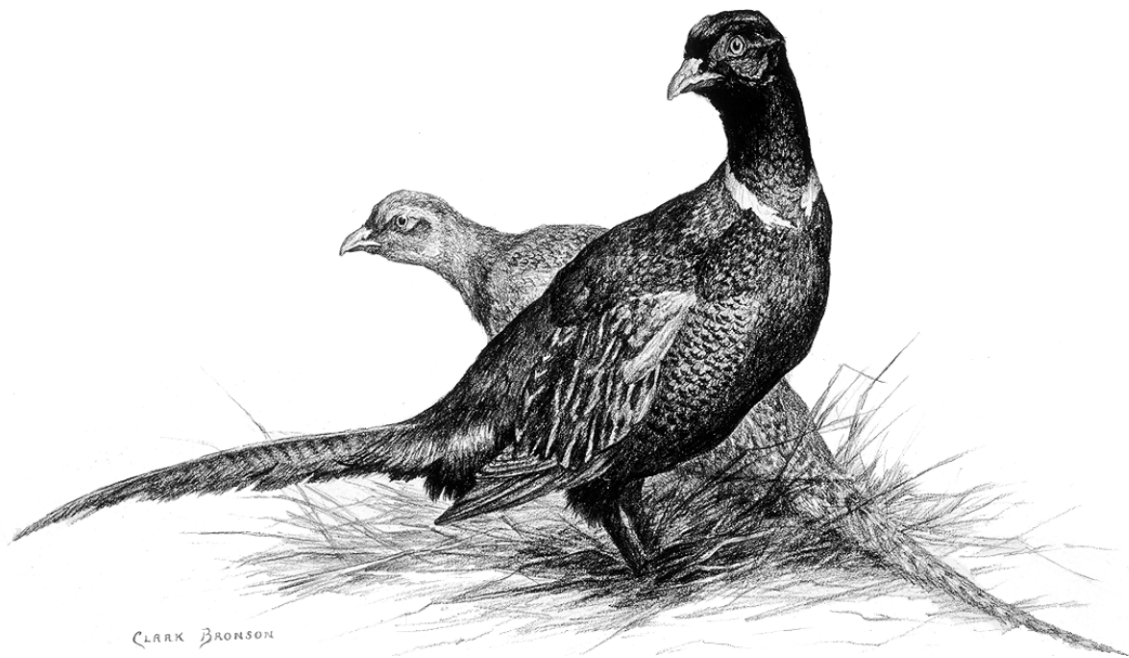
Quail harvest by species, Utah 1962–2014.

Year	California quail		Gambel's quail		Unknown quail		Total harvest
	Harvest	%	Harvest	%	Harvest	%	
1962	16074	85.9	2636	14.1	0	0.0	18710
1963	25366	90.3	2722	9.7	0	0.0	28088
1964	28186	90.4	3003	9.6	0	0.0	31189
1965	16084	91.7	1448	8.3	0	0.0	17532
1966	17700	77.7	5071	22.3	0	0.0	22771
1967	20030	76.5	6157	23.5	0	0.0	26187
1968	18918	66.5	9551	33.5	0	0.0	28469
1969	19931	76.3	6188	23.7	0	0.0	26119
1970	15240	80.7	3656	19.3	0	0.0	18896
1971	15160	71.9	5922	28.1	0	0.0	21082
1972	13494	81.8	3010	18.2	0	0.0	16504
1973	10889	76.0	3435	24.0	0	0.0	14324
1974	9175	76.4	2830	23.6	0	0.0	12005
1975	8719	51.6	8184	48.4	0	0.0	16903
1976	8652	59.9	5802	40.1	0	0.0	14454
1977	6964	73.3	2532	26.7	0	0.0	9496
1978	12629	81.5	2862	18.5	0	0.0	15491
1979	11789	74.5	4032	25.5	0	0.0	15821
1980	6566	56.2	5124	43.8	0	0.0	11690
1981	8045	59.2	5541	40.8	0	0.0	13586
1982	7817	79.2	2053	20.8	0	0.0	9870
1983	8507	75.6	2741	24.4	0	0.0	11248
1984	4446	53.5	3857	46.5	0	0.0	8303
1985	4544	64.4	2507	35.6	0	0.0	7051
1986	3235	70.7	1339	29.3	0	0.0	4574
1987	4388	57.4	3260	42.6	0	0.0	7648
1988	6395	72.3	2454	27.7	0	0.0	8849
1989	4999	67.7	2385	32.3	0	0.0	7384
1990	5021	82.4	1070	17.6	0	0.0	6091
1991	3775	65.4	2000	34.6	0	0.0	5775
1992	5847	86.1	941	13.9	0	0.0	6788
1993	5815	52.0	5377	48.0	0	0.0	11192
1994	4746	60.7	3076	39.3	0	0.0	7822
1995	9272	71.2	3751	28.8	0	0.0	13023
1996	14726	90.1	1625	9.9	0	0.0	16351
1997	7857	83.3	1579	16.7	0	0.0	9436
1998	5606	45.9	6607	54.1	0	0.0	12213
1999	9575	66.4	4847	33.6	0	0.0	14422
2000	9382	66.6	4711	33.4	0	0.0	14093

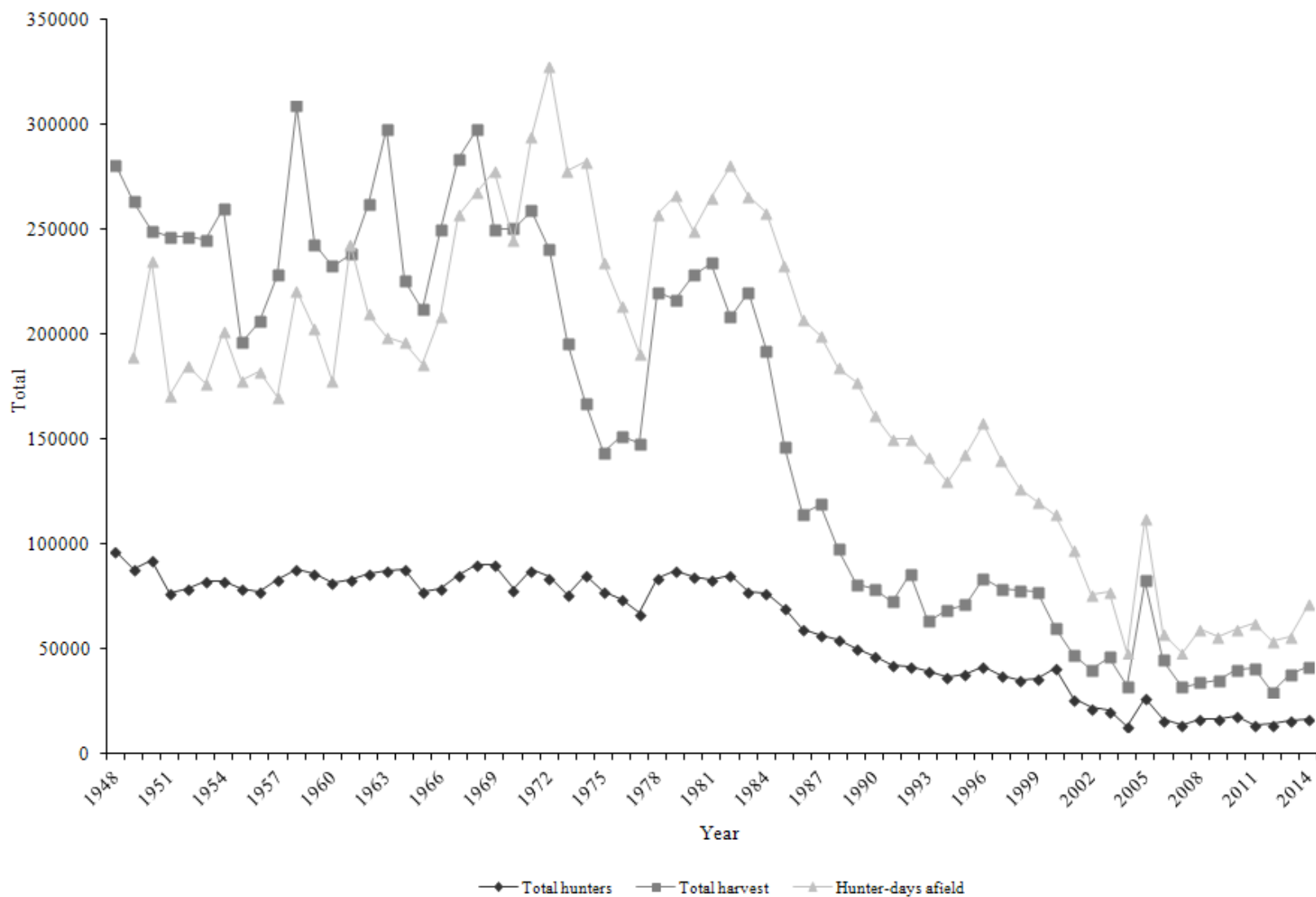
Quail harvest by species, Utah 1962–2014 (cont.).

Year	California quail		Gambel's quail		Unknown quail		Total harvest
	Harvest	%	Harvest	%	Harvest	%	
2001	7433	59.3	5095	40.7	0	0.0	12528
2002	4311	78.3	1197	21.7	0	0.0	5508
2003	6717	72.6	2537	27.4	0	0.0	9254
2004	3768	74.4	1296	25.6	0	0.0	5064
2005	7344	39.2	11412	60.8	0	0.0	18756
2006	13626	71.8	5353	28.2	0	0.0	18979
2007	8595	87.3	1249	12.7	0	0.0	9844
2008	6655	54.7	5509	45.3	0	0.0	12164
2009	4275	63.2	2485	36.8	0	0.0	6760
2010	4427	57.6	3255	42.4	0	0.0	7682
2011	3741	72.6	1410	27.4	0	0.0	5151
2012	5578	77.9	1586	22.1	0	0.0	7164
2013	2626	66.2	1342	33.8	0	0.0	3968
2014	3822	69.0	1426	25.7	294	5.3	5542
Average (1963–2013)	9405	70.9	3646	29.1	—	0.0	13159
% change from previous year	46	4	6	-24	—	—	40
% change from average	-59	-3	-61	-12	—	—	-58

# RING-NECKED PHEASANT



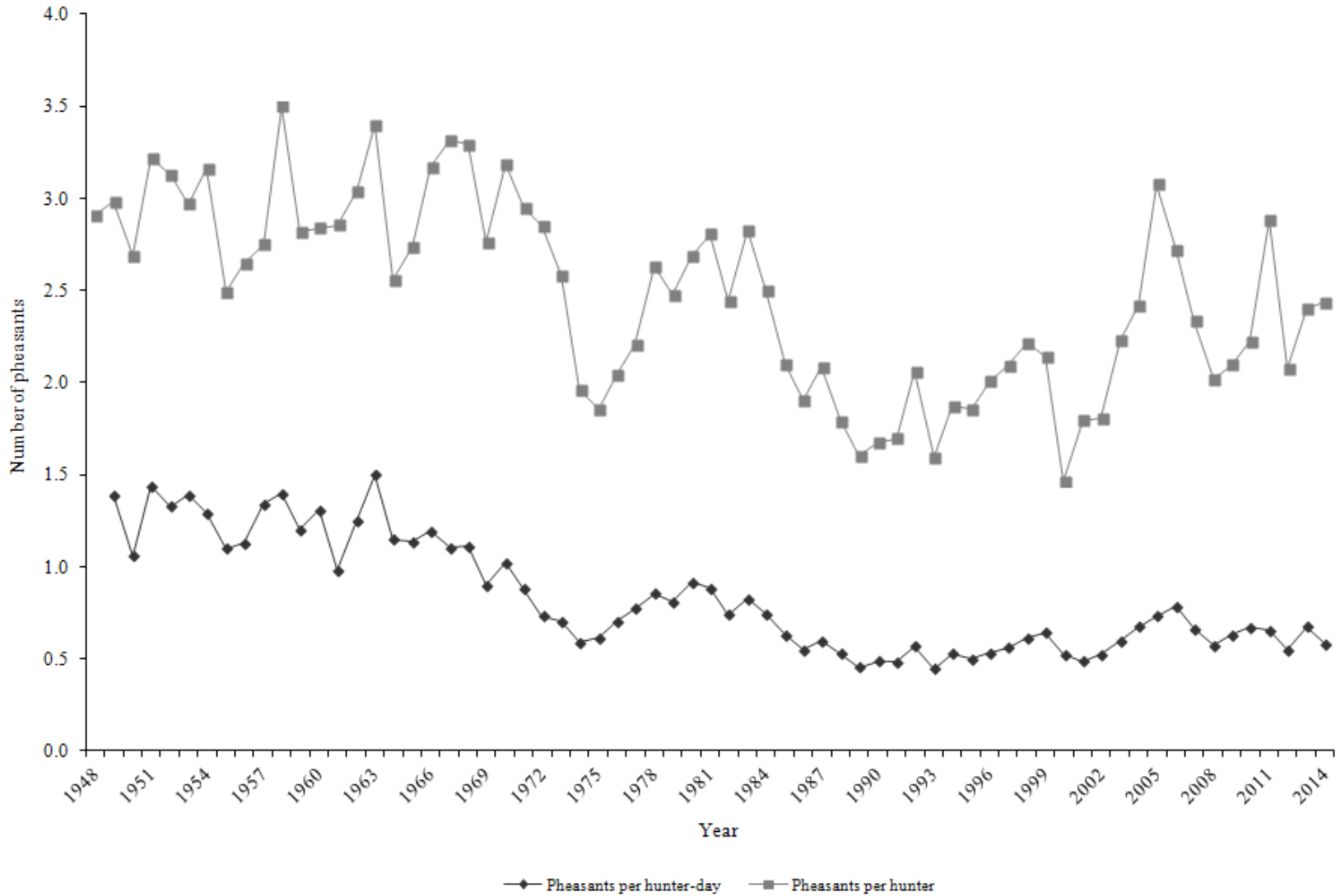
Statewide trends of ring-necked pheasant harvest statistics, Utah 1948–2014.



\*No data available for hunter-days afield in 1948.

\*\*Starting in 2001, harvest data are likely biased high due to hunters reporting harvest from commercial hunting areas.

Statewide trends of ring-necked pheasant hunter success, Utah 1948–2014.



\*No data available for hunter-days afield in 1948.

\*\*Starting in 2001, harvest data are likely biased high due to hunters reporting harvest from commercial hunting areas.

## Ring-necked pheasant harvest statistics by region and county, Utah 2014.

Region and county	n	Hunters afield	Hunter-days afield	Pheasants bagged	Pheasants / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	291	3017	11352	8104	0.7	15.9	19.5
Cache	280	2903	11250	7647	0.7	15.8	18.4
Davis	132	1368	4698	2261	0.5	6.6	5.4
Morgan	2	21	80	0	0.0	0.1	0.0
Rich	1	10	11	0	0.0	0.0	0.0
Summit	2	21	23	25	1.1	0.0	0.1
Weber	201	2084	7940	3125	0.4	11.1	7.5
Regional total	909	9424	35354	21162	0.6	49.6	50.8
Central Region							
Juab	61	632	1854	1050	0.6	2.6	2.5
Salt Lake	25	259	762	581	0.8	1.1	1.4
Sanpete	62	643	2673	1631	0.6	3.7	3.9
Tooele	105	1089	3617	1668	0.5	5.1	4.0
Utah	294	3048	9840	5324	0.5	13.8	12.8
Wasatch	11	114	671	358	0.5	0.9	0.9
Regional total	558	5785	19417	10612	0.5	27.2	25.5
Southern Region							
Beaver	19	197	444	185	0.4	0.6	0.4
Garfield	1	10	46	37	0.8	0.1	0.1
Iron	3	31	91	124	1.4	0.1	0.3
Kane	0	0	—	—	—	0.0	0.0
Millard	61	632	1752	754	0.4	2.5	1.8
Piute	3	31	57	111	1.9	0.1	0.3
Sevier	70	726	2605	1038	0.4	3.7	2.5
Washington	7	73	159	37	0.2	0.2	0.1
Wayne	8	83	216	247	1.1	0.3	0.6
Regional total	172	1783	5370	2533	0.5	7.5	6.1
Northeastern Region							
Daggett	8	83	262	148	0.6	0.4	0.4
Duchesne	79	819	3629	2421	0.7	5.1	5.8
Uintah	60	622	3037	1594	0.5	4.3	3.8
Regional total	147	1524	6928	4163	0.6	9.7	10.0
Southeastern Region							
Carbon	14	145	626	482	0.8	0.9	1.2
Emery	47	487	2753	1791	0.7	3.9	4.3
Grand	4	41	193	99	0.5	0.3	0.2
San Juan	3	31	34	25	0.7	0.0	0.1
Regional total	68	704	3606	2397	0.7	5.1	5.8
Unknown	35	363	671	754	1.1	0.9	1.8
Statewide total*	1647	17074	71345	41619	0.6	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

\*\*Harvest data are likely biased high due to possibility of hunters reporting harvest from commercial hunting areas.

Statewide ring-necked pheasant harvest statistics, Utah 1948–2014.

Year	Total hunters	Total harvest	Hunter-days afield	Pheasants / hunter-day	Pheasants / hunter
1948	96534	280914	—	—	2.9
1949	88369	263340	189453	1.4	3.0
1950	92724	249428	235309	1.1	2.7
1951	76576	246575	171233	1.4	3.2
1952	78773	246559	185383	1.3	3.1
1953	82595	245307	176480	1.4	3.0
1954	82370	260289	201774	1.3	3.2
1955	78793	196195	178359	1.1	2.5
1956	77826	206239	182512	1.1	2.7
1957	83025	228319	170387	1.3	2.8
1958	88290	309015	220725	1.4	3.5
1959	86268	243276	202730	1.2	2.8
1960	81976	232812	177719	1.3	2.8
1961	83493	238439	243305	1.0	2.9
1962	86336	262448	209921	1.3	3.0
1963	87647	297873	198582	1.5	3.4
1964	88242	225775	196314	1.2	2.6
1965	77409	211876	186215	1.1	2.7
1966	78721	249814	209082	1.2	3.2
1967	85664	284000	257033	1.1	3.3
1968	90453	297752	267788	1.1	3.3
1969	90573	250241	277887	0.9	2.8
1970	78585	250503	244958	1.0	3.2
1971	87878	259189	294618	0.9	2.9
1972	84311	240573	327669	0.7	2.9
1973	75968	196012	278033	0.7	2.6
1974	85252	167408	282294	0.6	2.0
1975	77566	143783	234615	0.6	1.9
1976	74029	151476	214023	0.7	2.0
1977	67195	148168	191142	0.8	2.2
1978	83800	220398	257305	0.9	2.6
1979	87462	216700	266245	0.8	2.5
1980	84868	228442	249770	0.9	2.7
1981	83408	234217	265381	0.9	2.8
1982	85368	208437	280624	0.7	2.4
1983	77847	220074	265731	0.8	2.8
1984	76840	192190	258169	0.7	2.5
1985	69889	146807	233328	0.6	2.1

Statewide ring-necked pheasant harvest statistics, Utah 1948–2014 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Pheasants / hunter-day	Pheasants / hunter
1986	59987	114389	207346	0.6	1.9
1987	57118	119236	199470	0.6	2.1
1988	54514	97658	184180	0.5	1.8
1989	50382	80769	177364	0.5	1.6
1990	47025	78944	161634	0.5	1.7
1991	42813	72612	150096	0.5	1.7
1992	41640	85803	150244	0.6	2.1
1993	39640	63336	141399	0.4	1.6
1994	36705	68698	129872	0.5	1.9
1995	38391	71202	142755	0.5	1.9
1996	41854	83987	157755	0.5	2.0
1997	37622	78693	140135	0.6	2.1
1998	35130	77889	126792	0.6	2.2
1999	36211	77545	120502	0.6	2.1
2000	41074	60108	114226	0.5	1.5
2001	26468	47521	97413	0.5	1.8
2002	22149	40048	76178	0.5	1.8
2003	20773	46382	77603	0.6	2.2
2004	13457	32532	48147	0.7	2.4
2005	26864	82671	112532	0.7	3.1
2006	16521	44971	57371	0.8	2.7
2007	13764	32121	48285	0.7	2.3
2008	16936	34189	59449	0.6	2.0
2009	16798	35211	55795	0.6	2.1
2010	18103	40299	59747	0.7	2.2
2011	14188	40899	62150	0.7	2.9
2012	14315	29704	53835	0.6	2.1
2013	15838	38028	56139	0.7	2.4
2014	17074	41619	71345	0.6	2.4
Average (1948–2013)	61200	159490	179239	0.8	2.5
% change from previous year	8	9	27	-14	2
% change from average	-72	-74	-60	-30	-2

\*Previous to 2001, harvest data are likely biased high due to possibility of hunters reporting harvest from commercial hunting areas.

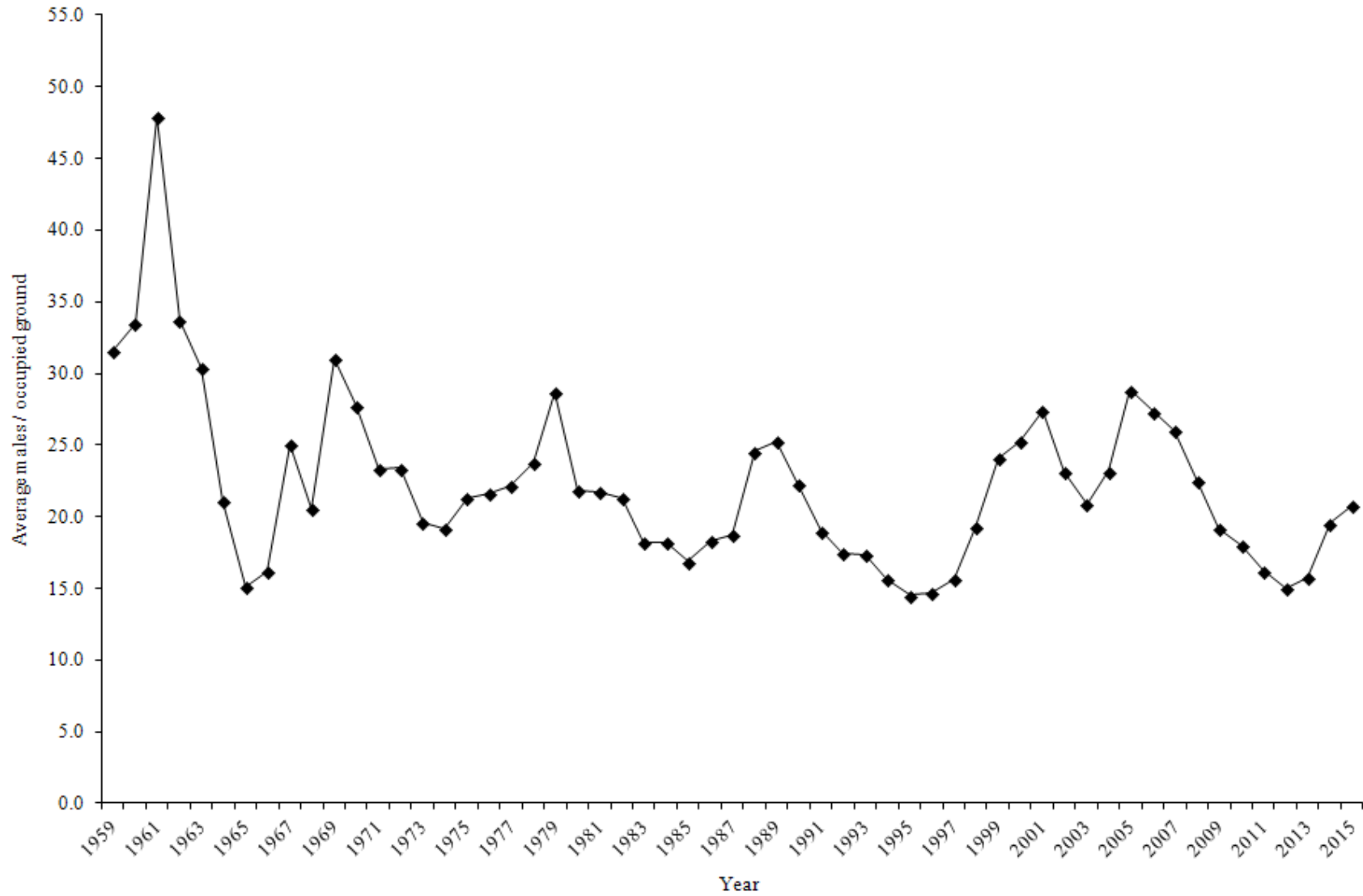


# SAGE-GROUSE (Greater and Gunnison)



CARR BRAYSON

Statewide trends of average greater sage-grouse males per occupied strutting ground, Utah 1959–2015.



Greater sage-grouse strutting ground counts by county for the Northern Region, Utah 2006–2015.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Average (2006–2014)
<b>Box Elder</b>											
Number of strutting grounds visited	86	60	63	63	59	57	86	73	62	74	68
Number of strutting grounds occupied	69	42	44	37	41	35	44	42	44	52	44
Total male grouse counted	1098	915	701	329	395	381	547	577	691	871	626
Average males / occupied ground	15.9	21.8	15.9	8.9	9.6	10.9	12.4	13.7	15.7	16.8	13.9
<b>Cache</b>											
Number of strutting grounds visited	2	3	3	4	4	3	4	0	1	4	3
Number of strutting grounds occupied	2	3	2	3	4	3	4	—	0	3	3
Total male grouse counted	47	53	47	33	86	33	45	—	—	77	49
Average males / occupied ground	23.5	17.7	23.5	11.0	21.5	11.0	11.3	—	—	25.7	17.1
<b>Morgan</b>											
Number of strutting grounds visited	3	4	5	6	7	5	7	5	7	7	5
Number of strutting grounds occupied	1	2	3	4	5	2	5	4	5	5	3
Total male grouse counted	19	34	14	46	68	28	26	25	41	44	33
Average males / occupied ground	19.0	17.0	4.7	11.5	13.6	14.0	5.2	6.3	8.2	8.8	11.0
<b>Rich</b>											
Number of strutting grounds visited	37	36	46	42	46	39	45	35	44	41	41
Number of strutting grounds occupied	32	32	31	31	43	28	32	25	30	28	32
Total male grouse counted	1276	1353	1268	1438	1524	676	553	401	745	913	1026
Average males / occupied ground	39.9	42.3	40.9	46.4	35.4	24.1	17.3	16.0	24.8	32.6	31.9
<b>Summit</b>											
Number of strutting grounds visited	4	5	5	5	4	4	4	3	4	4	4
Number of strutting grounds occupied	4	4	4	4	4	4	4	3	4	4	4
Total male grouse counted	76	68	108	72	108	102	85	63	84	107	85
Average males / occupied ground	19.0	17.0	27.0	18.0	27.0	25.5	21.3	21.0	21.0	26.8	21.9
<b>Northern Region total</b>											
Number of strutting grounds visited	132	108	122	120	120	108	146	116	118	130	121
Number of strutting grounds occupied	108	83	84	79	97	72	89	74	83	92	85
Total male grouse counted	2516	2423	2138	1918	2181	1220	1256	1066	1561	2012	1809
Average males / occupied ground	23.3	29.2	25.5	24.3	22.5	16.9	14.1	14.4	18.8	21.9	21.0

Greater sage-grouse strutting ground counts by county for the Central Region, Utah 2006–2015.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Average (2006–2014)
<b>Juab</b>											
Number of strutting grounds visited	2	3	4	4	4	3	4	4	4	4	4
Number of strutting grounds occupied	1	3	4	4	4	1	3	4	4	4	3
Total male grouse counted	30	40	48	24	16	7	16	28	29	38	26
Average males / occupied ground	30.0	13.3	12.0	6.0	4.0	7.0	5.3	7.0	7.3	9.5	10.2
<b>Sanpete</b>											
Number of strutting grounds visited	—	—	—	—	—	—	—	—	—	—	—
Number of strutting grounds occupied	—	—	—	—	—	—	—	—	—	—	—
Total male grouse counted	—	—	—	—	—	—	—	—	—	—	—
Average males / occupied ground	—	—	—	—	—	—	—	—	—	—	—
<b>Tooele</b>											
Number of strutting grounds visited	10	8	9	8	10	8	9	10	9	9	9
Number of strutting grounds occupied	9	8	6	8	9	6	6	5	5	5	7
Total male grouse counted	244	191	72	97	108	55	53	37	59	58	102
Average males / occupied ground	27.1	23.9	12.0	12.1	12.0	9.2	8.8	7.4	11.8	11.6	13.8
<b>Wasatch</b>											
Number of strutting grounds visited	2	1	2	2	2	3	4	4	4	4	3
Number of strutting grounds occupied	2	1	2	2	2	3	4	4	4	4	3
Total male grouse counted	146	65	69	77	76	85	73	77	116	126	87
Average males / occupied ground	73.0	65.0	34.5	38.5	38.0	28.3	18.3	19.3	29.0	31.5	38.2
<b>Central Region total</b>											
Number of strutting grounds visited	14	12	15	14	16	14	17	18	17	17	15
Number of strutting grounds occupied	12	12	12	14	15	10	13	13	13	13	13
Total male grouse counted	420	296	189	198	200	147	142	142	204	222	215
Average males / occupied ground	35.0	24.7	15.8	14.1	13.3	14.7	10.9	10.9	15.7	17.1	17.2

Greater sage-grouse strutting ground counts by county for the Southern Region, Utah 2006–2015.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Average (2006–2014)
<b>Beaver</b>											
Number of strutting grounds visited	8	8	7	7	7	7	7	8	6	6	7
Number of strutting grounds occupied	4	5	5	5	5	4	5	5	5	4	5
Total male grouse counted	88	126	96	74	48	41	56	50	74	69	73
Average males / occupied ground	22.0	25.2	19.2	14.8	9.6	10.3	11.2	10.0	14.8	17.3	15.2
<b>Garfield</b>											
Number of strutting grounds visited	14	20	19	22	22	22	22	27	28	28	22
Number of strutting grounds occupied	10	13	13	15	11	9	8	15	16	19	12
Total male grouse counted	340	365	411	345	173	186	253	285	376	454	304
Average males / occupied ground	34.0	28.1	31.6	23.0	15.7	20.7	31.6	19.0	23.5	23.9	25.2
<b>Iron</b>											
Number of strutting grounds visited	12	19	17	17	18	19	23	25	27	27	20
Number of strutting grounds occupied	9	16	16	15	17	13	17	19	20	24	16
Total male grouse counted	151	332	293	263	231	173	203	210	281	246	237
Average males / occupied ground	16.8	20.8	18.3	17.5	13.6	13.3	11.9	11.1	14.1	10.3	15.3
<b>Kane</b>											
Number of strutting grounds visited	3	3	3	3	3	3	3	3	3	3	3
Number of strutting grounds occupied	1	1	1	1	1	0	1	1	1	1	1
Total male grouse counted	13	4	3	2	1	—	4	12	11	12	6
Average males / occupied ground	13.0	4.0	3.0	2.0	1.0	—	4.0	12.0	11.0	12.0	6.3
<b>Millard</b>											
Number of strutting grounds visited	—	—	—	—	—	—	—	—	—	—	—
Number of strutting grounds occupied	—	—	—	—	—	—	—	—	—	—	—
Total male grouse counted	—	—	—	—	—	—	—	—	—	—	—
Average males / occupied ground	—	—	—	—	—	—	—	—	—	—	—

Greater sage-grouse strutting ground counts by county for the Southern Region, Utah 2006–2015 (cont.).

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Average (2006–2014)
<b>Piute</b>											
Number of strutting grounds visited	2	4	4	6	5	7	7	7	7	8	5
Number of strutting grounds occupied	2	4	4	6	5	5	6	6	6	7	5
Total male grouse counted	75	126	112	117	70	57	74	82	119	157	92
Average males / occupied ground	37.5	31.5	28.0	19.5	14.0	11.4	12.3	13.7	19.8	22.4	20.9
<b>Sevier</b>											
Number of strutting grounds visited	1	1	1	1	1	1	2	1	2	2	1
Number of strutting grounds occupied	1	1	1	1	1	0	2	1	2	1	1
Total male grouse counted	19	13	15	5	8	—	16	30	21	23	16
Average males / occupied ground	19.0	13.0	15.0	5.0	8.0	—	8.0	30.0	10.5	23.0	13.6
<b>Wayne</b>											
Number of strutting grounds visited	21	25	26	27	27	27	27	29	30	28	27
Number of strutting grounds occupied	20	25	23	23	21	19	17	20	21	19	21
Total male grouse counted	998	1069	805	522	462	516	481	614	742	703	690
Average males / occupied ground	49.9	42.8	35.0	22.7	22.0	27.2	28.3	30.7	35.3	37.0	32.6
<b>Southern Region total</b>											
Number of strutting grounds visited	61	80	77	83	83	86	91	100	103	102	85
Number of strutting grounds occupied	47	65	63	66	61	50	56	67	71	75	61
Total male grouse counted	1684	2035	1735	1328	993	973	1087	1283	1624	1664	1416
Average males / occupied ground	35.8	31.3	27.5	20.1	16.3	19.5	19.4	19.1	22.9	22.2	23.6

Greater sage-grouse strutting ground counts by county for the Northeastern Region, Utah 2006–2015.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Average (2006–2014)
<b>Daggett</b>											
Number of strutting grounds visited	12	12	14	12	12	12	12	12	13	12	12
Number of strutting grounds occupied	12	9	7	7	6	6	7	5	7	10	7
Total male grouse counted	286	200	87	54	68	44	52	48	93	148	104
Average males / occupied ground	23.8	22.2	12.4	7.7	11.3	7.3	7.4	9.6	13.3	14.8	12.8
<b>Duchesne</b>											
Number of strutting grounds visited	16	21	16	15	19	20	20	15	17	15	18
Number of strutting grounds occupied	11	11	6	7	7	7	8	9	12	12	9
Total male grouse counted	137	151	102	86	106	106	140	140	206	219	130
Average males / occupied ground	12.5	13.7	17.0	12.3	15.1	15.1	17.5	15.6	17.2	18.3	15.1
<b>Uintah</b>											
Number of strutting grounds visited	44	44	42	45	42	43	50	57	60	65	47
Number of strutting grounds occupied	35	29	23	21	20	18	29	38	43	50	28
Total male grouse counted	634	478	272	233	241	218	389	557	849	1085	430
Average males / occupied ground	18.1	16.5	11.8	11.1	12.1	12.1	13.4	14.7	19.7	21.7	14.4
<b>Wasatch</b>											
Number of strutting grounds visited	2	3	2	2	3	2	3	2	3	5	2
Number of strutting grounds occupied	1	0	0	1	0	1	3	2	3	5	1
Total male grouse counted	3	—	—	2	—	10	15	18	39	45	15
Average males / occupied ground	3.0	—	—	2.0	—	10.0	5.0	9.0	13.0	9.0	7.0
<b>Northeastern Region total</b>											
Number of strutting grounds visited	74	80	74	74	76	77	85	86	93	97	80
Number of strutting grounds occupied	59	49	36	36	33	32	47	54	65	77	46
Total male grouse counted	1060	829	461	375	415	378	596	763	1187	1497	674
Average males / occupied ground	18.0	16.9	12.8	10.4	12.6	11.8	12.7	14.1	18.3	19.4	14.2

Greater sage-grouse strutting ground counts by county for the Southeastern Region, Utah 2006–2015.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Average (2006–2014)
<b>Carbon</b>											
Number of strutting grounds visited	19	18	17	18	18	21	19	18	18	21	18
Number of strutting grounds occupied	13	12	12	13	11	11	9	10	10	15	11
Total male grouse counted	223	223	173	188	119	115	118	139	156	260	162
Average males / occupied ground	17.2	18.6	14.4	14.5	10.8	10.5	13.1	13.9	15.6	17.3	14.3
<b>Emery</b>											
Number of strutting grounds visited	3	2	2	2	3	3	2	3	2	3	2
Number of strutting grounds occupied	2	2	2	1	1	0	2	1	1	2	1
Total male grouse counted	32	15	19	5	11	—	12	15	22	44	16
Average males / occupied ground	16.0	7.5	9.5	5.0	11.0	—	6.0	15.0	22.0	22.0	11.5
<b>Sevier</b>											
Number of strutting grounds visited	1	1	1	2	1	2	2	2	2	2	2
Number of strutting grounds occupied	1	1	1	2	1	2	1	1	2	2	1
Total male grouse counted	30	12	17	18	37	29	27	33	26	27	25
Average males / occupied ground	30.0	12.0	17.0	9.0	37.0	14.5	27.0	33.0	13.0	13.5	21.4
<b>Utah</b>											
Number of strutting grounds visited	0	1	0	0	1	3	3	3	3	4	2
Number of strutting grounds occupied	—	0	—	—	1	3	2	2	3	2	2
Total male grouse counted	—	—	—	—	3	60	53	47	71	57	47
Average males / occupied ground	—	—	—	—	3.0	20.0	26.5	23.5	23.7	28.5	19.3
<b>Southeastern Region total</b>											
Number of strutting grounds visited	23	22	20	22	23	29	26	26	25	30	24
Number of strutting grounds occupied	16	15	15	16	14	16	14	14	16	21	15
Total male grouse counted	285	250	209	211	170	204	210	234	275	388	228
Average males / occupied ground	17.8	16.7	13.9	13.2	12.1	12.8	15.0	16.7	17.2	18.5	15.0



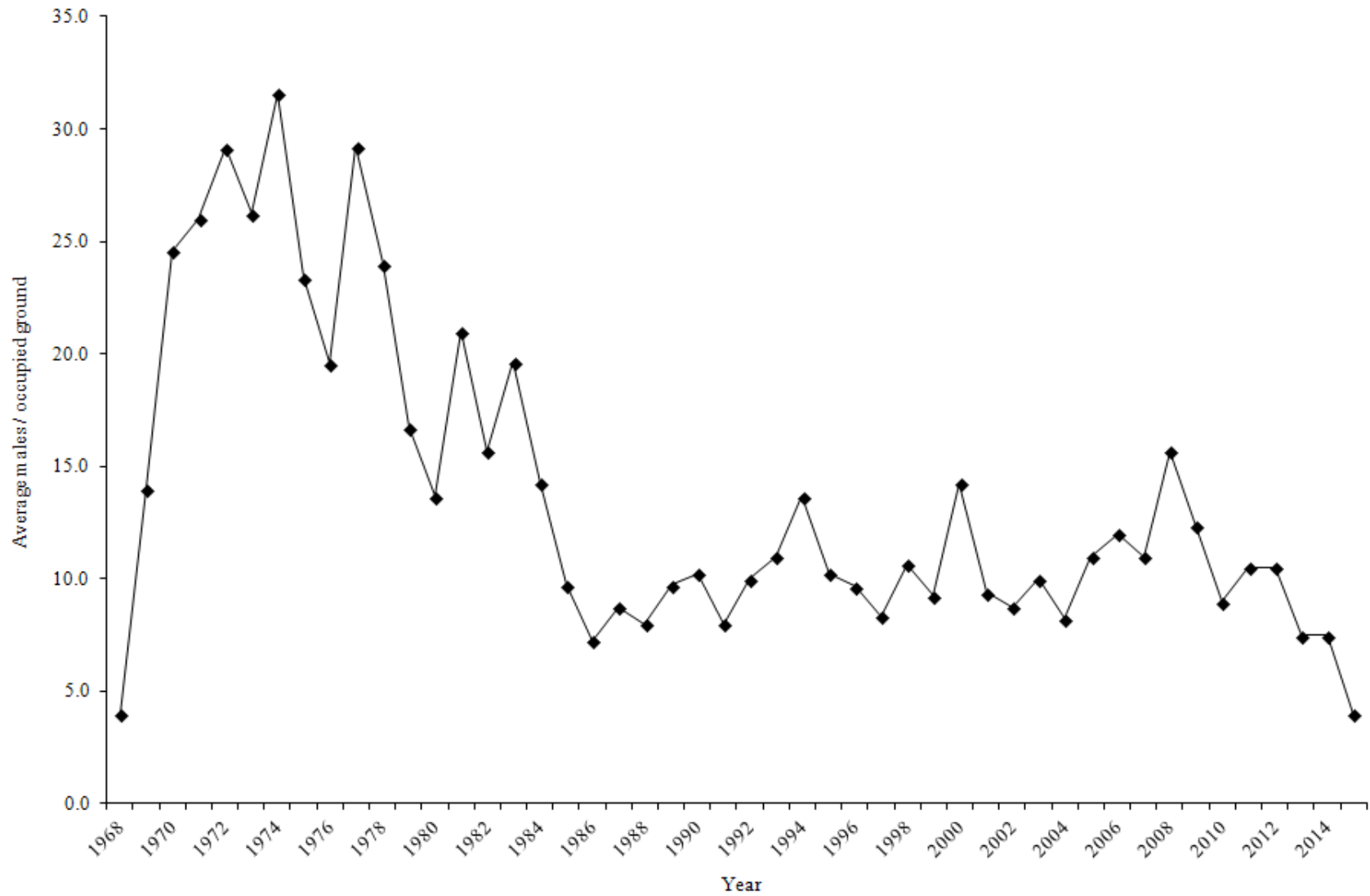
Statewide trends of greater sage-grouse strutting ground counts, Utah 1959–2015.

Year	Number of grounds visited	Number of occupied grounds	Total male grouse counted	Average male grouse / occupied ground
1959	14	14	442	31.6
1960	16	16	536	33.5
1961	13	13	623	47.9
1962	13	13	438	33.7
1963	19	19	578	30.4
1964	14	14	296	21.1
1965	15	15	227	15.1
1966	20	19	307	16.2
1967	45	39	978	25.1
1968	63	55	1131	20.6
1969	82	76	2356	31.0
1970	98	92	2555	27.8
1971	119	98	2289	23.4
1972	122	104	2434	23.4
1973	109	89	1745	19.6
1974	145	122	2345	19.2
1975	125	102	2176	21.3
1976	128	112	2420	21.6
1977	157	135	2991	22.2
1978	135	110	2611	23.7
1979	124	96	2757	28.7
1980	111	83	1811	21.8
1981	168	124	2695	21.7
1982	113	92	1958	21.3
1983	130	103	1879	18.2
1984	57	40	728	18.2
1985	133	99	1672	16.9
1986	113	92	1685	18.3
1987	115	94	1765	18.8
1988	175	102	2506	24.6
1989	138	104	2630	25.3
1990	152	118	2626	22.3
1991	136	122	2320	19.0
1992	118	99	1728	17.5
1993	84	68	1182	17.4
1994	114	84	1318	15.7
1995	91	65	945	14.5
1996	142	96	1410	14.7
1997	166	108	1693	15.7
1998	160	109	2101	19.3
1999	172	117	2821	24.1

Statewide trends of greater sage-grouse strutting ground counts, Utah 1959–2015 (cont.).

Year	Number of grounds visited	Number of occupied grounds	Total male grouse counted	Average male grouse / occupied ground
2000	183	138	3489	25.3
2001	171	120	3285	27.4
2002	225	138	3196	23.2
2003	226	159	3327	20.9
2004	243	183	4244	23.2
2005	243	185	5337	28.8
2006	280	218	5965	27.4
2007	302	224	5833	26.0
2008	308	210	4732	22.5
2009	312	210	4030	19.2
2010	318	220	3959	18.0
2011	314	180	2922	16.2
2012	365	219	3291	15.0
2013	345	221	3488	15.8
2014	356	248	4851	19.6
2015	376	278	5783	20.8
Average (1959–2014)	149.2	109.7	2351.0	22.3

Statewide trends of average Gunnison sage-grouse males per occupied strutting ground, Utah 1959–2015.



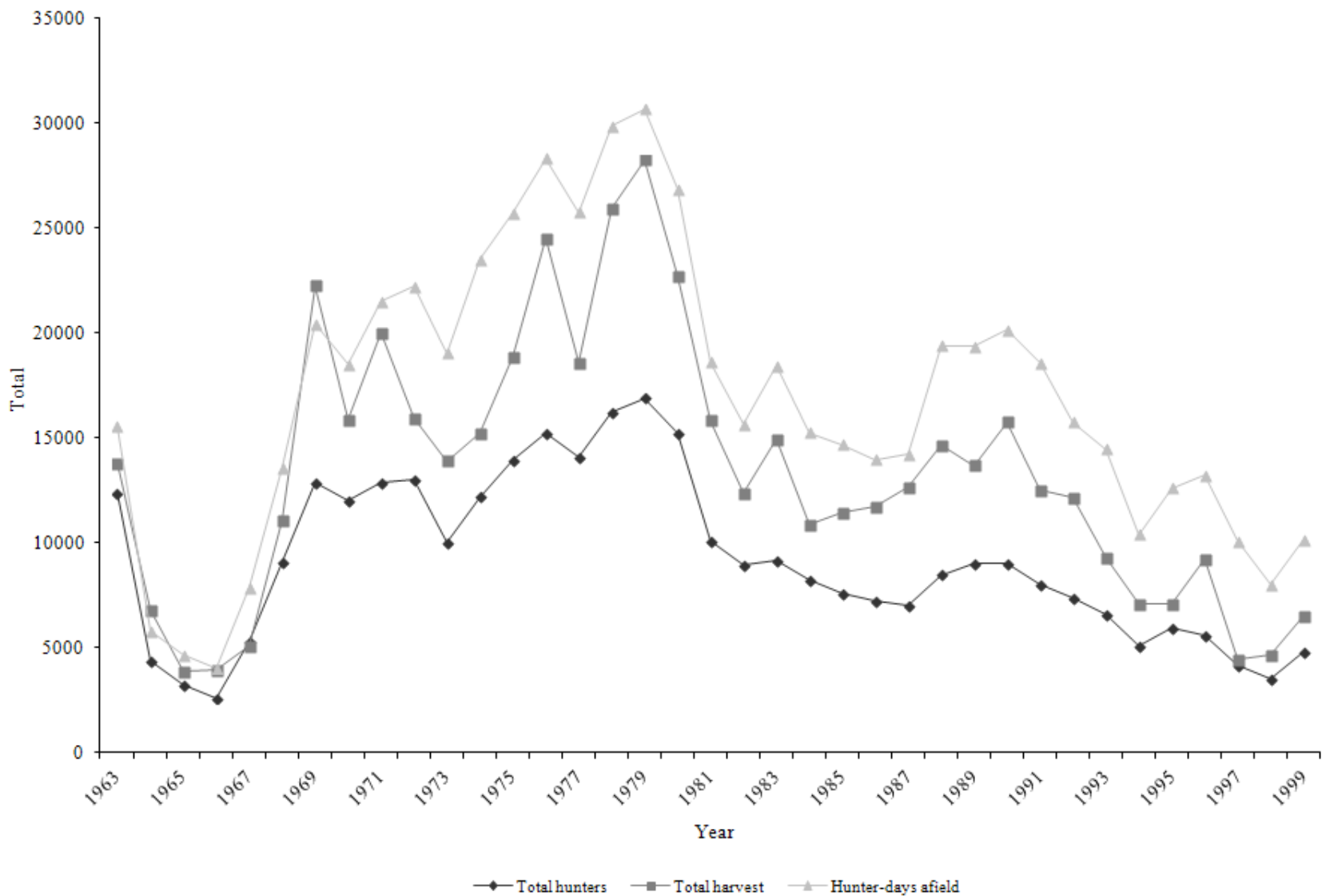
Statewide trends of Gunnison sage-grouse strutting ground counts, Utah 1968–2015.

Year	Number of grounds visited	Number of occupied grounds	Total male grouse counted	Average male grouse / occupied ground
1968	2	2	8	4.0
1969	3	3	42	14.0
1970	6	5	123	24.6
1971	6	6	156	26.0
1972	6	6	175	29.2
1973	6	4	105	26.3
1974	6	5	158	31.6
1975	6	5	117	23.4
1976	6	5	98	19.6
1977	5	4	117	29.3
1978	5	4	96	24.0
1979	4	4	67	16.8
1980	5	3	41	13.7
1981	4	3	63	21.0
1982	4	3	47	15.7
1983	4	3	59	19.7
1984	4	4	57	14.3
1985	4	4	39	9.8
1986	4	4	29	7.3
1987	4	4	35	8.8
1988	4	4	32	8.0
1989	4	4	39	9.8
1990	4	4	41	10.3
1991	4	4	32	8.0
1992	4	4	40	10.0
1993	4	4	44	11.0
1994	4	3	41	13.7
1995	4	4	41	10.3
1996	4	3	29	9.7
1997	4	3	25	8.3
1998	4	3	32	10.7
1999	5	4	37	9.3
2000	5	4	57	14.3
2001	5	5	47	9.4
2002	5	4	35	8.8
2003	5	3	30	10.0
2004	5	4	33	8.3
2005	5	3	33	11.0
2006	4	2	24	12.0
2007	5	4	44	11.0
2008	5	3	47	15.7

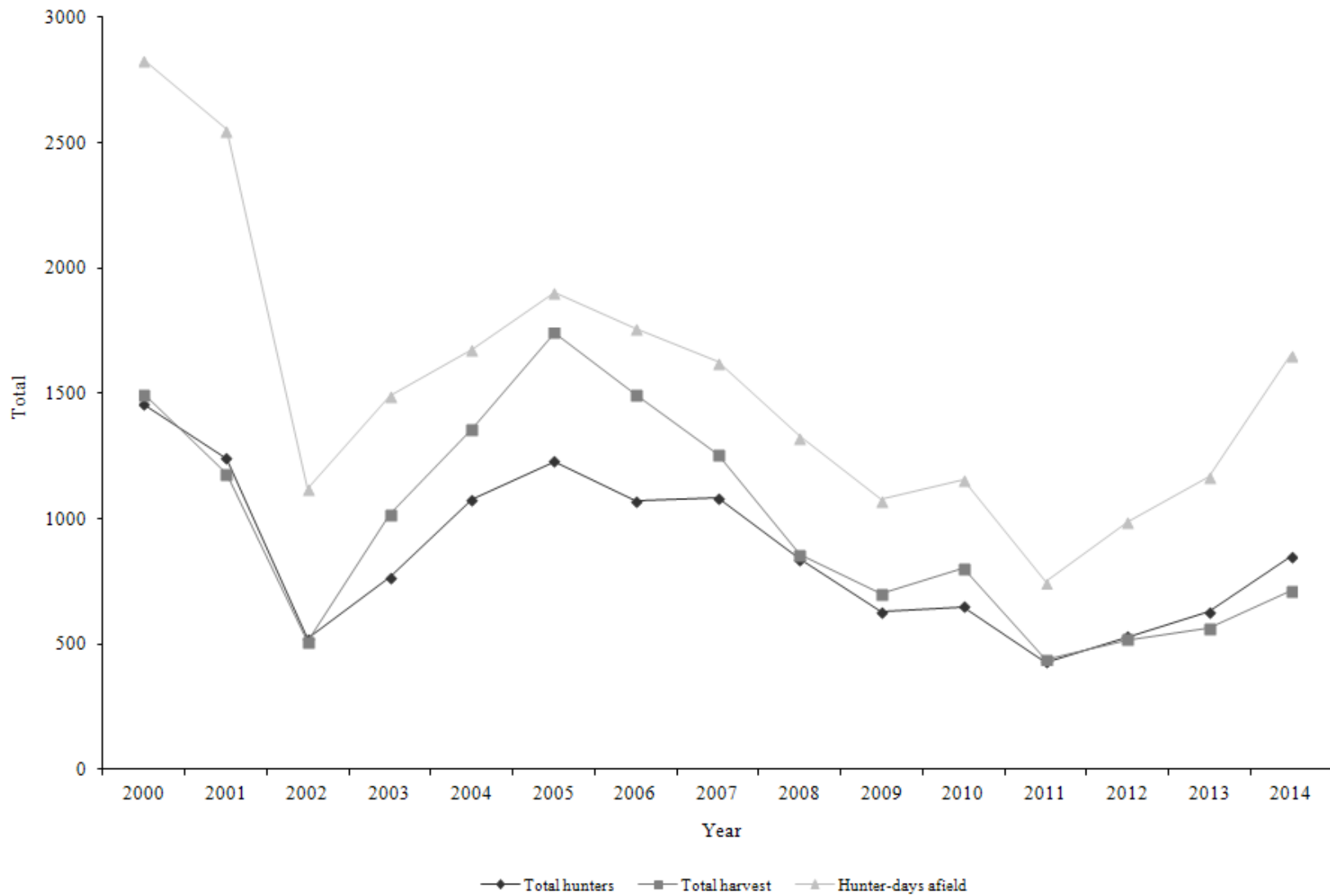
Statewide trends of Gunnison sage-grouse strutting ground counts, Utah 1968–2015(cont.).

Year	Number of grounds visited	Number of occupied grounds	Total male grouse counted	Average male grouse / occupied ground
2009	4	3	37	12.3
2010	4	2	18	9.0
2011	4	2	21	10.5
2012	4	2	21	10.5
2013	4	2	15	7.5
2014	4	2	15	7.5
2015	4	3	12	4.0
Average (1959–2014)	4.5	3.6	54.1	13.9

Statewide trends of Greater sage-grouse harvest statistics, Utah 1963–1999.

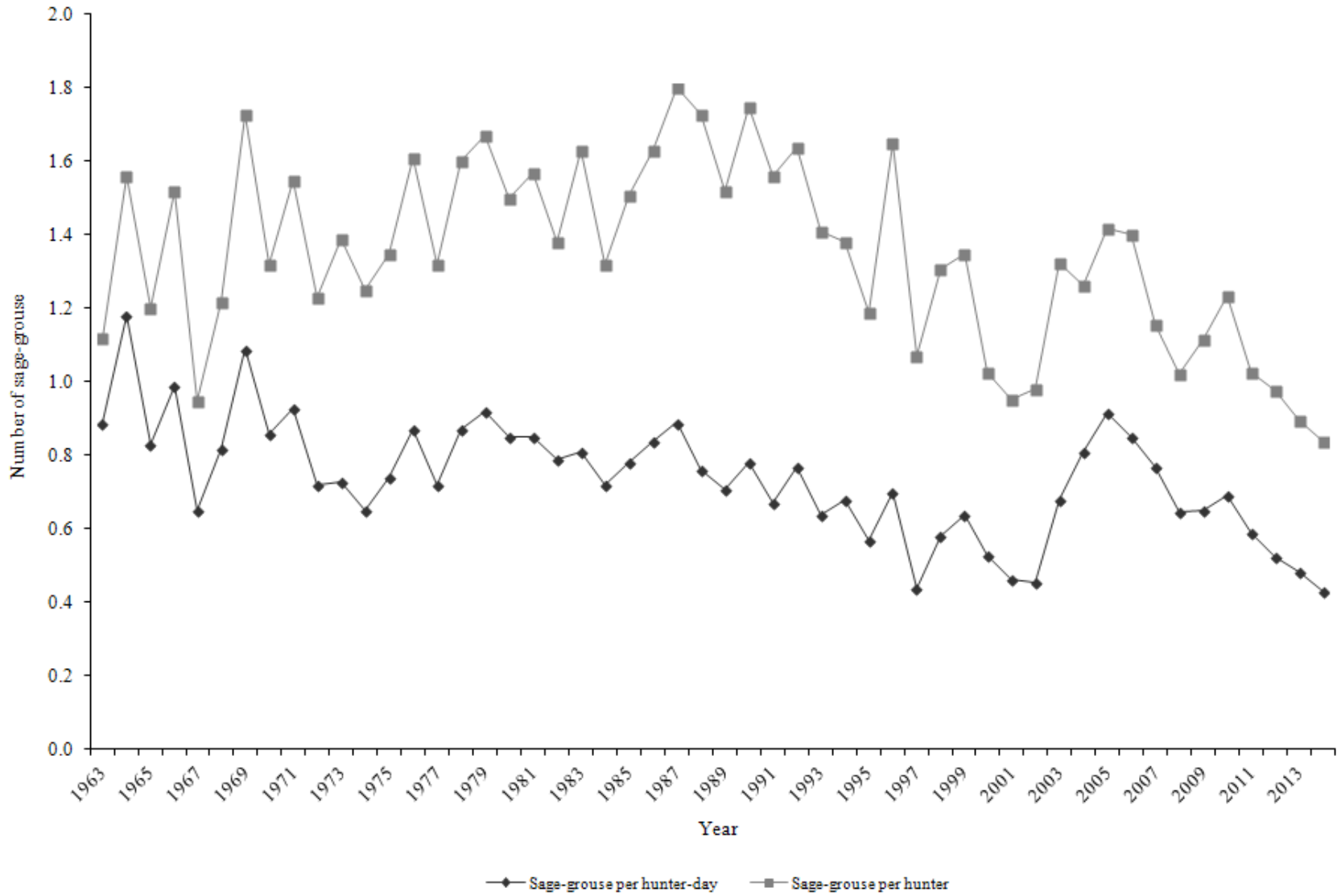


Statewide trends of Greater sage-grouse harvest statistics, Utah 2000–2014.



\*Beginning in 2000, a special permit was required to hunt sage-grouse, and permits were limited beginning in 2002.

Statewide trends of Greater sage-grouse hunter success, Utah 1963–2014.



\*Beginning in 2000, a special permit was required to hunt sage-grouse, and permits were limited beginning in 2002.



Greater sage-grouse harvest statistics by hunt unit, Utah 2014.

Hunt number	Hunt unit	Total permits	n	Hunters afield	Grouse bagged	Hunter-days afield	Grouse / hunter-day	Grouse / hunter	Percent success*
9000	Diamond/Blue Mountain	161	112	116	164	225	0.7	1.4	77.8
9001	Parker Mountain	343	159	276	296	412	0.7	1.1	59.4
9002	Rich	312	163	230	149	445	0.3	0.7	38.3
9003	West Box Elder	383	173	230	104	575	0.2	0.5	26.9
	Statewide total	1199	607	852	713	1657	0.4	0.9	49.2

\*Hunters could harvest 2 birds. Hunters were considered successful if they harvested at least 1 bird.

Statewide Greater sage-grouse harvest statistics, Utah 1951–2014.

Year	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter-day	Grouse / hunter
1951	840	2458	—	—	2.9
1952	678	2230	—	—	3.3
1953	895	2581	—	—	2.9
1954	802	2510	—	—	3.1
1955	579	1742	—	—	3.0
1956	495	1375	—	—	3.0
1957	470	1303	—	—	2.8
1958	567	1797	—	—	3.2
1959	699	1875	—	—	2.7
1960	861	2246	—	—	2.6
1961*	1078	1918	—	—	1.8
1962**	2382	5352	5097	1.1	1.9
1963	12366	13793	15564	0.9	1.1
1964	4362	6827	5807	1.2	1.6
1965	3243	3881	4673	0.8	1.2
1966	2612	3962	4006	1.0	1.5
1967	5336	5089	7860	0.7	1.0
1968	9115	11109	13601	0.8	1.2
1969	12894	22282	20466	1.1	1.7
1970	12036	15877	18506	0.9	1.3
1971	12893	20013	21509	0.9	1.6
1972	13040	15983	22232	0.7	1.2
1973	10017	13926	19049	0.7	1.4
1974	12214	15215	23516	0.7	1.3
1975	13996	18916	25720	0.7	1.4
1976	15283	24541	28342	0.9	1.6
1977	14078	18615	25759	0.7	1.3
1978	16231	25938	29861	0.9	1.6
1979	16927	28280	30682	0.9	1.7
1980	15219	22770	26893	0.9	1.5
1981	10083	15857	18617	0.9	1.6
1982	8997	12383	15663	0.8	1.4
1983	9201	14949	18467	0.8	1.6
1984	8283	10921	15266	0.7	1.3
1985	7586	11466	14702	0.8	1.5

The number of sage-grouse hunters and consequently harvest was limited by permits available from 1951–1962.

\*Harvest numbers were estimated in 1961.

\*\*Totals and indices are based on indiscrete data.

Statewide Greater sage-grouse harvest statistics, Utah 1951–2014 (cont.).

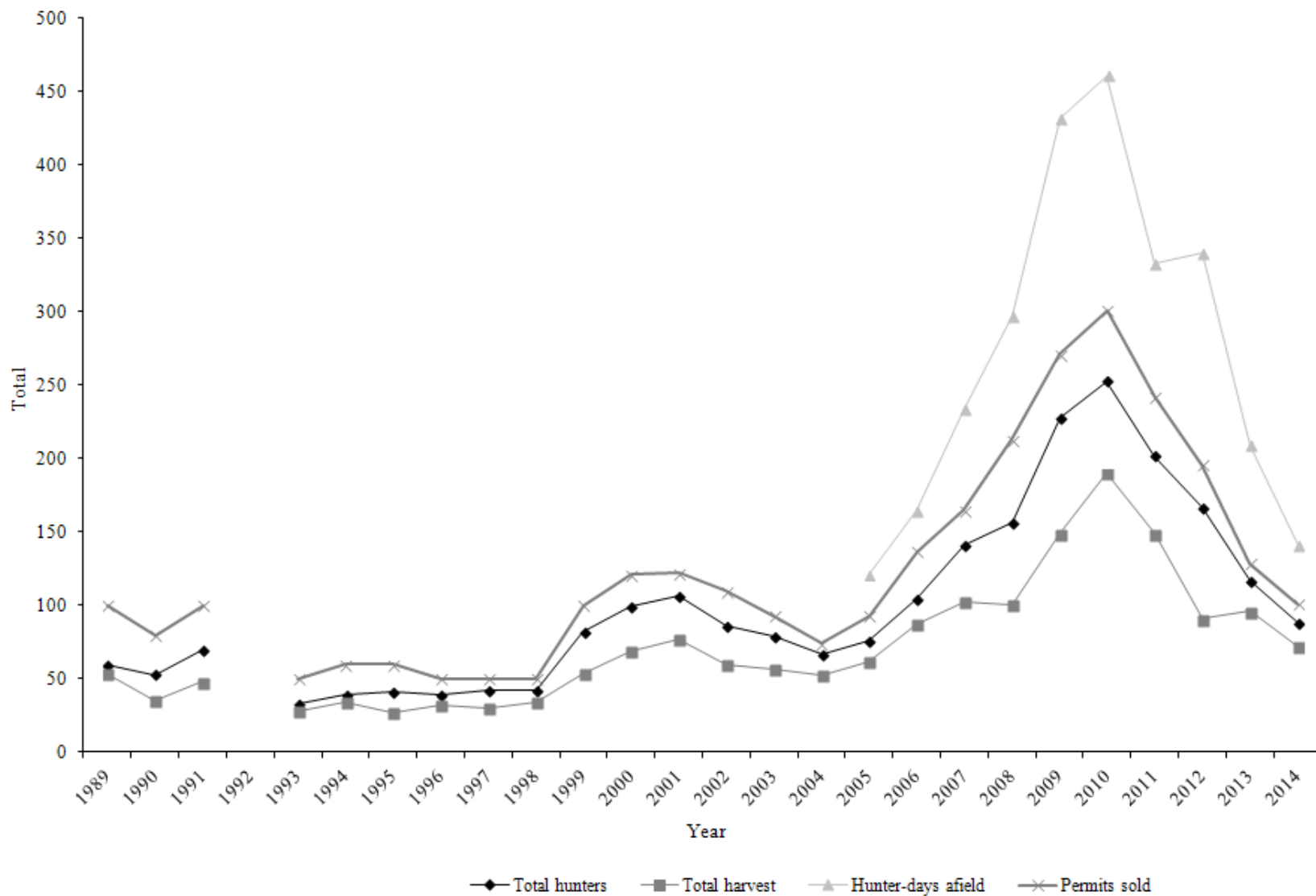
Year	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter-day	Grouse / hunter
1986	7233	11766	13992	0.8	1.6
1987	7060	12673	14242	0.9	1.8
1988	8499	14692	19418	0.8	1.7
1989	9002	13710	19373	0.7	1.5
1990	9014	15784	20147	0.8	1.8
1991	8018	12542	18596	0.7	1.6
1992	7393	12156	15781	0.8	1.6
1993	6594	9311	14480	0.6	1.4
1994	5133	7084	10406	0.7	1.4
1995	5987	7133	12615	0.6	1.2
1996	5574	9220	13215	0.7	1.7
1997	4178	4489	10101	0.4	1.1
1998	3559	4676	8003	0.6	1.3
1999	4830	6503	10161	0.6	1.4
2000*	1456	1497	2829	0.5	1.0
2001	1242	1182	2552	0.5	1.0
2002	521	511	1120	0.5	1.0
2003	767	1017	1494	0.7	1.3
2004	1077	1361	1677	0.8	1.3
2005	1231	1744	1904	0.9	1.4
2006	1070	1498	1762	0.9	1.4
2007	1083	1255	1627	0.8	1.2
2008	838	857	1327	0.6	1.0
2009	628	702	1077	0.7	1.1
2010	650	802	1156	0.7	1.2
2011	429	441	749	0.6	1.0
2012	530	519	992	0.5	1.0
2013	631	565	1171	0.5	0.9
2014	852	713	1657	0.4	0.8
Average (1951–2013)	5724	8503	12574	0.8	1.6
% change from previous year	35	26	42	-11	-7
% change from average	-85	-92	-87	-43	-49

\*Beginning in 2000, a special permit was required to hunt sage-grouse, and permits were limited beginning in 2002.

# SANDHILL CRANE

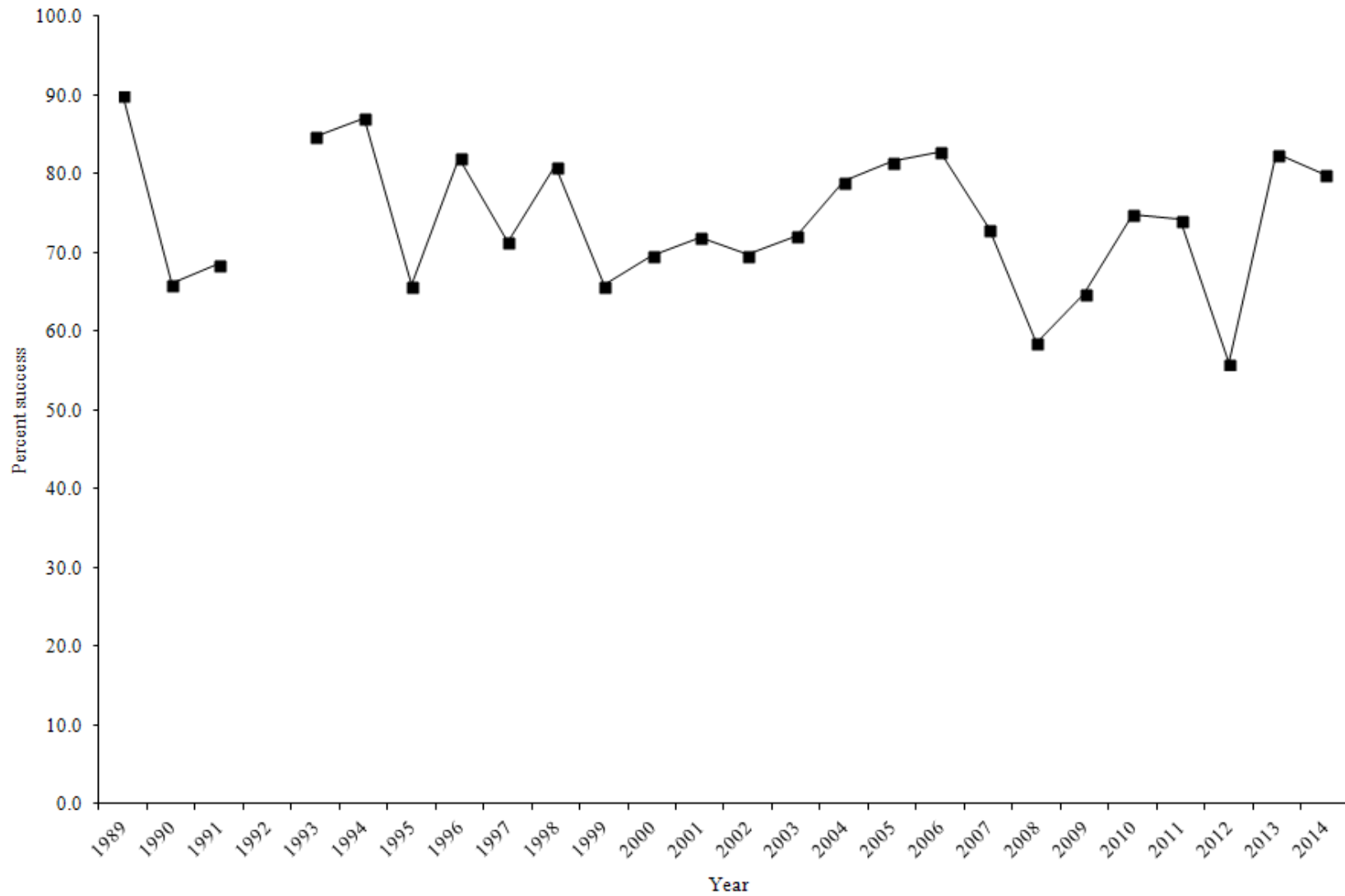


Statewide trends of sandhill crane harvest statistics, Utah 1989–2014.



\* No permits were issued in 1992.

Statewide trends of sandhill crane hunter success, Utah 1989–2014.



\*No permits were issued in 1992.

Sandhill crane harvest statistics by hunt area, Utah 2014.

Hunt number	Hunt unit	Total permits	n	Hunters afield	Adult harvest	Young harvest	Unknown harvest	Total harvest	Hunter-days afield	Crane / hunter-day	Percent success
9201	Cache	30	22	30	20	3	0	23	57	0.4	77.3
9200	East Box Elder	30	20	27	20	3	0	23	39	0.6	83.3
9202	Rich	5	3	3	3	0	0	3	3	1.0	100.0
9203	Uintah (early)	12	7	10	3	5	0	9	13	0.7	83.3
9204	Uintah (mid)	12	7	10	5	3	0	9	12	0.8	83.3
9205	Uintah (late)	12	9	8	4	1	0	5	17	0.3	66.7
	Total	101	68	88	55	15	0	72	141	0.5	80.0

Statewide sandhill crane harvest statistics, Utah 1989–2014.

Year	Permits sold	Total hunters	Adult harvest	Young harvest	Total harvest	Hunter-days afield	Crane / hunter-day	Percent success
1989	100	60	49	5	54	—	—	90.0
1990	80	53	30	5	35	—	—	66.0
1991	100	70	44	4	48	—	—	68.6
1992	0	0	0	0	0	—	—	0.0
1993	50	33	26	2	28	—	—	84.8
1994	60	39	31	3	34	—	—	87.2
1995	60	41	26	1	27	—	—	65.9
1996	50	39	27	5	32	—	—	82.1
1997	50	42	27	3	30	—	—	71.4
1998	50	42	29	5	34	—	—	81.0
1999	100	82	47	7	54	—	—	65.9
2000	121	99	62	7	69	—	—	69.7
2001	122	107	70	7	77	—	—	72.0
2002	110	86	53	7	60	—	—	69.8
2003	93	79	50	7	57	—	—	72.2
2004	74	67	48	5	53	—	—	79.1
2005	93	76	54	8	62	121	0.5	81.6
2006	137	105	75	12	87	165	0.5	82.9
2007	165	141	94	9	103	234	0.4	73.0
2008	213	157	91	9	101*	297	0.3	58.6
2009	271	228	128	19	149**	432	0.3	64.8
2010	301	253	164	26	190	461	0.4	74.9
2011	242	202	123	26	149	333	0.4	74.2
2012	196	167	79	9	91***	340	0.3	56.0
2013	129	117	86	7	96***	209	0.5	82.6
2014	101	88	55	15	72	141	0.5	80.0
Average (1989–2013)	124	99	63	8	72	288	0.4	73.9
% change from previous year	-22	-25	-36	114	-25	-33	11	-3
% change from average	-18	-11	-13	82	0	-51	23	8

\* One crane of unknown age

\*\* Two cranes of unknown age

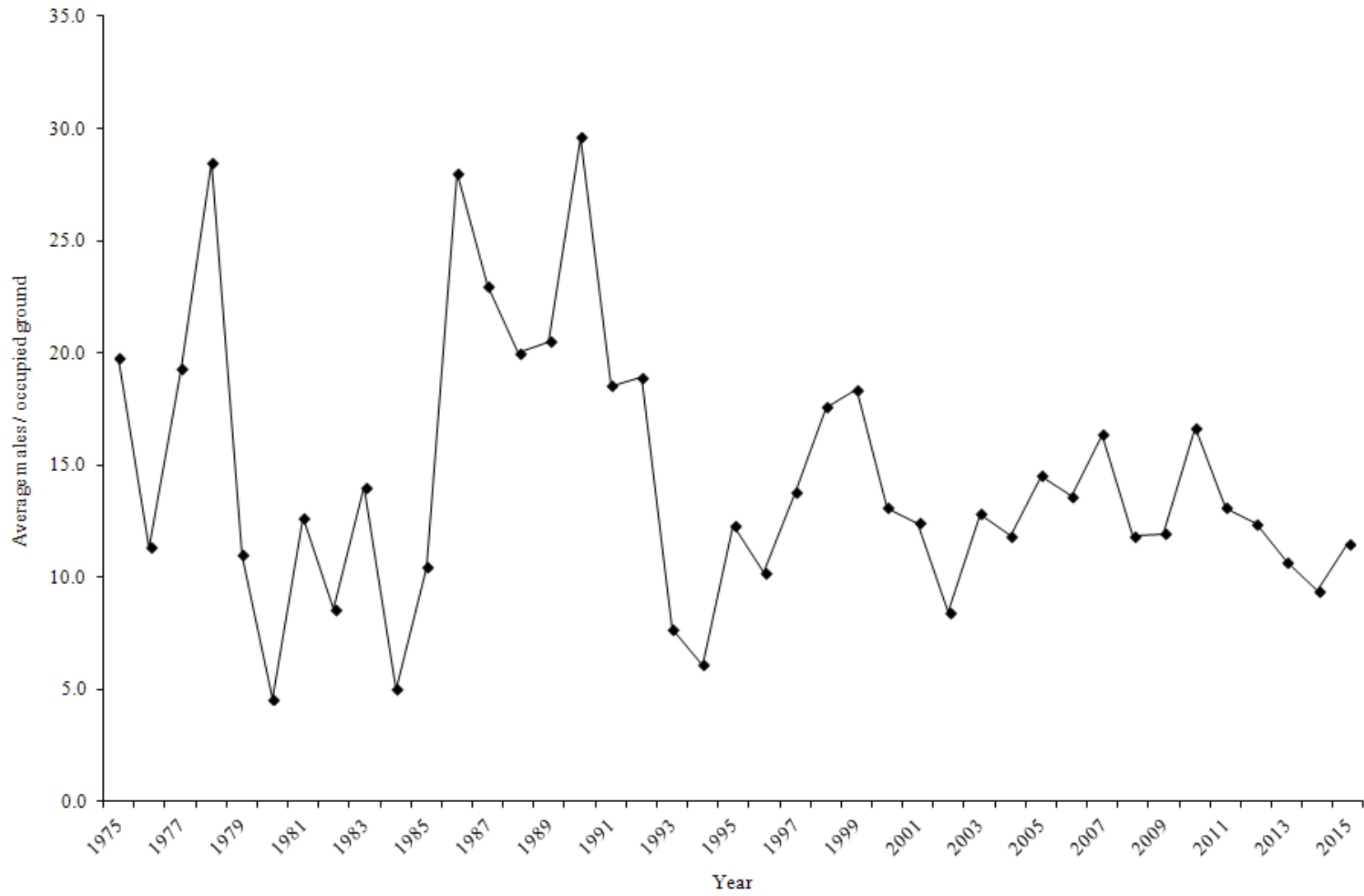
\*\*\* Three cranes of unknown age



# SHARP-TAILED GROUSE



Statewide trends of average sharp-tailed grouse males per occupied strutting ground, Utah 1975–2015.



Strutting ground counts of sharp-tailed grouse by county, Utah 2006–2015.

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Average (2006–2014)
<b>Antelope Island</b>											
Number of strutting grounds visited	—	—	—	—	—	1	1	1	1	1	1
Number of strutting grounds occupied	—	—	—	—	—	1	1	1	1	1	1
Total male grouse counted	—	—	—	—	—	7	5	5	7	8	6
Average males / occupied grounds	—	—	—	—	—	7.0	5.0	5.0	7.0	8.0	6.0
<b>Box Elder</b>											
Number of strutting grounds visited	52	56	45	72	63	58	61	62	56	57	58
Number of strutting grounds occupied	38	39	31	38	42	40	41	34	24	27	36
Total male grouse counted	468	604	373	449	660	500	503	348	216	283	458
Average males / occupied grounds	12.3	15.5	12.0	11.8	15.7	12.5	12.3	10.2	9.0	10.5	12.4
<b>Cache</b>											
Number of strutting grounds visited	21	19	22	19	13	9	12	11	9	10	15
Number of strutting grounds occupied	13	9	7	8	6	6	5	6	9	9	8
Total male grouse counted	227	182	85	109	122	83	79	88	104	124	120
Average males / occupied grounds	17.5	20.2	12.1	13.6	20.3	13.8	15.8	14.7	11.6	13.8	15.5
<b>Morgan</b>											
Number of strutting grounds visited	1	—	2	1	2	1	—	2	1	—	1
Number of strutting grounds occupied	1	—	1	1	2	1	—	2	1	—	1
Total male grouse counted	13	—	4	3	53	45	—	17	4	—	20
Average males / occupied grounds	13.0	—	4.0	3.0	26.5	45.0	—	8.5	4.0	—	14.9
<b>Weber</b>											
Number of strutting grounds visited	—	—	—	—	1	1	1	1	1	1	1
Number of strutting grounds occupied	—	—	—	—	1	1	1	1	1	1	1
Total male grouse counted	—	—	—	—	15	8	9	11	7	22	10
Average males / occupied grounds	—	—	—	—	15.0	8.0	9.0	11.0	7.0	22.0	10.0
<b>Statewide total</b>											
Number of strutting grounds visited	74	75	69	92	79	70	75	77	68	69	75
Number of strutting grounds occupied	52	48	39	47	51	49	48	44	36	38	46
Total male grouse counted	708	786	462	561	850	643	596	469	338	437	601
Average males / occupied grounds	13.6	16.4	11.8	11.9	16.7	13.1	12.4	10.7	9.4	11.5	12.9

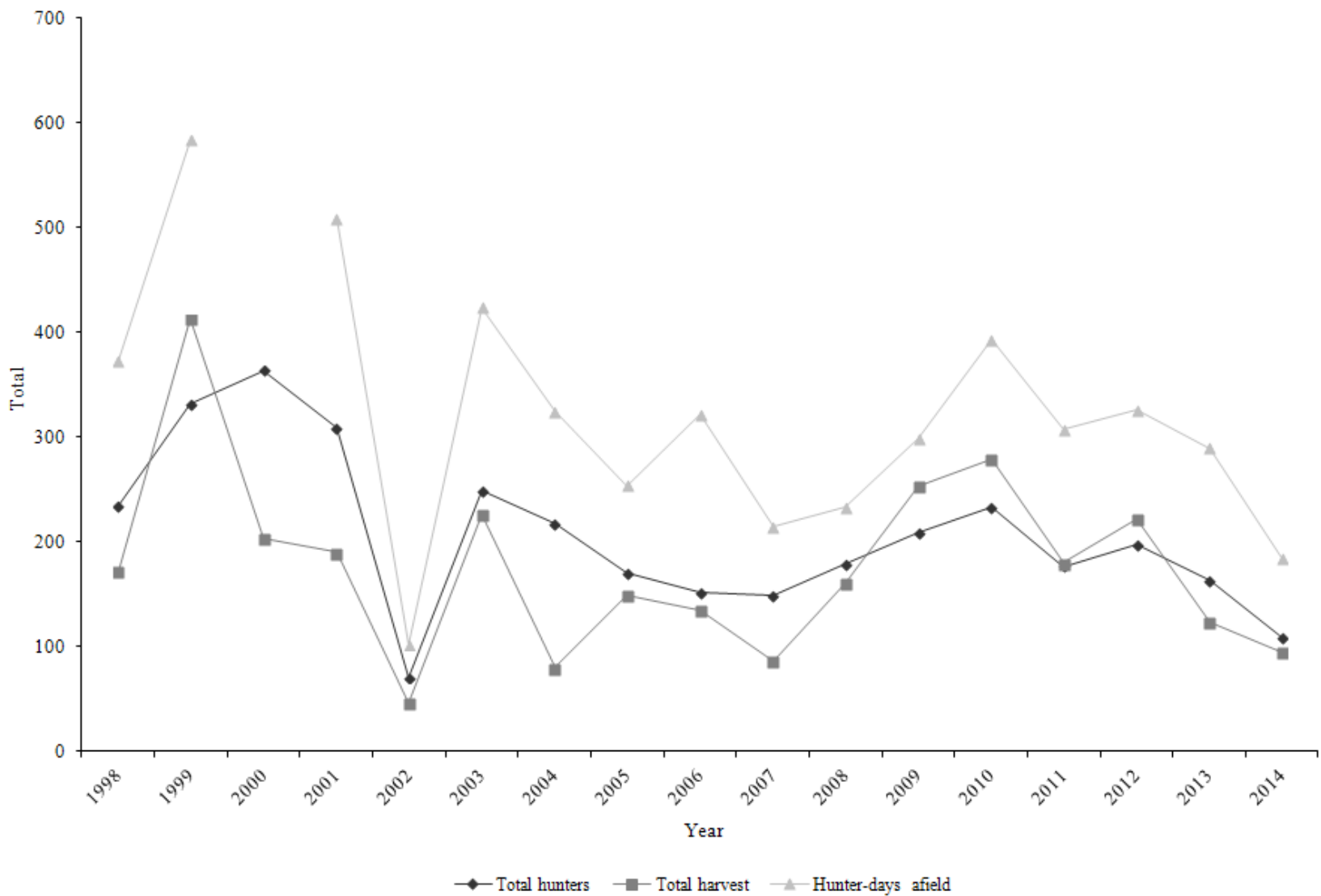
Statewide trends of sharp-tailed grouse strutting ground counts, Utah 1975–2015.

Year	Number of grounds visited	Number of occupied grounds	Total male grouse counted	Average male grouse / occupied ground
1975	4	4	79	19.8
1976	4	3	34	11.3
1977	8	7	135	19.3
1978	8	8	228	28.5
1979	17	17	187	11.0
1980	17	16	73	4.6
1981	15	15	190	12.7
1982	15	12	103	8.6
1983	7	7	98	14.0
1984	7	4	20	5.0
1985	9	9	94	10.4
1986	9	8	224	28.0
1987	10	10	230	23.0
1988	10	10	200	20.0
1989	10	10	205	20.5
1990	10	10	296	29.6
1991	26	26	482	18.5
1992	20	20	378	18.9
1993	14	14	108	7.7
1994	19	19	116	6.1
1995	12	3	37	12.3
1996	22	9	92	10.2
1997	8	5	69	13.8
1998	28	22	387	17.6
1999	45	42	772	18.4
2000	51	37	485	13.1
2001	43	21	261	12.4
2002	41	28	236	8.4
2003	76	49	628	12.8
2004	89	67	793	11.8
2005	78	58	842	14.5
2006	74	52	708	13.6
2007	75	48	786	16.4
2008	69	39	462	11.8
2009	92	47	561	11.9
2010	79	51	850	16.7
2011	70	49	643	13.1
2012	75	48	596	12.4

Statewide trends of sharp-tailed grouse strutting ground counts, Utah 1975–2015 (cont.).

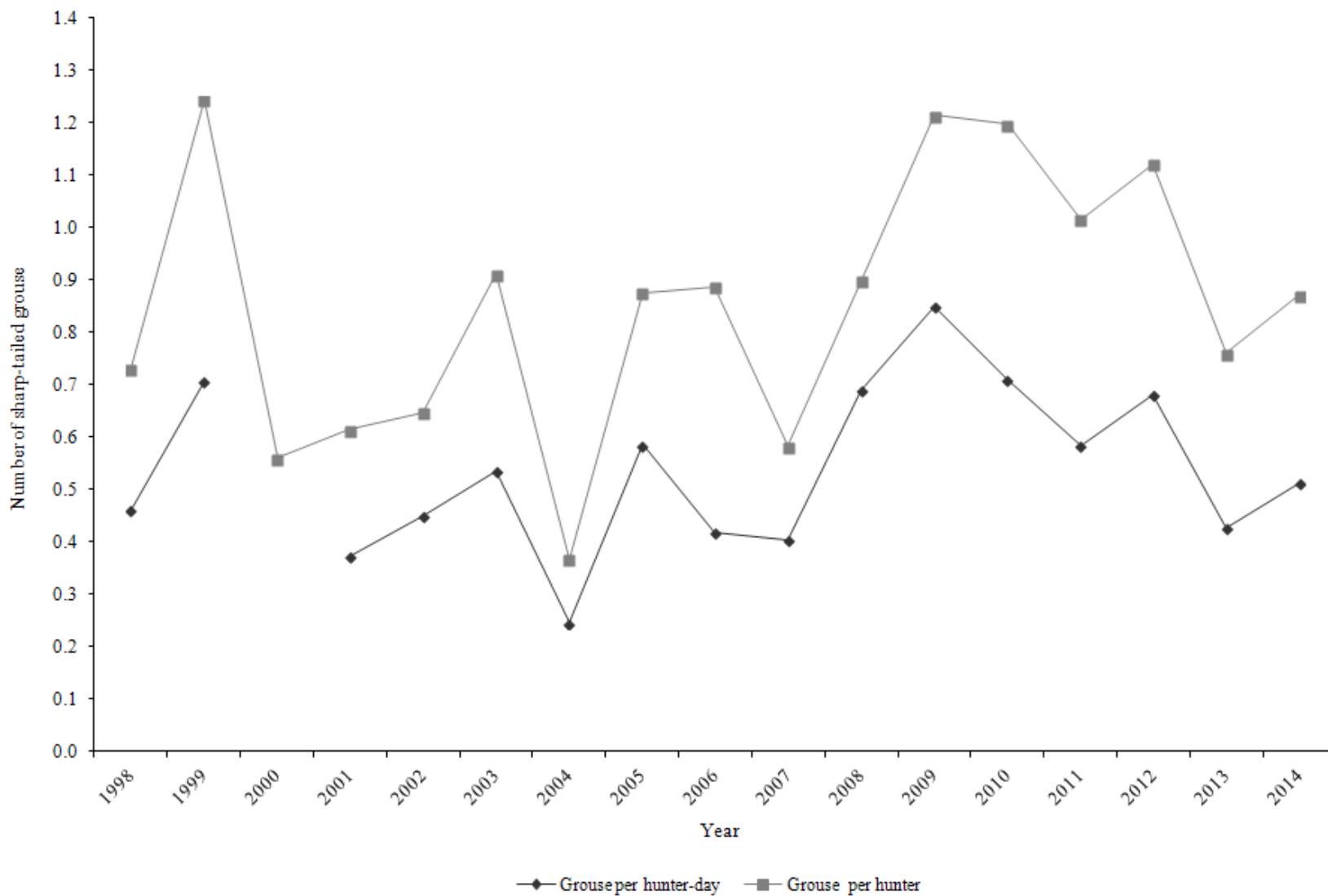
Year	Number of grounds visited	Number of occupied grounds	Total male grouse counted	Average male grouse / occupied ground
2013	77	44	469	10.7
2014	68	36	338	9.4
2015	69	38	437	11.5
Average (1975–2014)	35.3	24.6	337.4	14.5

Statewide trends of sharp-tailed grouse harvest statistics, Utah 1998–2014.



\*Hunter-days afield data was not collected in 2000.

Statewide trends of sharp-tailed grouse hunter success, Utah 1998–2014.



\*Hunter-days afield data was not collected in 2000.

Sharp-tailed grouse harvest statistics by hunt area, Utah 2014.

Hunt number	Hunt unit	Total permits	n	Hunters afield	Grouse bagged	Hunter-days afield	Grouse / hunter-day	Grouse / hunter	Percent success*
9100	Box Elder	138	88	77	53	115	0.5	0.7	42.9
9101	Cache	52	41	32	42	70	0.6	1.3	72.0
	Total*	190	129	109	95	185	0.5	0.9	52.7

\*Hunters could harvest 2 birds. Hunters were considered successful if they harvested at least 1 bird.

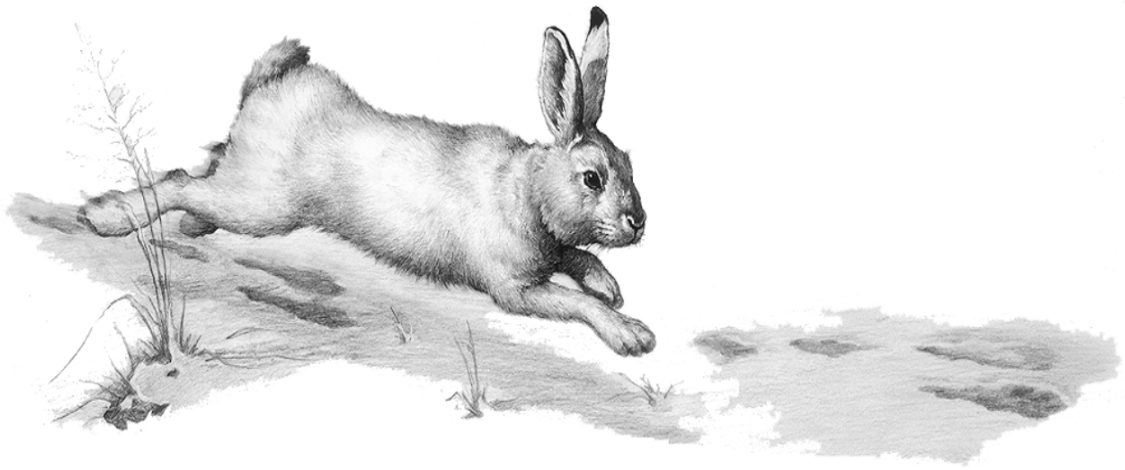


Statewide sharp-tailed grouse harvest statistics, Utah 1998–2014.

Year	Permits sold	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter-day	Grouse / hunter
1998	378	235	172	373	0.5	0.7
1999	381	332	413	584	0.7	1.2
2000	663	364	204	—	—	0.6
2001	673	309	190	509	0.4	0.6
2002	143	71	46	102	0.5	0.6
2003	427	249	227	424	0.5	0.9
2004	350	218	80	325	0.2	0.4
2005	339	170	149	254	0.6	0.9
2006	329	152	135	322	0.4	0.9
2007	351	149	87	215	0.4	0.6
2008	318	179	161	233	0.7	0.9
2009	324	209	254	299	0.8	1.2
2010	333	233	279	393	0.7	1.2
2011	282	177	180	308	0.6	1.0
2012	319	198	222	326	0.7	1.1
2013	243	163	124	290	0.4	0.8
2014	190	109	95	185	0.5	0.9
Average (1998–2013)	366	213	183	330	0.5	0.9
% change from previous year	-22	-33	-23	-36	20	15
% change from average	-48	-49	-48	-44	-5	2

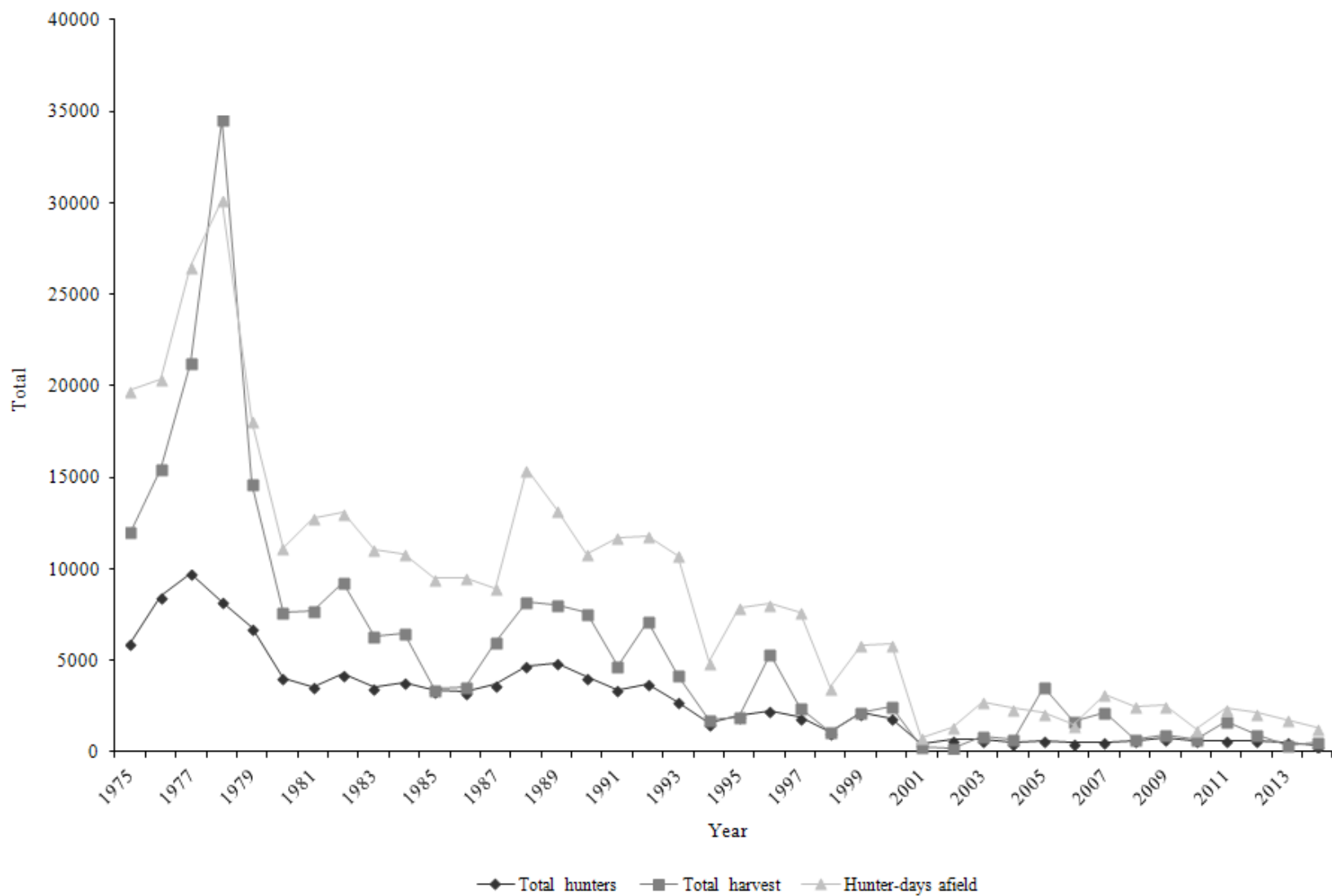
\*Hunter-days afield data was not collected in 2000.

# SNOWSHOE HARE

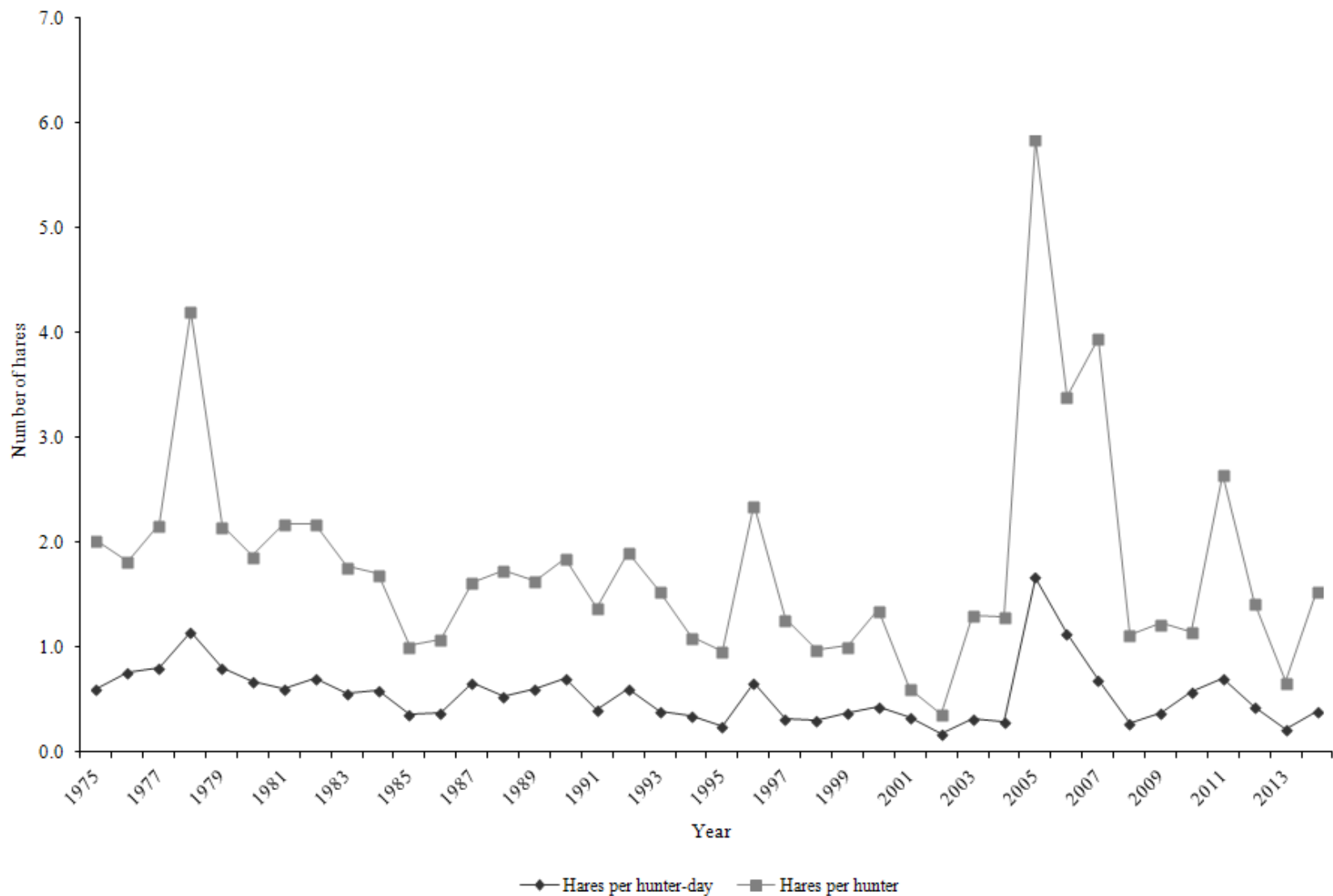


CLARK BRONSON

Statewide trends of snowshoe hare harvest statistics, Utah 1975–76 to 2014–15.



Statewide trends of snowshoe hare hunter success, Utah 1975–76 to 2014–15.



Snowshoe hare harvest statistics by region and county, Utah 2014–15.

Region and county	n	Hunters afield	Hunter-days afield	Hares bagged	Hares / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	8	48	112	188	1.7	8.4	35.3
Cache	3	18	17	0	0.0	1.3	0.0
Davis	2	12	17	5	0.3	1.3	1.0
Morgan	3	18	101	73	0.7	7.6	13.7
Rich	3	18	101	42	0.4	7.6	7.8
Summit	5	30	218	26	0.1	16.4	4.9
Weber	0	0	—	—	—	0.0	0.0
Regional total	24	144	566	334	0.6	42.4	62.7
Central Region							
Juab	0	0	—	—	—	0.0	0.0
Salt Lake	0	0	—	—	—	0.0	0.0
Sanpete	3	18	67	10	0.1	5.0	2.0
Tooele	1	6	11	0	0.0	0.8	0.0
Utah	4	24	22	10	0.5	1.7	2.0
Wasatch	6	36	101	10	0.1	7.6	2.0
Regional total	14	84	201	30	0.1	15.1	5.9
Southern Region							
Beaver	1	6	39	0	0.0	2.9	0.0
Garfield	1	6	11	0	0.0	0.8	0.0
Iron	1	6	28	5	0.2	2.1	1.0
Kane	1	6	6	5	0.8	0.4	1.0
Millard	0	0	—	—	—	0.0	0.0
Piute	0	0	—	—	—	0.0	0.0
Sevier	5	30	129	16	0.1	9.7	2.9
Washington	0	0	—	—	—	0.0	0.0
Wayne	1	6	34	0	0.0	2.5	0.0
Regional total	10	60	247	26	0.1	18.5	4.9
Northeastern Region							
Daggett	2	12	17	5	0.3	1.3	1.0
Duchesne	4	24	34	16	0.5	2.5	2.9
Uintah	7	42	252	110	0.4	18.9	20.6
Regional total	13	78	303	131	0.4	22.7	24.5
Southeastern Region							
Carbon	1	6	17	10	0.6	1.3	2.0
Emery	0	0	—	—	—	0.0	0.0
Grand	0	0	—	—	—	0.0	0.0
San Juan	0	0	—	—	—	0.0	0.0
Regional total	1	6	17	10	0.6	1.3	2.0
Unknown	0	0	—	—	—	0.0	0.0
Statewide total*	58	345	1333	533	0.4	100.0	100.0

\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

Statewide snowshoe hare harvest statistics, Utah 1975–76 to 2014–15.

Year	Total hunters	Total harvest	Hunter-days afield	Hares / hunter-day	Hares / hunter
1975–76	5961	12072	19770	0.6	2.0
1976–77	8502	15500	20367	0.8	1.8
1977–78	9752	21232	26535	0.8	2.2
1978–79	8205	34535	30155	1.1	4.2
1979–80	6787	14641	18115	0.8	2.2
1980–81	4048	7603	11140	0.7	1.9
1981–82	3554	7750	12782	0.6	2.2
1982–83	4245	9257	13073	0.7	2.2
1983–84	3544	6302	11088	0.6	1.8
1984–85	3796	6455	10840	0.6	1.7
1985–86	3365	3429	9494	0.4	1.0
1986–87	3277	3544	9541	0.4	1.1
1987–88	3702	6005	8947	0.7	1.6
1988–89	4725	8231	15444	0.5	1.7
1989–90	4895	8006	13233	0.6	1.6
1990–91	4095	7593	10825	0.7	1.9
1991–92	3427	4731	11742	0.4	1.4
1992–93	3732	7144	11836	0.6	1.9
1993–94	2755	4237	10774	0.4	1.5
1994–95	1565	1722	4922	0.3	1.1
1995–96	1983	1924	7891	0.2	1.0
1996–97	2276	5365	8106	0.7	2.4
1997–98	1912	2431	7628	0.3	1.3
1998–99	1093	1070	3536	0.3	1.0
1999–00	2139	2173	5831	0.4	1.0
2000–01	1855	2526	5879	0.4	1.4
2001–02	417	256	768	0.3	0.6
2002–03	658	240	1348	0.2	0.4
2003–04	686	897	2747	0.3	1.3
2004–05	525	681	2377	0.3	1.3
2005–06	612	3580	2142	1.7	5.8
2006–07	496	1683	1485	1.1	3.4
2007–08	550	2175	3149	0.7	4.0
2008–09	619	696	2489	0.3	1.1
2009–10	766	944	2532	0.4	1.2
2010–11	631	726	1243	0.6	1.2
2011–12	634	1682	2368	0.7	2.7

Statewide snowshoe hare harvest statistics, Utah 1975–76 to 2014–15 (cont.).

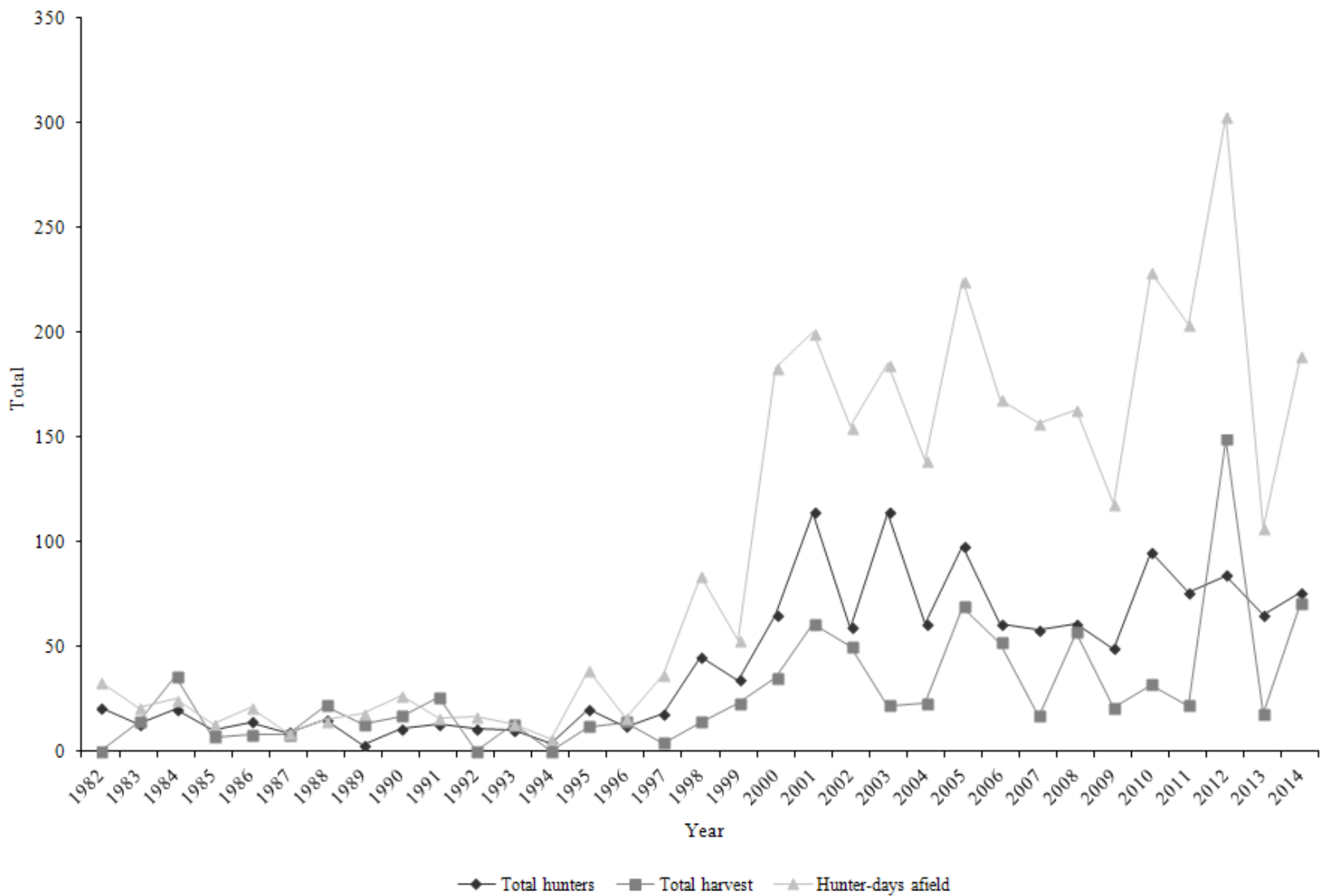
Year	Total hunters	Total harvest	Hunter-days afield	Hares / hunter-day	Hares / hunter
2012–13	645	924	2147	0.4	1.4
2013–14	568	384	1777	0.2	0.7
2014–15	345	533	1333	0.4	1.5
Average (1975–2014)	2897	5650	8873	0.6	1.8
% change from previous year	-39	39	-25	85	129
% change from average	-88	-91	-85	-29	-14

# WHITE-TAILED PTARMIGAN

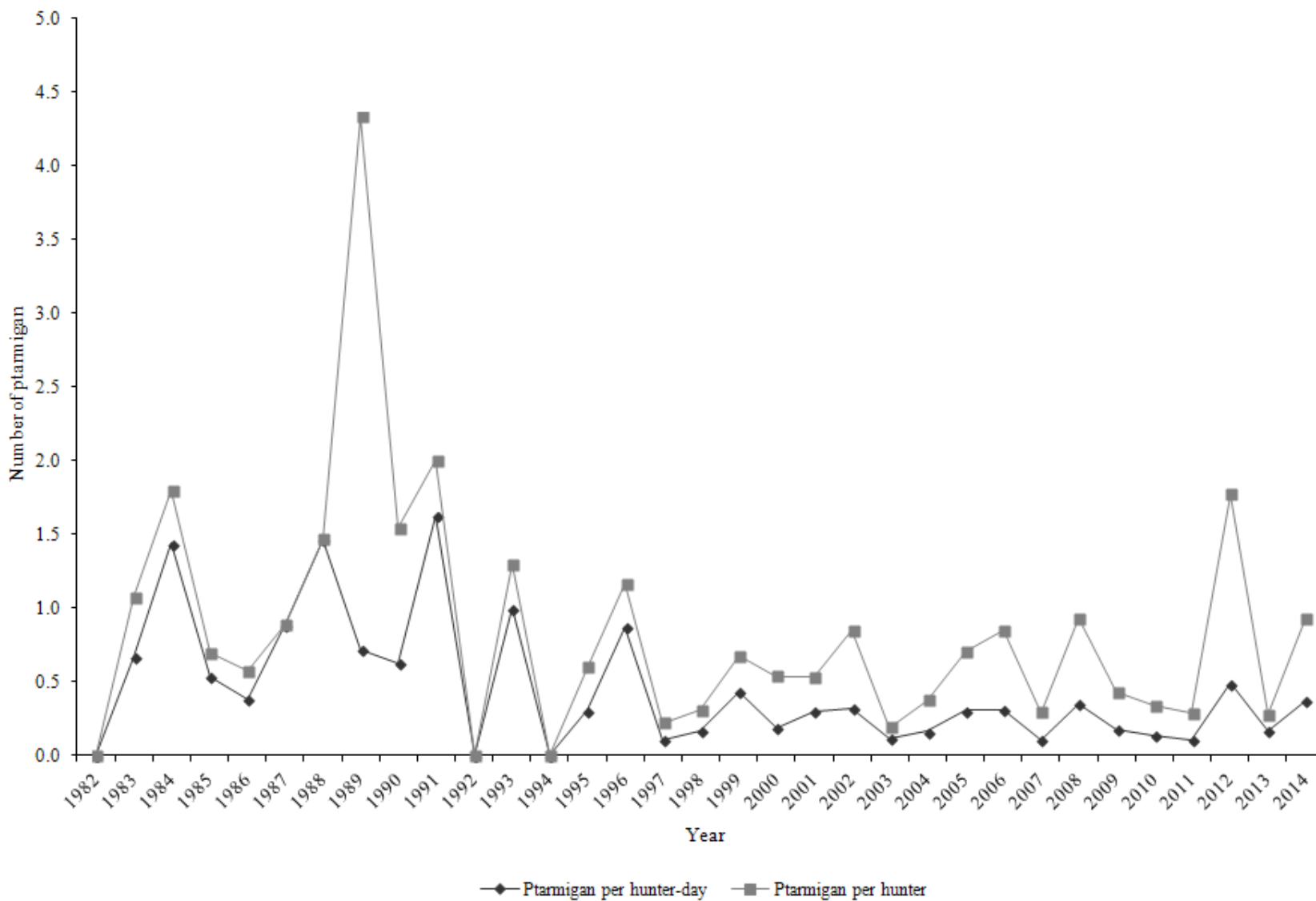




Statewide trends of white-tailed ptarmigan harvest statistics, Utah 1982–2014.



Statewide trends of white-tailed ptarmigan hunter success, Utah 1982–2014.



White-tailed ptarmigan harvest statistics by region and county, Utah 2014.

Region and county	n	Hunters afield	Hunter-days afield	Ptarmigan bagged	Ptarmigan / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	1	2	2	0	0.00	1.1	0.0
Cache	3	5	7	0	0.00	3.7	0.0
Davis	1	2	2	0	0.00	1.1	0.0
Morgan	0	—	—	—	—	—	—
Rich	0	—	—	—	—	—	—
Summit	9	16	42	15	0.36	22.2	21.1
Weber	0	—	—	—	—	—	—
Regional total	14	25	53	15	0.28	28.0	21.1
Central Region							
Juab	1	2	4	0	0.00	2.1	0.0
Salt Lake	0	—	—	—	—	—	—
Sanpete	0	—	—	—	—	—	—
Tooele	1	2	2	2	1.00	1.1	2.8
Utah	0	—	—	—	—	—	—
Wasatch	0	—	—	—	—	—	—
Regional total	2	4	6	2	0.33	3.2	2.8
Southern Region							
Beaver	0	—	—	—	—	—	—
Garfield	0	—	—	—	—	—	—
Iron	0	—	—	—	—	—	—
Kane	0	—	—	—	—	—	—
Millard	0	—	—	—	—	—	—
Piute	0	—	—	—	—	—	—
Sevier	0	—	—	—	—	—	—
Washington	0	—	—	—	—	—	—
Wayne	0	—	—	—	—	—	—
Regional total	0	—	—	—	—	—	—
Northeastern Region							
Daggett	5	9	11	0	0.00	5.8	0.0
Duchesne	14	25	67	36	0.54	35.4	50.7
Uintah	12	22	53	18	0.34	28.0	25.4
Regional total	31	56	131	54	0.41	69.3	76.1
Southeastern Region							
Carbon	0	—	—	—	—	—	—
Emery	0	—	—	—	—	—	—
Grand	0	—	—	—	—	—	—
San Juan	0	—	—	—	—	—	—
Regional total	0	—	—	—	—	—	—
Unknown	0	—	—	—	—	—	—
Statewide total**	42	76	189	71	0.38	100.0	100.0

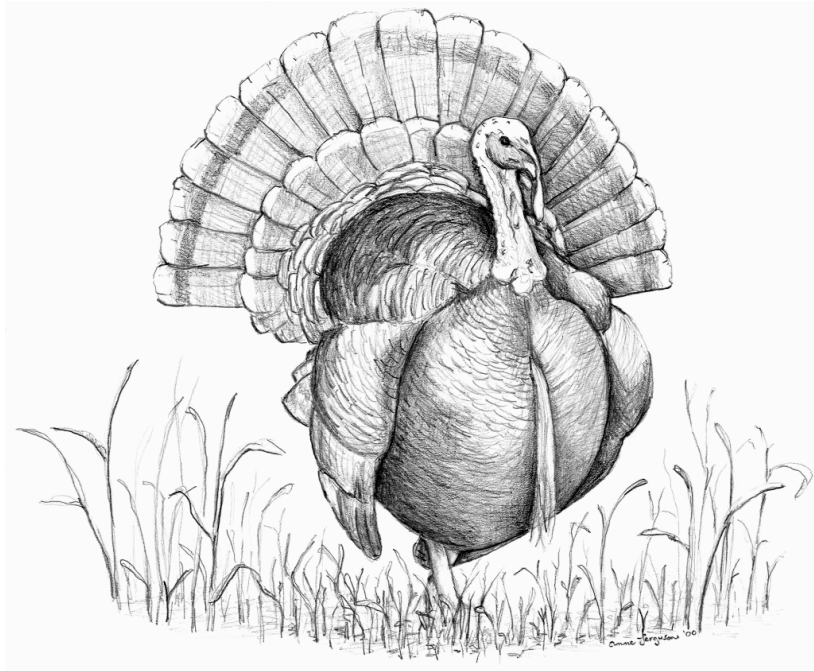
\*White-tailed ptarmigan are typically found in high elevation areas in Daggett, Duchesne, Summit, and Uintah counties.

\*\*Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple counties.

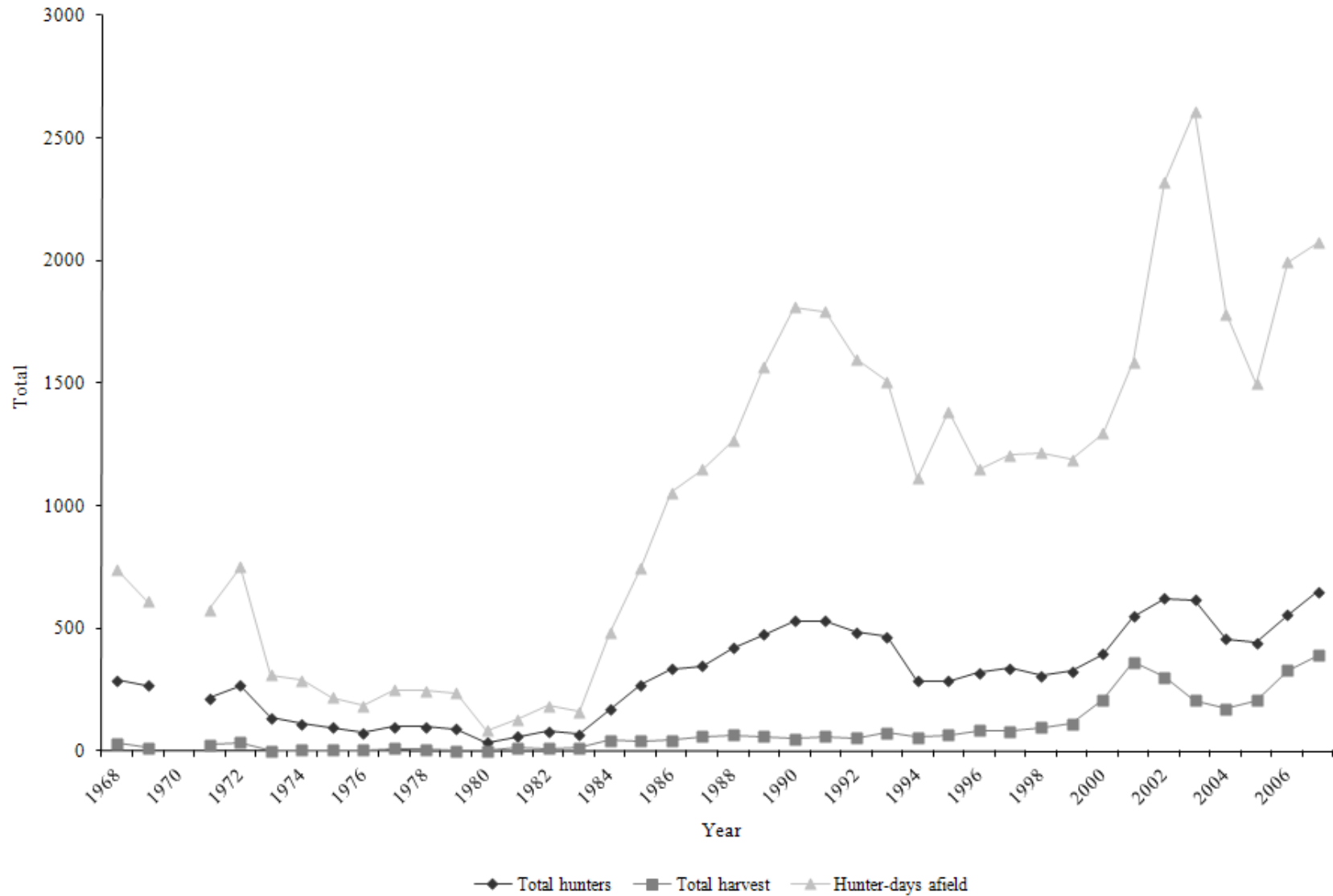
Statewide white-tailed ptarmigan harvest statistics, Utah 1982–2014.

Year	Total hunters	Total harvest	Hunter-days afield	Ptarmigan / hunter-day	Ptarmigan / hunter
1982	21	0	33	0.0	0.0
1983	13	14	21	0.7	1.1
1984	20	36	25	1.4	1.8
1985	10	7	13	0.5	0.7
1986	14	8	21	0.4	0.6
1987	9	8	9	0.9	0.9
1988	15	22	15	1.5	1.5
1989	3	13	18	0.7	4.3
1990	11	17	27	0.6	1.5
1991	13	26	16	1.6	2.0
1992	11	0	17	0.0	0.0
1993	10	13	13	1.0	1.3
1994	4	0	6	0.0	0.0
1995	20	12	39	0.3	0.6
1996	12	14	16	0.9	1.2
1997	18	4	37	0.1	0.2
1998	45	14	84	0.2	0.3
1999	34	23	53	0.4	0.7
2000	65	35	183	0.2	0.5
2001	114	61	200	0.3	0.5
2002	59	50	155	0.3	0.8
2003	114	22	185	0.1	0.2
2004	61	23	139	0.2	0.4
2005	98	69	225	0.3	0.7
2006	61	52	168	0.3	0.9
2007	58	17	157	0.1	0.3
2008	61	57	163	0.3	0.9
2009	49	21	118	0.2	0.4
2010	95	32	229	0.1	0.3
2011	76	22	204	0.1	0.3
2012	84	149	303	0.5	1.8
2013	65	18	107	0.2	0.3
2014	76	71	189	0.4	0.9
Average (1982–2013)	42	27	94	0.5	0.8
% change from previous year	17	294	77	123	237
% change from average	81	164	102	-17	11

# WILD TURKEY



Statewide trends of spring Merriam’s wild turkey harvest statistics, Utah 1968–2007.

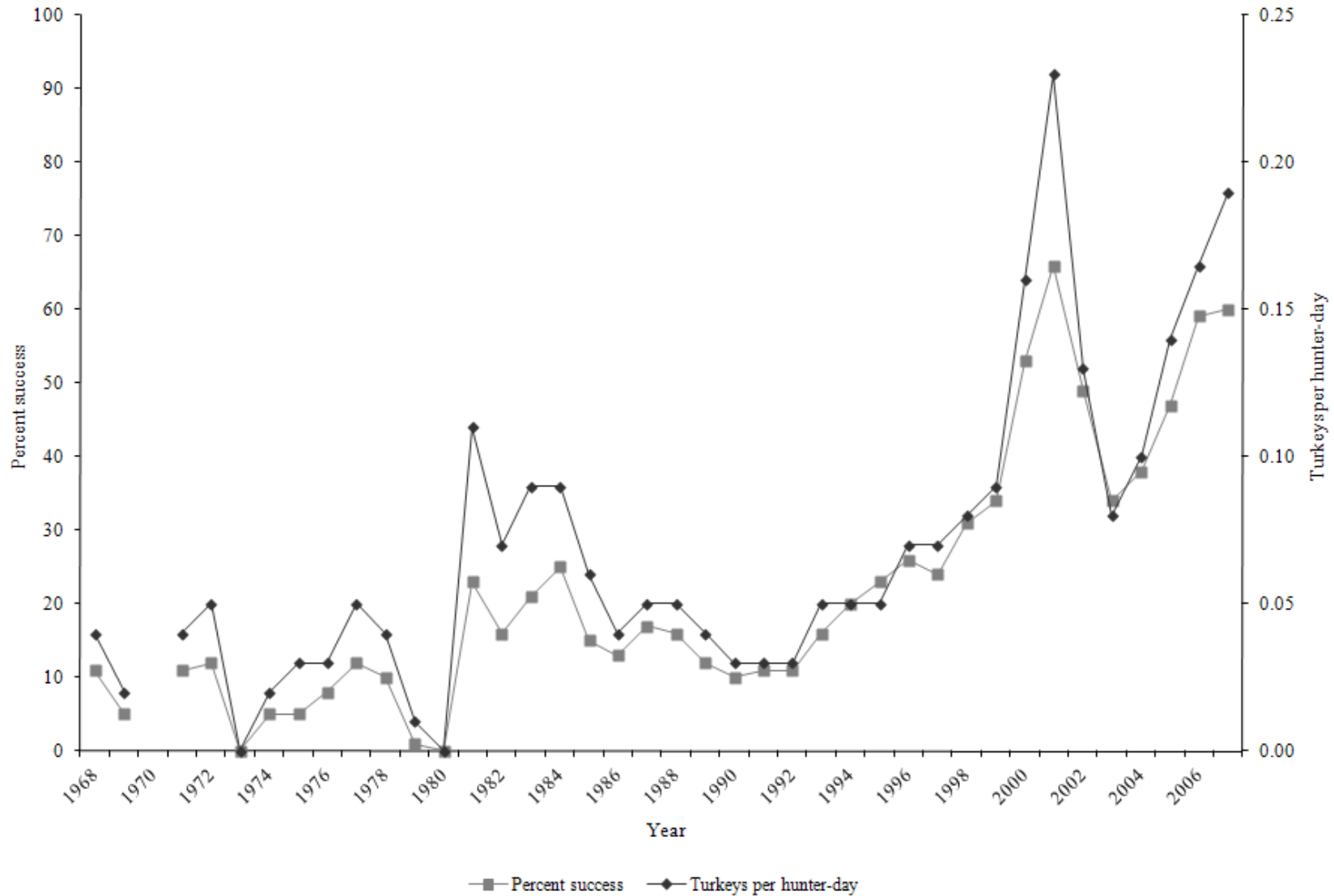


\*No spring season in 1970.

\*\*2002–2004 data does not include conservation permit information.

\*\*\*2005 data does not include conservation permit or landowner permit information.

Statewide trends of spring Merriam's wild turkey hunter success, Utah 1968–2007.



\*No spring season in 1970.

\*\*2002–2004 data does not include conservation permit information.

\*\*\*2005 data does not include conservation permit or landowner permit information.

Statewide Merriam's wild turkey spring season harvest statistics, Utah 1968–2007.

Year	Permits sold	Total hunters	Total harvest	Hunter-days afield	Percent success	Turkeys / hunter-day	% of hunters observing turkeys
1968	310	290	31	738	11	0.04	41
1969	276	267	13	612	5	0.02	22
1970*	—	—	—	—	—	—	—
1971	223	215	26	576	11	0.04	38
1972	285	269	35	751	12	0.05	39
1973	150	135	0	311	0	0.00	10
1974	121	112	6	289	5	0.02	22
1975	103	97	5	219	5	0.03	29
1976	81	74	6	185	8	0.03	32
1977	108	99	12	248	12	0.05	39
1978	116	101	9	246	10	0.04	42
1979	113	90	1	237	1	0.01	8
1980	40	35	0	84	0	0.00	17
1981	83	60	14	129	23	0.11	53
1982	91	80	12	184	16	0.07	62
1983	92	69	14	161	21	0.09	55
1984	190	169	43	482	25	0.09	72
1985	314	270	41	747	15	0.06	52
1986	362	335	43	1054	13	0.04	57
1987	384	347	60	1150	17	0.05	57
1988	490	421	66	1267	16	0.05	50
1989	527	477	59	1568	12	0.04	55
1990	579	531	52	1812	10	0.03	51
1991	587	532	59	1792	11	0.03	49
1992	538	484	53	1599	11	0.03	45

\*No spring season in 1970.



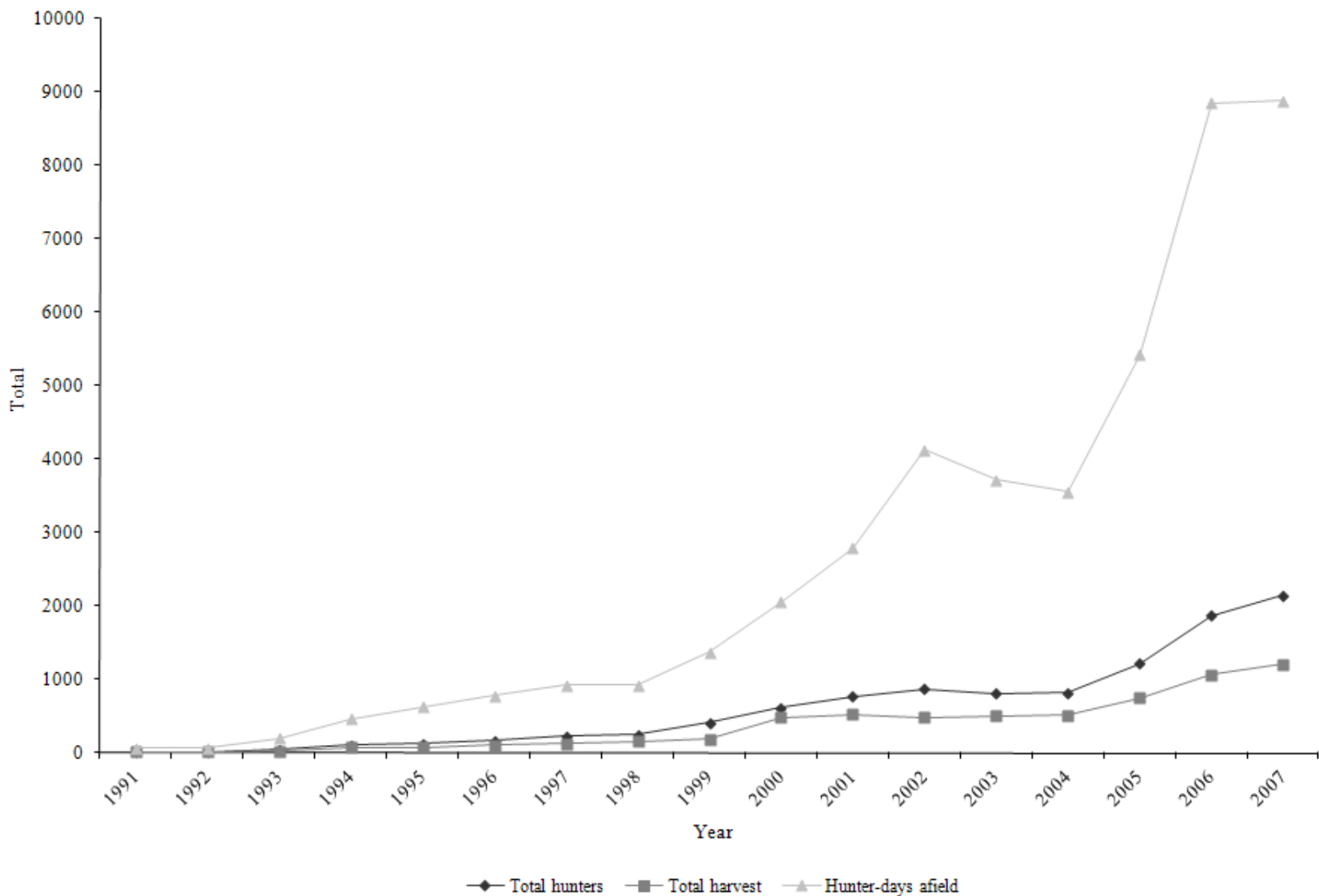
Statewide Merriam's wild turkey spring season harvest statistics, Utah 1968–2007 (cont.).

Year	Permits sold	Total hunters	Total harvest	Hunter-days afield	Percent success	Turkeys / hunter-day	% of hunters observing turkeys
1993	500	466	74	1508	16	0.05	54
1994	335	285	57	1112	20	0.05	—
1995	335	287	65	1386	23	0.05	40
1996	355	320	84	1151	26	0.07	78
1997	362	339	81	1208	24	0.07	87
1998	358	309	95	1218	31	0.08	18
1999	355	327	111	1188	34	0.09	84
2000	431	396	211	1297	53	0.16	77
2001	569	548	362	1586	66	0.23	90
2002*	689	622	303	2322	49	0.13	—
2003	660	617	207	2611	34	0.08	—
2004	493	459	173	1783	38	0.10	88
2005**	561	441	208	1497	47	0.14	88
2006	633	556	329	1994	59	0.16	93
2007	713	649	390	2073	60	0.19	93
Average (1968–2006)	337	303	79	1008	21	0.07	51
% change from previous year	13	17	19	4	2	15	0
% change from average	112	114	391	106	189	191	82

\*2002–2004 data does not include conservation permit information.

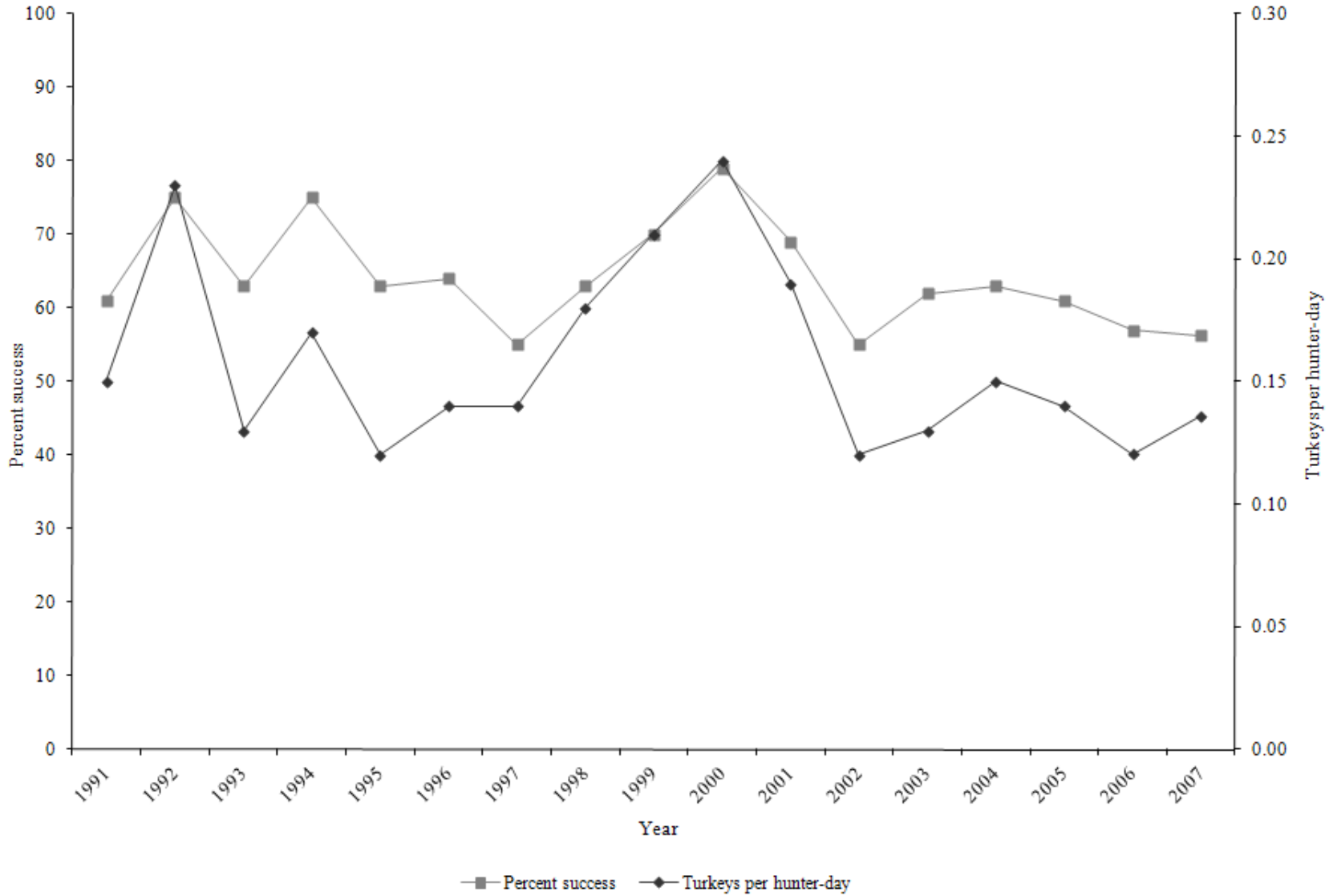
\*\*2005 data does not include conservation permit or landowner permit information.

Statewide trends of spring Rio Grande wild turkey harvest statistics, Utah 1991–2007.



\*2002–2004 data does not include conservation permit information.  
 \*\*2005 data does not include conservation permit or landowner permit information.

Statewide trends of spring Rio Grande wild turkey hunter success, Utah 1991–2007.



\*2002–2004 data does not include conservation permit information.

\*\*2005 data does not include conservation permit or landowner permit information.

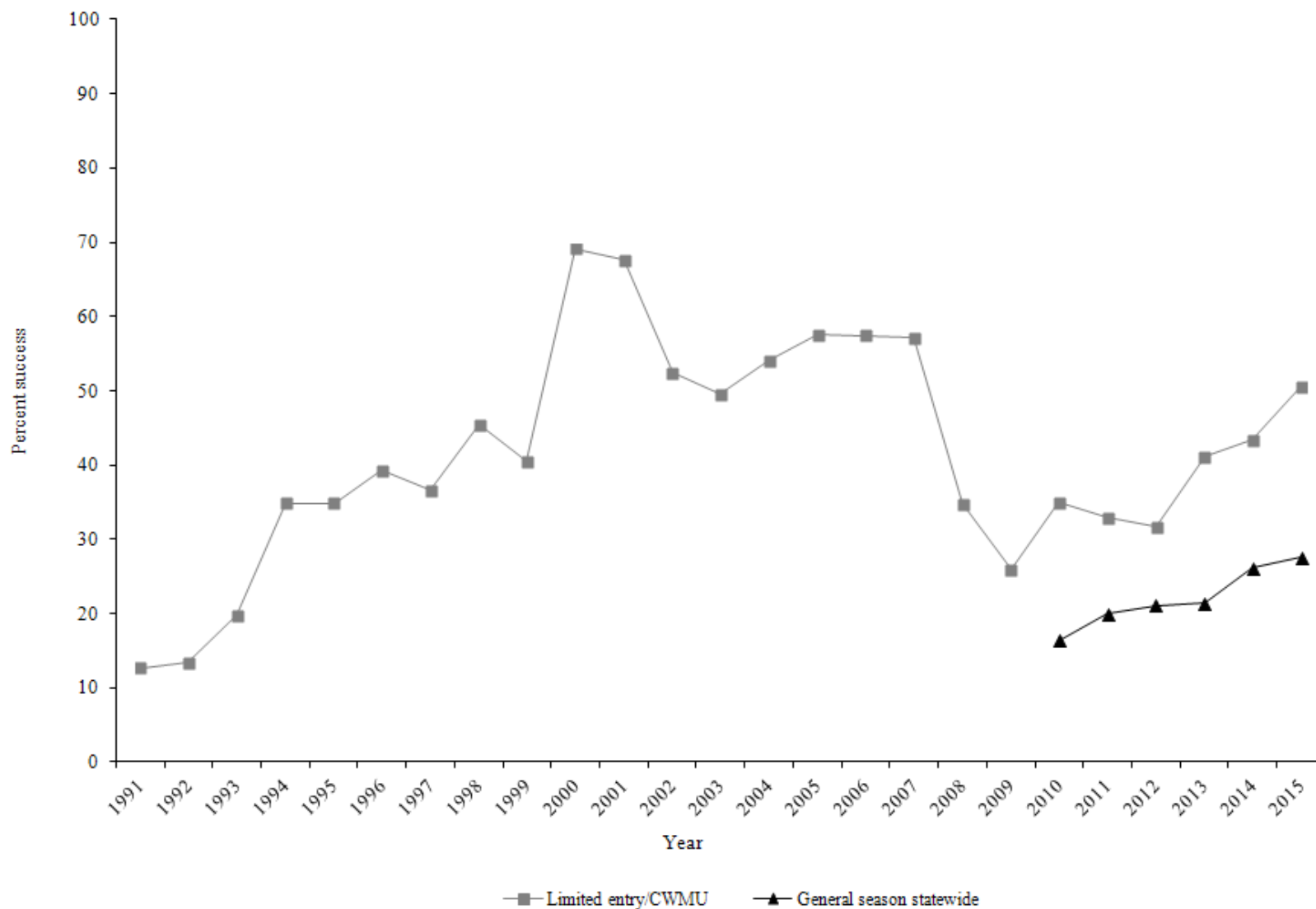
Statewide Rio Grande wild turkey harvest statistics, Utah 1991–2007.

Year	Permits sold	Total hunters	Total harvest	Hunter-days afield	Percent success	Turkeys / hunter-day	% of hunters observing turkeys
1991	20	18	11	71	61	0.15	—
1992	21	20	15	64	75	0.23	—
1993	42	41	26	200	63	0.13	—
1994	105	105	79	464	75	0.17	—
1995	135	123	78	628	63	0.12	—
1996	174	166	107	776	64	0.14	88
1997	240	229	127	920	55	0.14	82
1998	263	254	161	919	63	0.18	57
1999	398	413	189	1373	70	0.21	90
2000	631	615	488	2052	79	0.24	62
2001	812	769	529	2791	69	0.19	91
2002*	952	876	482	4131	55	0.12	—
2003	868	810	501	3720	62	0.13	—
2004	879	820	518	3559	63	0.15	96
2005**	1435	1215	745	5428	61	0.14	92
2006	2031	1873	1067	8852	57	0.12	94
2007	2304	2150	1210	8887	56	0.14	97
Average (1991–2006)	563	522	320	2247	65	0.16	84
% change from previous year	13	15	13	0	-1	13	3
% change from average	309	312	278	296	-13	-15	16

\*2002–2004 data does not include conservation permit information.

\*\*2005 data does not include conservation permit or landowner permit information.

Statewide trends of limited entry/CWMU and general season statewide wild turkey hunter success, Utah 1991–2015.



\*2002–2004 limited entry data does not include conservation permit information.

\*\*2005 limited entry data does not include conservation permit or landowner permit information.

Statewide limited-entry/CWMU wild turkey harvest statistics, Utah 1991–2015.

Year	Permits sold	Total hunters	Total harvest	Turkeys / hunter-day	Percent success
1991	607	550	70	0.0	12.7
1992	559	504	68	0.0	13.5
1993	542	507	100	0.1	19.7
1994	440	390	136	0.1	34.9
1995	470	410	143	0.1	34.9
1996	529	486	191	0.1	39.3
1997	602	568	208	0.1	36.6
1998	621	563	256	0.1	45.5
1999	753	740	300	0.1	40.5
2000	1062	1011	699	0.2	69.1
2001	1381	1317	891	0.2	67.7
2002*	1641	1498	785	0.1	52.4
2003	1528	1427	708	0.1	49.6
2004	1372	1279	691	0.1	54.0
2005**	1996	1656	953	0.1	57.5
2006	2664	2429	1396	0.1	57.5
2007	3017	2799	1600	0.1	57.2
2008	7858	6831	2374	0.1	34.8
2009	13608	11138	2770	0.0	26.0
2010	3055	2640	925	—	35.0
2011	3104	2629	865	—	32.9
2012	3035	2594	824	—	31.8
2013	3068	2566	1054	—	41.1
2014	3081	2661	1155	—	43.4
2015	3517	2918	1476	—	50.6
Average (1991–2014)	2358	2050	798	—	41.2
% change from previous year	14	10	28	—	17
% change from average	49	42	85	—	23

\*2002–2004 do not include conservation permit information.

\*\*Does not include conservation permit or landowner permit information.

Statewide general-season wild turkey harvest statistics, Utah 2010–2015.

Year	Permits sold	Total hunters	Total harvest	Percent success
2010	10118	8301	1363	16.4
2011	6528	5662	1136	20.1
2012	5275	4506	953	21.1
2013	6588	5788	1241	21.4
2014	7812	6734	1759	26.1
2015	8514	7314	2017	27.6
Average (1991–2014)	7264	6198	1290	21.0
% change from previous year	9	9	15	6
% change from average	17	18	56	31

Wild turkey fall harvest statistics by hunt area and region, Utah 2014.

Hunt area	Region	n	Hunters afield	Male harvest	Female harvest	Total harvest	Total days afield	Percent success
Box Elder	Northern	11	16	5	7	12	99	70.0
Hyrum	Northern	1	2	2	0	2	4	100.0
Lost Creek	Northern	2	3	2	2	3	3	100.0
Ogden Valley	Northern	7	12	5	3	8	38	71.4
Paradise-Avon	Northern	11	18	12	7	18	49	100.0
Wellsville-Clarkston-Beaver Dam	Northern	20	31	13	12	25	83	78.9
Unknown	Northern	3	5	2	2	3	37	66.7
Northern Region Total*		59	87	39	31	71	314	81.1
Alton	Southern	15	25	10	8	18	55	73.3
Antimony	Southern	14	23	7	7	13	58	57.1
Boulder	Southern	6	10	3	2	5	63	50.0
Enterprise	Southern	19	31	5	3	10**	126	31.6
Escalante	Southern	8	13	7	5	12	153	87.5
Fillmore	Southern	26	43	17	8	25	152	57.7
Kanosh	Southern	22	36	13	2	15	33	40.9
New Harmony	Southern	9	15	5	0	5	70	33.3
Parowan	Southern	34	56	15	18	33	178	58.8
Unknown	Southern	2	3	2	0	2	6	50.0
Southern Region Total*		131	194	84	53	137	900	70.9

\*Total permits sold was 97 for the northern region and 217 for the southern region. Statewide totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple areas. Total regional sample size includes those surveyed who did not hunt.

\*\*Includes 2 turkeys of unknown sex.



Wild turkey spring harvest statistics by hunt, Utah 2015.

Hunt number	Hunt unit	Total permits	n	Hunters afield	Total harvest	Days afield public land	Days afield private land	Percent success
9300	Limited entry central region	537	164	439	242	1522	897	55.2
9301	Limited entry northeastern region	325	129	257	131	675	655	51.0
9302	Limited entry northern region	597	185	469	249	1478	1323	53.1
9303	Limited entry southeastern region	398	132	314	172	1075	847	54.8
9304	Limited entry southern region	1626	432	1408	663	4816	3342	47.3
—	General season statewide	8514	2030	7314	2017	35455	31453	27.6
9500	Broadmouth CWMU	0	0	—	—	—	—	—
9501	Deer Creek CWMU	3	1	3	3	—	24	100.0
9502	Folley Ridge CWMU	10	6	10	5	—	30	50.0
9503	Missouri Flat CWMU	17	11	14	8	—	32	55.6
9504	New Harmony CWMU	4	3	4	3	—	35	66.7

## **APPENDIX A**

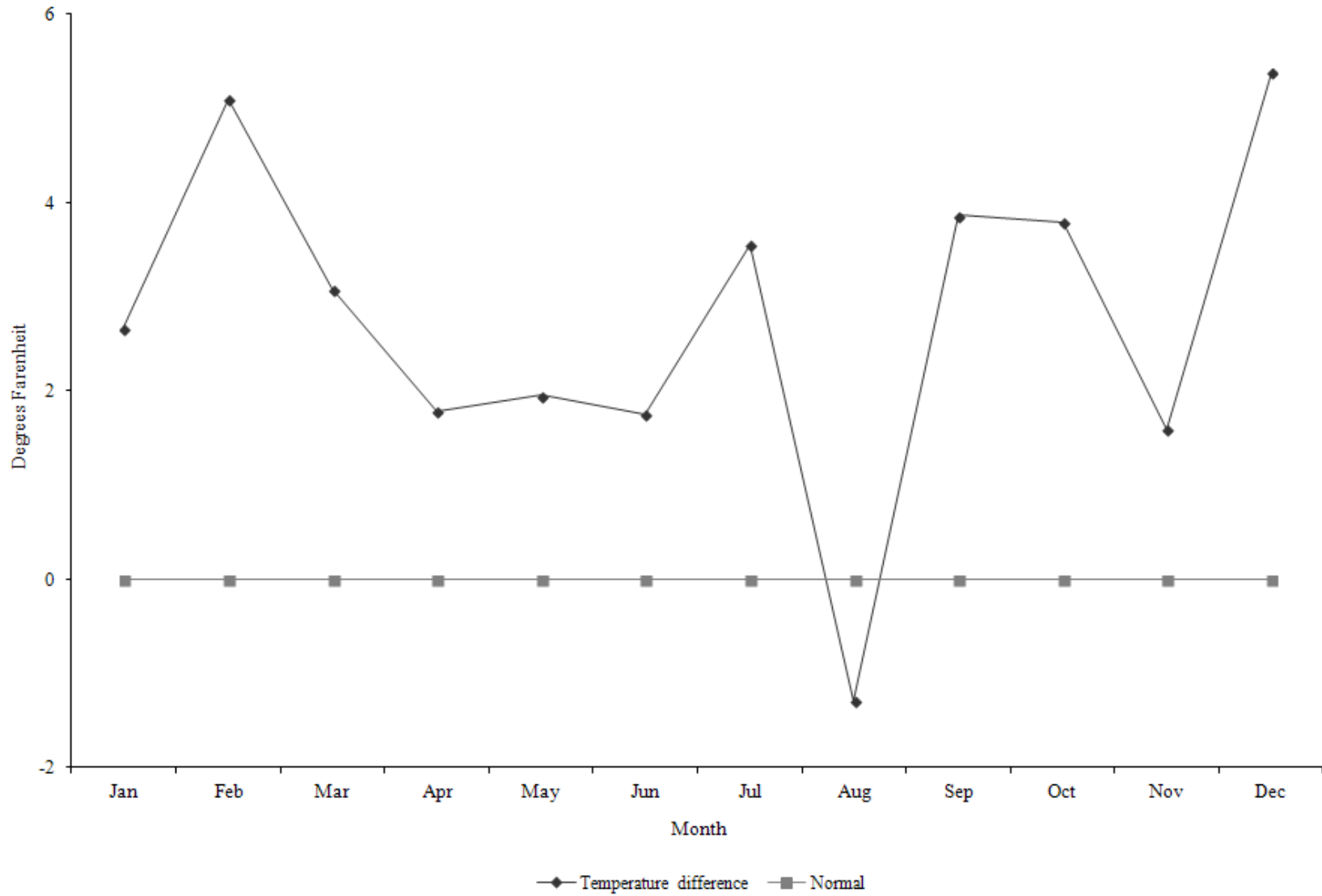
### **WEATHER CONDITIONS**

Weather data used in this report are from the NOAA periodical entitled “Climatological Data Annual Summary Utah 2014.”

Comparison of monthly average temperatures (°F) to normal temperature, by weather division, Utah 2014.

Weather Division	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>No.1 Western</b>													
Normal	26.7	32.6	40.7	47.6	56.4	66.2	73.8	72.1	62.0	49.6	36.6	27.6	49.3
2014	27.7	37.2	43.3	49.6	58.6	67.9	78.1	70.6	65.8	54.1	38.0	33.2	52.0
Departure	1.0	4.6	2.6	2.0	2.2	1.7	4.3	-1.5	3.8	4.5	1.4	5.6	2.7
<b>No.2 Dixie</b>													
Normal	39.4	44.5	50.1	56.9	65.9	75.9	81.6	79.8	72.3	60.7	47.2	39.7	59.5
2014	45.1	49.1	54.6	61.4	69.1	80.4	86.0	79.4	77.6	65.1	50.3	42.9	63.4
Departure	5.7	4.6	4.5	4.5	3.2	4.5	4.4	-0.4	5.3	4.4	3.1	3.2	3.9
<b>No.3 North Central</b>													
Normal	26.5	31.6	40.3	47.6	56.6	66.3	73.9	72.3	62.4	50.4	37.2	28.0	49.4
2014	27.2	36.8	43.3	48.4	58.6	66.2	77.2	70.3	65.9	54.1	38.4	34.7	51.8
Departure	0.7	5.2	3.0	0.8	2.0	-0.1	3.3	-2.0	3.5	3.7	1.2	6.7	2.3
<b>No.4 South Central</b>													
Normal	26.8	31.6	38.2	44.6	53.5	63.1	69.8	67.9	59.7	48.3	36.0	28.0	47.3
2014	31.5	36.5	40.8	47.3	55.4	66.0	73.6	67.3	64.2	52.6	38.3	32.4	50.5
Departure	4.7	4.9	2.6	2.7	1.9	2.9	3.8	-0.6	4.5	4.3	2.3	4.4	3.2
<b>No.5 Northern Mountains</b>													
Normal	21.3	24.9	32.8	40.4	49.4	58.3	65.1	63.7	55.0	44.2	31.3	22.5	42.4
2014	24.3	30.1	36.7	41.4	51.8	59.1	68.1	62.9	58.4	47.7	32.7	28.2	45.1
Departure	3.0	5.2	3.9	1.0	2.4	0.8	3.0	-0.8	3.4	3.5	1.4	5.7	2.7
<b>No.6 Uintah Basin</b>													
Normal	18.0	24.4	37.5	46.5	55.9	65.2	71.6	69.6	60.2	47.8	32.8	21.0	45.9
2014	17.9	31.1	40.7	47.6	57.6	66.3	74.7	67.8	62.8	50.5	33.6	28.7	43.7
Departure	-0.1	6.7	3.2	1.1	1.7	1.1	3.1	-1.8	2.6	2.7	0.8	7.7	-2.2
<b>No.7 Southeast</b>													
Normal	28.0	34.7	43.1	50.7	60.1	70.5	76.5	74.4	65.4	53.0	39.1	29.8	52.1
2014	31.7	39.2	44.9	51.1	60.4	71.9	79.5	72.5	69.4	56.5	40.1	34.2	54.3
Departure	3.7	4.5	1.8	0.4	0.3	1.4	3.0	-1.9	4.0	3.5	1.0	4.4	2.2
<b>State averages</b>													
Normal	26.7	32.0	40.4	47.8	56.8	66.5	73.2	71.4	62.4	50.6	37.2	28.1	49.4
2014	29.3	37.1	43.5	49.5	58.8	68.3	76.7	70.1	66.3	54.4	38.8	33.5	52.2
Departure	2.7	5.1	3.1	1.8	2.0	1.8	3.6	-1.3	3.9	3.8	1.6	5.4	2.8

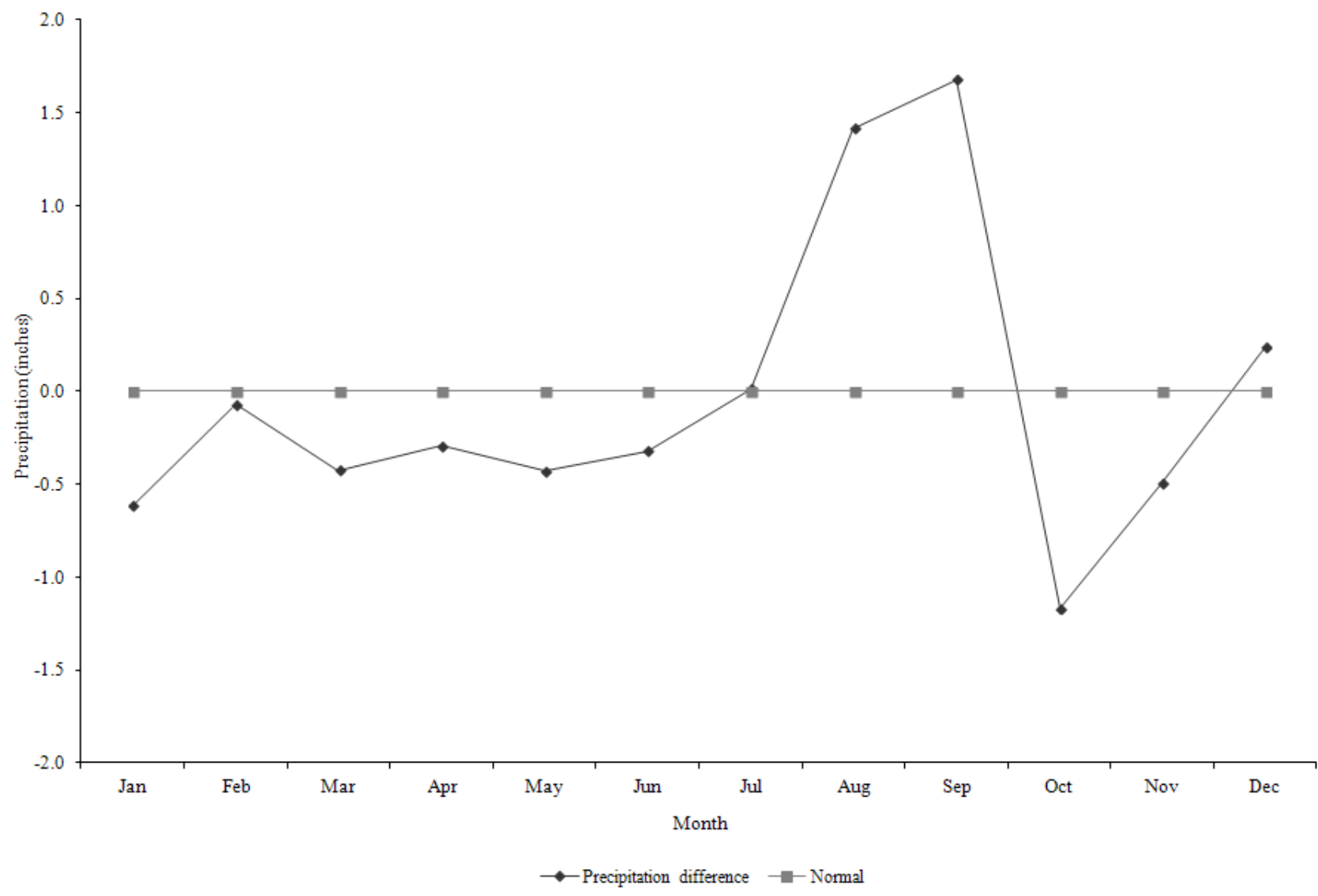
Temperature (°F) departure from normal, Utah 2014.



Comparison of monthly average precipitation (inches) to normal precipitation, by weather division, Utah 2014.

Weather Division	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
No.1 Western													
Normal	0.6	0.7	0.9	0.9	1.1	0.6	0.7	0.8	0.8	1.0	0.7	0.5	9.2
2014	0.4	0.5	0.6	0.7	0.6	0.2	0.5	1.7	1.8	0.2	0.3	0.5	8.0
Departure	-0.2	-0.2	-0.3	-0.2	-0.6	-0.4	-0.2	1.0	1.0	-0.7	-0.4	0.0	-1.2
No.2 Dixie													
Normal	1.6	1.6	2.0	0.9	0.7	0.3	0.9	1.1	0.9	1.0	1.1	0.8	12.9
2014	0.8	0.8	0.5	0.7	0.3	0.0	0.7	2.9	4.2	0.0	0.3	1.0	12.0
Departure	-0.8	-0.8	-1.5	-0.1	-0.4	-0.3	-0.2	1.7	3.3	-1.0	-0.8	0.1	-0.8
No.3 North Central													
Normal	1.6	1.6	1.9	1.9	2.2	1.1	0.9	1.0	1.4	1.8	1.5	1.4	18.2
2014	0.9	1.9	2.0	1.8	1.1	1.0	1.0	2.5	2.7	0.2	1.0	1.8	17.9
Departure	-0.7	0.4	0.1	-0.1	-1.1	0.0	0.1	1.5	1.3	-1.6	-0.6	0.4	-0.3
No.4 South Central													
Normal	1.2	1.2	1.4	1.1	1.1	0.6	1.0	1.4	1.2	1.3	1.1	0.9	13.4
2014	0.5	0.7	0.9	0.7	1.1	0.1	1.4	2.0	3.0	0.2	0.5	1.4	12.3
Departure	-0.7	-0.5	-0.5	-0.4	0.0	-0.5	0.4	0.6	1.8	-1.2	-0.5	0.5	-1.0
No.5 Northern Mountains													
Normal	2.0	1.9	2.0	1.9	2.0	1.1	1.1	1.2	1.6	1.9	1.9	1.7	20.1
2014	1.2	3.1	1.9	1.2	1.5	0.9	1.3	3.2	3.4	0.3	1.3	2.4	21.9
Departure	-0.8	1.3	-0.1	-0.7	-0.5	-0.2	0.3	2.1	1.8	-1.5	-0.5	0.7	1.8
No.6 Uintah Basin													
Normal	0.5	0.5	0.6	0.8	1.0	0.6	0.7	0.8	0.9	1.1	0.5	0.4	8.5
2014	0.2	0.2	0.5	0.5	0.2	0.1	0.5	3.0	2.5	0.1	0.4	0.3	8.5
Departure	-0.3	-0.3	-0.1	-0.3	-0.8	-0.4	-0.2	2.2	1.6	-1.0	-0.2	-0.1	0.1
No.7 Southeast													
Normal	0.8	0.7	0.9	0.7	0.8	0.4	0.9	1.0	1.0	1.3	0.8	0.6	9.8
2014	0.2	0.3	0.3	0.5	1.1	0.0	0.9	1.8	1.9	0.2	0.4	0.6	8.2
Departure	-0.7	-0.3	-0.5	-0.2	0.4	-0.4	-0.1	0.8	1.0	-1.1	-0.5	0.0	-1.6
State averages													
Normal	1.2	1.1	1.4	1.2	1.3	0.7	0.9	1.0	1.1	1.3	1.1	0.9	13.1
2014	0.6	1.1	1.0	0.9	0.8	0.3	0.9	2.4	2.8	0.2	0.6	1.1	12.7
Departure	-0.6	-0.1	-0.4	-0.3	-0.4	-0.3	0.0	1.4	1.7	-1.2	-0.5	0.2	-0.5

Precipitation (inches) departure from normal, Utah 2014.



## **APPENDIX B**

### **HUNTER HARVEST SURVEY RESPONSE SUMMARY**

General upland game harvest mail questionnaire returns, Utah 1962–63 to 2000–01.

Year	Questionnaires mailed	Total surveys returned	% returned	Total usable returns	% usable	% of license holders who did not hunt
1962–63	10068	4122	40.9	3433	34.1	22.0
1963–64	11058	5062	45.8	4325	39.1	21.0
1964–65	10718	4840	45.2	4180	39.0	23.0
1965–66	11917	6232	52.3	—	—	34.0
1966–67	13131	5734	43.7	5734	43.7	34.6
1967–68	12012	5764	48.0	5764	48.0	25.1
1968–69	14068	6138	43.6	6138	43.6	25.6
1969–70	15036	6429	42.8	6429	42.8	28.0
1970–71	14730	6639	45.1	6639	45.1	38.8
1971–72	15149	—	43.2	—	—	—
1972–73	15272	—	—	6399	41.9	—
1973–74	17572	—	—	7999	45.5	—
1974–75	27379	9157	33.4	8027	29.3	—
1975–76	26657	10880	40.8	9132	34.3	—
1976–77	21250	7889	37.1	6226	29.3	—
1977–78	20984	9329	44.5	8099	38.6	—
1978–79	24733	7575	30.6	6529	26.4	—
1979–80	27616	10498	38.0	9274	33.6	26.4
1980–81	27952	9857	35.3	8496	30.4	33.1
1981–82	13925	7941	57.0	6367	45.7	31.4
1982–83	22609	10167	45.0	8734	38.6	27.0
1983–84	23430	10324	44.1	9497	40.5	28.7
1984–85	12026	6455	53.7	6324	52.6	31.1
1985–86	10772	5904	54.8	5843	54.2	35.2
1986–87	11103	5329	48.0	5256	47.3	34.2
1987–88	10022	4294	42.8	4272	42.6	30.1
1988–89	15350	6650	43.3	6527	42.5	35.6
1989–90	12894	5135	39.8	5105	39.6	36.7
1990–91	12236	5264	43.0	5175	42.3	39.1
1991–92	15054	6419	42.6	6212	41.3	42.7
1992–93	16472	6207	37.7	5977	36.3	45.0
1993–94	16534	6293	38.1	5442	32.9	42.6
1994–95	15526	5433	35.0	5131	33.0	45.1
1995–96	14777	4951	33.5	4866	32.9	41.7
1996–97	14088	4090	29.0	4028	28.6	36.2
1997–98	13689	4488	32.8	4338	31.7	40.0
1998–99	14497	5536	38.2	3862	26.6	43.5
1999–00	14630	6082	41.6	5426	37.1	39.6
2000–01	14181	5020	35.4	4555	32.1	37.4



General upland game survey type and sample size, Utah 2001–02 to 2014–15.

Year	Survey type	Sample size	Total licenses	% of license holders who did not hunt
2001–02	Telephone	2500	83883	43.6
2002–03	Telephone	2501	79036	40.9
2003–04	Telephone	2500	77058	35.3
2004–05	Telephone	2500	77160	42.2
2005–06	Telephone	2500	76491	33.6
2006–07	Telephone	2501	82639	50.5
2007–08*	Telephone	4978	124349	75.5
2008–09	Web/Phone	14324	182846	76.7
2009–10	Web/Phone	12571	187925	81.8
2010–11	Web/Phone	14752	186163	80.9
2011–12	Web/Phone	16248	181590	84.2
2012–13	Web/Phone	17888	183275	83.7
2013–14	Web/Phone	19353	194042	83.9
2014–15	Web/Phone	16359	230826	86.1

\*As of July 1, 2007, the 365-day small game license was renamed a basic hunting license, and all hunters were required to obtain a basic hunting license before applying for or obtaining any other Utah hunting permit.

## **APPENDIX C**

### **LICENSE SALES**

Cost of Utah hunting licenses / permits and total licenses / permits sold, Utah 2014–15.

License / permit type	Fee (dollars)	Licenses* / permits sold
Resident 365-day hunting license (age 13 and under)	\$11	2574 (3394)
Resident 365-day hunting license (ages 14–17)	\$16	420
Resident 365-day hunting license (ages 18–64)	\$34	2137 (4196)
Resident 365-day hunting license (age 65 and older)	\$25	268
Resident multi-year hunting license (ages 18–64)	\$33 per year, up to five years	99
Resident 365-day combination license (ages 14–17)	\$20	5208
Resident 365-day combination license (ages 18–64)	\$38	48627 (107396)
Resident 365-day combination license (age 65 and older)	\$29	4542
Resident multi-year combination license (ages 18–64)	\$37 per year, up to five years	5709
Nonresident 3-day small game hunting license (any age)	\$32	490 (1)
Nonresident 365-day hunting license (age 17 and under)	\$25	138
Nonresident 365-day hunting license (age 18 and older)	\$65	3165 (18761)
Nonresident multi-year hunting license (age 18 and older)	\$64 per year, up to five years	121
Nonresident 365-day combination license (age 17 and under)	\$29	136
Nonresident 365-day combination license (age 18 and older)	\$85	1583 (5043)
Nonresident multi-year combination license (age 18 and older)	\$84 per year, up to five years	86
Resident lifetime hunting/fishing license**	—	4433
Resident Hunter Education completion license	—	12200
Nonresident Hunter Education completion license	—	98
Band-tailed pigeon permit	\$0	196
Greater sage-grouse permit	\$0	1199
Sandhill crane permit	\$15	101
Sharp-tailed grouse permit	\$0	190
White-tailed ptarmigan permit	\$0	251
Resident wild turkey limited-entry permit	\$35	3338
Resident wild turkey general-season permit	\$35	8332
Resident wild turkey CWMU permit	\$35	34
Nonresident wild turkey limited-entry permit	\$100	117
Nonresident wild turkey general-season permit	\$100	182
Nonresident wild turkey CWMU permit	\$100	3

\*Starting July 1, 2014, license fees and license types changed. Numbers in parentheses were additional permits sold under the old license and fee structure, prior to July 1, 2014.

\*\*No longer available for purchase.

Cost of Utah hunting licenses in dollars (\$), Utah 1971–2014.

Year	Resident (under 14 yrs of age) hunting license	Resident (14 years of age or older) hunting license	Resident combination license	Nonresident hunting license	Nonresident combination license	Nonresident 3-day small game hunting license
1971-1975	\$2.50	\$4.50	\$10.00	\$20.00	—	—
1976-1979	\$3.00	\$6.00	\$18.00	\$20.00	—	—
1980-1984	\$4.00	\$8.00	\$23.00	\$30.00	—	—
1985-1992	\$6.00	\$12.00	\$35.00	\$40.00	—	—
1993-1998	\$6.00	\$12.00	\$25.00	\$40.00	—	—
1999-2000	\$7.00	\$13.00	\$28.00	\$41.00	—	—
2001-2003	\$11.00	\$17.00	\$32.00	\$45.00	—	—
2004-2006	\$11.00	\$17.00	\$34.00	\$45.00	—	—
2007-2014*	\$11.00	\$26.00	\$30.00	\$65.00	\$80.00	\$25.00

\*Prior to July 1, 2007, basic hunting licenses were referred to as small game licenses. Includes only license types sold prior to July 1, 2014. Starting July 1, 2014, license fees and types changed - see the table on the preceding page.

## **APPENDIX D**

**PERMIT NUMBERS, SEASON DATES,  
BAG AND POSSESSION LIMITS, AND AREAS OPEN**

Upland game and turkey season dates, bag and possession limits, and areas open, Utah 2014–15 (2014–15 Utah Upland Game & Turkey Guidebook).

American crow

- Season dates: September 1–September 30, 2014 and December 1, 2014–February 28, 2015
- Falconry season dates: September 1–September 30, 2014 and December 1, 2014–February 28, 2015
- Areas open: Statewide.
- Bag limit: 10
- Possession limit: 30
- Falconry bag limit: 10
- Falconry possession limit: 30

Band-tailed pigeon

- Season dates: September 1–September 30, 2014
- Falconry season dates: September 1–December 16, 2014
- Areas open: Statewide.
- Bag limit: 2
- Possession limit: 6
- Falconry bag limit: 2
- Falconry possession limit: 6
- Footnotes: Requires a free permit in addition to your hunting license.

California and Gambel's quail

- Season dates: November 1–December 31, 2014
- Youth hunt: The youth hunt will occur from Oct. 11–13, 2014. If you are a youth who will be 17 or younger on July 31, 2014, you may participate in this hunt. If you are under the age of 16, you must be accompanied by an adult who is 21 or older.
- Areas open: Statewide.
- Bag limit: 5
- Possession limit: 15
- Footnotes: Limits singly or in combination.

Chukar partridge

- Season dates: September 27, 2014–February 15, 2015
- Youth hunt: The youth hunt will occur from Sept. 20–22, 2014. If you are a youth who will be 17 or younger on July 31, 2014, you may participate in this hunt. If you are under the age of 16, you must be accompanied by an adult who is 21 or older.
- Areas open: Statewide.
- Bag limit: 5
- Possession limit: 15
- Footnotes: Antelope Island is closed to upland game hunting.

Upland game and turkey season dates, bag and possession limits, and areas open, Utah 2014–15 (cont.).

Cottontail rabbit (desert and mountain)

- Season dates: September 1, 2014–February 28, 2015
- Areas open: Statewide.
- Bag limit: 10
- Possession limit: 30

Dusky and ruffed grouse

- Season dates: September 1–December 31, 2014
- Areas open: Statewide.
- Bag limit: 4
- Possession limit: 12
- Footnotes: Limits singly or in combination.

Eurasian collared-dove

- Season dates: Year round
- Areas open: Statewide.
- Bag limit: No limit
- Possession limit: No limit
- Footnotes: Eurasian collared-doves may be hunted without a license, year round. Eurasian collared-doves taken during the dove season will not count as part of the combined dove bag and possession limits if they remain unplucked during transport.

Gray (Hungarian) partridge

- Season dates: September 27, 2014–February 15, 2015
- Youth hunt: The youth hunt will occur from Sept. 20–22, 2014. If you are a youth who will be 17 or younger on July 31, 2014, you may participate in this hunt. If you are under the age of 16, you must be accompanied by an adult who is 21 or older.
- Areas open: Statewide.
- Bag limit: 5
- Possession limit: 15

Greater sage-grouse (Diamond, Blue Mountain)

- Season dates: September 27–October 19, 2014
- Areas open: Diamond, Blue Mountain (#9000).
- Possession limit: Only 2 birds of either sex may be taken during the entire season.
- Footnotes: Greater sage-grouse permit required.
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Greater sage-grouse (Parker Mountain)

- Season dates: September 27–October 19, 2014
- Areas open: Parker Mountain (#9001).
- Possession limit: Only 2 birds of either sex may be taken during the entire season.
- Footnotes: Greater sage-grouse permit required.

Upland game and turkey season dates, bag and possession limits, and areas open, Utah 2014–15 (cont.).

Greater sage-grouse (Rich County)

- Season dates: September 27–October 19, 2014
- Areas open: Rich County (#9002).
- Possession limit: Only 2 birds of either sex may be taken during the entire season.
- Footnotes: Greater sage-grouse permit required.

Greater sage-grouse (West Box Elder County)

- Season dates: September 27–October 19, 2014
- Areas open: West Box Elder (#9003).
- Possession limit: Only 2 birds of either sex may be taken during the entire season.
- Footnotes: Greater sage-grouse permit is required.

Jackrabbit (black-tailed and white-tailed)

- Season dates: Year round
- Areas open: Statewide.
- Bag limit: No limit
- Possession limit: No limit
- Footnotes: May be hunted without a license.

Mourning dove and white-winged dove

- Season dates: September 1–October 30, 2014
- Areas open: Statewide.
- Bag limit: 15
- Possession limit: 45
- Falconry bag limit: 3
- Falconry possession limit: 9
- Footnotes: Limits singly or in combination. Eurasian collared-doves should remain fully feathered so they can be distinguished from mourning and white-winged doves.

Ring-necked pheasant (General season)

- Season dates: November 1–November 16, 2014
- Youth hunt: The youth hunt will occur from Oct. 11–13, 2014. If you are a youth who will be 17 or younger on July 31, 2014, you may participate in this hunt. If you are under the age of 16, you must be accompanied by an adult who is 21 or older.
- Areas open: Statewide.
- Bag limit: 2
- Possession limit: 6
- Footnotes: Only males may be harvested. The Goshen Warm Springs WMA in Utah County is closed to all hunting.



Upland game and turkey season dates, bag and possession limits, and areas open, Utah 2014–15 (cont.).

Ring-necked pheasant (Extended season)

- Season dates: November 17–December 7, 2014
- Areas open: All state and federal lands, including private land leased by or managed by the Division, which may be subject to restrictions and closures imposed by administering agencies. All other private lands are closed.
- Bag limit: 2
- Possession limit: 6
- Footnotes: Only males may be harvested.

Scaled quail

- Season dates and bag limit: Closed

Sandhill crane (East Box Elder County)

- Season dates: September 6–14, 2014
- Areas open: East Box Elder County (#9200).
- Possession limit: Only 1 bird of either sex may be taken during the entire season.
- Footnotes: Sandhill crane permit required. Harold Crane, Public Shooting Grounds and Salt Creek Waterfowl Management Areas are closed to sandhill crane hunting. Bear River National Wildlife Refuge is closed to sandhill crane hunting.

Sandhill crane (Cache County)

- Season dates: September 6–14, 2014
- Areas open: Cache County (#9201).
- Possession limit: Only 1 bird of either sex may be taken during the entire season.
- Footnotes: Sandhill crane permit required.

Sandhill crane (Rich County)

- Season dates: September 6–14, 2014
- Areas open: Rich County (#9202).
- Possession limit: Only 1 bird of either sex may be taken during the entire season.
- Footnotes: Sandhill crane permit required.

Sandhill crane (Uintah County)

- Season dates: September 20–28, 2014 (early), October 1–9, 2014 (middle) and October 11–19, 2014 (late).
- Areas open: Uintah County (hunts #9203, #9204 and #9205).
- Possession limit: Only 1 bird of either sex may be taken during the entire season.
- Footnotes: Sandhill crane permit required.

Upland game and turkey season dates, bag and possession limits, and areas open, Utah 2014–15 (cont.).

Sharp-tailed grouse (Northeast Box Elder County)

- Season dates: September 27–October 19, 2014
- Areas open: Northeast Box Elder County (#9100).
- Possession limit: Only 2 birds of either sex may be taken during the entire season.
- Footnotes: Sharp-tailed grouse permit required. This hunt is comprised of all or largely private property. Hunters should acquire written permission from the landowner before obtaining a permit for this hunt.

Sharp-tailed grouse (Cache County)

- Season dates: September 27–October 19, 2014
- Areas open: Cache County (#9101).
- Possession limit: Only 2 birds of either sex may be taken during the entire season.
- Footnotes: Sharp-tailed grouse permit required. This hunt is comprised of all or largely private property. Hunters should acquire written permission from the landowner before obtaining a permit for this hunt.

Snowshoe hare

- Season dates: September 1, 2014–March 15, 2015
- Areas open: Statewide.
- Bag limit: 5
- Possession limit: 15

White-tailed ptarmigan

- Season dates: August 23–October 31, 2014
- Areas open: Statewide.
- Bag limit: 4
- Possession limit: 12
- Footnotes: Requires a free permit in addition to a hunting license.

Wild turkey (Fall general-season hunts)

- Season dates: November 1–December 31, 2014 for the hunt within the Northern Region and November 1, 2014–January 15, 2015 for the hunt within the Southern Region.
- Areas open: Select areas within the Northern Region and within the Southern Region. Some of these hunts are comprised of all or largely private property.
- Bag limit: 1 turkey of either sex
- Possession limit: 1 turkey of either sex
- Footnotes: Permits for the fall 2014 general-season hunts will be sold at *wildlife.utah.gov* and from license agents and Division offices.

Upland game and turkey season dates, bag and possession limits, and areas open, Utah 2014–15 (cont.).

Wild turkey (Limited-entry hunts)

- Season dates: April 11–April 30, 2015
- Areas open: Central (#9300), Northeastern (#9301), Northern (#9302), Southeastern (#9303), and Southern (#9304) regions.
- Bag limit: 1 bearded turkey
- Possession limit: 1 bearded turkey
- Footnotes: The limited-entry hunt requires a permit distributed through Utah’s turkey drawing. If you are a youth with a limited-entry permit and you don’t harvest during the limited-entry season, you may continue to hunt during the youth hunt and the spring general-season hunt.

Wild turkey (Youth hunt and spring general-season hunt)

- Season dates: May 1–May 3, 2015 for youth-only hunts and May 4–May 31, 2015 for general-season hunts
- Areas open: Statewide.
- Bag limit: 1 bearded turkey
- Possession limit: 1 bearded turkey
- Footnotes: Spring general-season permits may be purchase over the counter.

Wild turkey (CWMU hunts)

- Season dates: The CWMU operator establishes the number of hunting days within the timeframe established by the Utah Wildlife Board for turkey hunting on CWMUs, April 11–May 31, 2015.
- Areas open: Broadmouth (#9500), Deer Creek (#9501), Folley Ridge (#9502), Missouri Flat (#9503) and New Harmony (#9504).
- Bag limit: 1 bearded turkey
- Possession limit: 1 bearded turkey
- Footnotes: The CWMU hunt requires a permit distributed through Utah’s turkey drawing.