

UTAH UPLAND GAME ANNUAL REPORT 2004–2005



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Utah Upland Game Annual Report 2004–2005

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Annual Performance Report for Federal Aid Project W-65-M-52 and 53

State of Utah
Department of Natural Resources
DIVISION OF WILDLIFE RESOURCES

An Equal Opportunity Employer

Kevin Conway
Director, 2002–2004

Miles Moretti
Acting Director, 2004–2005

James F. Karpowitz
Director, 2005

“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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ANNUAL PERFORMANCE REPORT

State: UTAH

Grant Number: W-65-M

Segment: 52

Grant Title: Statewide Upland Game Management Surveys and Inventories

Grant Agreement Period: October 1, 2003 thru September 30, 2004

Abstract: This report identifies progress and accomplishments of Segment No. 52 objectives, October 1, 2003-Sept. 30, 2004.

Results of annual population surveys and inventories, and harvest surveys conducted during the segment W-65-M-51, as well as harvest surveys conducted under W-65-M-52, will be included in the Utah Upland Game Annual Report 2003. Data obtained in 2003 will be compared to 2002 and long-term averages.

The Federal Aid Annual Performance Report for W-65-M-51 will be included in the Utah Upland Game Annual Report 2004, rather than this Annual Performance Report because of the annual reporting scheme initiated under W-65-R and because of the way population surveys and inventories and harvest data are collected.

Annual population surveys and inventories are collected during one segment and harvest surveys are conducted during the subsequent segment. The Utah Upland Game Annual Report is an attempt to summarize population survey and inventory data and harvest estimates for the same calendar year.

This reporting scheme may seem awkward, especially when one looks a Utah Upland Game Annual Report and sees a copy of a Federal Aid Annual Performance Report included for a segment that ended before harvest survey data was actually collected.

Because this reporting scheme is somewhat confusing, but makes the most sense from a biological perspective to report population survey and inventory information for the same calendar year as harvest, it is hoped that the above explanation clarifies any confusion. Further, it is recommended that the reporting scheme remain the same.

Project 1. Surveys and Inventories:

Activity 1. Surveys and Inventories:

Surveys and inventories are needed to provide information that will be used for managing the wildlife program on an annual basis. Three types of surveys are conducted: population surveys/inventories, habitat surveys/inventories, and harvest/effort/opinion/pressure surveys.

Summary of Work Completed During The Segment For Activity:

Population Surveys and Inventories

Pheasant

Annual inventory procedures for Ring-necked Pheasants during the segment period in the past have included scattered crowing territory counts and summer roadside counts. Both techniques were eliminated from work plans this year as the data derived has been of little management decision use other than formulating hunting season forecasts. Pheasant crowing territory counts will continue to be used sporadically in areas where population assessments are needed to evaluate habitat enhancement projects.

Mourning Dove

Mourning Dove breeding population trend was determined via the annual call count survey. This survey is part of a nationwide survey administered by the U. S. Fish and Wildlife Service. Call counts are conducted over 15 permanent, 20-mile routes in Utah. One count was made on each route between May 20-30, 2002.

Cottontail Rabbit (Desert and Mountain)

Historically, cottontail rabbit roadside counts were conducted over 24 permanent 30-mile routes between July 15 and August 22. Indices derived included rabbits per mile and young per 100 adults. A new comprehensive lagomorph survey that will capture data on cottontails as well as hares is still being devised.

Forest Grouse (Blue and Ruffed)

Opportunistic brood counts were conducted on forest grouse populations from June 15-August 22. Indices derived include mean brood size, young per 100 adults and birds observed per 100 hours of effort.

Chukar Partridge

One ten-mile helicopter transect was flown in Utah's west desert in August, 2004 to determine Chukar population densities. Index derived was Chukars per mile. This survey is flown only in Utah's west desert. Data derived from this survey has been very useful in compiling a fall hunt forecast for Chukars.

Sage-grouse

Sage-grouse strutting ground counts were conducted from March 15-May 15. Total cocks counted, average cocks per ground and percent change from 2003 for comparable grounds were determined on a county basis. New sage-grouse strutting grounds were described and mapped during the segment as located. Random brood counts were conducted on sage-grouse populations from June 15-August 22. Indices derived include mean brood size, young per 100 adults and birds observed per 100 hours of effort.

Quail (California and Gambel's)

The Gambel's Quail long-period waterhole counts were completed in July and August. Limited California Quail random brood counts were made in several counties.

Hungarian Partridge

Random brood counts were conducted on Hun populations from June 15-August 22. Indices derived include mean brood size, young per 100 adults and birds observed per 100 hours of effort.

Snowshoe Hare

A new comprehensive lagomorph survey that will capture data on cottontails as well as hares is still being devised.

Wild Turkey (Merriam's and Rio Grande subspecies)

Random brood counts were conducted on wild turkey populations from June 15-August 22. Indices derived include mean brood size, young per 100 adults and birds observed per 100 hours of effort. Winter flock count surveys were conducted from December 1-March 1. Indices derived include male per female and young per adult.

Band-tailed Pigeon

There was no work conducted on this species during the segment.

White-tailed Ptarmigan

There was no work conducted on this species during the segment.

Sharp-tailed Grouse

Sharp-tailed Grouse dancing ground counts were conducted from March 15-May 15. Total cocks counted, average cocks per ground and percent change from 2003 for comparable grounds were determined on a county basis. New sharptail dancing grounds were described and mapped during the segment as located. Random brood counts were conducted on Sharp-tailed Grouse populations from June 15-August 22. Indices derived include mean brood size, young per 100 adults and birds observed per 100 hours of effort.

Harvest Surveys and Inventories

A telephone harvest survey was conducted in January to determine the harvest of upland game birds, cottontail rabbit, and snowshoe hare. Separate written harvest questionnaires were postal-mailed to all ptarmigan (October), Band-tailed Pigeon (October), sharp-tailed grouse (November) and wild turkey (June) permittees. Indices derived from both surveys include total hunters, hunter-days, total harvest and hunter success per day, plus success for each season.

Mourning Dove and sage-grouse hunters were checked at checking stations, and random field checks were made during each upland game hunting season. Indices derived include bag per hunter (per day), bag per 100 hours, average hours per hunter-day and average hours per bird bagged. Additional sex and age composition data were compiled for Mourning Doves and sage-grouse using wing samples collected at checking stations.

Project 2. Recommendations and Management Plans:

Activity 1. Recommendations:

Recommendations are needed to translate the biological data and information collected in Project 1 into management actions to achieve wildlife population objectives and to provide diverse wildlife recreation opportunities.

Summary of Work Completed During The Segment For Activity:

Utah Division of Wildlife Resources (UDWR) personnel normally meet in April to formulate harvest recommendations for fall upland game seasons. UDWR recommendations are then normally presented at five Regional Advisory Councils and the public throughout the state in May. In June, recommendations are normally presented to the Utah Wildlife Board who makes final decisions for recommendations to include in the 2004-2005 Utah Upland Game Proclamation. In 2002, a three-year Upland Game Proclamation was adopted by the Utah Wildlife Board and as such no Regional Advisory Council or Wildlife Board meetings were held this year.

In August and September, the coordinator also presented recommendations for limited entry turkey hunting unit permits to five Regional Advisory Councils, the public and the Utah Wildlife Board. A separate Turkey Addendum to the Upland Game Proclamation was compiled, published and distributed. The purpose of the Turkey Addendum was to provide for the publishing of all Utah turkey hunting regulations, permit numbers and season dates in one document available at the time that turkey permit applications are submitted by hunters.

Activity 2. Management Plans and Management Systems:

Management plans and management systems are needed to provide measurable objectives for species and species group management on a statewide and unit level; provide a means to assess the success of the wildlife management program; and provide a system to delineate what data are needed to make decisions, what triggers will lead to which decisions, and what data is not needed to manage particular wildlife populations.

Summary of Work Completed During The Segment For Activity:

There was no work conducted under this activity during the segment.

Project 3. Technical Guidance and Information:

Activity 1. Wildlife Technical Assistance:

Wildlife technical assistance is needed to review proposed projects by government agencies, private companies and private landowners and provide technical advice to help mitigate effects on wildlife resources.

Summary of Work Completed During The Segment For Activity:

Throughout the segment, the coordinator as well as UDWR regional personnel met with government agencies, private companies, private landowners and others to make sure that upland game (i.e., habitat and populations) were considered in any planned activities. Technical guidance was provided to: assist in development and planning with other agency programs; inform landowners and other agencies of techniques and procedures that can be

used to sustain and enhance upland game; and assist landowners and other agencies in recognizing the importance of upland game in sustaining quality wildlife resources.

Activity 2. Wildlife Habitat Technical Assistance:

Wildlife habitat technical assistance is needed to plan and coordinate the implementation of wildlife habitat restoration and enhancement projects.

Summary of Work Completed During The Segment For Activity:

Throughout the segment, the coordinator as well as UDWR regional personnel:

- 1) provided upland game management input into habitat management plans on state wildlife management areas;
- 2) provided input into monitoring and evaluating habitat projects for success and effectiveness related to upland game species;
- 3) provided technical assistance on upland game habitat management to other UDWR personnel, other state agencies, federal agencies, conservation organizations and landowners; and
- 4) informed and educated private landowners about upland game habitat management practices.

Project 5. Statewide Wildlife Administration:

Activity 1. Administration and Training:

Statewide wildlife administration is needed to supervise, coordinate, administer and evaluate the wildlife management program; maintain offices and facilities necessary for the completion of studies and projects to protect and enhance Utah's wildlife resources; and provide training for wildlife management staff to maintain and improve competency as wildlife professionals.

Summary of Work Completed During The Segment For Activity:

The coordinator maintained communications with the Regional Wildlife Managers and other Wildlife Section personnel and continued trying to standardize and improve various monitoring, data analysis and reporting formats.

The coordinator developed statewide priorities for upland game management and conservation programs and relayed that information to the regions through the annual work planning process. In turn, regional personnel implemented upland game management and conservation programs throughout their respective regions.

The coordinator kept Federal Aid documents current and submitted reports and renewal papers to the Federal Aid Coordinator within the time frames prescribed. The coordinator communicated with other sections within UDWR, other governmental agencies, organizations, media, and the public.

The coordinator provided several presentations to a variety of organizations, agencies and businesses on upland game management.

Routine administrative reports and documents were completed in a timely manner.

Acquired and/or maintained equipment, office space and facilities necessary to efficiently complete administrative duties associated with studies and projects covered under the upland game program. Planned for the replacement of equipment that is worn out or out-dated.

Administered upland game budget.

Attended professional meetings and a variety of professional trainings.

PROJECT 6. Wildlife Introductions

Activity 1. Transplants and Introduction Activities

Summary of Work Completed During The Segment For Activity:

During the winter of 2003-2004, 271 Rio Grande Turkeys were transplanted from Oklahoma; 127 Rio Grande Turkeys were transplanted from South Dakota, and 313 Rio Grande Turkeys were transplanted from Texas to Utah. A total of 139 Merriam's Turkeys and 531 Rio Grande Turkeys were transplanted within Utah during this same time period. A total of 1,381 wild turkeys were trapped and transplanted to and within Utah during the segment.

Location of Work Performed: Statewide.

Actual Cost:

ANNUAL PERFORMANCE REPORT

State: UTAH

Grant Number: W-65-M

Segment: 53

Grant Title: Statewide Upland Game Management Surveys and Inventories

Grant Agreement Period: October 1, 2004 thru September 30, 2005

Abstract: This report identifies progress and accomplishments of Segment No. 53 objectives, October 1, 2004-Sept. 30, 2005.

Results of annual population surveys and inventories, and harvest surveys conducted during the segment W-65-M-52, as well as harvest surveys conducted under W-65-M-53, will be included in the Utah Upland Game Annual Report 2004. Data obtained in 2004 will be compared to 2003 and long-term averages.

The Federal Aid Annual Performance Report for W-65-M-52 will be included in the Utah Upland Game Annual Report 2005, rather than this Annual Performance Report because of the annual reporting scheme initiated under W-65-R and because of the way population surveys and inventories and harvest data are collected.

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Surveys and inventories are needed to provide information that will be used for managing the wildlife program on an annual basis. Three types of surveys are conducted: population surveys/inventories, habitat surveys/inventories, and harvest/effort/opinion/pressure surveys.

Summary of Work Completed During The Segment For Activity:

Population Surveys and Inventories

Pheasant

Annual inventory procedures for Ring-necked Pheasants during the segment period in the past have included scattered crowing territory counts and summer roadside counts. Both techniques were eliminated from work plans this year as the data derived has been of little management decision use other than formulating hunting season forecasts. Pheasant crowing territory counts will continue to be used sporadically in areas where population assessments are needed to evaluate habitat enhancement projects.

Mourning Dove

Mourning Dove breeding population trend was determined via the annual call count survey. This survey is part of a nationwide survey administered by the U. S. Fish and Wildlife Service. Call counts are conducted over 15 permanent, 20-mile routes in Utah. One count was made on each route between May 20-30.

Cottontail Rabbit (Desert and Mountain)

Historically, cottontail rabbit roadside counts were conducted over 24 permanent 30-mile routes between July 15 and August 22. Indices derived included rabbits per mile and young per 100 adults. A new comprehensive lagomorph survey that will capture data on cottontails as well as hares is still being devised.

Forest Grouse (Blue and Ruffed)

Opportunistic brood counts were conducted on forest grouse populations from June 15-August 22. Indices derived include mean brood size, young per 100 adults and birds observed per 100 hours of effort.

Chukar Partridge

One ten-mile helicopter transect was flown in Utah's west desert in August, 2005 to determine Chukar population densities. Index derived was Chukars per mile. This survey is flown only in Utah's west desert. Data derived from this survey has been very useful in compiling a fall hunt forecast for Chukars.

Sage-grouse

Sage-grouse strutting ground counts were conducted from March 15-May 15. Total cocks counted, average cocks per ground and percent change from 2004 for comparable grounds were determined on a county basis. New sage-grouse strutting grounds were described and mapped during the segment as located. Random brood counts were conducted on sage-grouse populations from June 15-August 22. Indices derived include mean brood size, young per 100 adults and birds observed per 100 hours of effort.

Quail (California and Gambel's)

Gambel's Quail long-period waterhole counts were completed in July and August.

Hungarian Partridge

No population surveys or inventories were conducted on Huns during this segment.

Snowshoe Hare

A new comprehensive lagomorph survey that will capture data on cottontails as well as hares is still being devised.

Wild Turkey (Merriam's and Rio Grande subspecies)

Limited winter flock count surveys were conducted from December 1-March 1. Indices derived include male per female and young per adult.

Band-tailed Pigeon

No population surveys or inventories were conducted on bandtails during this segment.

White-tailed Ptarmigan

No population surveys or inventories were conducted on ptarmigan during this segment.

Sharp-tailed Grouse

Sharp-tailed Grouse dancing ground counts were conducted from March 15-May 15. Total cocks counted, average cocks per ground and percent change from 2004 for comparable grounds were determined on a county basis. New sharptail dancing grounds were described and mapped during the segment as located. Random brood counts were conducted on Sharp-tailed Grouse populations from June 15-August 22. Indices derived include mean brood size, young per 100 adults and birds observed per 100 hours of effort.

Harvest Surveys and Inventories

Telephone harvest surveys were conducted from October through January as species hunting seasons closed for the year. Indices derived from the surveys include total hunters, hunter-days, total harvest and hunter success per day, plus success per season.

Mourning Dove and sage-grouse hunters were checked at checking stations, and random field checks were made during each upland game hunting season. Indices derived include bag per hunter (per day), bag per 100 hours, average hours per hunter-day and average hours per bird bagged. Additional sex and age composition data were compiled for Mourning Doves and sharp-tailed grouse using wing samples and tail feather collected at checking stations and through the mail.

Project 2. Recommendations and Management Plans:

Activity 1. Recommendations:

Recommendations are needed to translate the biological data and information collected in Project 1 into management actions to achieve wildlife population objectives and to provide diverse wildlife recreation opportunities.

Summary of Work Completed During The Segment For Activity:

Utah Division of Wildlife Resources (UDWR) personnel meet in April to formulate harvest recommendations for fall upland game seasons. UDWR recommendations are then presented at five Regional Advisory Councils and the public throughout the state in May. In June, recommendations are presented to the Utah Wildlife Board who makes final decisions for recommendations to include in the 2005-2006 Utah Upland Game Hunting Guide. Beginning in 2005, a three-year Upland Game Hunting Guide was adopted by the Utah Wildlife Board.

In September, the coordinator also presented recommendations for limited entry turkey hunting unit permits to five Regional Advisory Councils, the public and the Utah Wildlife Board. A separate Wild Turkey Hunting Guide was compiled and will be published and distributed during the next segment.

Activity 2. Management Plans and Management Systems:

Management plans and management systems are needed to provide measurable objectives for species and species group management on a statewide and unit level; provide a means to assess the success of the wildlife management program; and provide a system to delineate what data are needed to make decisions, what triggers will lead to which decisions, and what data is not needed to manage particular wildlife populations.

Summary of Work Completed During The Segment For Activity:

Very minor work was completed on development of a Strategic Management Plan for Pheasants.

Project 3. Technical Guidance and Information:

Activity 1. Wildlife Technical Assistance:

Wildlife technical assistance is needed to review proposed projects by government agencies, private companies and private landowners and provide technical advice to help mitigate effects on wildlife resources.

Summary of Work Completed During The Segment For Activity:

Throughout the segment, the coordinator as well as UDWR regional personnel met with government agencies, private companies, private landowners and others to make sure that upland game (i.e., habitat and populations) were considered in any planned activities. Technical guidance was provided to: assist in development and planning with other agency programs; inform landowners and other agencies of techniques and procedures that can be used to sustain and enhance upland game; and assist landowners and other agencies in recognizing the importance of upland game in sustaining quality wildlife resources.

Activity 2. Wildlife Habitat Technical Assistance:

Wildlife habitat technical assistance is needed to plan and coordinate the implementation of wildlife habitat restoration and enhancement projects.

Summary of Work Completed During The Segment For Activity:

Throughout the segment, the coordinator as well as UDWR regional personnel:

- 1) provided upland game management input into habitat management plans on state wildlife management areas;
- 2) provided input into monitoring and evaluating habitat projects for success and effectiveness related to upland game species;
- 3) provided technical assistance on upland game habitat management to other UDWR personnel, other state agencies, federal agencies, conservation organizations and landowners; and
- 4) informed and educated private landowners about upland game habitat management practices.

Project 5. Statewide Wildlife Administration:

Activity 1. Administration and Training:

Statewide wildlife administration is needed to supervise, coordinate, administer and evaluate the wildlife management program; maintain offices and facilities necessary for the completion of studies and projects to protect and enhance Utah's wildlife resources; and provide training for wildlife management staff to maintain and improve competency as wildlife professionals.

Summary of Work Completed During The Segment For Activity:

The coordinator maintained communications with the Regional Wildlife Managers and other Wildlife Section personnel and continued to standardize and improve various monitoring, data analysis and reporting formats.

The coordinator developed statewide priorities for upland game management and conservation programs and relayed that information to the regions through the annual work planning process. In turn, regional personnel implemented upland game management and conservation programs throughout their respective regions.

The coordinator kept Federal Aid documents current and submitted reports and renewal papers to the Federal Aid Coordinator within the time frames prescribed.

The coordinator communicated with other sections within UDWR, other governmental agencies, organizations, media, and the public.

The coordinator provided several presentations to a variety of organizations, agencies and businesses on upland game management.

Routine administrative reports and documents were completed in a timely manner.

Acquired and/or maintained equipment, office space and facilities necessary to efficiently complete administrative duties associated with studies and projects covered under the upland game program. Planned for the replacement of equipment that is worn out or out-dated.

Administered upland game budget.

Attended professional meetings and a variety of professional trainings.

Project 6. Wildlife Introductions:

Activity 1. Transplants and Introduction Activities

Summary of Work Completed During The Segment For Activity:

During the winter of 2004-2005, 877 Rio Grande Turkeys and 80 Merriam's Turkeys were transplanted within Utah. A total of 957 wild turkeys were trapped and transplanted within Utah during the segment.

A total of 35 female Greater Sage-grouse were trapped on Diamond Mountain in Uintah County and 35 female Greater Sage-grouse were trapped on Parker Mountain in Wayne County. All 70 birds were released in the Strawberry Valley area of Wasatch County as part of an ongoing effort to restore and maintain sage-grouse in this portion of Utah.

Project 9. Upland Game And Turkey Hunter Opinion Surveys:

Activity 1. Conduct Upland Game And Turkey Hunter Opinion Surveys

Develop and conduct upland game and turkey hunter opinion surveys. Analyze results of the surveys and derive management recommendations.

Summary of Work Completed During The Segment For Activity:

These surveys are being conducted by the Institute for Social Science Research on Natural Resources at Utah State University. Due to a reassignment in job duties of the coordinator from September-May, and conflicts in scheduling with the principal investigator, the upland game hunter opinion survey was not conducted during this segment. This survey will be completed during the next segment.

However, the turkey hunter opinion survey was conducted during this segment. A final report summarizing results of the turkey hunter opinion survey will be provided by the Institute for Social Science Research on Natural Resources to the Division during the next segment.

A not cost contract extension between the Division and the Institute for Social Science Research on Natural Resources was completed during the segment. Final reports for both surveys will be completed by June 30, 2006.

Location of Work Performed: Statewide.

Actual Cost:

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 32nd Annual Upland Game Report. It is an annual performance report of information compiled during inventory and harvest surveys conducted under Federal Aid Projects W-65-M-52 and 53. 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 2004–2005 and 2005–2006 upland game seasons.

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 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, Sage-grouse, 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.

Upland Game Harvest Surveys

Harvest statistics were obtained from a random sample of licensed hunters using a telephone survey and, then, projected by the total number of license holders. General upland game harvest was obtained with one survey, whereas species that required special permits were obtained using a separate survey.

In both 2004 and 2005, 2,500 upland game hunters were randomly selected for participation in the general upland game harvest survey, representing a 3.24% and 3.27% sample of licensed hunters for 2004 and 2005, respectively. Of those hunters contacted, 1,054 (42.2%) purchased a license, but did not hunt upland game in 2004, whereas 839 (33.6%) license holders purchased a license, but chose not to hunt in 2005.

For each special permit species (Band-tailed Pigeon, Sage-grouse, Sharp-tailed Grouse, White-tailed Ptarmigan, and Wild Turkey), a statistically significant number of permittees was randomly selected for participation in phone survey.

Based on the results of those surveys, a total of 44,629 sportsmen spent 233,685 days afield in pursuit of various upland game species in 2004, with the harvest totaling 259,886 animals. During 2005, 50,821 sportsmen hunted 420,994 days and harvested 521,529 upland game species. Detailed information describing the upland game harvest can be found in the following tables. Regulations for the 2004 and 2005 upland game hunting seasons are shown in Appendix C.

Summary of upland game harvest statistics, Utah 2004.

Species	Hunters afield	Total harvest	Hunter-days afield	Bag per hunter-day	Bag per hunter per season
Pheasant	13,457	32,532	48,147	0.68	2.42
Mourning Dove	13,210	104,105	46,606	2.23	7.88
Band-tailed Pigeon	60	38	120	0.32	0.63
Chukar Partridge	6,265	32,718	26,421	1.24	5.22
Sage-grouse	1,077	1,361	1,677	0.81	1.26
Forest Grouse	14,259	47,130	58,672	0.80	3.31
Quail	2,099	5,064	6,944	0.73	2.41
Hungarian Partridge	2,253	4,877	8,087	0.60	2.16
Wild Turkey					
Merriam's	459	173	1,783	0.10	0.38
Rio Grande	820	518	3,559	0.15	0.63
Sharp-tailed Grouse	218	80	325	0.25	0.37
White-tailed Ptarmigan	61	23	139	0.17	0.38
Cottontail Rabbit	6,358	30,586	28,828	1.06	4.81
Snowshoe Hare	525	681	2,377	0.29	1.30
Total	44,629*	259,886	233,685	—	—

*This is not the total of the column because many hunters hunted multiple species.

Summary of upland game harvest statistics, Utah 2005.

Species	Hunters afield	Total harvest	Hunter-days afield	Bag per hunter-day	Bag per hunter per season
Pheasant	26,864	82,671	112,532	0.73	3.08
Mourning Dove	15,849	147,903	71,138	2.08	9.33
Band-tailed Pigeon	52	37	162	0.23	0.71
Chukar Partridge	11,565	71,134	67,373	1.06	6.15
Sage-grouse	1,231	1,744	1,904	0.92	1.42
Forest Grouse	13,371	46,631	61,866	0.75	3.49
Quail	3,519	18,756	16,492	1.14	5.33
Hungarian Partridge	4,345	19,214	24,783	0.78	4.42
Wild Turkey					
Merriam's	441	208	1,497	0.14	0.47
Rio Grande	1,215	745	5,428	0.14	0.61
Sharp-tailed Grouse	170	149	254	0.59	0.88
White-tailed Ptarmigan	98	69	225	0.31	0.70
Cottontail Rabbit	12,575	98,827	85,059	1.16	7.86
Snowshoe Hare	612	3,580	2,142	1.67	5.85
Total	50,821*	521,529	420,994	—	—

*This is not the total of the column because many hunters hunted multiple species.

Number of total upland game hunters afield by species, Utah 1996–2005.

Species	Year									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Pheasant	41,854	37,622	35,130	36,211	41,074	26,468	22,149	20,773	13,457	26,864
Mourning Dove	23,180	22,594	18,030	20,926	23,916	13,715	13,619	14,625	13,210	15,849
Band-tailed Pigeon	37	58	68	49	53	86	58	107	60	52
Chukar Partridge	10,197	9,665	9,283	14,388	14,056	7,338	6,944	8,118	6,265	11,565
Sage-grouse	5,574	4,178	3,559	4,830	1,456	1,242	521	767	1,077	1,231
Forest Grouse	15,492	10,206	9,166	16,941	24,338	14,260	13,020	15,669	14,259	13,371
Quail	4,622	3,637	3,211	4,002	3,828	3,140	2,394	2,537	2,099	3,519
Hungarian Partridge	2,299	2,328	2,350	6,211	3,349	2,596	2,694	2,656	2,253	4,345
Wild Turkey										
Merriam's	320	339	309	327	396	548	622	617	459	441
Rio Grande	166	229	254	413	615	769	876	810	820	1,215
Sharp-tailed Grouse	--	--	235	332	364	309	71	249	218	170
White-tailed Ptarmigan	12	18	45	34	65	114	59	114	61	98
Cottontail rabbit	14,470	12,263	10,585	15,475	15,797	8,620	7,483	8,685	6,358	12,575
Snowshoe hare	2,276	1,912	1,093	2,139	1,855	417	658	686	525	612
Total hunters*	57,401	54,125	50,740	55,553	54,716	45,150	44,238	48,261	44,629	50,821

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

Percent of upland game hunters afield who reported hunting each species, Utah 1996–2005.

Species	Year									
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Pheasant	72.92	69.51	69.24	71.37	75.07	58.62	50.07	43.04	30.15	52.86
Mourning Dove	40.38	41.74	35.53	41.24	43.71	30.38	30.79	30.30	29.60	31.19
Band-tailed Pigeon	0.06	0.11	0.13	0.10	0.10	0.19	0.13	0.22	0.13	0.10
Chukar Partridge	17.76	17.86	18.30	28.36	25.69	16.25	15.70	16.82	14.04	22.76
Sage-grouse	9.71	7.72	7.01	9.52	2.66	2.75	1.18	1.59	2.41	2.42
Forest Grouse	26.99	18.86	18.06	33.39	44.48	31.58	29.43	32.47	31.95	26.31
Quail	8.05	6.72	6.33	7.89	7.00	6.95	5.41	5.26	4.70	6.92
Hungarian Partridge	4.01	4.30	4.63	12.24	6.12	5.75	6.09	5.50	5.05	8.55
Wild Turkey										
Merriam's	0.56	0.63	0.61	0.64	0.72	1.21	1.41	1.28	1.03	0.87
Rio Grande	0.29	0.42	0.50	0.81	1.12	1.70	1.98	1.68	1.84	2.39
Sharp-tailed Grouse	--	--	0.46	0.65	0.67	0.68	0.16	0.52	0.49	0.33
White-tailed Ptarmigan	0.02	0.03	0.09	0.07	0.12	0.25	0.13	0.24	0.14	0.19
Cottontail rabbit	25.21	22.66	20.86	30.50	28.87	19.09	16.92	18.00	14.25	24.74
Snowshoe hare	3.97	3.53	2.15	4.22	3.39	0.92	1.49	1.42	1.18	1.20

*Although Band-tailed Pigeon, Sage-grouse, Sharp-tailed Grouse, Wild Turkey, and White-tailed Ptarmigan harvest were determined by separate surveys, it is assumed that these hunters are derived from the same group of hunters who reported hunting other upland species.

Number of hunters who failed to harvest at least one animal during the season, Utah 2001–2005.

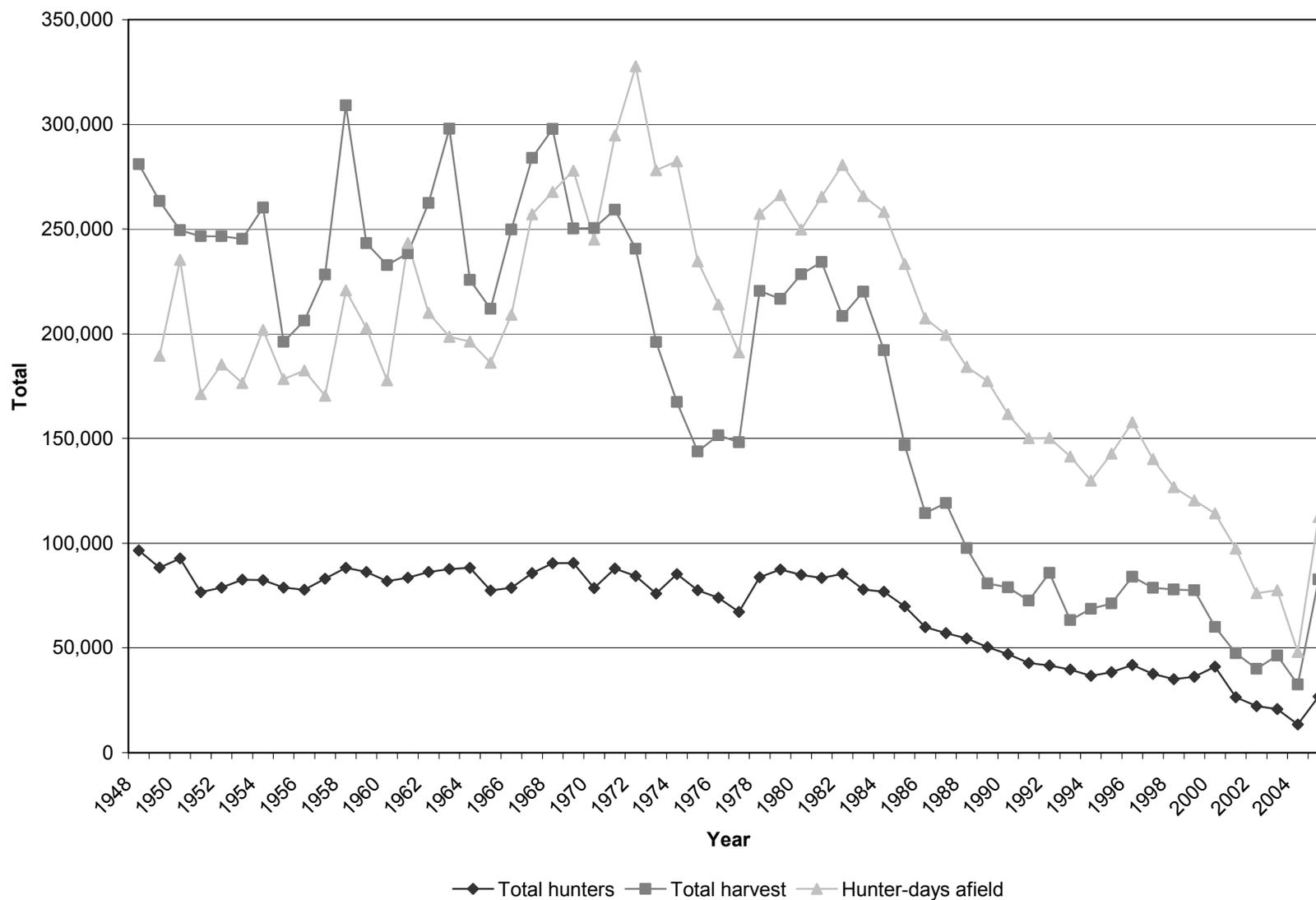
Year	Percentage of upland game hunters who failed to harvest at least one animal during the season						
	Pheasant	Mourning Dove	Band-tailed Pigeon	Chukar Partridge	Sage-Grouse	Forest Grouse	Quail
2001	43	29	64	46	43	31	41
2002	45	21	72	52	45	36	54
2003	36	24	68	43	22	29	47
2004	33	23	85	40	30	34	57
2005	31	20	63	33	22	30	29
Average (2001–2004)	39	24	72	45	35	32	50

Year	Percentage of upland game hunters who failed to harvest at least one animal during the season						
	Hungarian Partridge	Merriam's Wild Turkey	Rio Grande Wild Turkey	Sharp-tailed Grouse	White-tailed Ptarmigan	Cottontail Rabbit	Snowshoe Hare
2001	49	34	31	64	77	26	62
2002	60	51	45	60	77	35	73
2003	39	66	38	51	88	26	52
2004	49	62	37	77	88	27	47
2005	34	53	39	45	81	15	35
Average (2001–2004)	50	53	38	63	83	29	58

PHEASANT

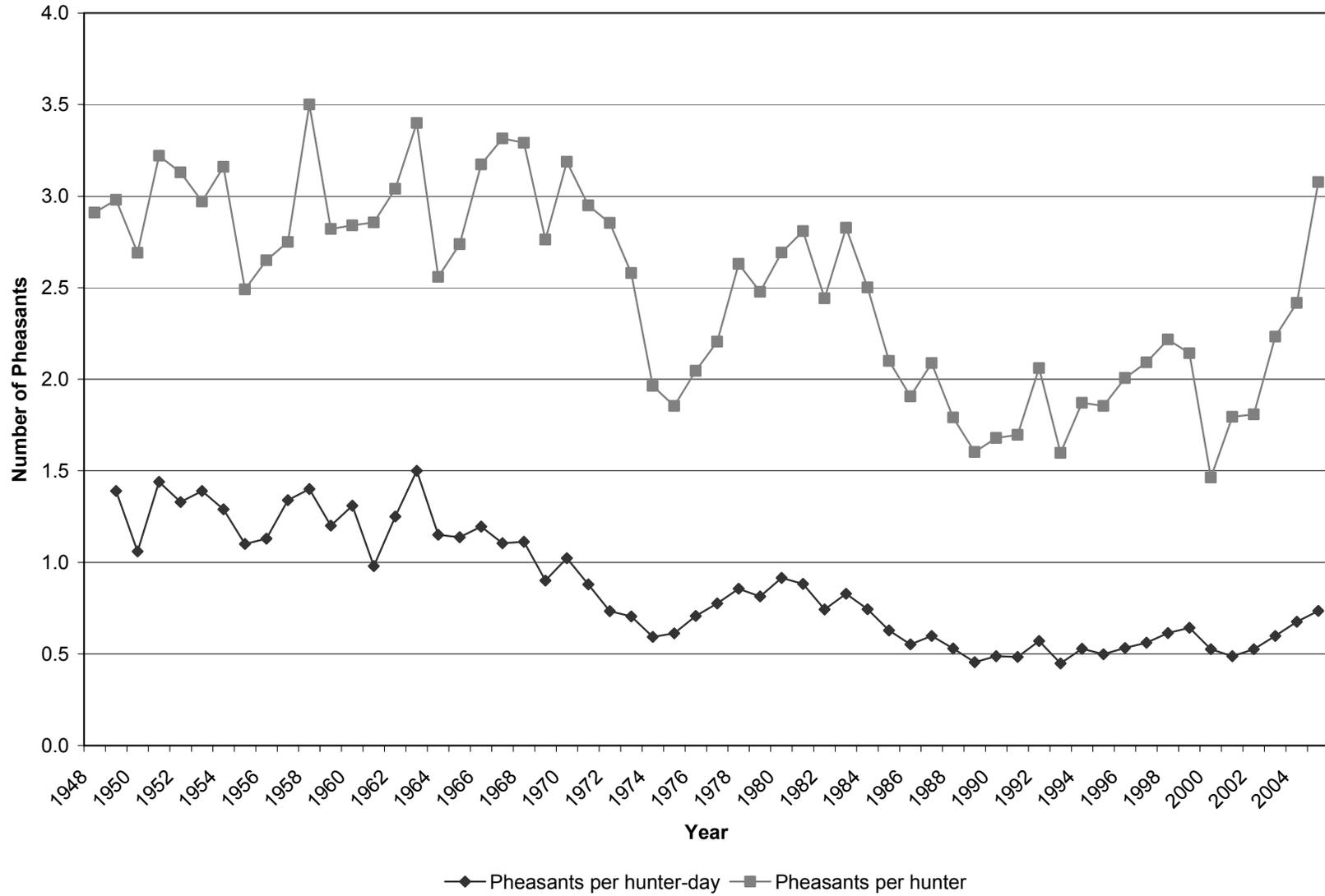


Statewide trends of Pheasant harvest statistics, Utah 1948–2005.



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

Statewide trends of Pheasant hunter success, Utah 1948–2005.



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

Pheasant harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Pheasants bagged	Pheasants / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	68	2,099	7,130	5,093	0.71	14.8	15.7
Cache	88	2,716	11,234	8,889	0.79	23.3	27.3
Davis	25	772	2,531	1,358	0.54	5.3	4.2
Morgan	3	93	216	154	0.71	0.4	0.5
Rich	—	—	—	—	—	—	—
Summit	—	—	—	—	—	—	—
Weber	33	1,019	3,549	1,420	0.40	7.4	4.4
Regional total	217	6,699	24,660	16,914	0.69	51.2	52.0
Central Region							
Juab	19	586	2,438	864	0.35	5.1	2.7
Salt Lake	7	216	370	247	0.67	0.8	0.8
Sanpete	21	648	2,099	1,636	0.78	4.4	5.0
Tooele	13	401	1,142	648	0.57	2.4	2.0
Utah	75	2,315	7,130	4,167	0.58	14.8	12.8
Wasatch	—	—	—	—	—	—	—
Regional total	135	4,166	13,179	7,562	0.57	27.4	23.2
Southern Region							
Beaver	—	—	—	—	—	—	—
Garfield	—	—	—	—	—	—	—
Iron	1	31	62	62	1.00	0.1	0.2
Kane	—	—	—	—	—	—	—
Millard	17	525	802	525	0.65	1.7	1.6
Piute	—	—	—	—	—	—	—
Sevier	17	525	1,944	1,728	0.89	4.0	5.3
Washington	3	93	154	31	0.20	0.3	0.1
Wayne	—	—	—	—	—	—	—
Regional total	38	1,174	2,962	2,346	0.79	6.2	7.2
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	15	463	772	648	0.84	1.6	2.0
Uintah	25	772	2,685	1,481	0.55	5.6	4.6
Regional total	40	1,235	3,457	2,129	0.62	7.2	6.5
Southeastern Region							
Carbon	6	185	1,049	432	0.41	2.2	1.3
Emery	12	370	1,636	1,420	0.87	3.4	4.4
Grand	2	62	93	93	1.00	0.2	0.3
San Juan	2	62	62	93	1.50	0.1	0.3
Regional total	22	679	2,840	2,038	0.72	5.9	6.3
Unknown	18	556	1,049	1,543	1.47	2.2	4.7
Statewide total*	436	13,457	48,147	32,532	0.68	100.0	100.0

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

Pheasant harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Pheasants bagged	Pheasants / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	179	5,477	24,630	18,419	0.75	21.9	22.3
Cache	253	7,741	35,216	28,149	0.80	31.3	34.0
Davis	—	—	—	—	—	—	—
Morgan	1	31	92	0	0.00	0.1	0.0
Rich	1	31	153	0	0.00	0.1	0.0
Summit	—	—	—	—	—	—	—
Weber	—	—	—	—	—	—	—
Regional total	434	13,280	60,091	46,568	0.77	53.4	56.3
Central Region							
Juab	69	2,111	8,628	4,651	0.54	7.7	5.6
Salt Lake	—	—	—	—	—	—	—
Sanpete	157	4,804	16,828	13,003	0.77	15.0	15.7
Tooele	7	214	948	214	0.23	0.8	0.3
Utah	15	459	1,071	1,469	1.37	1.0	1.8
Wasatch	—	—	—	—	—	—	—
Regional total	248	7,588	27,475	19,337	0.70	24.4	23.4
Southern Region							
Beaver	6	184	2,050	275	0.13	1.8	0.3
Garfield	—	—	—	—	—	—	—
Iron	3	92	122	92	0.75	0.1	0.1
Kane	1	31	61	61	1.00	0.1	0.1
Millard	19	581	1,132	826	0.73	1.0	1.0
Piute	2	61	92	31	0.34	0.1	0.0
Sevier	61	1,866	5,966	3,427	0.57	5.3	4.1
Washington	18	551	2,387	1,713	0.72	2.1	2.1
Wayne	3	92	245	306	1.25	0.2	0.4
Regional total	113	3,458	12,055	6,731	0.56	10.7	8.1
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	25	765	2,631	1,438	0.55	2.3	1.7
Uintah	21	643	3,304	1,836	0.56	2.9	2.2
Regional total	46	1,408	5,935	3,274	0.55	5.3	4.0
Southeastern Region							
Carbon	7	214	765	398	0.52	0.7	0.5
Emery	39	1,193	3,763	3,396	0.90	3.3	4.1
Grand	4	122	245	214	0.87	0.2	0.3
San Juan	1	31	61	61	1.00	0.1	0.1
Regional total	51	1,560	4,834	4,069	0.84	4.3	4.9
Unknown	20	612	2,142	2,692	1.26	1.9	3.3
Statewide total*	878	26,864	112,532	82,671	0.73	100.0	100.0

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

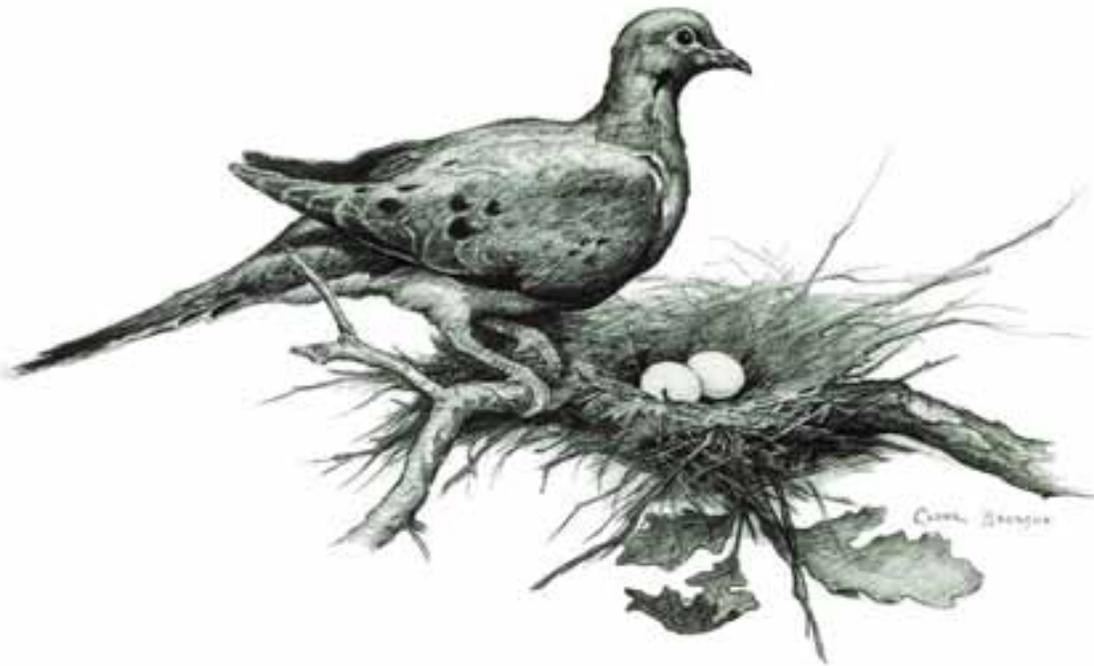
Statewide Pheasant harvest statistics, Utah 1948–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Pheasants / hunter-day	Pheasants / hunter
1948	96,534	280,914	—	—	2.91
1949	88,369	263,340	189,453	1.39	2.98
1950	92,724	249,428	235,309	1.06	2.69
1951	76,576	246,575	171,233	1.44	3.22
1952	78,773	246,559	185,383	1.33	3.13
1953	82,595	245,307	176,480	1.39	2.97
1954	82,370	260,289	201,774	1.29	3.16
1955	78,793	196,195	178,359	1.10	2.49
1956	77,826	206,239	182,512	1.13	2.65
1957	83,025	228,319	170,387	1.34	2.75
1958	88,290	309,015	220,725	1.40	3.50
1959	86,268	243,276	202,730	1.20	2.82
1960	81,976	232,812	177,719	1.31	2.84
1961	83,493	238,439	243,305	0.98	2.86
1962	86,336	262,448	209,921	1.25	3.04
1963	87,647	297,873	198,582	1.50	3.40
1964	88,242	225,775	196,314	1.15	2.56
1965	77,409	211,876	186,215	1.14	2.74
1966	78,721	249,814	209,082	1.19	3.17
1967	85,664	284,000	257,033	1.10	3.32
1968	90,453	297,752	267,788	1.11	3.29
1969	90,573	250,241	277,887	0.90	2.76
1970	78,585	250,503	244,958	1.02	3.19
1971	87,878	259,189	294,618	0.88	2.95
1972	84,311	240,573	327,669	0.73	2.85
1973	75,968	196,012	278,033	0.70	2.58
1974	85,252	167,408	282,294	0.59	1.96
1975	77,566	143,783	234,615	0.61	1.85
1976	74,029	151,476	214,023	0.71	2.05
1977	67,195	148,168	191,142	0.78	2.21
1978	83,800	220,398	257,305	0.86	2.63
1979	87,462	216,700	266,245	0.81	2.48
1980	84,868	228,442	249,770	0.91	2.69
1981	83,408	234,217	265,381	0.88	2.81
1982	85,368	208,437	280,624	0.74	2.44
1983	77,847	220,074	265,731	0.83	2.83
1984	76,840	192,190	258,169	0.74	2.50
1985	69,889	146,807	233,328	0.63	2.10

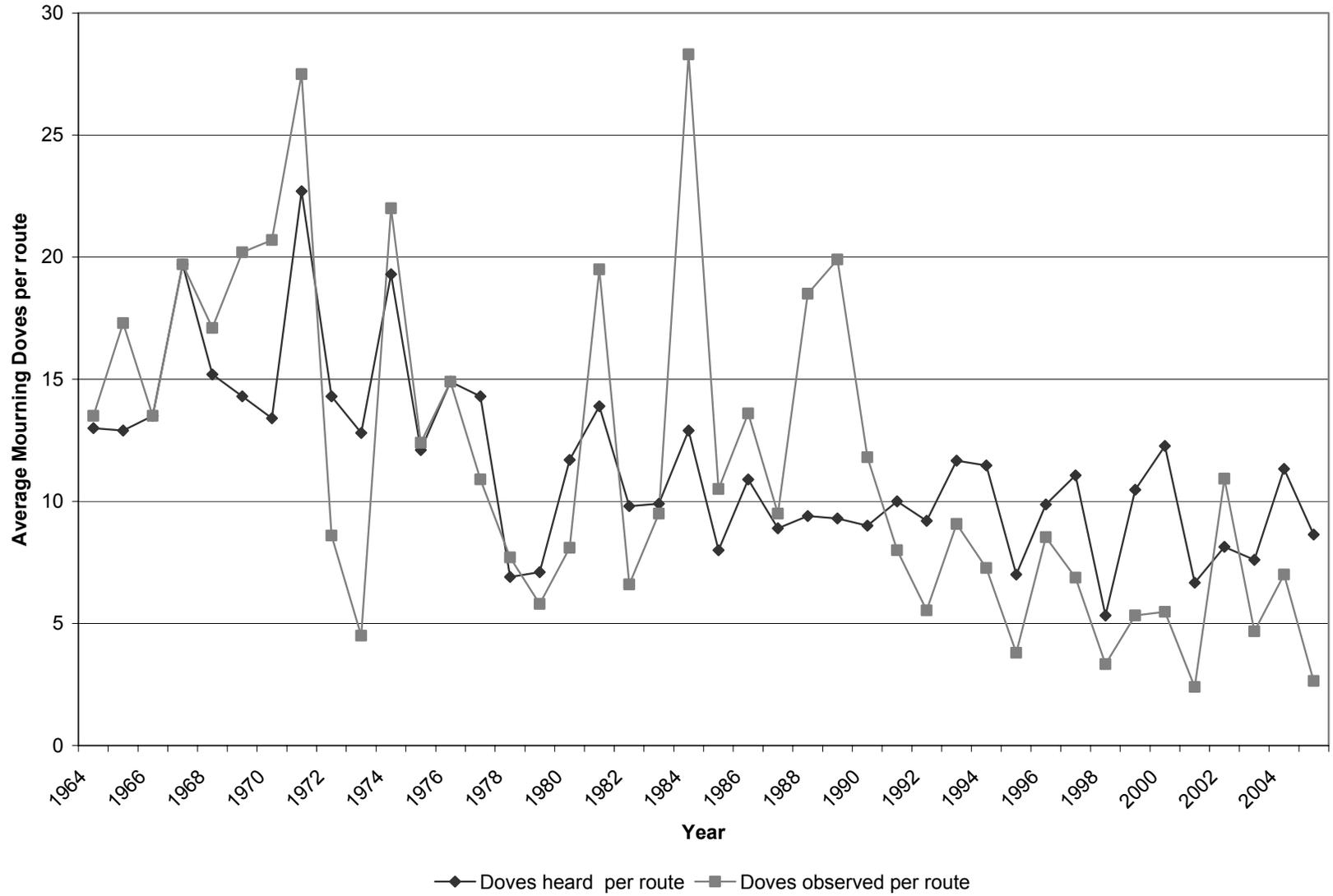
Statewide Pheasant harvest statistics, Utah 1948–2005 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Pheasants / hunter-day	Pheasants / hunter
1986	59,987	114,389	207,346	0.55	1.91
1987	57,118	119,236	199,470	0.60	2.09
1988	54,514	97,658	184,180	0.53	1.79
1989	50,382	80,769	177,364	0.46	1.60
1990	47,025	78,944	161,634	0.49	1.68
1991	42,813	72,612	150,096	0.48	1.70
1992	41,640	85,803	150,244	0.57	2.06
1993	39,640	63,336	141,399	0.45	1.60
1994	36,705	68,698	129,872	0.53	1.87
1995	38,391	71,202	142,755	0.50	1.85
1996	41,854	83,987	157,755	0.53	2.01
1997	37,622	78,693	140,135	0.56	2.09
1998	35,130	77,889	126,792	0.61	2.22
1999	36,211	77,545	120,502	0.64	2.14
2000	41,074	60,108	114,226	0.53	1.46
2001	26,468	47,521	97,413	0.49	1.80
2002	22,149	40,048	76,178	0.53	1.81
2003	20,773	46,382	77,603	0.60	2.23
2004	13,457	32,532	48,147	0.68	2.42
2005	26,864	82,671	112,532	0.73	3.08
Total (1948–2005)	3,912,740	10,230,886	11,197,739	—	—
Average (1948–2004)	68,173	178,039	197,950	0.90	2.61
% change from previous year	100	154	134	9	27
% change from average	-61	-54	-43	-18	18

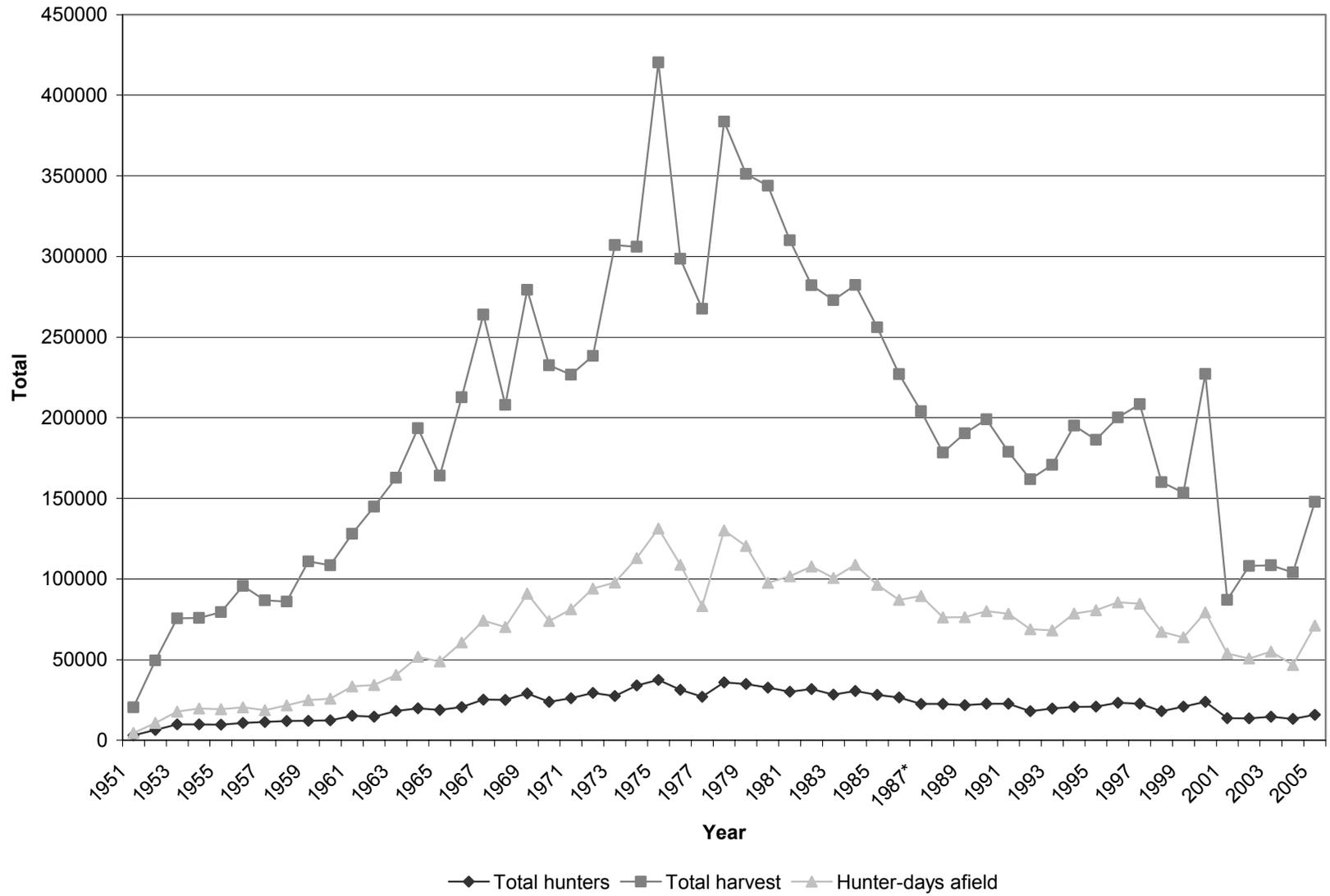
MOURNING DOVE



Mourning Dove breeding density index trend, Utah 1964–2005.

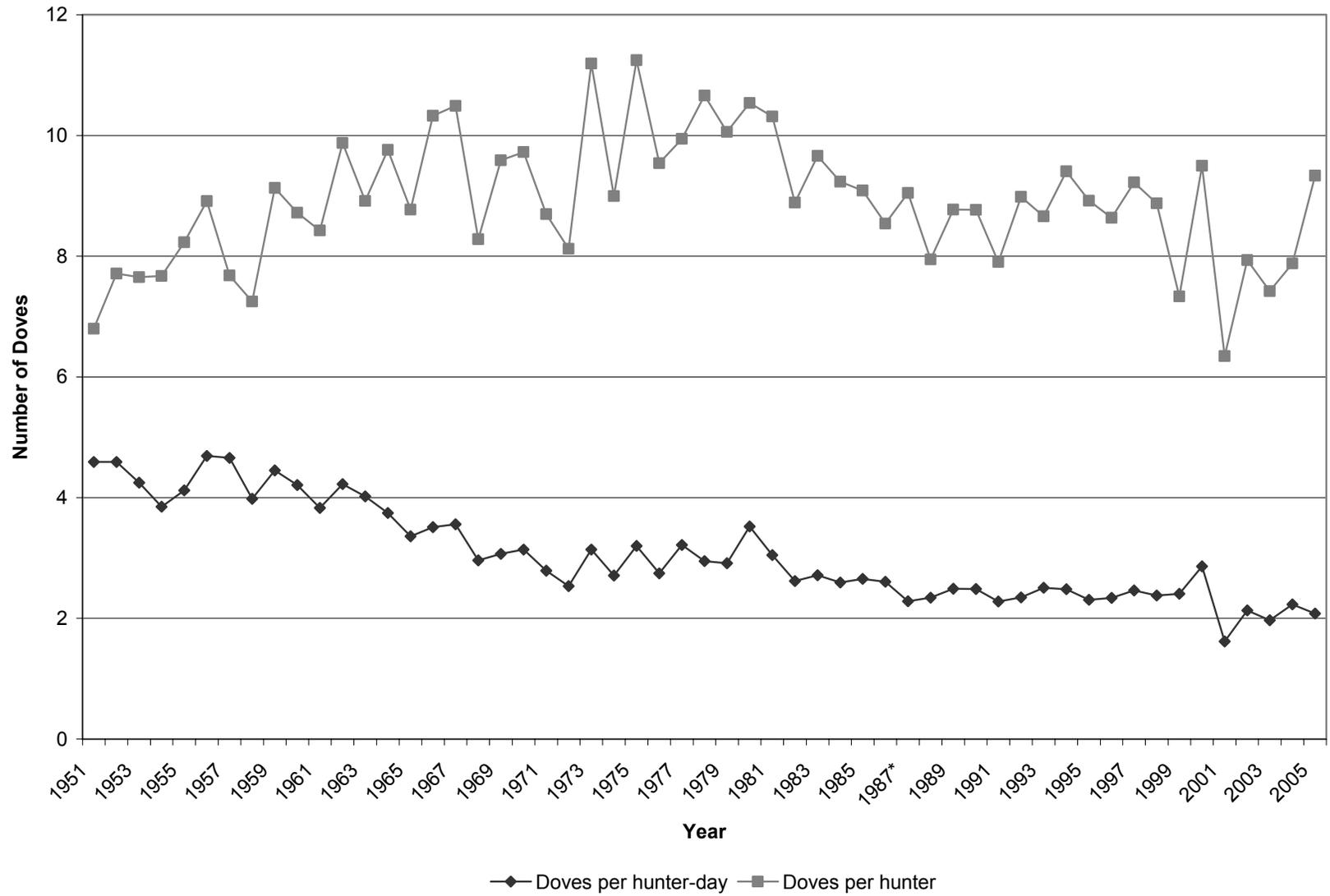


Statewide trends of Dove harvest statistics, Utah 1951–2005.



*Beginning in 2005, hunters were allowed to harvest both Mourning Doves and White-winged Doves. Harvest numbers for this year include both species.

Statewide trends of Dove hunter success, Utah 1951–2005.



*Beginning in 2005, hunters were allowed to harvest both Mourning Doves and White-winged Doves. Harvest numbers for this year include both species.

Summary of Mourning Dove call-count surveys by county and region, Utah 2004–2005.

Region and county	Route number	Total Doves heard per route		Total Doves observed per route	
		2004	2005	2004	2005
Northern Region					
Box Elder	R1500	14	13	21	3
Summit	R1020	7	2	1	1
Regional total		21	15	22	4
Central Region					
Juab	R2830	37	34	7	1
Regional total		37	34	7	1
Southern Region					
Beaver	R3820	7	2	4	5
Garfield	R1090	5	3	0	0
Iron	R4001	27	23	3	0
Millard	R3640	1	—	0	—
Sevier-Sanpete	R0370	6	4	14	10
Washington	R4311	7	11	1	0
Wayne-Sevier	R0660	3	0	0	0
Regional total		56	43	22	15
Northeastern Region					
Duchesne	R0080	12	3	24	9
Uintah	R0220	6	15	0	5
Regional total		18	18	24	14
Southeastern Region					
Emery	R0540	10	3	4	0
San Juan	R1171	15	1	21	3
San Juan	R1452*	13	7	5	0
Regional total		38	11	30	3
Statewide total		170	121	105	37
Statewide average		11.33	8.64	7.00	2.64
% change from previous year		49	-24	50	-62
Previous year average		7.60	11.33	4.67	7.00

*R1452 was a new route in 2004, replacing R1451

Statewide trends of Mourning Dove call-count surveys, Utah 1964–2005.

Year	Doves heard / route	Calls heard / route	Doves observed / route
1964	13.0	73.4	13.5
1965	12.9	49.3	17.3
1966	13.5	67.5	13.5
1967	19.7	79.5	19.7
1968	15.2	82.7	17.1
1969	14.3	80.7	20.2
1970	13.4	54.3	20.7
1971	22.7	83.6	27.5
1972	14.3	55.7	8.6
1973	12.8	46.3	4.5
1974	19.3	74.8	22.0
1975	12.1	31.0	12.4
1976	14.9	69.5	14.9
1977	14.3	51.1	10.9
1978	6.9	25.5	7.7
1979	7.1	28.1	5.8
1980	11.7	49.6	8.1
1981	13.9	66.9	19.5
1982	9.8	42.1	6.6
1983	9.9	43.2	9.5
1984	12.9	58.7	28.3
1985	8.0	32.2	10.5
1986	10.9	46.6	13.6
1987	8.9	36.2	9.5
1988	9.4	42.4	18.5
1989	9.3	43.5	19.9
1990	9.0	53.9	11.8
1991	10.0	—	8.0
1992	9.2	—	5.5
1993	11.7	—	9.1
1994	11.5	—	7.3
1995	7.0	—	3.8
1996	9.9	—	8.5
1997	11.1	—	6.9
1998	5.3	—	3.3
1999	10.5	—	5.3
2000	12.3	—	5.5
2001	6.7	—	2.4
2002	8.1	—	10.9
2003	7.6	—	4.7
2004	11.3	—	7.0
2005	8.6	—	2.6
Average (1964–2004)	11.4	54.4	11.5
% change from previous year	-23.7	—	-62.3
% change from average	-24.5	—	-77.0

Mourning Dove breeding population trend based on random call-count surveys, Utah 1996–2005.

Region and county	Route number	Number of Mourning Doves heard / route									
		1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Northern Region											
Box Elder	R1500	0	3	—	3	3	6	0	5	14	13
Summit	R1020	1	3	3	5	1	1	6	6	7	2
Regional total		1	6	3	8	4	7	6	11	21	15
Central Region											
Juab	R2830	41	22	—	47	37	34	15	9	37	34
Regional total		41	22	0	47	37	34	15	9	37	34
Southern Region											
Beaver	R3820	1	12	5	5	22	2	12	1	7	2
Garfield	R1090	0	0	0	0	13	1	2	2	5	3
Iron	R4001	4	37	26	24	26	20	21	17	27	23
Millard	R3640	16	7	8	3	7	0	3	4	1	—
Sevier-Sanpete	R0370	5	6	4	5	6	5	5	6	6	4
Washington	R4311	1	4	1	2	5	4	2	7	7	11
Wayne-Sevier	R0660	15	3	0	8	27	1	8	11	3	0
Regional total		42	69	44	47	106	33	53	48	56	43
Northeastern Region											
Duchesne	R0080	6	3	4	12	5	4	12	12	12	3
Uintah	R0220	6	3	1	7	2	4	13	8	6	15
Regional total		12	6	5	19	7	8	25	20	18	18
Southeastern Region											
Emery	R0540	7	30	17	8	4	10	—	5	10	3
San Juan	R1171	43	19	10	27	22	5	13	17	15	1
San Juan	R1451/R1452	2	14	1	1	4	3	2	4	13	7
Regional total		52	63	28	36	30	18	15	26	38	11
Statewide total		148	166	80	157	184	100	114	114	170	121
Statewide average		9.9	11.1	6.2	10.5	12.3	6.7	8.1	7.6	11.3	8.6
% change from previous year		41	12	-44	70	17	-46	22	-7	49	-24

*Route R1451 was discontinued after 2003 and replaced with route R1452.

Mourning Dove harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Doves bagged	Doves / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	54	1,667	5,463	14,969	2.74	11.7	14.4
Cache	24	741	2,809	5,278	1.88	6.0	5.1
Davis	18	556	1,790	2,407	1.34	3.8	2.3
Morgan	7	216	617	2,130	3.45	1.3	2.0
Rich	2	62	988	1,327	1.34	2.1	1.3
Summit	3	93	154	31	0.20	0.3	0.0
Weber	32	988	3,642	6,142	1.69	7.8	5.9
Regional total	140	4,323	15,463	32,284	2.09	33.2	31.0
Central Region							
Juab	24	741	1,728	4,568	2.64	3.7	4.4
Salt Lake	7	216	432	679	1.57	0.9	0.7
Sanpete	23	710	1,852	6,111	3.30	4.0	5.9
Tooele	47	1,451	3,580	11,049	3.09	7.7	10.6
Utah	103	3,179	8,148	21,204	2.60	17.5	20.4
Wasatch	3	93	154	93	0.60	0.3	0.1
Regional total	207	6,390	15,894	43,704	2.75	34.1	42.0
Southern Region							
Beaver	7	216	556	1,420	2.55	1.2	1.4
Garfield	2	62	62	0	0.00	0.1	0.0
Iron	9	278	1,142	2,253	1.97	2.5	2.2
Kane	2	62	247	31	0.13	0.5	0.0
Millard	25	772	2,006	5,062	2.52	4.3	4.9
Piute	—	—	—	—	—	—	—
Sevier	17	525	2,654	3,549	1.34	5.7	3.4
Washington	11	340	1,543	4,444	2.88	3.3	4.3
Wayne	—	—	—	—	—	—	—
Regional total	73	2,255	8,210	16,759	2.04	17.6	16.1
Northeastern Region							
Daggett	1	31	62	247	3.98	0.1	0.2
Duchesne	5	154	340	957	2.81	0.7	0.9
Uintah	8	247	525	1,111	2.12	1.1	1.1
Regional total	14	432	927	2,315	2.50	2.0	2.2
Southeastern Region							
Carbon	12	370	2,037	1,204	0.59	4.4	1.2
Emery	8	247	772	833	1.08	1.7	0.8
Grand	1	31	309	1,389	4.50	0.7	1.3
San Juan	2	62	772	2,160	2.80	1.7	2.1
Regional total	23	710	3,890	5,586	1.44	8.3	5.4
Unknown	22	679	2,222	3,457	1.56	4.8	3.3
Statewide total*	428	13,210	46,606	104,105	2.23	100.0	100.0

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

Dove harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Doves bagged	Doves / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	76	2,325	11,229	25,395	2.26	15.8	17.2
Cache	65	1,989	8,598	13,952	1.62	12.1	9.4
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	1	31	31	0	0.00	0.0	0.0
Summit	3	92	459	459	1.00	0.6	0.3
Weber	1	31	122	306	2.51	0.2	0.2
Regional total	146	4,468	20,439	40,112	1.96	28.7	27.1
Central Region							
Juab	68	2,081	8,598	16,797	1.95	12.1	11.4
Salt Lake	—	—	—	—	—	—	—
Sanpete	68	2,081	6,823	9,118	1.34	9.6	6.2
Tooele	2	61	184	1,285	6.98	0.3	0.9
Utah	8	245	1,193	3,366	2.82	1.7	2.3
Wasatch	—	—	—	—	—	—	—
Regional total	146	4,468	16,798	30,566	1.82	23.6	20.7
Southern Region							
Beaver	28	857	2,968	9,607	3.24	4.2	6.5
Garfield	2	61	153	490	3.20	0.2	0.3
Iron	44	1,346	5,048	14,594	2.89	7.1	9.9
Kane	—	—	—	—	—	—	—
Millard	13	398	948	3,182	3.36	1.3	2.2
Piute	6	184	581	1,377	2.37	0.8	0.9
Sevier	39	1,193	4,804	10,097	2.10	6.8	6.8
Washington	38	1,163	5,263	13,799	2.62	7.4	9.3
Wayne	5	153	1,897	918	0.48	2.7	0.6
Regional total	175	5,355	21,662	54,064	2.50	30.5	36.6
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	8	245	1,836	2,845	1.55	2.6	1.9
Uintah	5	153	704	520	0.74	1.0	0.4
Regional total	13	398	2,540	3,365	1.32	3.6	2.3
Southeastern Region							
Carbon	12	367	1,530	3,274	2.14	2.2	2.2
Emery	26	796	3,702	6,762	1.83	5.2	4.6
Grand	11	337	1,438	2,998	2.08	2.0	2.0
San Juan	11	337	979	2,723	2.78	1.4	1.8
Regional total	60	1,837	7,649	15,757	2.06	10.8	10.7
Unknown	16	490	2,050	4,039	1.97	2.9	2.7
Statewide total*	518	15,849	71,138	147,903	2.08	100.0	100.0

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

**Hunters were allowed to harvest both Mourning Doves and White-winged Doves. Harvest numbers include both species.

Statewide Dove harvest statistics, Utah 1951–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Doves / hunter-day	Doves / hunter
1951	3,007	20,448	4,455	4.59	6.80
1952	6,420	49,498	10,784	4.59	7.71
1953	9,887	75,636	17,797	4.25	7.65
1954	9,901	75,941	19,724	3.85	7.67
1955	9,653	79,444	19,282	4.12	8.23
1956	10,744	95,729	20,411	4.69	8.91
1957	11,298	86,769	18,620	4.66	7.68
1958	11,853	85,934	21,591	3.98	7.25
1959	12,142	110,856	24,911	4.45	9.13
1960	12,440	108,477	25,766	4.21	8.72
1961	15,192	128,001	33,434	3.83	8.43
1962	14,663	144,826	34,281	4.22	9.88
1963	18,258	162,769	40,490	4.02	8.91
1964	19,829	193,538	51,671	3.75	9.76
1965	18,710	164,087	48,835	3.36	8.77
1966	20,594	212,696	60,608	3.51	10.33
1967	25,161	263,949	74,171	3.56	10.49
1968	25,105	207,922	70,186	2.96	8.28
1969	29,131	279,311	90,965	3.07	9.59
1970	23,908	232,469	73,984	3.14	9.72
1971	26,064	226,645	81,271	2.79	8.70
1972	29,341	238,354	94,046	2.53	8.12
1973	27,435	307,062	97,788	3.14	11.19
1974	34,021	306,076	112,967	2.71	9.00
1975	37,378	420,308	131,312	3.20	11.24
1976	31,293	298,505	108,780	2.74	9.54
1977	26,905	267,487	83,218	3.21	9.94
1978	35,985	383,696	130,173	2.95	10.66
1979	34,903	351,161	120,459	2.92	10.06
1980	32,627	343,851	97,644	3.52	10.54
1981	30,060	310,068	101,728	3.05	10.31
1982	31,756	282,188	107,728	2.62	8.89
1983	28,258	272,979	100,568	2.71	9.66
1984	30,573	282,307	108,793	2.59	9.23
1985	28,183	256,045	96,507	2.65	9.09

*Bag limit increased to 15 in 1982, and then reduced to 10 in 1987.

** Beginning in 2005, hunters were allowed to harvest both Mourning Doves and White-winged doves. Harvest numbers for this year include both species.

Statewide Dove harvest statistics, Utah 1951–2005 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Doves / hunter-day	Doves / hunter
1986	26,583	226,985	87,084	2.61	8.54
1987	22,553	204,030	89,378	2.28	9.05
1988	22,457	178,469	76,219	2.34	7.95
1989	21,696	190,328	76,372	2.49	8.77
1990	22,700	199,007	80,076	2.49	8.77
1991	22,632	178,853	78,405	2.28	7.90
1992	18,021	161,902	68,937	2.35	8.98
1993	19,725	170,834	68,143	2.51	8.66
1994	20,743	195,089	78,594	2.48	9.41
1995	20,896	186,336	80,688	2.31	8.92
1996	23,180	200,167	85,613	2.34	8.64
1997	22,594	208,331	84,638	2.46	9.22
1998	18,030	160,014	67,234	2.38	8.87
1999	20,926	153,487	63,796	2.41	7.33
2000	23,916	227,148	79,356	2.86	9.50
2001	13,715	86,998	53,736	1.62	6.34
2002	13,619	108,051	50,644	2.13	7.93
2003	14,625	108,521	55,067	1.97	7.42
2004	13,210	104,105	46,606	2.23	7.88
2005	15,849	147,903	71,138	2.08	9.33
Total (1951–2005)	1,170,348	10,721,590	3,776,672	—	—
Average (1951–2004)	21,380	195,809	68,621	2.85	9.16
% change from previous year	20	42	53	-7	18
% change from average	-26	-24	4	-27	2

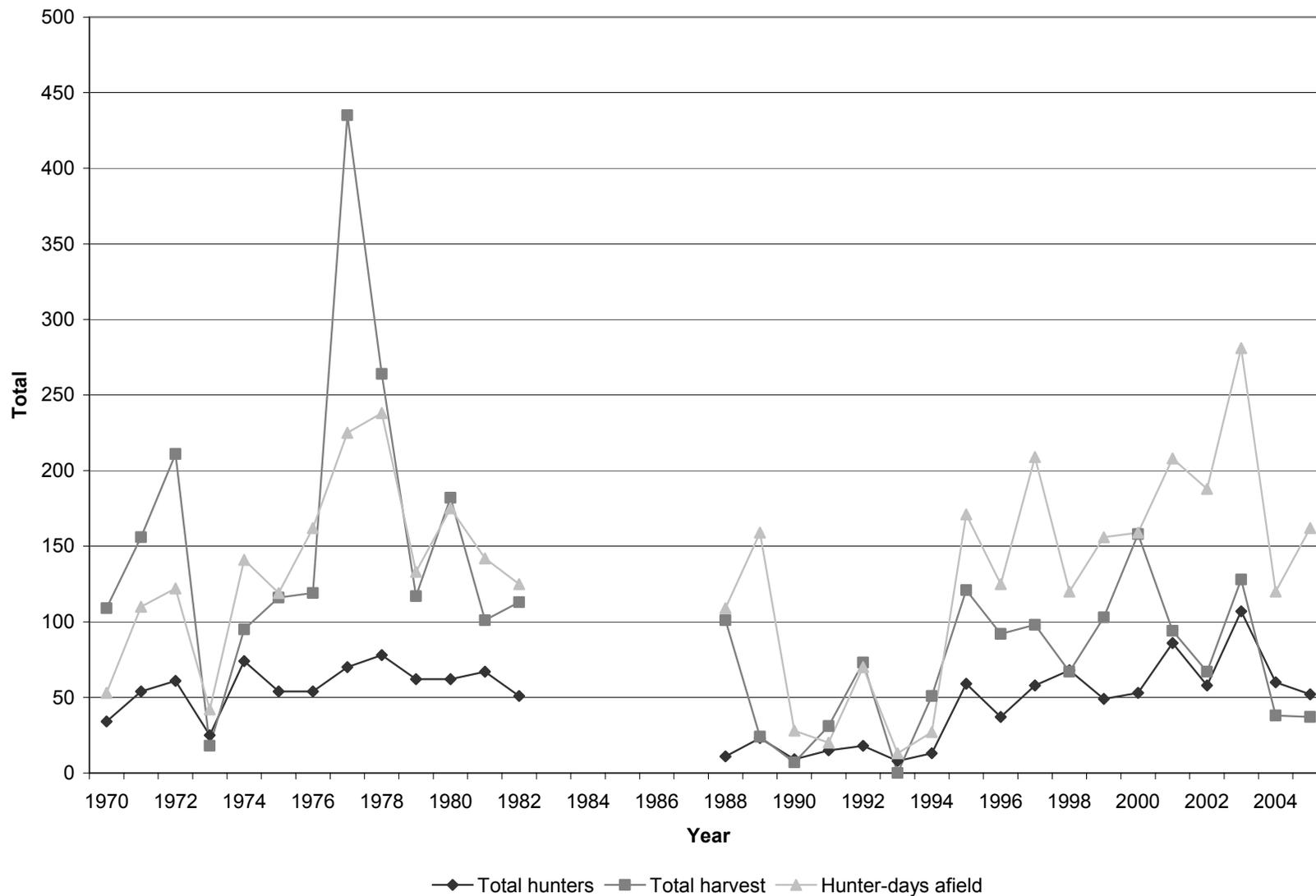
*Bag limit increased to 15 in 1982, and then reduced to 10 in 1987.

** Beginning in 2005, hunters were allowed to harvest both Mourning Doves and White-winged doves. Harvest numbers for this year include both species.

BAND-TAILED PIGEON

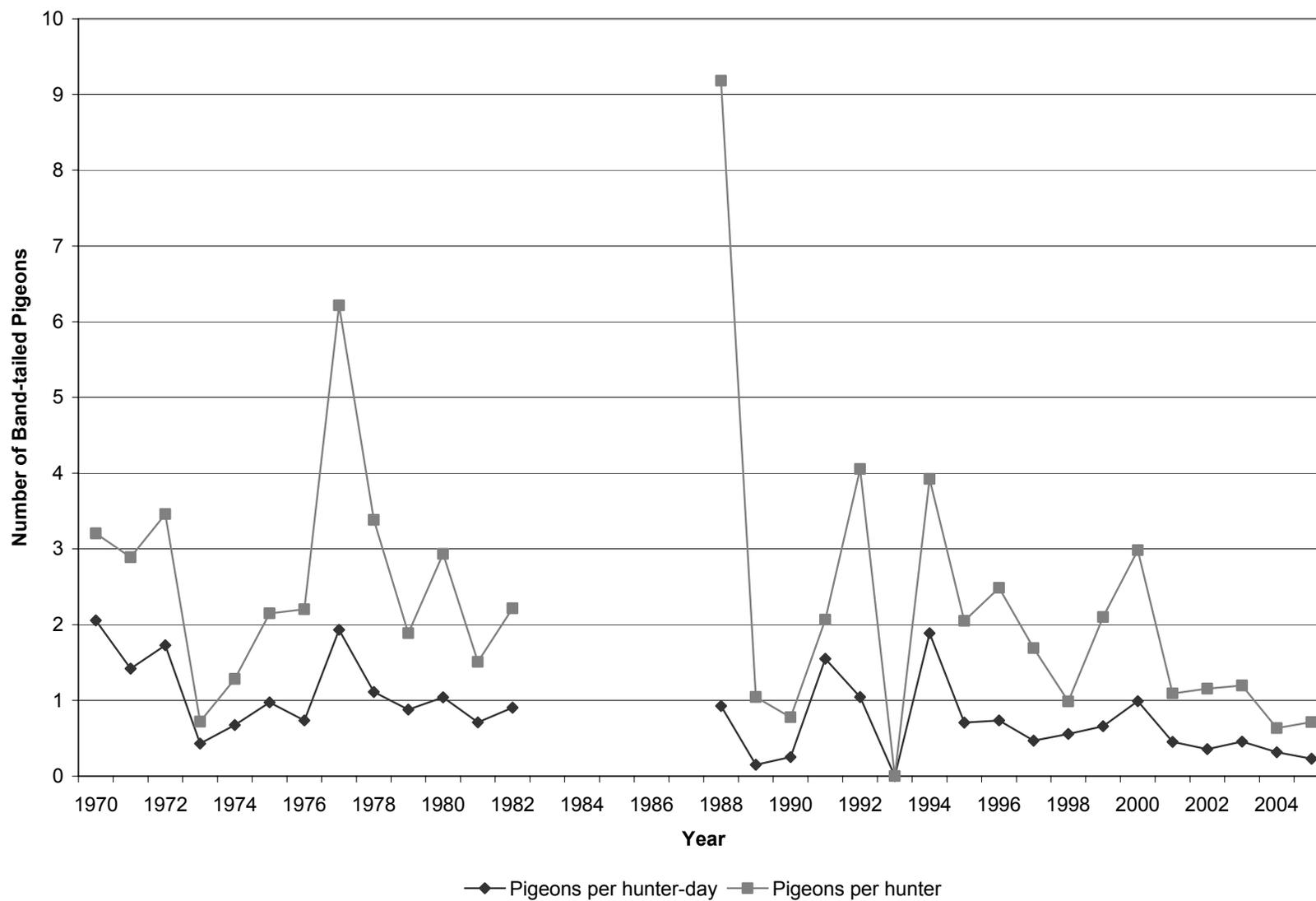


Statewide trends in Band-tailed Pigeon harvest statistics, Utah 1970–2005.



*No data available 1982–1987.

Statewide trends in Band-tailed Pigeon hunter success, Utah 1970–2005.



*No data available 1982–1987.

Band-tailed Pigeon harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Pigeons bagged	Pigeons / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	2	4	5	0	0.00	4.2	0.0
Cache	2	4	4	0	0.00	3.3	0.0
Davis	1	2	2	0	0.00	1.7	0.0
Morgan	—	—	—	—	—	—	—
Rich	—	—	—	—	—	—	—
Summit	—	—	—	—	—	—	—
Weber	1	2	2	0	0.00	1.7	0.0
Regional total	6	12	13	0	0.00	10.8	0.0
Central Region							
Juab	1	2	2	0	0.00	1.7	0.0
Salt Lake	—	—	—	—	—	—	—
Sanpete	2	4	7	0	0.00	5.8	0.0
Tooele	—	—	—	—	—	—	—
Utah	2	4	11	18	1.64	9.2	47.4
Wasatch	—	—	—	—	—	—	—
Regional total	5	10	20	18	0.90	16.7	47.4
Southern Region							
Beaver	2	4	7	0	0.00	5.8	0.0
Garfield	2	4	4	0	0.00	3.3	0.0
Iron	2	4	5	0	0.00	4.2	0.0
Kane	2	4	4	0	0.00	3.3	0.0
Millard	1	2	2	0	0.00	1.7	0.0
Piute	—	—	—	—	—	—	—
Sevier	2	4	7	0	0.00	5.8	0.0
Washington	4	7	13	11	0.85	10.8	28.9
Wayne	—	—	—	—	—	—	—
Regional total	15	29	42	11	0.26	35.0	28.9
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	1	2	2	0	0.00	1.7	0.0
Uintah	—	—	—	—	—	—	—
Regional total	1	2	2	0	0.00	1.7	0.0
Southeastern Region							
Carbon	1	2	2	0	0.00	1.7	0.0
Emery	—	—	—	—	—	—	—
Grand	6	11	27	9	0.33	22.5	23.7
San Juan	5	9	9	0	0.00	7.5	0.0
Regional total	12	22	38	9	0.24	31.7	23.7
Unknown	2	4	5	0	0.00	4.2	0.0
Statewide total*	33	60	120	38	0.32	100.0	100.0

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

Projection factor = 1.83; 115 permits sold; 63 (55%) permits surveyed.

Band-tailed Pigeon harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Pigeons bagged	Pigeons / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	—	—	—	—	—	—	—
Cache	—	—	—	—	—	—	—
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	2	4	7	0	0.00	4.3	0.0
Summit	—	—	—	—	—	—	—
Weber	—	—	—	—	—	—	—
Regional total	2	4	7	0	0.00	4.3	0.0
Central Region							
Juab	—	—	—	—	—	—	—
Salt Lake	—	—	—	—	—	—	—
Sanpete	1	2	4	2	0.50	2.5	5.4
Tooele	—	—	—	—	—	—	—
Utah	2	4	7	9	1.29	4.3	24.3
Wasatch	—	—	—	—	—	—	—
Regional total	3	6	11	11	1.00	6.8	29.7
Southern Region							
Beaver	2	4	11	2	0.18	6.8	5.4
Garfield	—	—	—	—	—	—	—
Iron	1	2	33	0	0.00	20.4	0.0
Kane	—	—	—	—	—	—	—
Millard	1	2	7	0	0.00	4.3	0.0
Piute	—	—	—	—	—	—	—
Sevier	—	—	—	—	—	—	—
Washington	4	9	20	9	0.45	12.3	24.3
Wayne	—	—	—	—	—	—	—
Regional total	8	17	71	11	0.15	43.8	29.7
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	—	—	—	—	—	—	—
Uintah	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Southeastern Region							
Carbon	1	2	4	0	0.00	2.5	0.0
Emery	1	2	4	0	0.00	2.5	0.0
Grand	2	4	22	0	0.00	13.6	0.0
San Juan	8	17	56	4	0.07	34.6	10.8
Regional total	4	9	26	4	0.15	16.0	10.8
Unknown	5	11	17	11	0.65	10.5	29.7
Statewide total*	24	52	162	37	0.23	100.0	100.0

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

Projection factor = 2.17; 104 permits sold; 48 (46%) permits surveyed.

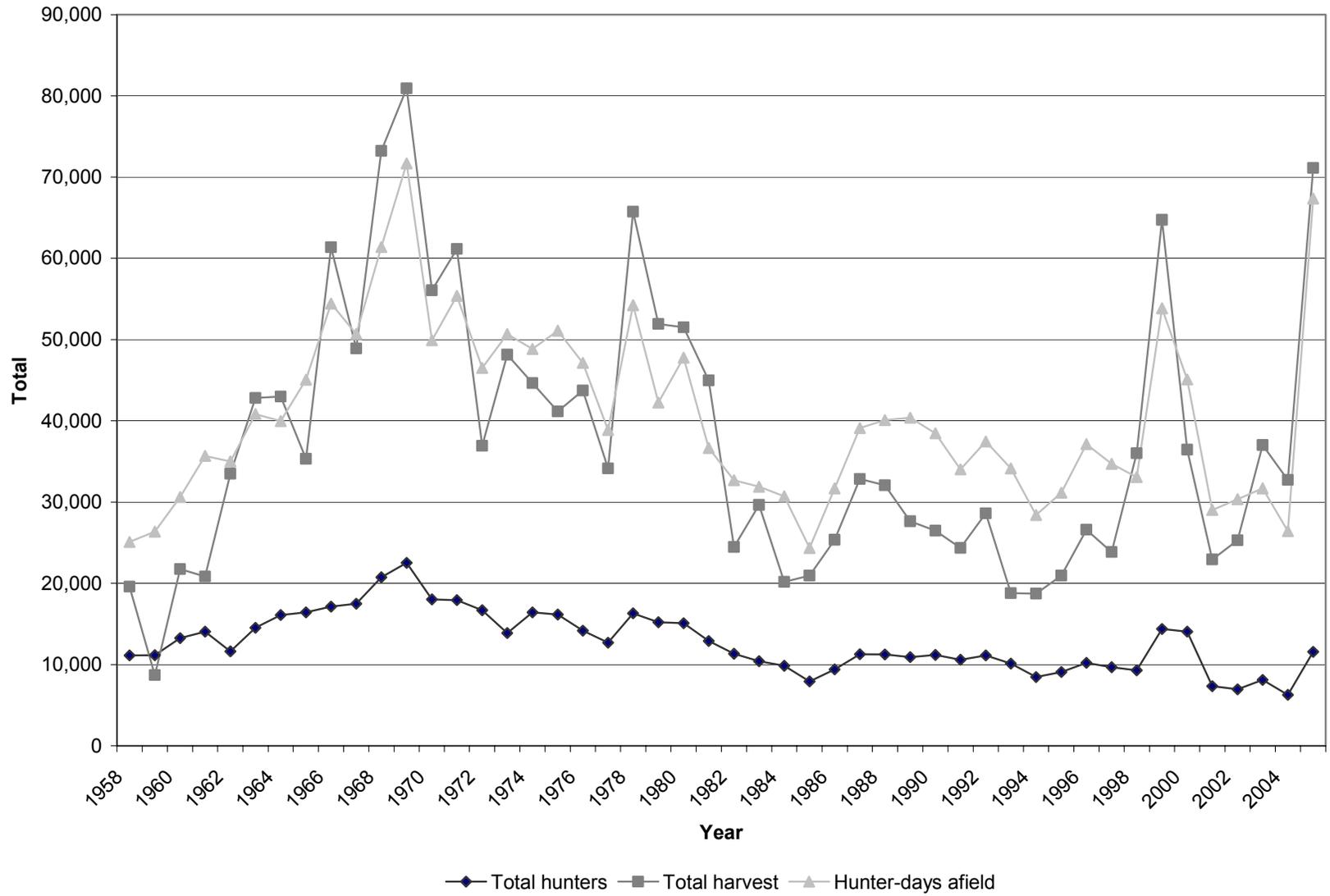
Statewide Band-tailed Pigeon harvest statistics, Utah 1970–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Pigeons / hunter-day	Pigeons / hunter
1970	34	109	53	2.06	3.21
1971	54	156	110	1.42	2.89
1972	61	211	122	1.73	3.46
1973	25	18	42	0.43	0.72
1974	74	95	141	0.67	1.28
1975	54	116	119	0.97	2.15
1976	54	119	162	0.73	2.20
1977	70	435	225	1.93	6.21
1978	78	264	238	1.11	3.38
1979	62	117	133	0.88	1.89
1980	62	182	175	1.04	2.94
1981	67	101	142	0.71	1.51
1982	51	113	125	0.90	2.22
1983	—	—	—	—	—
1984	—	—	—	—	—
1985	—	—	—	—	—
1986	—	—	—	—	—
1987	—	—	—	—	—
1988	11	101	109	0.93	9.18
1989	23	24	159	0.15	1.04
1990	9	7	28	0.25	0.78
1991	15	31	20	1.55	2.07
1992	18	73	70	1.04	4.06
1993	8	0	13	0.00	0.00
1994	13	51	27	1.89	3.92
1995	59	121	171	0.71	2.05
1996	37	92	125	0.74	2.49
1997	58	98	209	0.47	1.69
1998	68	67	120	0.56	0.99
1999	49	103	156	0.66	2.10
2000	53	158	159	0.99	2.98
2001	86	94	208	0.45	1.09
2002	58	67	188	0.36	1.16
2003	107	128	281	0.46	1.20
2004	60	38	120	0.32	0.63
2005	52	37	162	0.23	0.71
Total (1970–2005)	1,530	3,326	4,112	—	—
Average (1970–2004)	49	110	132	0.83	2.23
% change from previous year	-13	-3	35	-28	12
% change from average	6	-66	23	-73	-68

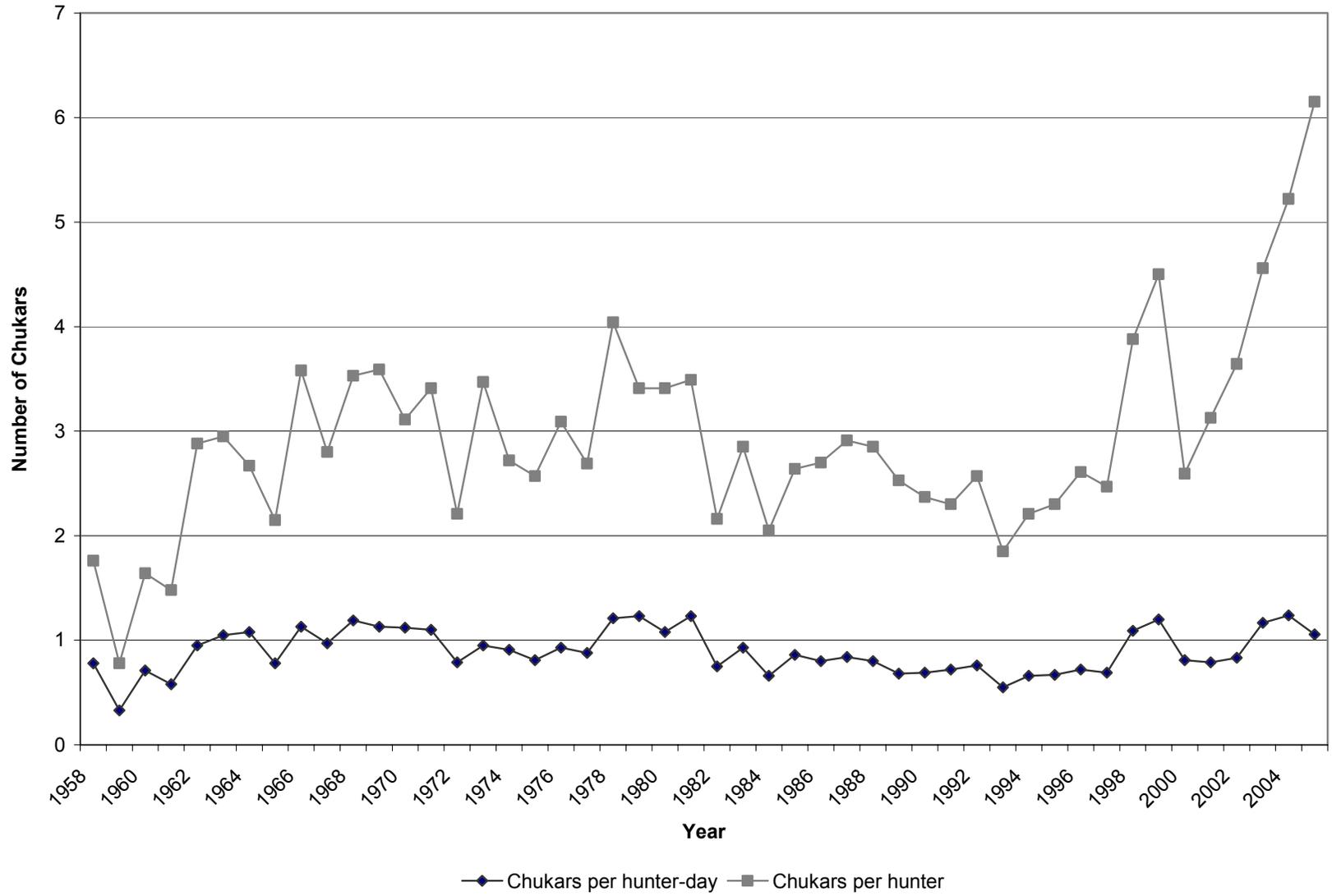
CHUKAR PARTRIDGE



Statewide trends of Chukar Partridge harvest statistics, Utah 1958–2005.



Statewide trends of Chukar Partridge hunter success, Utah 1958–2005.



Chukar Partridge aerial survey, Northeast Cedar Mountains, Tooele County, Utah 1996–2005.

Year	Date	Coveys flushed	Total Chukars observed	Square miles surveyed	Chukars / square mile	Elapsed time (hours)	Chukars / survey hour
1996	08/21/96	12	103	6.49	16	1.17	88
1997	08/20/97	18	295	8.00	37	1.17	252
1998	09/03/98	52	939	8.00	117	1.35	696
1999	08/16/99	65	623	8.00	78	1.75	356
2000	08/21/00	23	96	8.00	12	1.30	74
2001	—	9	68	8.00	9	1.63	42
2002	08/28/02	5	36	8.00	5	1.61	22
2003	08/22/03	27	238	8.00	30	1.33	179
2004	08/20/04	15	167	8.00	21	1.87	89
2005	08/18/05	36	566	8.00	71	1.53	370
Total (1996–2005)		262	3,131	78.49	40	14.71	—
Average (1996–2004)		25	285	7.83	36	1.46	200
% change from previous year		140	239	0	239	-18	314
% change from average		43	99	2	97	4	85

Chukar Partridge harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Chukars bagged	Chukars / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	43	1,327	5,432	8,056	1.48	20.6	24.6
Cache	18	556	2,130	2,253	1.06	8.1	6.9
Davis	3	93	154	62	0.40	0.6	0.2
Morgan	6	185	340	340	1.00	1.3	1.0
Rich	1	31	123	0	0.00	0.5	0.0
Summit	2	62	93	216	2.32	0.4	0.7
Weber	3	93	185	123	0.66	0.7	0.4
Regional total	76	2,347	8,457	11,050	1.31	32.0	33.8
Central Region							
Juab	18	556	2,346	3,457	1.47	8.9	10.6
Salt Lake	—	—	—	—	—	—	—
Sanpete	10	309	1,451	1,389	0.96	5.5	4.2
Tooele	35	1,080	3,673	4,815	1.31	13.9	14.7
Utah	36	1,111	4,012	4,568	1.14	15.2	14.0
Wasatch	3	93	154	154	1.00	0.6	0.5
Regional total	102	3,149	11,636	14,383	1.24	44.0	44.0
Southern Region							
Beaver	1	31	62	370	5.97	0.2	1.1
Garfield	—	—	—	—	—	—	—
Iron	2	62	247	154	0.62	0.9	0.5
Kane	—	—	—	—	—	—	—
Millard	5	154	370	586	1.58	1.4	1.8
Piute	1	31	62	62	1.00	0.2	0.2
Sevier	13	401	2,500	2,346	0.94	9.5	7.2
Washington	2	62	185	93	0.50	0.7	0.3
Wayne	—	—	—	—	—	—	—
Regional total	24	741	3,426	3,611	1.05	13.0	11.0
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	4	123	340	525	1.54	1.3	1.6
Uintah	5	154	432	710	1.64	1.6	2.2
Regional total	9	277	772	1,235	1.60	2.9	3.8
Southeastern Region							
Carbon	7	216	401	494	1.23	1.5	1.5
Emery	9	278	710	648	0.91	2.7	2.0
Grand	1	31	31	0	0.00	0.1	0.0
San Juan	1	31	31	62	2.00	0.1	0.2
Regional total	18	556	1,173	1,204	1.03	4.4	3.7
Unknown	11	340	957	1,235	1.29	3.6	3.8
Statewide total*	203	6,265	26,421	32,718	1.24	100.0	100.0

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

Chukar Partridge harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Chukars bagged	Chukars / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	63	1,928	12,300	11,412	0.93	18.3	16.0
Cache	36	1,101	5,936	3,794	0.64	8.8	5.3
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	—	—	—	—	—	—	—
Summit	6	184	643	1,040	1.62	1.0	1.5
Weber	—	—	—	—	—	—	—
Regional total	105	3,213	18,879	16,246	0.86	28.0	22.8
Central Region							
Juab	52	1,591	8,720	9,087	1.04	12.9	12.8
Salt Lake	1	31	31	0	0.00	0.0	0.0
Sanpete	49	1,499	6,639	8,383	1.26	9.9	11.8
Tooele	7	214	581	520	0.90	0.9	0.7
Utah	8	245	1,560	2,570	1.65	2.3	3.6
Wasatch	—	—	—	—	—	—	—
Regional total	117	3,580	17,531	20,560	1.17	26.0	28.9
Southern Region							
Beaver	12	367	704	520	0.74	1.0	0.7
Garfield	3	92	428	428	1.00	0.6	0.6
Iron	7	214	1,560	1,499	0.96	2.3	2.1
Kane	—	—	—	—	—	—	—
Millard	15	459	1,469	1,560	1.06	2.2	2.2
Piute	8	245	2,050	1,132	0.55	3.0	1.6
Sevier	67	2,050	10,709	12,483	1.17	15.9	17.5
Washington	4	122	826	306	0.37	1.2	0.4
Wayne	1	31	61	0	0.00	0.1	0.0
Regional total	117	3,580	17,807	17,928	1.01	26.4	25.2
Northeastern Region							
Daggett	1	31	306	367	1.20	0.5	0.5
Duchesne	9	275	887	3,182	3.59	1.3	4.5
Uintah	6	184	428	490	1.14	0.6	0.7
Regional total	16	490	1,621	4,039	2.49	2.4	5.7
Southeastern Region							
Carbon	8	245	1,285	1,591	1.24	1.9	2.2
Emery	21	643	4,406	4,528	1.03	6.5	6.4
Grand	14	428	3,182	4,712	1.48	4.7	6.6
San Juan	1	31	214	306	1.43	0.3	0.4
Regional total	44	1,347	9,087	11,137	1.23	13.5	15.7
Unknown	15	459	2,448	1,224	0.50	3.6	1.7
Statewide total*	378	11,565	67,373	71,134	1.06	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 1958–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Chukars / hunter-day	Chukars / hunter
1958	11,124	19,578	25,100	0.78	1.76
1959	11,154	8,700	26,364	0.33	0.78
1960	13,252	21,733	30,610	0.71	1.64
1961	14,046	20,821	35,675	0.58	1.48
1962	11,638	33,500	35,010	0.95	2.88
1963	14,532	42,806	40,824	1.05	2.95
1964	16,090	42,974	39,971	1.08	2.67
1965	16,431	35,335	45,067	0.78	2.15
1966	17,133	61,370	54,448	1.13	3.58
1967	17,485	48,906	50,671	0.97	2.80
1968	20,744	73,218	61,402	1.19	3.53
1969	22,529	80,917	71,674	1.13	3.59
1970	18,013	56,053	49,911	1.12	3.11
1971	17,917	61,151	55,378	1.10	3.41
1972	16,685	36,925	46,502	0.79	2.21
1973	13,888	48,135	50,677	0.95	3.47
1974	16,412	44,658	48,856	0.91	2.72
1975	16,156	41,151	51,083	0.81	2.57
1976	14,171	43,726	47,143	0.93	3.09
1977	12,691	34,155	38,873	0.88	2.69
1978	16,291	65,747	54,239	1.21	4.04
1979	15,210	51,918	42,254	1.23	3.41
1980	15,100	51,511	47,778	1.08	3.41
1981	12,907	44,983	36,662	1.23	3.49
1982	11,326	24,460	32,691	0.75	2.16
1983	10,418	29,649	31,904	0.93	2.85
1984	9,846	20,179	30,715	0.66	2.05
1985	7,930	20,938	24,346	0.86	2.64
1986	9,397	25,346	31,672	0.80	2.70
1987	11,276	32,848	39,099	0.84	2.91
1988	11,237	32,057	40,088	0.80	2.85
1989	10,910	27,628	40,384	0.68	2.53
1990	11,195	26,486	38,463	0.69	2.37
1991	10,577	24,355	34,010	0.72	2.30
1992	11,125	28,599	37,463	0.76	2.57
1993	10,128	18,774	34,147	0.55	1.85
1994	8,455	18,721	28,389	0.66	2.21
1995	9,097	20,954	31,140	0.67	2.30

Statewide Chukar Partridge harvest statistics, Utah 1958–2005 (cont.).

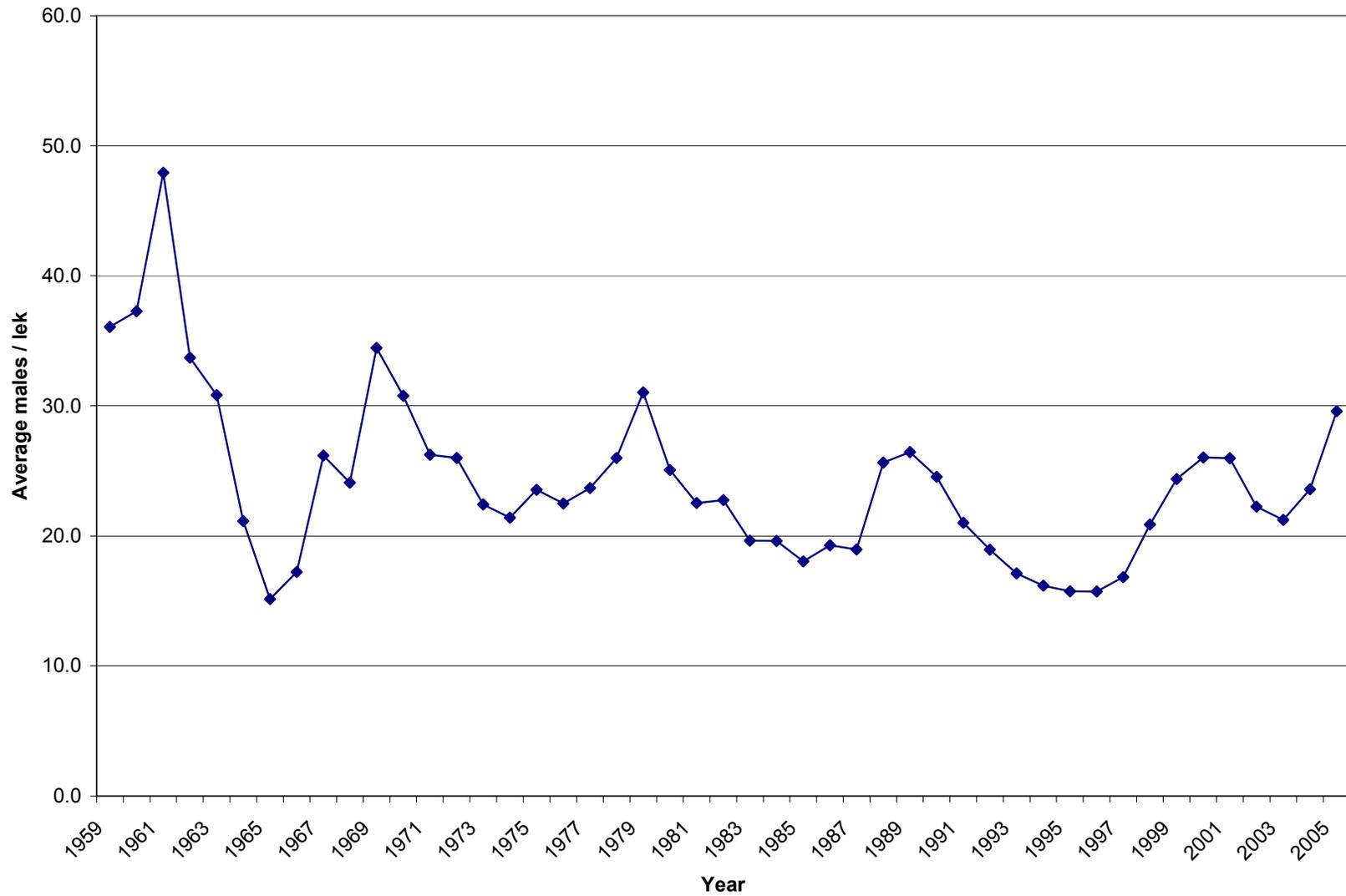
Year	Total hunters	Total harvest	Hunter-days afield	Chukars / hunter-day	Chukars / hunter
1996	10,197	26,594	37,116	0.72	2.61
1997	9,665	23,840	34,711	0.69	2.47
1998	9,283	36,013	33,082	1.09	3.88
1999	14,388	64,727	53,842	1.20	4.50
2000	14,056	36,458	45,096	0.81	2.59
2001	7,338	22,941	29,032	0.79	3.13
2002	6,944	25,294	30,351	0.83	3.64
2003	8,118	37,007	31,696	1.17	4.56
2004	6,265	32,718	26,421	1.24	5.22
2005	11,565	71,134	67,373	1.06	6.15
Total (1958–2005)	612,335	1,797,691	1,949,403	—	—
Average (1958–2004)	12,782	36,735	40,043	0.92	2.87
% change from previous year	85	117	155	-15	18
% change from average	-10	94	68	15	114

SAGE-GROUSE



Chas. Beaman

Statewide trends of average Sage-grouse males per lek, Utah 1959–2005.



*Only leks where birds were counted were used to calculate the average number of birds/lek.

Sage-grouse strutting ground counts by county for the Northern Region, Utah 1996–2005.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average (1996–2004)
Box Elder											
Number of strutting grounds counted	18	33	22	26	27	28	59	51	51	41	35
Total male Grouse counted	242	334	422	464	531	506	736	930	1,146	1,122	590
Average males / lek	13.4	13.9	21.1	22.1	21.2	18.7	17.5	22.7	26.0	31.2	20.3
Cache											
Number of strutting grounds counted	4	4	4	4	3	3	4	4	3	1	4
Total male Grouse counted	6	23	23	23	21	29	20	18	14	9	20
Average males / lek	6.0	23.0	23.0	23.0	21.0	14.5	10.0	18.0	14.0	9.0	16.1
Morgan											
Number of strutting grounds counted	1	1	1	1	3	2	7	3	3	3	2
Total male Grouse counted	25	34	56	81	84	39	39	62	92	92	57
Average males / lek	25.0	34.0	56.0	81.0	28.0	39.0	19.5	31.0	46.0	46.0	36.6
Rich											
Number of strutting grounds counted	29	29	29	30	31	33	37	41	39	33	33
Total male Grouse counted	283	353	373	551	894	846	725	824	898	1,219	639
Average males / lek	17.7	22.1	26.6	34.4	40.6	35.3	29.0	25.8	29.0	43.5	29.3
Summit											
Number of strutting grounds counted	—	—	—	—	4	—	8	—	5	5	2
Total male Grouse counted	—	—	—	—	1	—	16	—	27	23	5
Average males / lek	—	—	—	—	1.0	—	5.3	—	13.5	11.5	7.3
Northern Region total											
Number of strutting grounds counted	52	67	56	61	68	66	115	99	101	83	76
Total male Grouse counted	556	744	874	1,119	1,531	1,420	1,536	1,834	2,177	2,465	1,310
Average males / lek	15.4	17.7	24.3	28.7	29.4	26.3	20.8	24.1	27.2	35.7	24.1

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Sage-grouse strutting ground counts by county for the Central Region, Utah 1996–2005.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average (1996–2004)
Juab											
Number of strutting grounds counted	1	3	2	3	3	3	5	4	4	4	3
Total male Grouse counted	8	18	1	13	40	35	99	40	12	53	30
Average males / lek	8.0	18.0	1.0	6.5	20.0	17.5	24.8	10.0	12.0	26.5	14.8
Tooele											
Number of strutting grounds counted	2	2	2	2	3	3	2	2	3	3	2
Total male Grouse counted	9	18	23	80	103	117	102	63	66	85	65
Average males / lek	9.0	9.0	11.5	40.0	34.3	39.0	51.0	31.5	33.0	42.5	30.6
Wasatch											
Number of strutting grounds counted	2	2	2	2	2	2	2	2	4	3	2
Total male Grouse counted	34	46	42	54	37	36	24	68	84	86	47
Average males / lek	34.0	46.0	42.0	27.0	18.5	36.0	24.0	34.0	42.0	43.0	32.7
Central Region total											
Number of strutting grounds counted	5	7	6	7	8	8	9	8	11	10	8
Total male Grouse counted	51	82	66	147	180	188	225	171	162	224	141
Average males / lek	17.0	20.5	16.5	24.5	25.7	31.3	32.1	21.4	32.4	37.3	25.4

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Sage-grouse strutting ground counts by county for the Southern Region, Utah 1996–2005.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average (1996–2004)
Beaver											
Number of strutting grounds counted	4	4	5	6	7	7	7	7	8	8	6
Total male Grouse counted	48	43	44	96	79	94	76	55	74	78	68
Average males / lek	12.0	10.8	11.0	16.0	15.8	23.5	19.0	13.8	14.8	26.0	15.2
Garfield											
Number of strutting grounds counted	12	12	13	14	14	15	14	15	15	16	14
Total male Grouse counted	115	126	254	245	324	306	172	168	211	419	213
Average males / lek	16.4	14.0	25.4	22.3	27.0	34.0	17.2	16.8	17.6	41.9	21.3
Iron											
Number of strutting grounds counted	5	3	5	6	5	7	7	7	7	7	6
Total male Grouse counted	21	19	26	98	99	86	83	52	57	75	60
Average males / lek	7.0	9.5	13.0	19.6	19.8	17.2	16.6	10.4	11.4	12.5	14.6
Kane											
Number of strutting grounds counted	3	3	3	3	3	3	3	3	3	3	3
Total male Grouse counted	—	4	18	20	11	17	11	5	5	12	10
Average males / lek	—	4.0	18.0	20.0	11.0	17.0	11.0	5.0	5.0	12.0	11.4
Millard											
Number of strutting grounds counted	—	1	—	—	—	—	—	—	—	—	—
Total male Grouse counted	—	—	—	—	—	—	—	—	—	—	—
Average males / lek	—	—	—	—	—	—	—	—	—	—	—
Piute											
Number of strutting grounds counted	1	1	1	1	1	1	1	1	1	2	1
Total male Grouse counted	29	34	33	67	63	61	58	26	22	39	44
Average males / lek	29.0	34.0	33.0	67.0	63.0	61.0	58.0	26.0	22.0	19.5	43.7

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Sage-grouse strutting ground counts by county for the Southern Region, Utah 1996–2005 (cont.).

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average (1996–2004)
Sevier											
Number of strutting grounds counted	1	1	1	1	1	1	1	1	1	3	1
Total male Grouse counted	20	15	15	16	14	11	8	3	4	31	12
Average males / lek	20.0	15.0	15.0	16.0	14.0	11.0	8.0	3.0	4.0	10.3	11.8
Wayne											
Number of strutting grounds counted	9	12	14	15	16	16	17	17	18	18	15
Total male Grouse counted	207	272	257	499	472	561	594	435	586	677	431
Average males / lek	23.0	27.2	23.4	49.9	42.9	46.8	49.5	36.3	41.9	42.3	38.4
Southern Region total											
Number of strutting grounds counted	35	37	42	46	47	50	50	51	53	57	46
Total male Grouse counted	440	513	647	1,041	1,062	1,136	1,002	744	959	1,331	838
Average males / lek	17.6	18.3	21.6	29.7	29.5	34.4	29.5	21.9	24.6	32.5	25.7

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Sage-grouse strutting ground counts by county for the Northeastern Region, Utah 1996–2005.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average (1996–2004)
Daggett											
Number of strutting grounds counted	6	6	5	2	6	7	7	7	7	7	6
Total male Grouse counted	32	23	25	19	84	88	67	101	175	229	68
Average males / lek	8.0	11.5	8.3	19.0	28.0	22.0	16.8	25.3	29.2	32.7	19.8
Duchesne											
Number of strutting grounds counted	4	5	5	7	8	3	7	7	6	8	6
Total male Grouse counted	22	16	24	46	58	59	37	56	33	60	39
Average males / lek	11.0	4.0	12.0	7.7	8.3	19.7	12.3	11.2	6.6	15.0	9.5
Uintah											
Number of strutting grounds counted	22	20	18	24	21	21	27	28	34	34	24
Total male Grouse counted	270	278	382	368	363	276	344	310	488	493	342
Average males / lek	18.0	18.5	23.9	20.4	21.4	18.4	20.2	17.2	18.8	19.0	19.6
Wasatch											
Number of strutting grounds counted	1	1	1	1	1	1	1	1	1	1	1
Total male Grouse counted	5	5	6	5	4	3	—	—	—	2	3
Average males / lek	5.0	5.0	6.0	5.0	4.0	3.0	—	—	—	2.0	4.7
Northeastern Region total											
Number of strutting grounds counted	33	32	29	34	36	32	42	43	48	50	37
Total male Grouse counted	329	322	437	438	509	426	448	467	696	784	452
Average males / lek	15.0	14.6	19.9	16.8	18.2	18.5	18.7	17.3	18.8	20.6	17.6

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Sage-grouse strutting ground counts by county for the Southeastern Region, Utah 1996–2005.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average (1996–2004)
Carbon											
Number of strutting grounds counted	8	7	14	14	17	12	13	18	19	10	14
Total male Grouse counted	26	32	73	68	201	133	68	68	143	121	90
Average males / lek	13.0	10.7	10.4	11.3	22.3	16.6	11.3	8.5	13.0	13.4	13.5
Emery											
Number of strutting grounds counted	2	2	2	2	2	2	1	2	1	3	2
Total male Grouse counted	—	—	—	—	—	—	—	—	5	11	1
Average males / lek	—	—	—	—	—	—	—	—	5.0	5.5	5.0
San Juan											
Number of strutting grounds counted	4	4	4	6	5	5	5	5	5	5	5
Total male Grouse counted	29	25	32	40	57	47	35	30	33	33	36
Average males / lek	9.7	8.3	10.7	8.0	14.3	9.4	8.8	10.0	8.3	11.0	9.6
Southeastern Region total											
Number of strutting grounds counted	14	13	20	22	24	19	19	25	25	18	20
Total male Grouse counted	55	57	105	108	258	180	103	98	181	165	127
Average males / lek	11.0	9.5	10.5	9.8	19.8	13.8	10.3	8.9	11.3	11.8	12.1

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Statewide Sage-grouse strutting ground counts, Utah 1996–2005.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average (1996–2004)
Number of strutting grounds counted	139	156	153	170	183	175	235	226	238	218	186
Total male Grouse counted	1431	1718	2129	2853	3540	3350	3314	3314	4175	4969	2869
Average males / lek	15.7	16.8	20.9	24.4	26.0	26.0	22.2	21.2	23.6	29.6	22.3

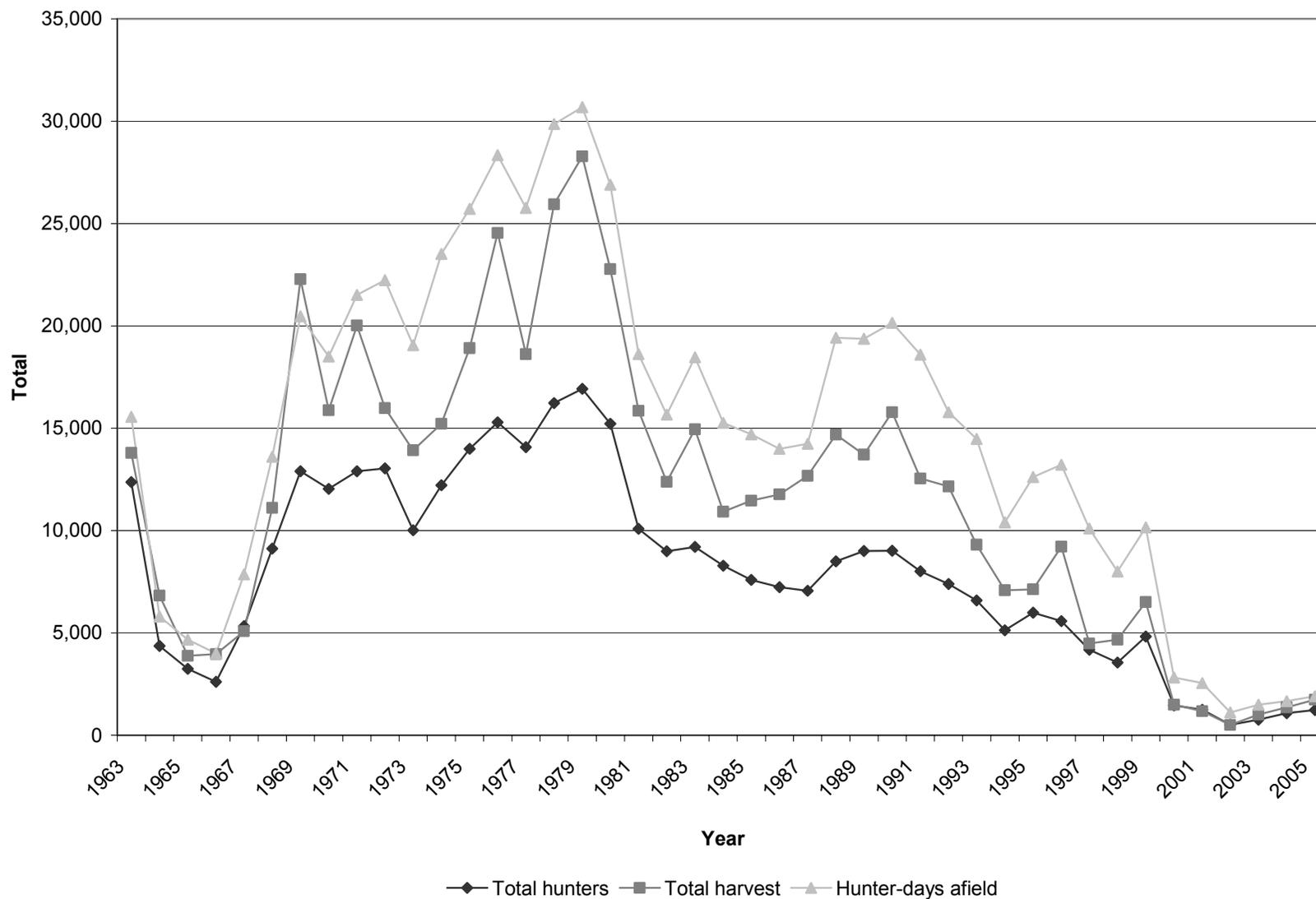
*Only leks where birds were counted were used to calculate the average number of birds/lek.

Statewide trends of Sage-grouse strutting ground counts, Utah 1959–2005.

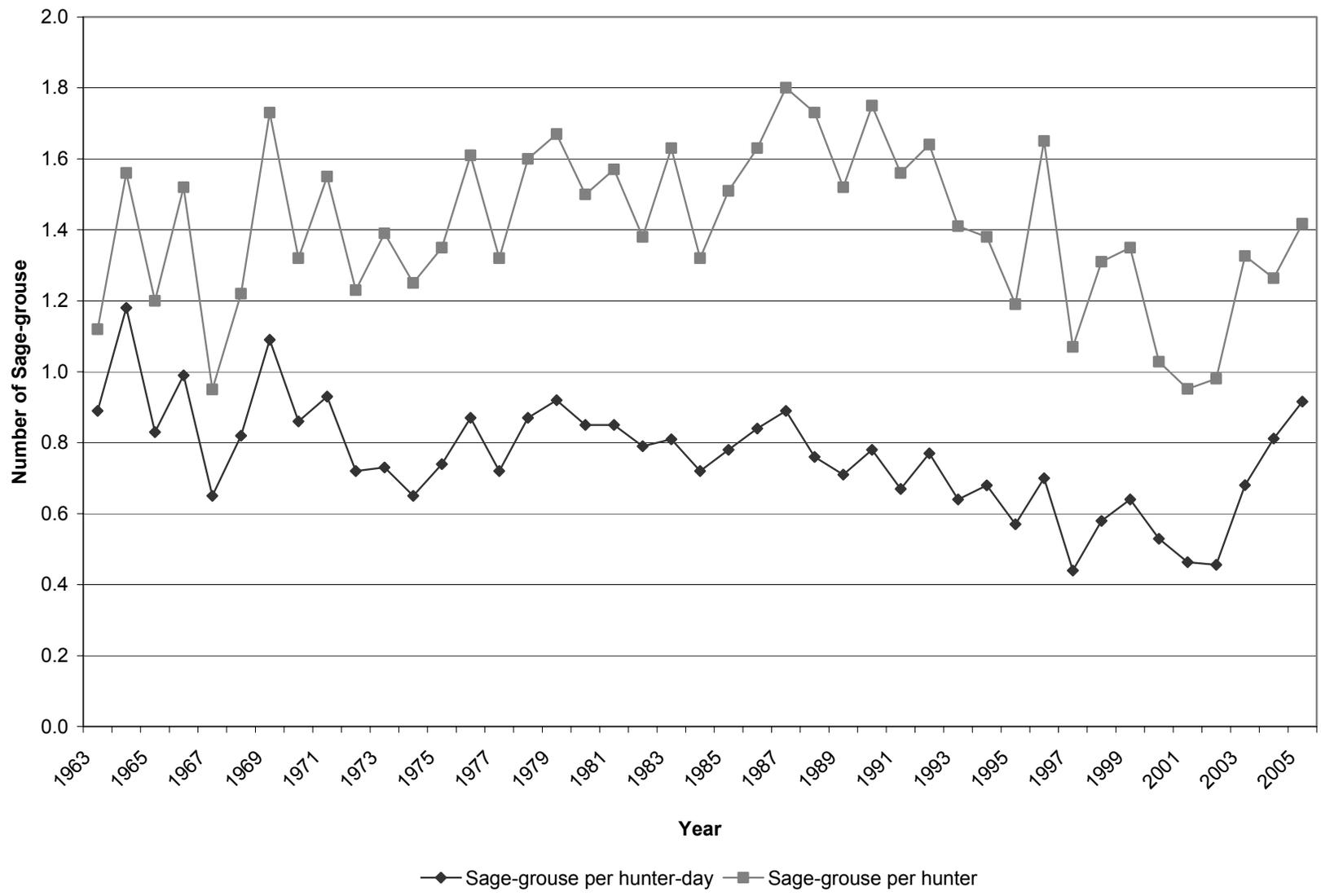
Year	Number of grounds counted	Total male grouse counted	Average male grouse / ground
1959	12	433	36.1
1960	14	522	37.3
1961	13	623	47.9
1962	14	472	33.7
1963	18	555	30.8
1964	15	296	21.1
1965	16	227	15.1
1966	19	293	17.2
1967	42	969	26.2
1968	55	1108	24.1
1969	75	2378	34.5
1970	92	2616	30.8
1971	110	2361	26.2
1972	113	2522	26.0
1973	102	1839	22.4
1974	137	2461	21.4
1975	118	2260	23.5
1976	127	2496	22.5
1977	151	3055	23.7
1978	126	2678	26.0
1979	117	2762	31.0
1980	106	1930	25.1
1981	156	2501	22.5
1982	109	2048	22.8
1983	125	1904	19.6
1984	57	785	19.6
1985	124	1659	18.0
1986	107	1677	19.3
1987	117	1802	19.0
1988	169	2538	25.6
1989	136	2644	26.4
1990	142	2650	24.5
1991	127	2354	21.0
1992	108	1724	18.9
1993	88	1215	17.1
1994	115	1358	16.2
1995	88	992	15.7
1996	139	1431	15.7
1997	156	1718	16.8
1998	153	2129	20.9
1999	170	2853	24.4
2000	183	3540	26.0
2001	175	3350	26.0
2002	235	3314	22.2
2003	226	3314	21.2
2004	238	4175	23.6
2005	218	4969	29.6
Total (1959–2005)	5253	93500	—
Average (1959–2004)	109.5	1924.6	23.0

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Statewide trends of Sage-grouse harvest statistics, Utah 1963–2005.



Statewide trends of Sage-grouse hunter success, Utah 1963–2005.



Sage-grouse harvest statistics by region and county, Utah 2004.

Hunt unit	Hunt number	Total permits	Projection factor	n	Hunters afield	Hunter-days afield	Sage-grouse harvested	Sage-grouse / hunter day
West Box Elder								
Subunit A				15	103	131	145	1.11
Subunit B				1	7	7	7	1.00
Subunit C				1	7	7	14	2.00
Subunit D	#001	614	6.90	—	—	—	—	—
Subunit E				1	7	7	0	0.00
Subunit F				1	7	7	14	2.00
Unknown				53	366	621	435	0.70
West Box Elder total				72	497	780	615	0.79
Rich								
Subunit A				6	50	58	41	0.71
Subunit B				1	8	8	17	2.13
Subunit C	#002	198	8.25	1	8	8	17	2.13
Subunit D				1	8	17	0	0.00
Unknown				11	91	157	66	0.42
Rich total				20	165	248	141	0.57
Uintah Basin								
Blue Mountain				10	51	67	97	1.45
Diamond Mountain	#003	205	5.13	19	97	144	113	0.78
Unknown				3	15	46	10	0.22
Uintah Basin total				32	163	257	220	0.86
Parker Mountain								
Parker Mountain total	#004	287	7.00	36	252	392	385	0.98
Statewide total		1,304		160	1,077	1,677	1,361	0.81

*194 (15%) permit holders surveyed.

Sage-grouse harvest statistics by region and county, Utah 2005.

Hunt unit	Hunt number	Total permits	Projection factor	n	Hunters afield	Hunter-days afield	Sage-grouse harvested	Sage-grouse / hunter day
West Box Elder								
Subunit A				10	76	84	99	1.18
Subunit B				—	—	—	—	—
Subunit C				—	—	—	—	—
Subunit D	#001	615	7.59	1	8	8	0	0.00
Subunit E				—	—	—	—	—
Subunit F				—	—	—	—	—
Unknown				56	425	699	653	0.93
West Box Elder total				67	509	791	752	0.95
Rich								
Subunit A				4	40	100	30	0.30
Subunit B				—	—	—	—	—
Subunit C	#002	300	10.00	—	—	—	—	—
Subunit D				—	—	—	—	—
Unknown				20	200	240	230	0.96
Rich total				24	240	340	260	0.76
Uintah Basin								
Blue Mountain				12	68	107	102	0.95
Diamond Mountain	#003	254	5.64	23	130	243	181	0.74
Unknown				4	23	45	28	0.62
Uintah Basin total				39	221	395	311	0.79
Parker Mountain								
Parker Mountain total	#004	305	7.26	36	261	378	421	1.11
Statewide total		1,474		166	1,231	1,904	1,744	0.92

*198 (13%) permit holders surveyed.

Statewide Sage-grouse harvest statistics, Utah 1951–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter-day	Grouse / hunter
1951	840	2,458	—	—	2.93
1952	678	2,230	—	—	3.29
1953	895	2,581	—	—	2.88
1954	802	2,510	—	—	3.13
1955	579	1,742	—	—	3.01
1956	495	1,375	—	—	2.97
1957	470	1,303	—	—	2.77
1958	567	1,797	—	—	3.17
1959	699	1,875	—	—	2.68
1960	861	2,246	—	—	2.61
1961**	1,078	1,918	—	—	1.78
1962***	2,382	5,352	5,097	1.05	1.89
1963	12,366	13,793	15,564	0.89	1.12
1964	4,362	6,827	5,807	1.18	1.56
1965	3,243	3,881	4,673	0.83	1.20
1966	2,612	3,962	4,006	0.99	1.52
1967	5,336	5,089	7,860	0.65	0.95
1968	9,115	11,109	13,601	0.82	1.22
1969	12,894	22,282	20,466	1.09	1.73
1970	12,036	15,877	18,506	0.86	1.32
1971	12,893	20,013	21,509	0.93	1.55
1972	13,040	15,983	22,232	0.72	1.23
1973	10,017	13,926	19,049	0.73	1.39
1974	12,214	15,215	23,516	0.65	1.25
1975	13,996	18,916	25,720	0.74	1.35
1976	15,283	24,541	28,342	0.87	1.61
1977	14,078	18,615	25,759	0.72	1.32
1978	16,231	25,938	29,861	0.87	1.60
1979	16,927	28,280	30,682	0.92	1.67
1980	15,219	22,770	26,893	0.85	1.50
1981	10,083	15,857	18,617	0.85	1.57
1982	8,997	12,383	15,663	0.79	1.38
1983	9,201	14,949	18,467	0.81	1.63
1984	8,283	10,921	15,266	0.72	1.32
1985	7,586	11,466	14,702	0.78	1.51

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

**Harvest numbers were estimated in 1962.

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

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

Statewide Sage-grouse harvest statistics, Utah 1951–2005 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter-day	Grouse / hunter
1986	7,233	11,766	13,992	0.84	1.63
1987	7,060	12,673	14,242	0.89	1.80
1988	8,499	14,692	19,418	0.76	1.73
1989	9,002	13,710	19,373	0.71	1.52
1990	9,014	15,784	20,147	0.78	1.75
1991	8,018	12,542	18,596	0.67	1.56
1992	7,393	12,156	15,781	0.77	1.64
1993	6,594	9,311	14,480	0.64	1.41
1994	5,133	7,084	10,406	0.68	1.38
1995	5,987	7,133	12,615	0.57	1.19
1996	5,574	9,220	13,215	0.70	1.65
1997	4,178	4,489	10,101	0.44	1.07
1998	3,559	4,676	8,003	0.58	1.31
1999	4,830	6,503	10,161	0.64	1.35
2000	1,456	1,497	2,829	0.53	1.03
2001	1,242	1,182	2,552	0.46	0.95
2002	521	511	1,120	0.46	0.98
2003	767	1,017	1,494	0.68	1.33
2004	1,077	1,361	1,677	0.81	1.26
2005	1,231	1,744	1,904	0.92	1.42
Total (1951–2005)	354,726	529,031	643,964	—	—
Average (1951–2004)	6,546	9,765	14,932	0.65	1.49
% change from previous year	14	28	14	13	12
% change from average	-81	-82	-87	40	-5

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

**Harvest numbers were estimated in 1962.

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

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

FOREST GROUSE

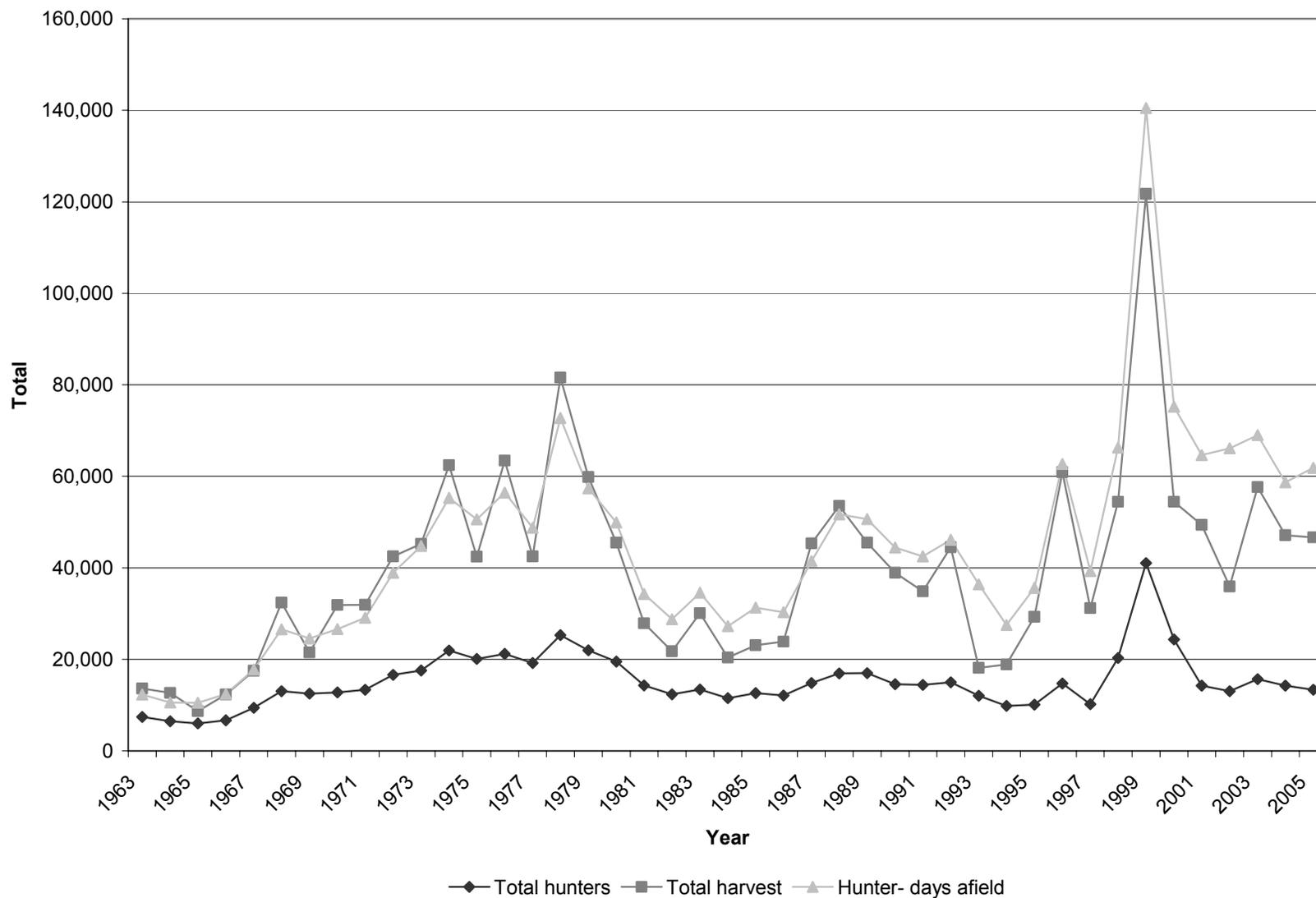
Blue Grouse



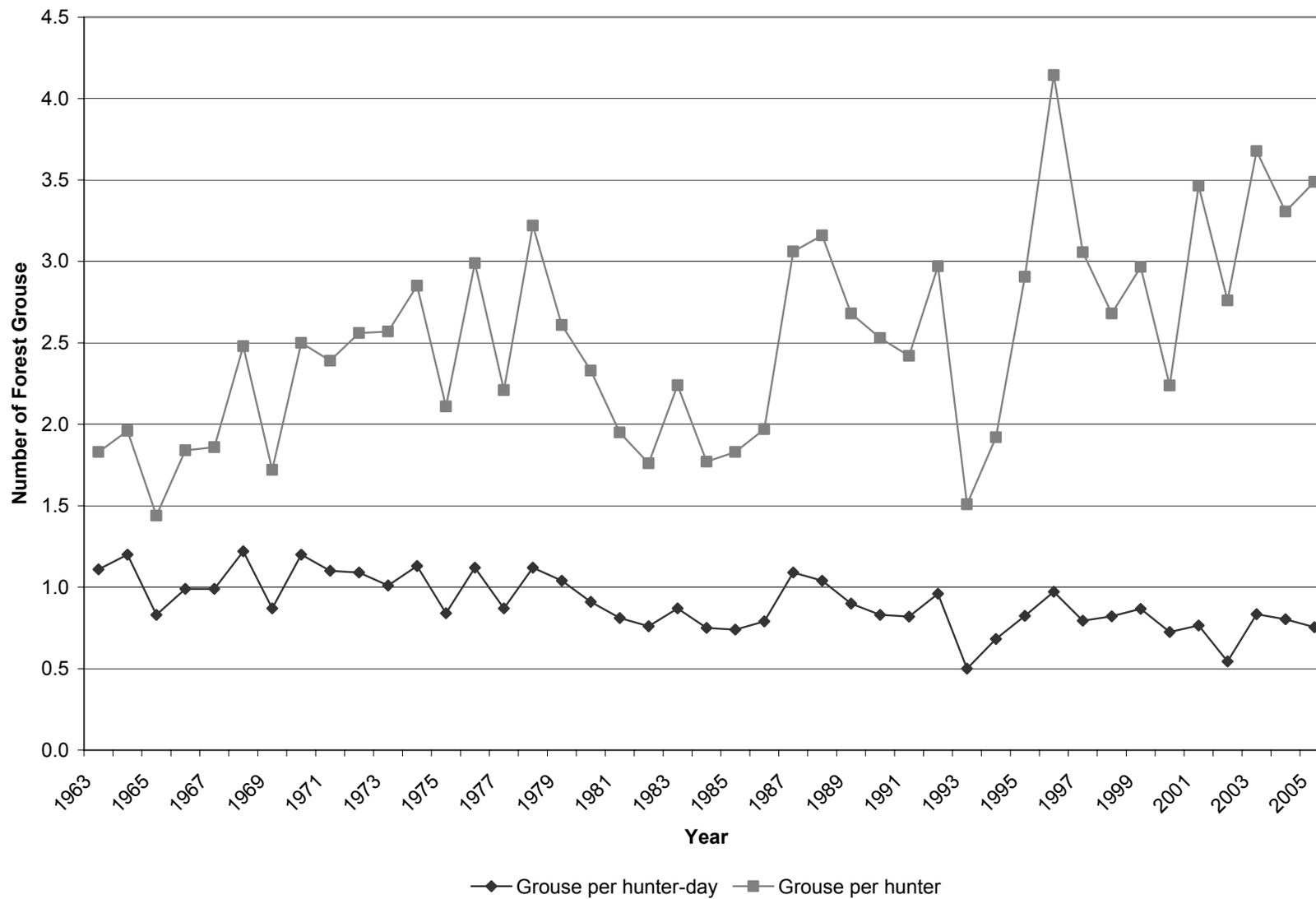
Ruffed Grouse



Statewide trends of Forest Grouse harvest statistics, 1963–2005.



Statewide trends of Forest Grouse hunter success, 1963–2005.



Forest grouse harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Grouse bagged	Grouse / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	19	586	2,685	2,222	0.83	4.6	4.7
Cache	110	3,395	14,136	13,179	0.93	24.1	28.0
Davis	15	463	1,543	988	0.64	2.6	2.1
Morgan	9	278	617	679	1.10	1.1	1.4
Rich	21	648	1,852	1,605	0.87	3.2	3.4
Summit	44	1,358	4,537	3,426	0.76	7.7	7.3
Weber	47	1,451	4,012	3,241	0.81	6.8	6.9
Regional total	265	8,179	29,382	25,340	0.86	50.1	53.8
Central Region							
Juab	7	216	679	741	1.09	1.2	1.6
Salt Lake	6	185	525	340	0.65	0.9	0.7
Sanpete	33	1,019	3,611	2,654	0.73	6.2	5.6
Tooele	10	309	802	586	0.73	1.4	1.2
Utah	58	1,790	6,883	4,907	0.71	11.7	10.4
Wasatch	48	1,481	4,105	2,994	0.73	7.0	6.4
Regional total	162	5,000	16,605	12,222	0.74	28.3	25.9
Southern Region							
Beaver	2	62	93	93	1.00	0.2	0.2
Garfield	8	247	957	309	0.32	1.6	0.7
Iron	11	340	1,019	772	0.76	1.7	1.6
Kane	2	62	340	0	0.00	0.6	0.0
Millard	4	123	370	123	0.33	0.6	0.3
Piute	2	62	123	0	0.00	0.2	0.0
Sevier	21	648	1,944	1,728	0.89	3.3	3.7
Washington	1	31	62	123	1.98	0.1	0.3
Wayne	1	31	123	247	2.01	0.2	0.5
Regional total	52	1,606	5,031	3,395	0.67	8.6	7.2
Northeastern Region							
Daggett	9	278	802	370	0.46	1.4	0.8
Duchesne	20	617	2,222	2,160	0.97	3.8	4.6
Uintah	16	494	1,173	463	0.39	2.0	1.0
Regional total	45	1,389	4,197	2,993	0.71	7.2	6.4
Southeastern Region							
Carbon	11	340	1,420	1,605	1.13	2.4	3.4
Emery	1	31	31	0	0.00	0.1	0.0
Grand	3	93	154	62	0.40	0.3	0.1
San Juan	5	154	432	278	0.64	0.7	0.6
Regional total	20	618	2,037	1,945	0.95	3.5	4.1
Unknown	18	556	1,420	1,235	0.87	2.4	2.6
Statewide total*	462	14,259	58,672	47,130	0.80	100.0	100.0

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

Forest Grouse harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Grouse bagged	Grouse / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	10	306	1,744	1,254	0.72	2.8	2.7
Cache	132	4,039	17,562	14,656	0.83	28.4	31.4
Davis	—	—	—	—	—	—	—
Morgan	2	61	184	398	2.16	0.3	0.9
Rich	10	306	918	673	0.73	1.5	1.4
Summit	15	459	2,325	1,224	0.53	3.8	2.6
Weber	3	92	337	367	1.09	0.5	0.8
Regional total	172	5,263	23,070	18,572	0.81	37.3	39.8
Central Region							
Juab	23	704	2,631	2,295	0.87	4.3	4.9
Salt Lake	1	31	122	61	0.50	0.2	0.1
Sanpete	68	2,081	8,230	5,293	0.64	13.3	11.4
Tooele	2	61	153	184	1.20	0.2	0.4
Utah	5	153	275	275	1.00	0.4	0.6
Wasatch	6	184	704	398	0.57	1.1	0.9
Regional total	105	3,214	12,115	8,506	0.70	19.6	18.2
Southern Region							
Beaver	21	643	2,478	1,713	0.69	4.0	3.7
Garfield	9	275	918	398	0.43	1.5	0.9
Iron	24	734	2,692	2,203	0.82	4.4	4.7
Kane	2	61	92	92	1.00	0.1	0.2
Millard	5	153	306	184	0.60	0.5	0.4
Piute	17	520	2,692	2,081	0.77	4.4	4.5
Sevier	41	1,254	5,569	3,519	0.63	9.0	7.5
Washington	1	31	31	31	1.00	0.1	0.1
Wayne	6	184	490	398	0.81	0.8	0.9
Regional total	126	3,855	15,268	10,619	0.70	24.7	22.8
Northeastern Region							
Daggett	1	31	61	61	1.00	0.1	0.1
Duchesne	10	306	1,683	2,203	1.31	2.7	4.7
Uintah	5	153	490	245	0.50	0.8	0.5
Regional total	16	490	2,234	2,509	1.12	3.6	5.4
Southeastern Region							
Carbon	11	337	1,622	1,928	1.19	2.6	4.1
Emery	12	367	734	459	0.63	1.2	1.0
Grand	14	428	1,775	1,132	0.64	2.9	2.4
San Juan	9	275	1,438	948	0.66	2.3	2.0
Regional total	46	1,407	5,569	4,467	0.80	9.0	9.6
Unknown	24	734	3,610	1,958	0.54	5.8	4.2
Statewide total*	437	13,371	61,866	46,631	0.75	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 harvest statistics, Utah 1963–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter-day	Grouse / hunter
1963	7,425	13,608	12,313	1.11	1.83
1964	6,487	12,691	10,566	1.20	1.96
1965	6,005	8,669	10,504	0.83	1.44
1966	6,683	12,321	12,387	0.99	1.84
1967	9,420	17,526	17,773	0.99	1.86
1968	13,061	32,414	26,537	1.22	2.48
1969	12,523	21,498	24,572	0.87	1.72
1970	12,775	31,898	26,619	1.20	2.50
1971	13,363	31,901	29,100	1.10	2.39
1972	16,640	42,518	38,940	1.09	2.56
1973	17,588	45,232	44,738	1.01	2.57
1974	21,920	62,439	55,258	1.13	2.85
1975	20,102	42,461	50,579	0.84	2.11
1976	21,186	63,436	56,422	1.12	2.99
1977	19,188	42,477	48,746	0.87	2.21
1978	25,318	81,558	72,732	1.12	3.22
1979	21,993	59,851	57,404	1.04	2.61
1980	19,511	45,522	49,899	0.91	2.33
1981	14,329	27,894	34,305	0.81	1.95
1982	12,384	21,778	28,767	0.76	1.76
1983	13,414	30,088	34,530	0.87	2.24
1984	11,511	20,396	27,244	0.75	1.77
1985	12,646	23,097	31,290	0.74	1.83
1986	12,117	23,869	30,312	0.79	1.97
1987	14,831	45,326	41,428	1.09	3.06
1988	16,947	53,562	51,726	1.04	3.16
1989	16,987	45,487	50,631	0.90	2.68
1990	14,591	38,922	44,452	0.83	2.53
1991	14,421	34,897	42,517	0.82	2.42
1992	15,000	44,518	46,136	0.96	2.97
1993	12,029	18,147	36,390	0.50	1.51
1994	9,827	18,862	27,510	0.68	1.92
1995	10,088	29,312	35,591	0.82	2.91
1996	14,702	60,922	62,711	0.97	4.14
1997	10,206	31,198	39,304	0.79	3.06
1998	20,310	54,439	66,256	0.82	2.68
1999	41,041	121,708	140,478	0.87	2.97
2000	24,338	54,456	75,199	0.72	2.24
2001	14,260	49,412	64,632	0.76	3.47
2002	13,020	35,949	66,118	0.54	2.76
2003	15,669	57,633	69,032	0.83	3.68
2004	14,259	47,130	58,672	0.80	3.31
2005	13,371	46,631	61,866	0.75	3.49
Total (1963–2005)	653,484	1,703,653	1,912,186	—	—
Average (1963–2004)	15,241	39,453	44,055	0.90	2.59
% change from previous year	-6	-1	5	-6	6
% change from average	-12	18	40	-16	35

Forest Grouse harvest by species, Utah 1963–2005.

Year	Ruffed		Blue		Unknown		Total harvest
	Total	%	Total	%	Total	%	
1963	5,470	40.2	7,372	54.2	766	5.6	13,608
1964	5,354	42.2	6,685	52.7	652	5.1	12,691
1965	3,225	37.2	4,924	56.8	520	6.0	8,669
1966	6,966	56.5	4,659	37.8	696	5.6	12,321
1967	8,476	48.4	6,773	38.6	2,277	13.0	17,526
1968	17,048	52.6	12,604	38.9	2,762	8.5	32,414
1969	9,490	44.1	10,419	48.5	1,589	7.4	21,498
1970	15,590	48.9	13,515	42.4	2,793	8.8	31,898
1971	15,759	49.4	13,749	43.1	2,393	7.5	31,901
1972	20,648	48.6	19,221	45.2	2,649	6.2	42,518
1973	7,153	15.8	36,846	81.5	1,233	2.7	45,232
1974	24,561	39.3	32,236	51.6	5,642	9.0	62,439
1975	15,750	37.1	23,138	54.5	3,573	8.4	42,461
1976	23,551	37.1	35,660	56.2	4,225	6.7	63,436
1977	15,766	37.1	23,455	55.2	3,256	7.7	42,477
1978	30,340	37.2	46,651	57.2	4,567	5.6	81,558
1979	23,156	38.7	33,070	55.3	3,625	6.1	59,851
1980	15,457	34.0	27,588	60.6	2,477	5.4	45,522
1981	8,557	30.7	17,852	64.0	1,485	5.3	27,894
1982	7,509	34.5	12,138	55.7	2,131	9.8	21,778
1983	11,366	37.8	16,955	56.4	1,767	5.9	30,088
1984	6,780	33.2	12,647	62.0	969	4.8	20,396
1985	8,701	37.7	13,416	58.1	980	4.2	23,097
1986	8,819	36.9	14,156	59.3	894	3.7	23,869
1987	15,811	34.9	28,068	61.9	1,447	3.2	45,326
1988	19,100	35.7	31,556	58.9	2,906	5.4	53,562
1989	16,323	35.9	27,794	61.1	1,370	3.0	45,487
1990	11,010	28.3	26,115	67.1	1,797	4.6	38,922
1991	12,073	34.6	21,310	61.1	1,514	4.3	34,897
1992	15,017	33.7	29,146	65.5	355	0.8	44,518
1993	6,650	36.6	11,040	60.8	457	2.5	18,147
1994	6,908	36.6	11,865	62.9	89	0.5	18,862
1995	13,140	44.8	16,172	55.2	0	0.0	29,312
1996	29,567	48.5	31,355	51.5	0	0.0	60,922
1997	14,861	47.6	16,337	52.4	0	0.0	31,198
1998	12,586	23.1	14,773	27.1	27,080	49.7	54,439
1999	32,018	26.3	28,741	23.6	60,949	50.1	121,708
2000	28,797	52.9	24,321	44.7	1,338	2.5	54,456
2001	24,257	49.1	23,905	48.4	1,250	2.5	49,412
2002	16,253	45.2	17,151	47.7	2,543	7.1	35,949
2003	26,716	46.4	30,071	52.2	846	0.0	57,633
2004	22,400	47.5	23,923	50.8	806	1.7	47,130
2005	17,068	36.6	25,367	54.4	4,196	9.0	46,631

QUAIL

California Quail



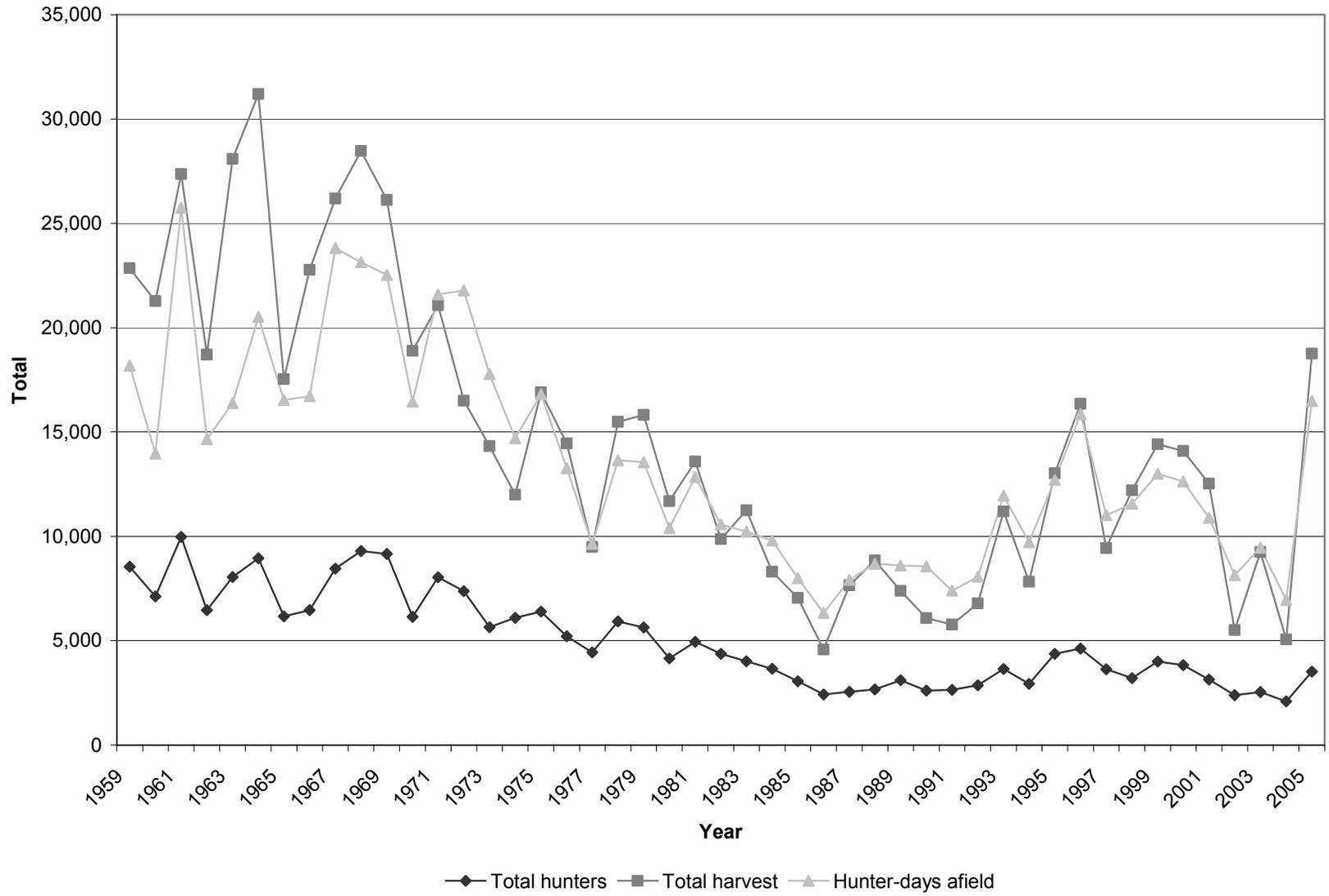
Gambel's Quail



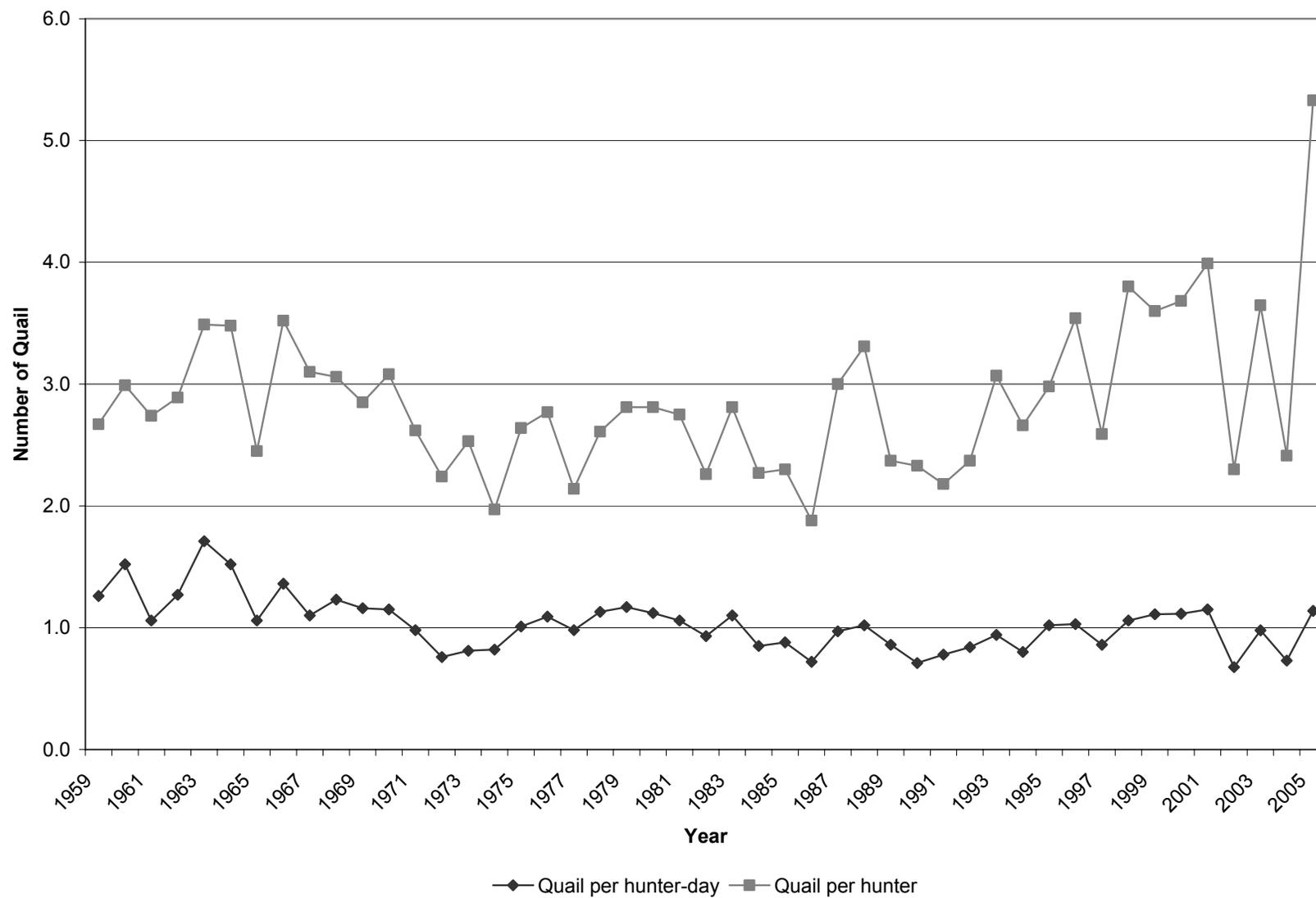
Gambel's Quail waterhole trend counts, west slope of Beaver Dam Mountains, Washington County, Utah 1980–2005.

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
Average (1980–2004)	192	66	258	291

Statewide trends of Quail harvest statistics, Utah 1959–2005.



Statewide trends of Quail hunter success, Utah 1959–2005.



Quail harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Quail bagged	Quail / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	1	31	31	0	0.00	0.4	0.0
Cache	—	—	—	—	—	—	—
Davis	2	62	123	0	0.00	1.8	0.0
Morgan	2	62	62	93	1.50	0.9	1.8
Rich	1	31	432	0	0.00	6.2	0.0
Summit	1	31	62	0	0.00	0.9	0.0
Weber	2	62	185	185	1.00	2.7	3.7
Regional total	9	279	895	278	0.31	12.9	5.5
Central Region							
Juab	1	31	31	0	0.00	0.4	0.0
Salt Lake	—	—	—	—	—	—	—
Sanpete	—	—	—	—	—	—	—
Tooele	—	—	—	—	—	—	—
Utah	8	247	802	309	0.39	11.5	6.1
Wasatch	1	31	31	0	0.00	0.4	0.0
Regional total	10	309	864	309	0.36	12.4	6.1
Southern Region							
Beaver	—	—	—	—	—	—	—
Garfield	—	—	—	—	—	—	—
Iron	1	31	62	0	0.00	0.9	0.0
Kane	—	—	—	—	—	—	—
Millard	—	—	—	—	—	—	—
Piute	—	—	—	—	—	—	—
Sevier	3	93	154	0	0.00	2.2	0.0
Washington	15	463	1,296	1,296	1.00	18.7	25.6
Wayne	—	—	—	—	—	—	—
Regional total	19	587	1,512	1,296	0.86	21.8	25.6
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	7	216	401	1,049	2.62	5.8	20.7
Uintah	17	525	2,377	1,235	0.52	34.2	24.4
Regional total	24	741	2,778	2,284	0.82	40.0	45.1
Southeastern Region							
Carbon	2	62	247	340	1.38	3.6	6.7
Emery	1	31	154	309	2.01	2.2	6.1
Grand	1	31	216	93	0.43	3.1	1.8
San Juan	1	31	31	93	3.00	0.4	1.8
Regional total	5	155	648	835	1.29	9.3	16.5
Unknown	5	154	247	62	0.25	3.6	1.2
Statewide total*	68	2,099	6,944	5,064	0.73	100.0	100.0

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

Quail harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Quail bagged	Quail / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	2	61	153	214	1.40	0.9	1.1
Cache	3	92	245	31	0.13	1.5	0.2
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	1	31	92	214	2.33	0.6	1.1
Summit	1	31	153	459	3.00	0.9	2.4
Weber	—	—	—	—	—	—	—
Regional total	7	215	643	918	1.43	3.9	4.9
Central Region							
Juab	2	61	92	0	0.00	0.6	0.0
Salt Lake	—	—	—	—	—	—	—
Sanpete	3	92	306	0	0.00	1.9	0.0
Tooele	2	61	306	122	0.40	1.9	0.7
Utah	4	122	490	337	0.69	3.0	1.8
Wasatch	—	—	—	—	—	—	—
Regional total	11	336	1,194	459	0.38	7.2	2.4
Southern Region							
Beaver	1	31	31	92	2.97	0.2	0.5
Garfield	1	31	122	367	3.01	0.7	2.0
Iron	1	31	31	0	0.00	0.2	0.0
Kane	—	—	—	—	—	—	—
Millard	—	—	—	—	—	—	—
Piute	—	—	—	—	—	—	—
Sevier	4	122	153	0	0.00	0.9	0.0
Washington	50	1,530	7,496	11,412	1.52	45.5	60.8
Wayne	—	—	—	—	—	—	—
Regional total	57	1,745	7,833	11,871	1.52	47.5	63.3
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	12	367	2,264	1,866	0.82	13.7	9.9
Uintah	12	367	2,692	2,264	0.84	16.3	12.1
Regional total	24	734	4,956	4,130	0.83	30.1	22.0
Southeastern Region							
Carbon	1	31	122	31	0.25	0.7	0.2
Emery	6	184	887	337	0.38	5.4	1.8
Grand	—	—	—	—	—	—	—
San Juan	—	—	—	—	—	—	—
Regional total	7	215	1,009	368	0.36	6.1	2.0
Unknown	11	337	857	1,010	1.18	5.2	5.4
Statewide total*	115	3,519	16,492	18,756	1.14	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 harvest statistics, Utah 1951–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Quail / hunter-day	Quail / hunter
1951	3,856	6,362	7,069	0.90	1.65
1952	2,694	6,105	5,500	1.11	2.27
1953	2,676	5,753	4,494	1.28	2.15
1954	3,855	7,479	8,696	0.86	1.94
1955	—	—	—	0.17	2.10
1956	—	—	—	—	2.26
1957	—	—	—	—	1.85
1958	—	—	—	—	3.73
1959	8,554	22,854	18,174	1.26	2.67
1960	7,117	21,272	13,971	1.52	2.99
1961	9,980	27,362	25,746	1.06	2.74
1962	6,462	18,710	14,660	1.27	2.89
1963	8,059	28,088	16,383	1.71	3.49
1964	8,951	31,189	20,510	1.52	3.48
1965	6,163	17,532	16,528	1.06	2.45
1966	6,465	22,771	16,720	1.36	3.52
1967	8,455	26,187	23,806	1.10	3.10
1968	9,302	28,469	23,132	1.23	3.06
1969	9,160	26,119	22,529	1.16	2.85
1970	6,141	18,896	16,452	1.15	3.08
1971	8,039	21,082	21,595	0.98	2.62
1972	7,380	16,504	21,779	0.76	2.24
1973	5,654	14,324	17,777	0.81	2.53
1974	6,097	12,005	14,702	0.82	1.97
1975	6,397	16,903	16,805	1.01	2.64
1976	5,215	14,454	13,261	1.09	2.77
1977	4,446	9,496	9,646	0.98	2.14
1978	5,924	15,491	13,649	1.13	2.61
1979	5,632	15,821	13,550	1.17	2.81
1980	4,156	11,690	10,400	1.12	2.81
1981	4,946	13,586	12,843	1.06	2.75
1982	4,368	9,870	10,575	0.93	2.26
1983	4,012	11,248	10,232	1.10	2.81
1984	3,654	8,303	9,805	0.85	2.27
1985	3,065	7,051	7,994	0.88	2.30
1986	2,432	4,574	6,326	0.72	1.88
1987	2,549	7,648	7,918	0.97	3.00
1988	2,671	8,849	8,682	1.02	3.31
1989	3,111	7,384	8,607	0.86	2.37
1990	2,614	6,091	8,561	0.71	2.33

Statewide Quail harvest statistics, Utah 1951–2005 (cont.).

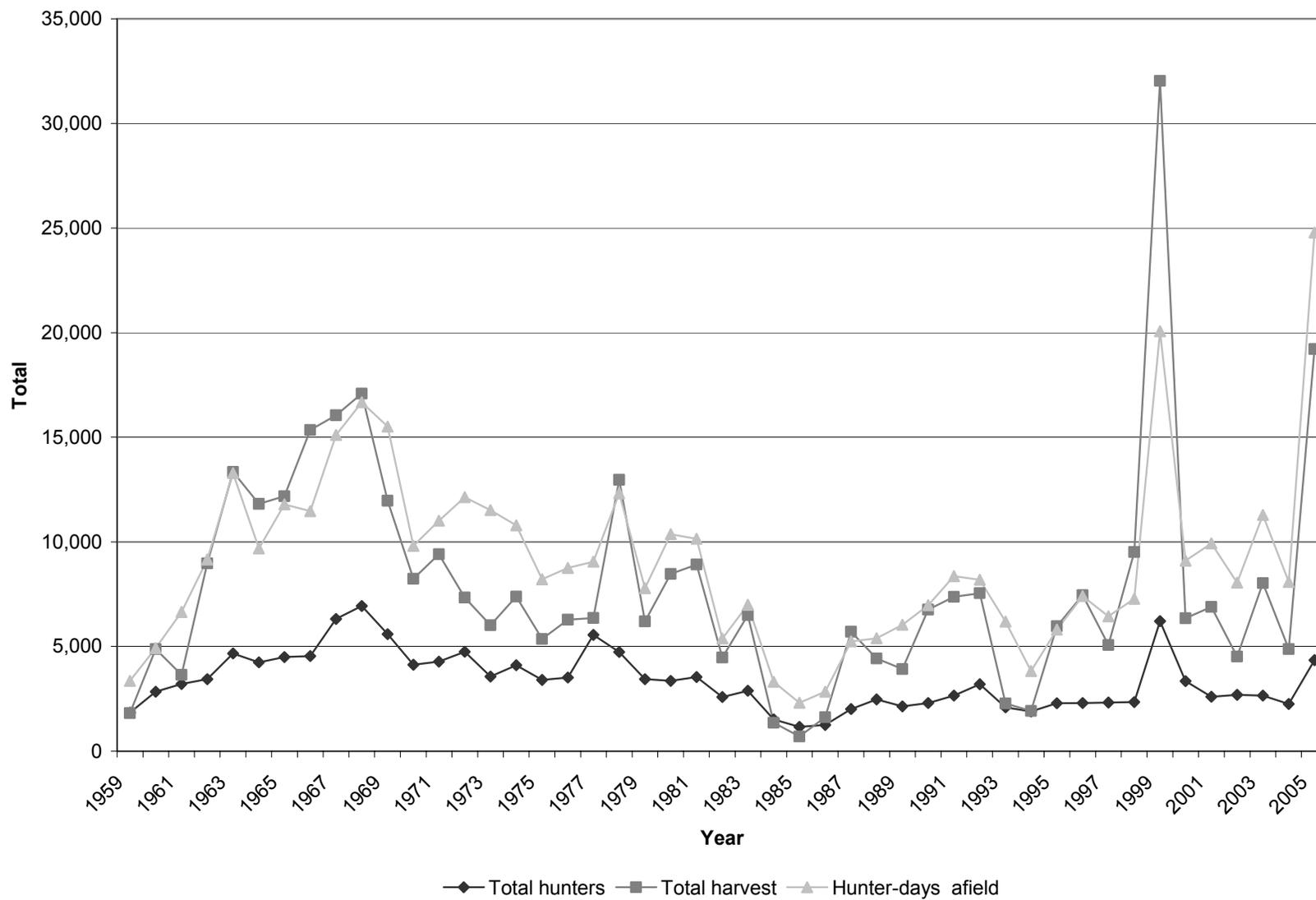
Year	Total hunters	Total harvest	Hunter-days afield	Quail / hunter-day	Quail / hunter
1991	2,644	5,775	7,393	0.78	2.18
1992	2,861	6,788	8,068	0.84	2.37
1993	3,649	11,192	11,952	0.94	3.07
1994	2,936	7,822	9,721	0.80	2.66
1995	4,374	13,023	12,712	1.02	2.98
1996	4,622	16,351	15,862	1.03	3.54
1997	3,637	9,436	11,016	0.86	2.59
1998	3,211	12,213	11,562	1.06	3.80
1999	4,002	14,422	13,007	1.11	3.60
2000	3,828	14,093	12,638	1.12	3.68
2001	3,140	12,528	10,894	1.15	3.99
2002	2,394	5,508	8,142	0.68	2.30
2003	2,537	9,254	9,463	0.98	3.65
2004	2,099	5,064	6,944	0.73	2.41
2005	3,519	18,756	16,492	1.14	5.33
Total (1951–2005)	249,705	709,747	664,943	—	—
Average (1951–2004)	4,924	13,820	12,969	1.07	2.81
% change from previous year	68	270	138	56	121
% change from average	-29	36	27	7	90

HUNGARIAN PARTRIDGE

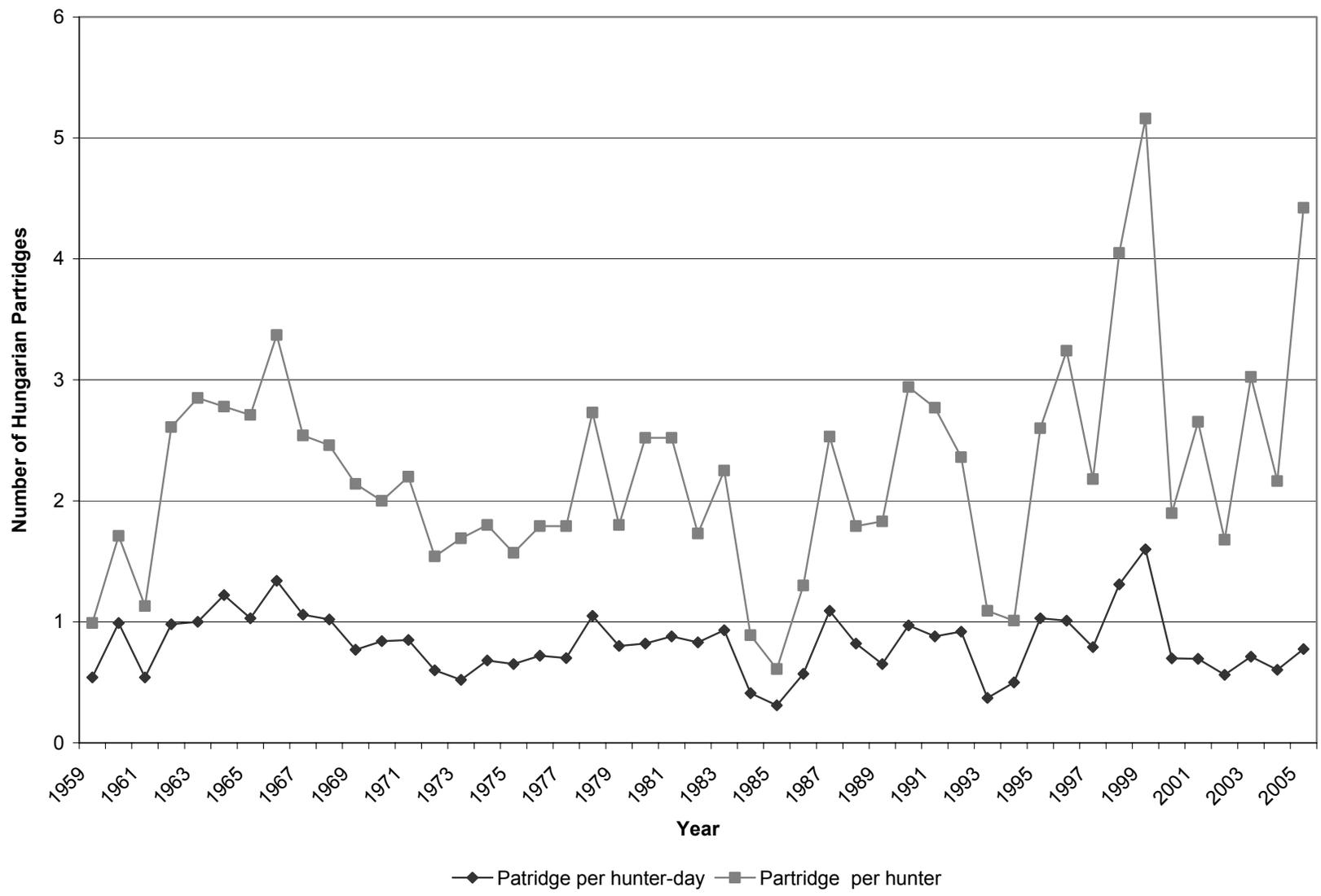


CLARK BRONSON

Statewide trends of Hungarian Partridge harvest statistics, Utah 1959–2005.



Statewide trends of Hungarian Partridge hunter success, Utah 1959–2005.



Hungarian Partridge harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Partridges bagged	Partridges / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	37	1,142	4,414	3,148	0.71	54.6	64.5
Cache	22	679	2,191	1,235	0.56	27.1	25.3
Davis	—	—	—	—	—	—	—
Morgan	3	93	123	0	0.00	1.5	0.0
Rich	3	93	340	62	0.18	4.2	1.3
Summit	—	—	—	—	—	—	—
Weber	—	—	—	—	—	—	—
Regional total	65	2,007	7,068	4,445	0.63	87.4	91.1
Central Region							
Juab	1	31	93	0	0.00	1.1	0.0
Salt Lake	—	—	—	—	—	—	—
Sanpete	—	—	—	—	—	—	—
Tooele	2	62	154	0	0.00	1.9	0.0
Utah	1	31	185	0	0.00	2.3	0.0
Wasatch	1	31	31	62	2.00	0.4	1.3
Regional total	5	155	463	62	0.13	5.7	1.3
Southern Region							
Beaver	—	—	—	—	—	—	—
Garfield	—	—	—	—	—	—	—
Iron	—	—	—	—	—	—	—
Kane	—	—	—	—	—	—	—
Millard	1	31	93	0	0.00	1.1	0.0
Piute	—	—	—	—	—	—	—
Sevier	2	62	154	62	0.40	1.9	1.3
Washington	—	—	—	—	—	—	—
Wayne	—	—	—	—	—	—	—
Regional total	3	93	247	62	0.25	3.1	1.3
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	1	31	62	123	1.98	0.8	2.5
Uintah	1	31	31	0	0.00	0.4	0.0
Regional total	2	62	93	123	1.32	1.1	2.5
Southeastern Region							
Carbon	—	—	—	—	—	—	—
Emery	—	—	—	—	—	—	—
Grand	—	—	—	—	—	—	—
San Juan	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Unknown	2	62	216	185	0.86	2.7	3.8
Statewide total*	73	2,253	8,087	4,877	0.60	100.0	100.0

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

Hungarian Partridge harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Partridges bagged	Partridges / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	62	1,897	13,524	12,392	0.92	54.6	64.5
Cache	69	2,111	9,454	5,691	0.60	38.1	29.6
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	1	31	31	0	0.00	0.1	0.0
Summit	2	61	245	92	0.38	1.0	0.5
Weber	—	—	—	—	—	—	—
Regional total	134	4,100	23,254	18,175	0.78	93.8	94.6
Central Region							
Juab	1	31	61	0	0.00	0.2	0.0
Salt Lake	—	—	—	—	—	—	—
Sanpete	2	61	673	581	0.86	2.7	3.0
Tooele	1	31	61	0	0.00	0.2	0.0
Utah	—	—	—	—	—	—	—
Wasatch	—	—	—	—	—	—	—
Regional total	4	123	795	581	0.73	3.2	3.0
Southern Region							
Beaver	—	—	—	—	—	—	—
Garfield	—	—	—	—	—	—	—
Iron	—	—	—	—	—	—	—
Kane	—	—	—	—	—	—	—
Millard	1	31	61	61	1.00	0.2	0.3
Piute	—	—	—	—	—	—	—
Sevier	4	122	551	275	0.50	2.2	1.4
Washington	—	—	—	—	—	—	—
Wayne	—	—	—	—	—	—	—
Regional total	5	153	612	336	0.55	2.5	1.7
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	—	—	—	—	—	—	—
Uintah	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Southeastern Region							
Carbon	—	—	—	—	—	—	—
Emery	—	—	—	—	—	—	—
Grand	—	—	—	—	—	—	—
San Juan	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Unknown	3	92	122	122	1.00	0.5	0.6
Statewide total*	142	4,345	24,783	19,214	0.78	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 Hungarian Partridge harvest statistics, Utah 1955–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Partridges / hunter-day	Partridges / hunter
1955	—	—	—	—	0.39
1956	—	—	—	—	0.89
1957	—	—	—	—	0.45
1958	—	—	—	—	1.34
1959	1,846	1,820	3,354	0.54	0.99
1960	2,847	4,877	4,929	0.99	1.71
1961	3,205	3,648	6,645	0.54	1.13
1962	3,440	8,970	9,153	0.98	2.61
1963	4,676	13,343	13,291	1.00	2.85
1964	4,249	11,812	9,688	1.22	2.78
1965	4,498	12,183	11,798	1.03	2.71
1966	4,549	15,348	11,473	1.34	3.37
1967	6,321	16,049	15,105	1.06	2.54
1968	6,935	17,089	16,674	1.02	2.46
1969	5,591	11,966	15,515	0.77	2.14
1970	4,128	8,236	9,818	0.84	2.00
1971	4,276	9,407	11,011	0.85	2.20
1972	4,754	7,335	12,135	0.60	1.54
1973	3,566	6,014	11,516	0.52	1.69
1974	4,103	7,389	10,789	0.68	1.80
1975	3,409	5,358	8,216	0.65	1.57
1976	3,517	6,287	8,753	0.72	1.79
1977	5,557	6,360	9,058	0.70	1.79
1978	4,743	12,969	12,328	1.05	2.73
1979	3,435	6,200	7,787	0.80	1.80
1980	3,359	8,466	10,366	0.82	2.52
1981	3,545	8,916	10,147	0.88	2.52
1982	2,590	4,475	5,379	0.83	1.73
1983	2,889	6,506	6,998	0.93	2.25
1984	1,523	1,360	3,309	0.41	0.89
1985	1,157	707	2,314	0.31	0.61
1986	1,257	1,627	2,843	0.57	1.30
1987	2,010	5,711	5,246	1.09	2.53
1988	2,471	4,424	5,392	0.82	1.79
1989	2,136	3,920	6,035	0.65	1.83
1990	2,305	6,770	6,976	0.97	2.94

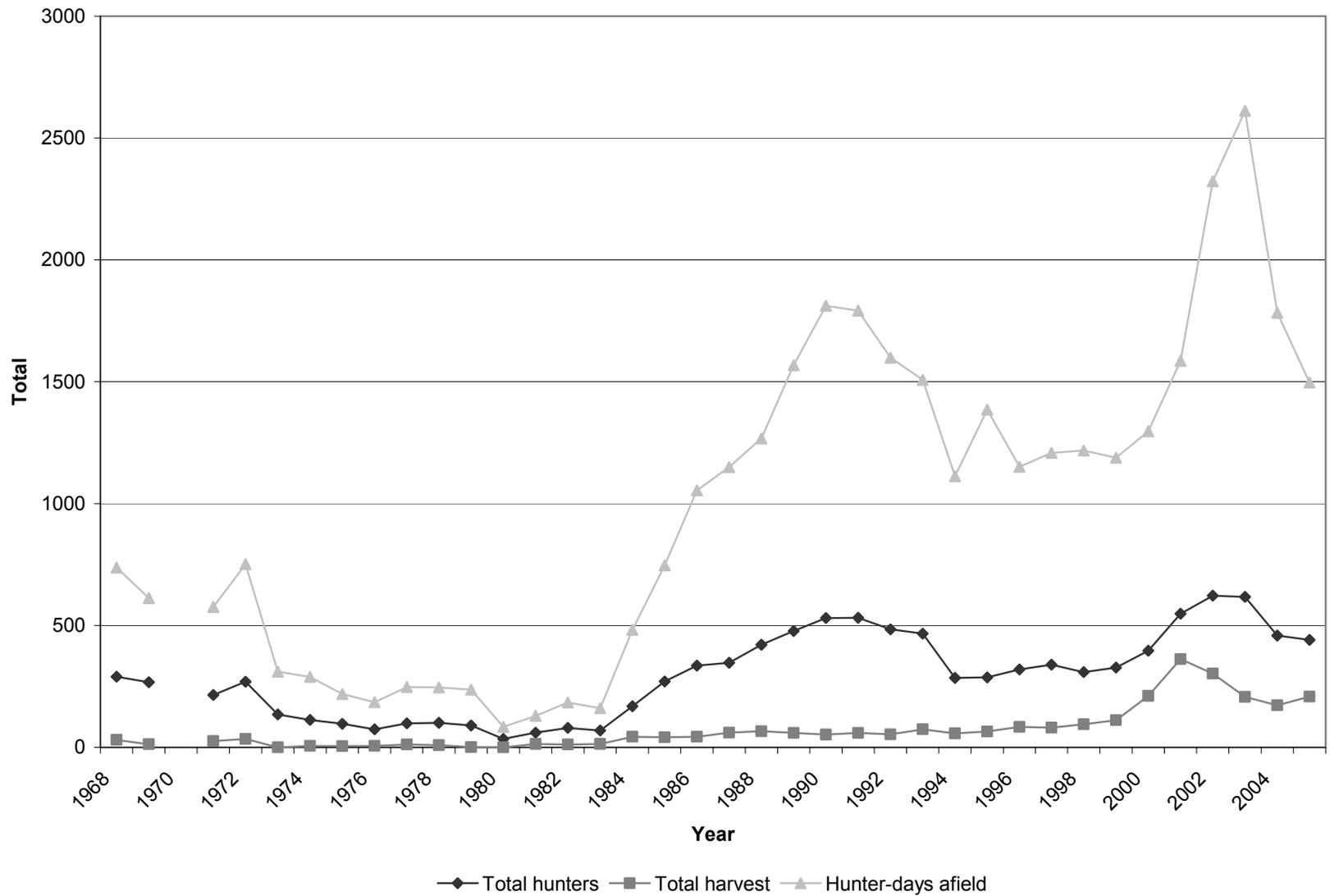
Statewide Hungarian Partridge harvest statistics, Utah 1955–2005 (cont.).

Year	Total hunters	Total harvest	Hunter-days afield	Partridges / hunter-day	Partridges / hunter
1991	2,662	7,376	8,367	0.88	2.77
1992	3,198	7,553	8,192	0.92	2.36
1993	2,090	2,280	6,194	0.37	1.09
1994	1,899	1,916	3,832	0.50	1.01
1995	2,294	5,967	5,812	1.03	2.60
1996	2,299	7,455	7,409	1.01	3.24
1997	2,328	5,071	6,443	0.79	2.18
1998	2,350	9,515	7,281	1.31	4.05
1999	6,211	32,036	20,063	1.60	5.16
2000	3,349	6,355	9,096	0.70	1.90
2001	2,596	6,889	9,933	0.69	2.65
2002	2,694	4,520	8,052	0.56	1.68
2003	2,656	8,030	11,283	0.71	3.02
2004	2,253	4,877	8,087	0.60	2.16
2005	4,345	19,214	24,783	0.78	4.42
Totals (1955–2005)	158,111	374,596	428,868	—	—
Average (1955–2004)	3,343	7,726	8,784	0.88	2.31
% change from previous year	93	294	206	29	104
% change from average	30	149	182	-12	91

WILD TURKEY



Statewide trends of spring Merriam's Wild Turkey harvest statistics, Utah 1968–2005.

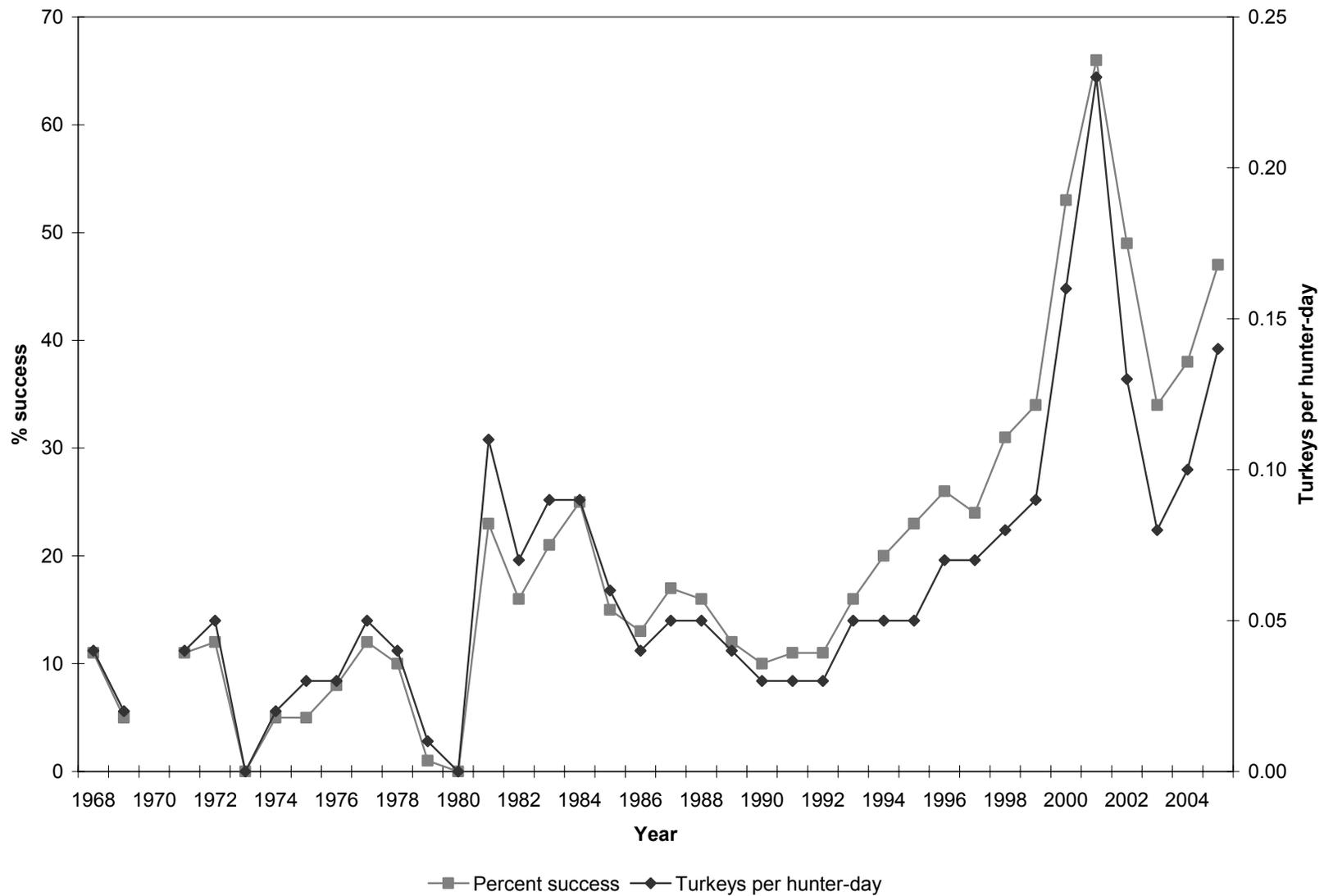


*No spring season in 1970.

**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 1968–2005.



*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.

Merriam's Wild Turkey harvest statistics by hunt, Utah 2004.

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
Boulder									
Early	201	30	60	58	196	3.4	18	31.0	0.09
Late	202	30	60	56	218	3.9	12	21.4	0.06
Total		60	120	114	414	3.6	30	26.3	0.07
La Sal									
Early	203	14	25	23	75	3.3	16	69.6	0.21
Late	204	22	36	31	118	3.8	5	16.1	0.04
Total		36	61	54	193	3.6	21	38.9	0.11
San Juan									
Early	205	25	42	39	160	4.1	17	43.6	0.11
Late	206	30	60	54	182	3.4	18	33.3	0.10
Total		55	102	93	342	3.7	35	37.6	0.10
Zion									
Early	207	32	90	84	293	3.5	48	57.1	0.16
Late	208	59	120	114	541	4.7	39	34.2	0.07
Total		91	210	198	834	4.2	87	43.9	0.10
Statewide total		242	493	459	1783	3.9	173	37.7	0.10

*Data does not include conservation permit information.

Merriam's Wild Turkey harvest statistics by hunt, Utah 2005.

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
Boulder									
A	201	20	48	46	130	2.8	22	47.8	0.17
B	202	25	48	38	140	3.7	15	39.5	0.11
C	203	22	48	33	96	2.9	11	33.3	0.11
Total		67	144	117	366	3.1	48	41.0	0.13
La Sal									
A	204	11	23	19	56	2.9	6	31.6	0.11
B	205	13	21	18	71	3.9	6	33.3	0.08
C	206	20	32	29	139	4.8	10	34.5	0.07
Total		44	76	66	266	4.0	22	33.3	0.08
San Juan									
A	207	15	32	30	53	1.8	28	93.3	0.53
B	208	16	32	24	76	3.2	18	75.0	0.24
C	209	29	56	42	187	4.5	21	50.0	0.11
Total		60	120	96	316	3.3	67	69.8	0.21
Zion									
A	210	30	77	51	159	3.1	23	45.1	0.14
B	211	30	69	53	150	2.8	18	34.0	0.12
C	212	30	75	58	240	4.1	30	51.7	0.13
Total		90	221	162	549	3.4	71	43.8	0.13
Statewide total		261	561	441	1497	3.4	208	47.2	0.14

*Data does not include conservation permit or landowner permit information.

Average number of Merriam's Wild Turkeys observed while hunting, Utah 2004.

Hunt name	Hunt number	n	Mean number of Turkeys observed / hunter				
			Gobblers	Hens	Jakes	Unidentified	Total
Boulder							
Early	201	29	2.4	12.1	2.6	2.0	19.2
Late	202	28	1.7	5.3	2.2	1.1	10.3
Average		57	2.1	8.8	2.4	1.6	14.8
La Sal							
Early	203	13	3.4	9.5	3.3	2.2	18.4
Late	204	19	1.2	3.1	0.5	0.9	5.7
Average		32	2.1	5.7	1.7	1.4	10.8
San Juan							
Early	205	23	6.7	22.0	10.0	4.1	42.8
Late	206	27	4.4	11.6	3.5	2.4	21.9
Average		50	5.5	16.4	6.5	3.2	31.5
Zion							
Early	207	30	3.5	9.9	2.4	4.0	19.9
Late	208	56	3.9	10.8	2.6	1.2	18.5
Average		86	3.8	10.5	2.6	2.2	19.0
Statewide average		225	3.5	10.7	3.3	2.1	19.6

*Data does not include conservation permit information.

Average number of Merriam's Wild Turkeys observed while hunting, Utah 2005.

Hunt name	Hunt number	n	Mean number of Turkeys observed / hunter				
			Gobblers	Hens	Jakes	Unidentified	Total
Boulder							
A	201	19	10.3	17.8	7.8	1.7	37.6
B	202	20	2.9	11.7	3.9	0.9	19.4
C	203	15	2.3	7.2	2.8	1.7	14.0
Average		54	5.3	12.6	5.0	1.4	24.3
La Sal							
A	204	9	4.7	3.0	1.7	0.0	9.4
B	205	11	4.0	11.9	3.3	0.0	19.2
C	206	18	2.1	5.2	2.6	2.1	12.0
Average		38	3.3	6.6	2.6	1.0	13.5
San Juan							
A	207	14	11.4	23.2	3.6	1.7	39.9
B	208	12	10.6	14.6	5.7	2.7	33.6
C	209	22	6.6	8.5	3.4	1.8	20.3
Average		48	9.0	14.3	4.0	2.0	29.3
Zion							
A	210	20	3.1	5.5	3.0	0.4	12.0
B	211	23	3.4	7.2	2.0	0.3	12.9
C	212	23	2.7	4.0	1.6	0.3	8.6
Average		66	3.1	5.6	2.2	0.3	11.1
Statewide average		206	5.1	9.6	3.4	1.1	19.3

*Data does not include conservation permit or landowner permit information.

Statewide Merriam's Wild Turkey spring season harvest statistics, Utah 1968–2005.

Year	Total hunters	Total harvest	Hunter-days afield	% success	Turkeys / hunter-day	% of hunters observing Turkeys	Total permits
1968	290	31	738	11	0.04	41	310
1969	267	13	612	5	0.02	22	276
1970	—	—	—	—	—	—	—
1971	215	26	576	11	0.04	38	223
1972	269	35	751	12	0.05	39	285
1973	135	0	311	0	0.00	10	150
1974	112	6	289	5	0.02	22	121
1975	97	5	219	5	0.03	29	103
1976	74	6	185	8	0.03	32	81
1977	99	12	248	12	0.05	39	108
1978	101	9	246	10	0.04	42	116
1979	90	1	237	1	0.01	8	113
1980	35	0	84	0	0.00	17	40
1981	60	14	129	23	0.11	53	83
1982	80	12	184	16	0.07	62	91
1983	69	14	161	21	0.09	55	92
1984	169	43	482	25	0.09	72	190
1985	270	41	747	15	0.06	52	314
1986	335	43	1,054	13	0.04	57	362
1987	347	60	1,150	17	0.05	57	384
1988	421	66	1,267	16	0.05	50	490
1989	477	59	1,568	12	0.04	55	527
1990	531	52	1,812	10	0.03	51	579
1991	532	59	1,792	11	0.03	49	587
1992	484	53	1,599	11	0.03	45	538
1993	466	74	1,508	16	0.05	54	500
1994	285	57	1,112	20	0.05	—	335
1995	287	65	1,386	23	0.05	40	335

Statewide Merriam's Wild Turkey spring season harvest statistics, Utah 1968–2005 (cont.).

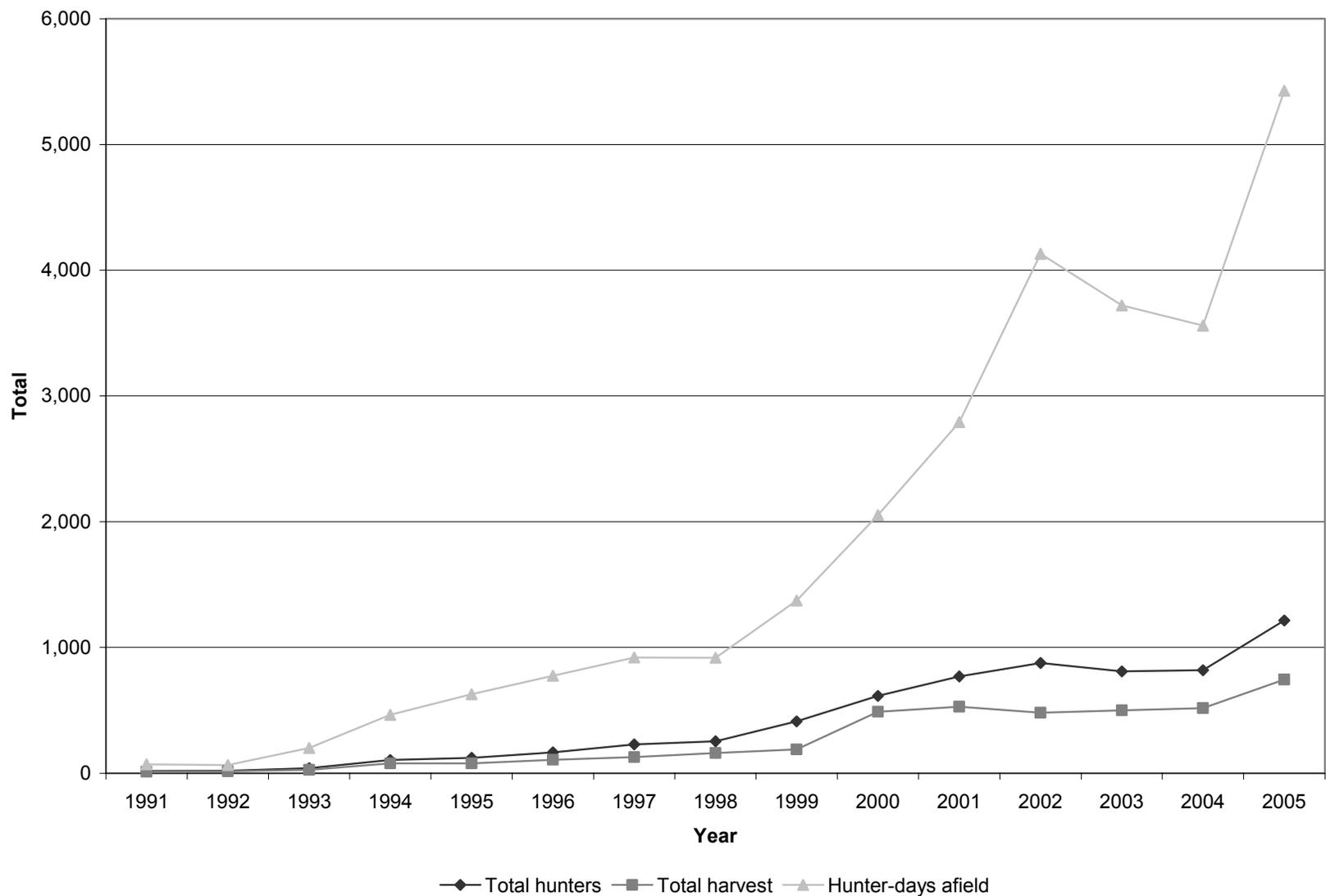
Year	Total hunters	Total harvest	Hunter-days afield	% success	Turkeys / hunter-day	% of hunters observing Turkeys	Total permits
1996	320	84	1,151	26	0.07	78	355
1997	339	81	1,208	24	0.07	87	362
1998	309	95	1,218	31	0.08	18	358
1999	327	111	1,188	34	0.09	84	355
2000	396	211	1,297	53	0.16	77	431
2001	548	362	1,586	66	0.23	90	569
2002	622	303	2,322	49	0.13	—	689
2003	617	207	2,611	34	0.08	—	660
2004	459	173	1,783	38	0.10	88	493
2005	441	208	1,497	47	0.14	88	561
Total (1968–2005)	10,975	2,691	36,308	—	—	—	12,166
Average (1968–2004)	293	69	967	19	0.06	49	322
% change from previous year	-4	20	-16	24	40	0	14
% change from average	51	202	55	147	131	80	74

*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.

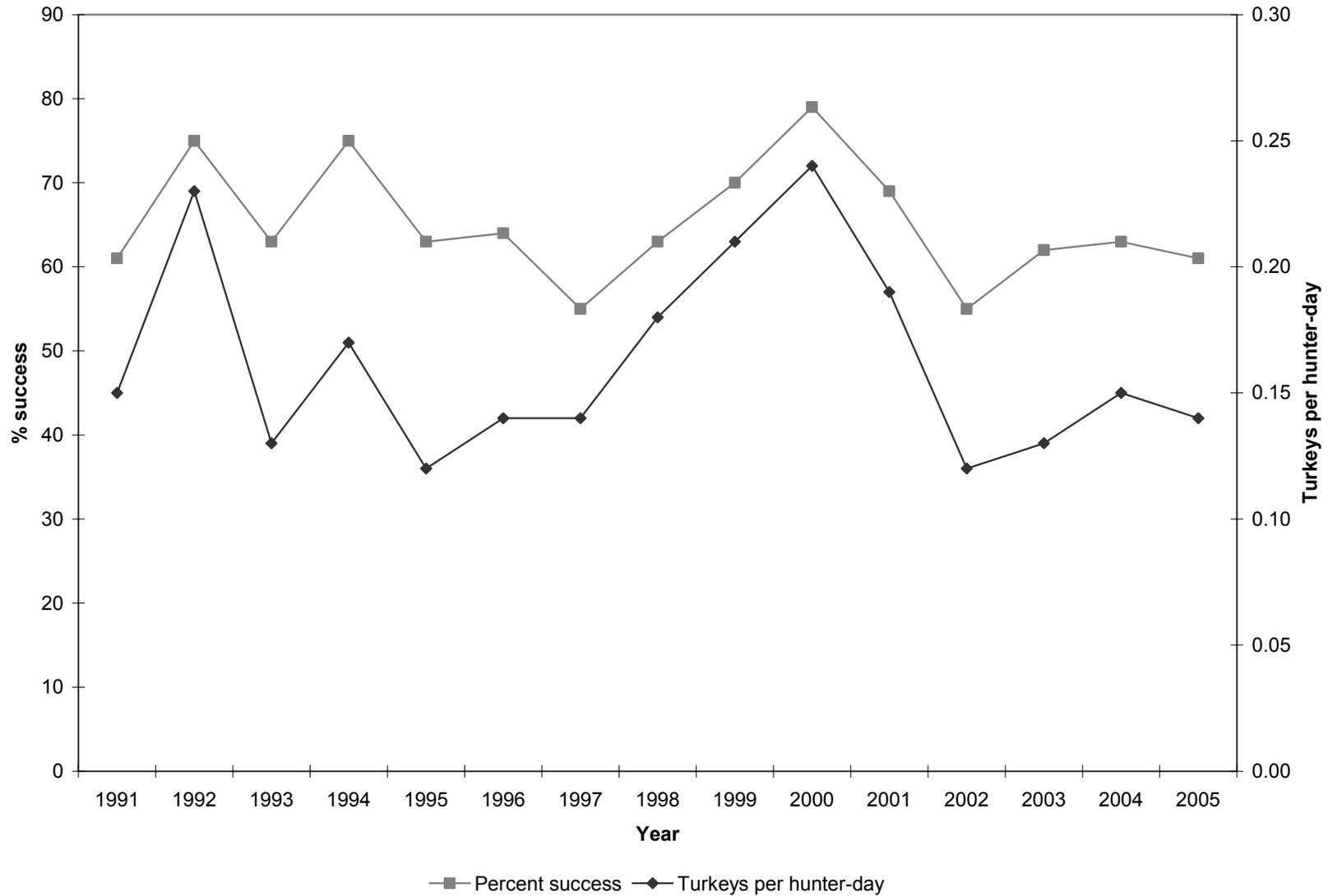
Statewide trends of spring Rio Grande Wild Turkey harvest statistics, Utah 1991–2005.



*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 1991–2005.



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

Rio Grande Wild Turkey harvest statistics by hunt, Utah 2004.

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
Beaver									
A	101	8	18	18	79	4.4	14	77.8	0.18
B	102	12	18	18	90	5.0	18	100.0	0.20
C	103	9	18	18	100	5.6	8	44.4	0.08
Total		29	54	54	269	5.0	40	74.1	0.15
Book Cliffs, South									
	104	3	4	4	16	4.0	0	0.0	0.00
Cache, West									
Early	105	6	12	12	52	4.3	6	50.0	0.12
Late	106	8	12	12	38	3.2	11	91.7	0.29
Total		14	24	24	90	3.8	17	70.8	0.19
Cache, East									
Early	107	6	12	10	18	1.8	8	80.0	0.44
Late	108	6	12	12	40	3.3	12	100.0	0.30
Total		12	24	22	58	2.6	20	90.9	0.34
Caineville									
	109	1	7	7	21	3.0	0	0.0	0.00
Central Region West									
	110	5	6	6	48	8.0	4	66.7	0.08
Chalk Creek									
Early	111	9	12	12	17	1.4	9	75.0	0.53
Late	112	5	12	12	89	7.4	10	83.3	0.11
Total		14	24	24	106	4.4	19	79.2	0.18
Colorado River									
A	113	3	6	6	34	5.7	2	33.3	0.06
B	114	3	6	4	8	2.0	0	0.0	0.00
C	115	4	6	5	35	7.0	3	60.0	0.09
Total		10	18	15	77	5.1	5	33.3	0.06
Duchesne County									
Early	116	11	13	11	41	3.7	6	54.5	0.15
Late	117	7	12	12	38	3.2	5	41.7	0.13
Total		18	25	23	79	3.4	11	47.8	0.14

*Data does not include conservation permit information.

Rio Grande Wild Turkey harvest statistics by hunt, Utah 2004 (cont.).

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
East Canyon									
Early	118	2	12	12	48	4.0	6	50.0	0.13
Late	119	6	12	10	48	4.8	8	80.0	0.17
Total		8	24	22	96	4.4	14	63.6	0.15
Emery County West									
	120	3	5	5	33	6.6	3	60.0	0.09
Fillmore, Oak Creek									
A	121	11	14	14	66	4.7	9	64.3	0.14
B	122	7	14	14	68	4.9	12	85.7	0.18
C	123	9	14	14	58	4.1	8	57.1	0.14
Total		27	42	42	192	4.6	29	69.0	0.15
Fillmore, Pahvant									
A	124	7	24	24	89	3.7	7	29.2	0.08
B	125	12	24	22	102	4.6	16	72.7	0.16
C	126	16	24	21	107	5.1	12	57.1	0.11
Total		35	72	67	298	4.4	35	52.2	0.12
Green River									
A	127	5	10	10	32	3.2	10	100.0	0.31
B	128	3	10	10	77	7.7	3	30.0	0.04
C	129	3	10	10	63	6.3	7	70.0	0.11
Total		11	30	30	172	5.7	20	66.7	0.12
Juab									
A	130	4	7	7	28	4.0	5	71.4	0.18
B	131	5	7	7	38	5.4	6	85.7	0.16
C	132	4	7	7	39	5.6	4	57.1	0.10
Total		13	21	21	105	5.0	15	71.4	0.14
Kaiparowits									
	133	2	10	10	25	2.5	5	50.0	0.20
Monroe Mountain									
Early	134	3	5	5	28	5.6	3	60.0	0.11
Late	135	3	5	5	18	3.6	3	60.0	0.17
Total		6	10	10	46	4.6	6	60.0	0.13

*Data does not include conservation permit information.

Rio Grande Wild Turkey harvest statistics by hunt, Utah 2004 (cont.).

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
Morgan- South Rich									
Early	136	5	6	6	19	3.2	6	100.0	0.32
Late	137	3	6	6	34	5.7	4	66.7	0.12
Total		8	12	12	53	4.4	10	83.3	0.19
Mount Dutton	138	5	8	8	35	4.4	3	37.5	0.09
Ogden, Cache	139	4	6	5	45	9.0	3	60.0	0.07
Ogden, South									
Early	140	10	24	22	86	3.9	12	54.5	0.14
Late	141	11	24	20	137	6.9	9	45.0	0.07
Total		21	48	42	223	5.3	21	50.0	0.09
Ogden Middle Fork WMA	142	—	5	—	—	—	—	—	—
Oquirrh Mountains									
Early	143	7	14	14	34	2.4	14	100.0	0.41
Late	144	6	14	12	47	3.9	9	75.0	0.19
Total		13	28	26	81	3.1	23	88.5	0.28
Paunsaugunt									
Early	145	5	12	7	19	2.7	7	100.0	0.37
Late	146	13	20	15	40	2.7	11	73.3	0.28
Total		18	32	22	59	2.7	18	81.8	0.31
Panguitch Lake	147	5	10	10	76	7.6	6	60.0	0.08
Pine Valley									
A	148	25	36	33	125	3.8	23	69.7	0.18
B	149	18	36	34	142	4.2	20	58.8	0.14
C	150	18	36	30	126	4.2	18	60.0	0.14
Total		61	108	97	393	4.1	61	62.9	0.16
Southwest Desert	151	5	6	5	28	5.6	1	20.0	0.04
Stansbury Mountains									
Early	152	7	10	9	36	4.0	7	77.8	0.19
Late	153	7	10	10	61	6.1	4	40.0	0.07
Total		14	20	19	97	5.1	11	57.9	0.11

*Data does not include conservation permit information.

Rio Grande Wild Turkey harvest statistics by hunt, Utah 2004 (cont.).

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
Uintah County									
Early	154	18	36	36	98	2.7	26	72.2	0.27
Late	155	23	36	34	157	4.6	22	64.7	0.14
Total		41	72	70	255	3.6	48	68.6	0.19
Utah County North									
A	156	13	24	24	92	3.8	17	70.8	0.18
B	157	11	24	22	81	3.7	13	59.1	0.16
C	158	13	24	24	96	4.0	11	45.8	0.11
Total		37	72	70	269	3.8	41	58.6	0.15
Utah County South									
A	159	5	12	10	77	7.7	2	20.0	0.03
B	160	6	12	12	40	3.3	6	50.0	0.15
C	161	6	12	10	52	5.2	10	100.0	0.19
Total		17	36	32	169	5.3	18	56.3	0.11
Wasatch County									
Early	162	4	8	8	18	2.3	6	75.0	0.33
Late	163	3	8	8	27	3.4	5	62.5	0.19
Total		7	16	16	45	2.8	11	68.8	0.24
Statewide total		467	879	820	3559	4.3	518	63.2	0.15

*Data does not include conservation permit information.

Rio Grande Wild Turkey harvest statistics by hunt, Utah 2005.

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
Beaver									
A	101	12	35	29	82	2.8	26	89.7	0.32
B	102	12	35	32	181	5.7	20	62.5	0.11
C	103	16	35	35	199	5.7	15	42.9	0.08
Total		40	105	96	462	4.8	61	63.5	0.13
Beaver West									
	104	4	5	5	15	3.0	4	80.0	0.27
Book Cliffs, South									
	105	2	7	0	0	0.0	0	—	—
Cache									
Early	106	22	44	36	142	3.9	32	88.9	0.23
Late	107	16	44	41	162	4.0	30	73.2	0.19
Total		38	88	77	304	3.9	62	80.5	0.20
Caineville									
	108	4	6	5	9	1.8	3	60.0	0.33
Carbon County West									
	109	1	3	0	0	0.0	0	—	—
Central Mtns., West Manti									
	110	8	14	14	68	4.9	14	100.0	0.21
Central Mtns., Nebo									
A	111	10	32	26	90	3.5	13	50.0	0.14
B	112	16	33	25	99	4.0	12	48.0	0.12
C	113	15	36	34	154	4.5	22	64.7	0.14
Total		41	101	85	343	4.0	47	55.3	0.14
Central Region West									
Early	114	21	41	33	111	3.4	25	75.8	0.23
Late	115	23	47	45	411	9.1	31	68.9	0.08
Total		44	88	78	522	6.7	56	71.8	0.11
Chalk Creek									
Early	116	10	21	17	71	4.2	13	76.5	0.18
Late	117	9	22	22	117	5.3	7	31.8	0.06
Total		19	43	39	188	4.8	20	51.3	0.11
Colorado River									
A	118	12	11	4	13	3.3	3	75.0	0.23
B	119	9	12	9	21	2.3	4	44.4	0.19
C	120	6	10	8	25	3.1	2	25.0	0.08
Total		27	33	21	59	2.8	9	42.9	0.15

*Data does not include conservation permit or landowner permit information.

Rio Grande Wild Turkey harvest statistics by hunt, Utah 2005 (cont.).

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
East Canyon									
Early	121	10	22	18	73	4.1	9	50.0	0.12
Late	122	8	19	12	69	5.8	0	0.0	0.00
Total		18	41	30	142	4.7	9	30.0	0.06
Emery County West									
	123	2	5	5	38	7.6	5	100.0	0.13
Fillmore, Oak Creek									
A	124	9	17	17	55	3.2	11	64.7	0.20
B	125	12	16	13	37	2.8	9	69.2	0.24
C	126	10	18	18	187	10.4	9	50.0	0.05
Total		31	51	48	279	5.8	29	60.4	0.10
Fillmore, Pahvant									
A	127	16	30	28	83	3.0	21	75.0	0.25
B	128	12	28	23	98	4.3	16	69.6	0.16
C	129	17	32	26	107	4.1	13	50.0	0.12
Total		45	90	77	288	3.7	50	64.9	0.17
Green River									
A	130	9	18	14	46	3.3	14	100.0	0.30
B	131	6	18	18	54	3.0	15	83.3	0.28
C	132	11	19	16	47	2.9	10	62.5	0.21
Total		26	55	48	147	3.1	39	81.3	0.27
Kaiparowits									
Early	133	2	9	9	32	3.6	0	0.0	0.00
Late	134	0	8	—	—	—	—	—	—
Total		2	17	9	32	3.6	0	0.0	0.00
Monroe Mountain									
Early	135	3	10	10	40	4.0	10	100.0	0.25
Late	136	2	8	8	32	4.0	8	100.0	0.25
Total		5	18	18	72	4.0	18	100.0	0.25
Morgan- South Rich									
Early	137	7	12	10	15	1.5	7	70.0	0.47
Late	138	6	11	2	6	3.0	0	0.0	0.00
Total		13	23	12	21	1.8	7	58.3	0.33

*Data does not include conservation permit or landowner permit information.

Rio Grande Wild Turkey harvest statistics by hunt, Utah 2005 (cont.).

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
Mount Dutton									
Early	139	4	8	6	14	2.3	2	33.3	0.14
Late	140	4	8	8	48	6.0	4	50.0	0.08
Total		8	16	14	62	4.4	6	42.9	0.10
NE Region, Private Lands									
A	141	12	28	23	86	3.7	23	100.0	0.27
B	142	16	28	23	77	3.3	16	69.6	0.21
C	143	15	24	22	77	3.5	11	50.0	0.14
D	144	17	26	24	121	5.0	11	45.8	0.09
Total		60	106	92	361	3.9	61	66.3	0.17
NE Region, Public Lands									
A	145	6	10	10	28	2.8	5	50.0	0.18
B	146	5	10	8	28	3.5	4	50.0	0.14
C	147	7	10	10	61	6.1	4	40.0	0.07
Total		18	30	28	117	4.2	13	46.4	0.11
Ogden, South									
Early	148	16	35	35	120	3.4	20	57.1	0.17
Late	149	25	47	41	308	7.5	17	41.5	0.06
Total		41	82	76	428	5.6	37	48.7	0.09
Paunsaugunt									
A	150	8	16	14	48	3.4	8	57.1	0.17
B	151	12	19	13	44	3.4	3	23.1	0.07
C	152	10	21	13	50	3.8	8	61.5	0.16
Total		30	56	40	142	3.6	19	47.5	0.13
Panguitch Lake									
Early	153	1	10	10	10	1.0	10	100.0	1.00
Late	154	3	8	5	19	3.8	5	100.0	0.26
Total		4	18	15	29	1.9	15	100.0	0.52

*Data does not include conservation permit or landowner permit information.

Rio Grande Wild Turkey harvest statistics by hunt, Utah 2005 (cont.).

Hunt name	Hunt number	n	Permits sold	Hunters afield	Total hunter-days afield	Mean hunter-days afield	Turkeys bagged	% success	Turkeys bagged / hunter-day
Pine Valley									
A	155	13	41	25	76	3.0	22	88.0	0.29
B	156	20	39	35	181	5.2	23	65.7	0.13
C	157	20	46	44	198	4.5	18	40.9	0.09
Total		53	126	104	455	4.4	63	60.6	0.14
Plateau, Fishlake									
Early	158	2	6	6	18	3.0	3	50.0	0.17
Late	159	3	6	4	38	9.5	2	50.0	0.05
Total		5	12	10	56	5.6	5	50.0	0.09
Plateau, Thousand Lakes									
	160	4	6	6	26	4.3	2	33.3	0.08
Southwest Desert									
	161	2	5	3	13	4.3	0	0.0	0.00
Utah County North									
A	162	23	49	43	151	3.5	23	53.5	0.15
B	163	27	52	40	166	4.2	21	52.5	0.13
C	164	22	51	46	334	7.3	30	65.2	0.09
Total		72	152	129	651	5.0	74	57.4	0.11
Wasatch County									
Early	165	7	16	14	62	4.4	7	50.0	0.11
Late	166	5	17	17	37	2.2	10	58.8	0.27
Total		12	33	31	99	3.2	17	54.8	0.17
Statewide Total		679	1435	1215	5428	4.5	745	61.3	0.14

*Data does not include conservation permit or landowner permit information.

Average number of Rio Grande Wild Turkeys observed while hunting, Utah 2004.

Hunt name	Hunt number	n	Mean number of Turkeys observed / hunter				Total
			Gobblers	Hens	Jakes	Unidentified	
Beaver							
A	101	8	8.1	13.6	3.4	2.1	27.3
B	102	12	6.8	15.3	8.3	1.8	32.3
C	103	9	2.8	4.7	1.9	0.0	9.3
Average		29	5.9	11.6	4.9	1.3	23.8
Book Cliffs, South							
	104	3	1.3	6.3	2.3	0.0	10.0
Cache, West							
Early	105	6	21.8	16.2	5.2	0.2	43.3
Late	106	8	5.0	6.9	13.1	1.8	26.8
Average		14	12.2	10.9	9.7	1.1	33.9
Cache, East							
Early	107	5	5.2	11.6	2.6	0.0	19.4
Late	108	6	5.2	11.8	4.5	6.3	27.8
Average		11	5.2	11.7	3.6	3.5	24.0
Caineville							
	109	1	0.0	30.0	15.0	0.0	45.0
Central Region West							
	110	5	3.8	10.6	6.4	3.0	23.8
Chalk Creek							
Early	111	9	11.3	16.0	5.9	9.1	42.3
Late	112	5	6.0	15.6	4.4	0.0	26.0
Average		14	9.4	15.9	5.4	5.9	36.5
Colorado River							
A	113	3	5.0	30.0	10.0	0.0	45.0
B	114	2	2.0	2.5	0.5	0.0	5.0
C	115	3	5.7	10.0	2.7	1.7	20.0
Average		8	4.5	15.6	4.9	0.6	25.6
Duchesne County							
Early	116	9	1.4	4.9	0.6	1.0	7.9
Late	117	7	2.3	4.6	1.6	2.1	10.6
Average		16	1.8	4.8	1.0	1.5	9.1
East Canyon							
Early	118	2	3.5	12.5	1.5	2.0	19.5
Late	119	5	19.8	25.2	4.4	1.0	50.4
Average		7	15.1	21.6	3.6	1.3	41.6
Emery County West							
	120	3	7.0	17.3	5.0	0.0	29.3
Fillmore, Oak Creek							
A	121	11	8.3	21.0	7.7	1.7	38.7
B	122	7	3.0	10.3	4.4	9.4	27.1
C	123	9	9.4	7.7	4.9	1.1	23.1
Average		27	7.3	13.8	5.9	3.5	30.5
Fillmore, Pahvant							
A	124	7	3.7	11.7	2.4	0.0	17.9
B	125	11	5.0	16.7	9.3	5.6	36.6
C	126	14	4.3	11.6	2.8	1.4	20.0
Average		32	4.4	13.4	4.9	2.5	25.3

*Data does not include conservation permit information.

Average number of Rio Grande Wild Turkeys observed while hunting, Utah 2004 (cont.).

Hunt name	Hunt number	n	Mean number of Turkeys observed / hunter				
			Gobblers	Hens	Jakes	Unidentified	Total
Green River							
A	127	5	30.4	33.2	28.6	6.0	98.2
B	128	3	6.0	23.3	7.7	0.0	37.0
C	129	3	5.7	3.7	20.0	0.0	29.3
Average		11	17.0	22.5	20.5	2.7	62.7
Juab							
A	130	4	4.3	12.8	5.5	7.0	29.5
B	131	5	5.6	12.0	5.4	0.4	23.4
C	132	4	3.8	6.8	3.3	0.0	13.8
Average		13	4.6	10.6	4.8	2.3	22.3
Kaiparowits	133	2	1.5	2.5	1.0	0.0	5.0
Monroe Mountain							
Early	134	3	2.7	7.3	3.0	1.3	14.3
Late	135	3	3.7	5.0	4.3	0.7	13.7
Average		6	3.2	6.2	3.7	1.0	14.0
Morgan- South Rich							
Early	136	5	13.2	18.2	6.6	0.0	38.0
Late	137	3	7.0	24.7	5.7	3.3	40.7
Average		8	10.9	20.6	6.3	1.3	39.0
Mount Dutton	138	5	8.4	17.0	11.4	2.6	39.4
Ogden, Cache	139	3	1.3	1.3	0.7	0.0	3.3
Ogden, South							
Early	140	9	8.7	24.7	9.1	0.6	43.0
Late	141	9	2.1	7.3	1.7	0.7	11.8
Average		18	5.4	16.0	5.4	0.6	27.4
Ogden Middle Fork WMA	142	—	—	—	—	—	—
Oquirrh Mountains							
Early	143	7	6.0	10.1	4.4	2.9	23.4
Late	144	5	12.0	15.0	1.6	0.0	28.6
Average		12	8.5	12.2	3.3	1.7	25.6
Paunsaugunt							
Early	145	3	5.0	8.0	5.7	0.0	18.7
Late	146	10	1.6	5.1	2.5	1.4	10.6
Average		13	2.4	5.8	3.2	1.1	12.5
Panguitch Lake	147	5	3.8	22.0	5.2	2.2	33.2
Pine Valley							
A	148	23	9.6	22.7	7.8	1.7	41.8
B	149	17	4.9	14.9	2.9	3.4	26.1
C	150	15	4.3	7.3	5.2	8.1	25.0
Average		55	6.7	16.1	5.6	3.9	32.4
Southwest Desert	151	4	1.5	1.5	1.5	0.0	4.5
Stansbury Mountains							
Early	152	6	5.0	14.0	2.0	0.7	21.7
Late	153	7	10.0	9.9	4.6	0.3	24.7
Average		13	7.7	11.8	3.4	0.5	23.3

*Data does not include conservation permit information.

Average number of Rio Grande Wild Turkeys observed while hunting, Utah 2004 (cont.).

Hunt name	Hunt number	n	Mean number of Turkeys observed / hunter				
			Gobblers	Hens	Jakes	Unidentified	Total
Uintah County							
Early	154	18	6.7	10.6	2.8	0.6	20.7
Late	155	22	6.2	10.5	3.4	2.7	22.8
Average		40	6.4	10.6	3.1	1.8	21.9
Utah County North							
A	156	13	7.7	18.9	6.5	2.3	35.4
B	157	10	3.4	10.5	5.3	0.0	19.2
C	158	13	2.1	14.6	4.0	3.2	23.8
Average		36	4.5	15.0	5.3	2.0	26.7
Utah County South							
A	159	4	7.8	10.5	12.0	1.5	31.8
B	160	6	4.8	9.8	6.2	0.0	20.8
C	161	5	1.0	2.4	6.8	4.8	15.0
Average		15	4.3	7.5	7.9	2.0	21.8
Wasatch County							
Early	162	4	3.3	7.0	3.0	3.3	16.5
Late	163	3	4.0	4.7	0.3	0.0	9.0
Average		7	3.6	6.0	1.9	1.9	13.3
Statewide average		436	6.2	12.9	5.3	2.2	26.5

*Data does not include conservation permit information.

Average number of Rio Grande Wild Turkeys observed while hunting, Utah 2005.

Hunt name	Hunt number	n	Mean number of Turkeys observed / hunter				Total
			Gobblers	Hens	Jakes	Unidentified	
Beaver							
A	101	10	5.0	15.2	8.1	1.2	29.5
B	102	11	4.1	6.2	4.6	0.0	14.9
C	103	16	3.8	6.3	2.5	2.4	15.0
Average		37	4.2	8.7	4.6	1.4	18.9
Beaver West	104	4	3.8	9.3	1.8	0.3	15.2
Book Cliffs, South	105	—	—	—	—	—	—
Cache							
Early	106	18	7.8	17.7	3.1	1.9	30.5
Late	107	15	10.6	15.0	6.3	5.1	37.0
Average		33	9.1	16.5	4.6	3.4	33.5
Caineville	108	3	3.5	13.0	0.0	0.0	16.5
Carbon County West	109	—	—	—	—	—	—
Central Mtns., West Manti	110	8	4.6	13.8	3.4	1.5	23.3
Central Mtns., Nebo							
A	111	8	10.9	14.5	3.9	1.5	30.8
B	112	12	5.4	9.4	2.7	0.3	17.8
C	113	14	3.7	11.6	2.1	1.5	18.9
Average		34	6.0	11.5	2.7	1.1	21.3
Central Region West							
Early	114	17	6.4	17.6	4.6	0.7	29.3
Late	115	22	9.8	11.9	3.5	1.5	26.7
Average		39	8.3	14.4	4.0	1.2	27.8
Chalk Creek							
Early	116	8	19.0	15.4	7.4	0.0	41.8
Late	117	9	8.6	14.7	5.0	0.8	29.1
Average		17	13.5	15.0	6.1	0.4	35.1
Colorado River							
A	118	4	3.0	7.5	5.0	0.8	16.3
B	119	7	1.9	1.6	1.6	0.0	5.1
C	120	5	9.8	14.6	0.5	0.0	24.9
Average		16	4.6	7.1	2.1	0.2	14.1
East Canyon							
Early	121	8	9.9	14.0	10.4	10.0	44.3
Late	122	5	9.0	16.0	5.6	0.0	30.6
Average		13	9.6	14.8	8.6	6.2	39.0
Emery County West	123	2	13.5	25.0	18.5	0.0	57.0
Fillmore, Oak Creek							
A	124	9	20.9	32.4	17.1	10.9	81.3
B	125	10	8.7	17.3	9.6	1.7	37.3
C	126	10	13.0	25.3	12.9	4.5	55.7
Average		29	14.0	24.7	13.1	5.5	57.3

*Data does not include conservation permit or landowner permit information.

Average number of Rio Grande Wild Turkeys observed while hunting, Utah 2005 (cont.).

Hunt name	Hunt number	n	Mean number of Turkeys observed / hunter				
			Gobblers	Hens	Jakes	Unidentified	Total
Fillmore, Pahvant							
A	127	15	4.9	13.6	3.4	1.9	23.8
B	128	10	7.6	8.1	3.2	5.8	24.7
C	129	14	3.4	6.6	2.2	1.2	13.4
Average		39	5.1	9.7	2.9	2.6	20.3
Green River							
A	130	7	15.1	11.1	4.1	8.6	38.9
B	131	6	5.4	10.5	1.6	1.4	18.9
C	132	9	17.0	21.6	9.6	3.4	51.6
Average		22	13.2	15.2	5.7	4.5	38.6
Kaiparowits							
Early	133	2	3.0	7.0	0.0	0.0	10.0
Late	134	—	—	—	—	—	—
Average		2	3.0	7.0	0.0	0.0	10.0
Monroe Mountain							
Early	135	3	4.7	6.3	1.7	0.0	12.7
Late	136	2	4.5	5.0	2.0	0.0	11.5
Average		5	4.6	5.8	1.8	0.0	12.2
Morgan- South Rich							
Early	137	6	4.6	7.0	0.3	0.0	11.9
Late	138	1	0.0	0.0	0.0	0.0	0.0
Average		7	3.9	6.0	0.3	0.0	10.2
Mount Dutton							
Early	139	3	1.3	3.3	0.7	2.0	7.3
Late	140	4	1.5	5.8	1.0	2.5	10.8
Average		7	1.4	4.7	0.9	2.3	9.3
NE Region, Private Lands							
A	141	10	7.4	13.6	8.4	1.1	30.5
B	142	13	11.5	19.9	7.3	0.5	39.2
C	143	14	3.1	6.9	3.0	1.7	14.7
D	144	16	7.1	9.3	10.1	2.0	28.5
Average		53	7.2	12.1	7.2	1.4	27.9
NE Region, Public Lands							
A	145	6	6.4	20.6	7.8	11.7	46.5
B	146	4	8.8	10.3	4.8	0.0	23.9
C	147	7	2.6	6.6	1.9	1.4	12.5
Average		17	5.4	12.4	4.7	4.7	27.2
Ogden, South							
Early	148	16	7.8	13.8	3.1	1.1	25.8
Late	149	22	5.1	9.9	4.0	1.2	20.2
Average		38	6.2	11.5	3.6	1.2	22.6
Paunsaugunt							
A	150	7	13.3	18.9	8.1	2.3	42.6
B	151	8	2.5	14.3	3.0	2.1	21.9
C	152	6	6.0	1.8	1.5	2.6	11.9
Average		21	7.1	12.3	4.3	2.3	25.9

*Data does not include conservation permit or landowner permit information.

Average number of Rio Grande Wild Turkeys observed while hunting, Utah 2005 (cont.).

Hunt name	Hunt number	n	Mean number of Turkeys observed / hunter				Total
			Gobblers	Hens	Jakes	Unidentified	
Panguitch Lake							
Early	153	1	1.0	0.0	0.0	0.0	1.0
Late	154	2	3.0	2.5	0.0	0.0	5.5
Average		3	2.3	1.7	0.0	0.0	4.0
Pine Valley							
A	155	8	6.4	13.9	7.1	5.3	32.7
B	156	18	9.6	18.2	7.9	2.1	37.8
C	157	19	6.0	12.8	4.5	2.1	25.4
Average		45	7.5	15.2	6.3	2.7	31.7
Plateau, Fishlake							
Early	158	2	3.0	2.0	1.0	0.0	6.0
Late	159	2	3.0	2.5	0.0	0.0	5.5
Average		4	3.0	2.3	0.5	0.0	5.8
Plateau, Thousand Lakes							
	160	4	1.5	5.8	1.3	0.5	9.1
Southwest Desert							
	161	1	0.0	0.0	0.0	0.0	0.0
Utah County North							
A	162	20	7.4	17.7	6.7	3.6	35.4
B	163	21	6.1	14.2	6.1	4.5	30.9
C	164	20	7.4	20.1	6.1	3.5	37.1
Average		61	7.0	17.3	6.3	3.9	34.4
Wasatch County							
Early	165	6	6.2	7.0	4.8	0.0	18.0
Late	166	5	2.6	4.2	3.6	1.4	11.8
Average		11	4.6	5.7	4.3	0.6	15.2
Statewide average							
		575	7.2	13.1	5.1	2.3	27.8

*Data does not include conservation permit or landowner permit information.

Statewide Rio Grande Wild Turkey harvest statistics, Utah 1991–2005.

Year	Total hunters	Total harvest	Hunter-days afield	% success	Turkeys / hunter-day	% of hunters observing Turkeys	Total permits
1991	18	11	71	61	0.15	—	20
1992	20	15	64	75	0.23	—	21
1993	41	26	200	63	0.13	—	42
1994	105	79	464	75	0.17	—	105
1995	123	78	628	63	0.12	—	135
1996	166	107	776	64	0.14	88	174
1997	229	127	920	55	0.14	82	240
1998	254	161	919	63	0.18	57	263
1999	413	189	1,373	70	0.21	90	398
2000	615	488	2,052	79	0.24	62	631
2001	769	529	2,791	69	0.19	91	812
2002	876	482	4,131	55	0.12	—	952
2003	810	501	3,720	62	0.13	—	868
2004	820	518	3,559	63	0.15	96	879
2005	1,215	745	5,428	61	0.14	92	1,435
Total (1991–2005)	6,474	4,056	27,096	—	—	—	6,975
Average (1991–2004)	376	237	1,548	66	0.16	81	396
% change from previous year	48	44	53	-3	-7	-4	63
% change from average	223	215	251	-7	-15	14	263

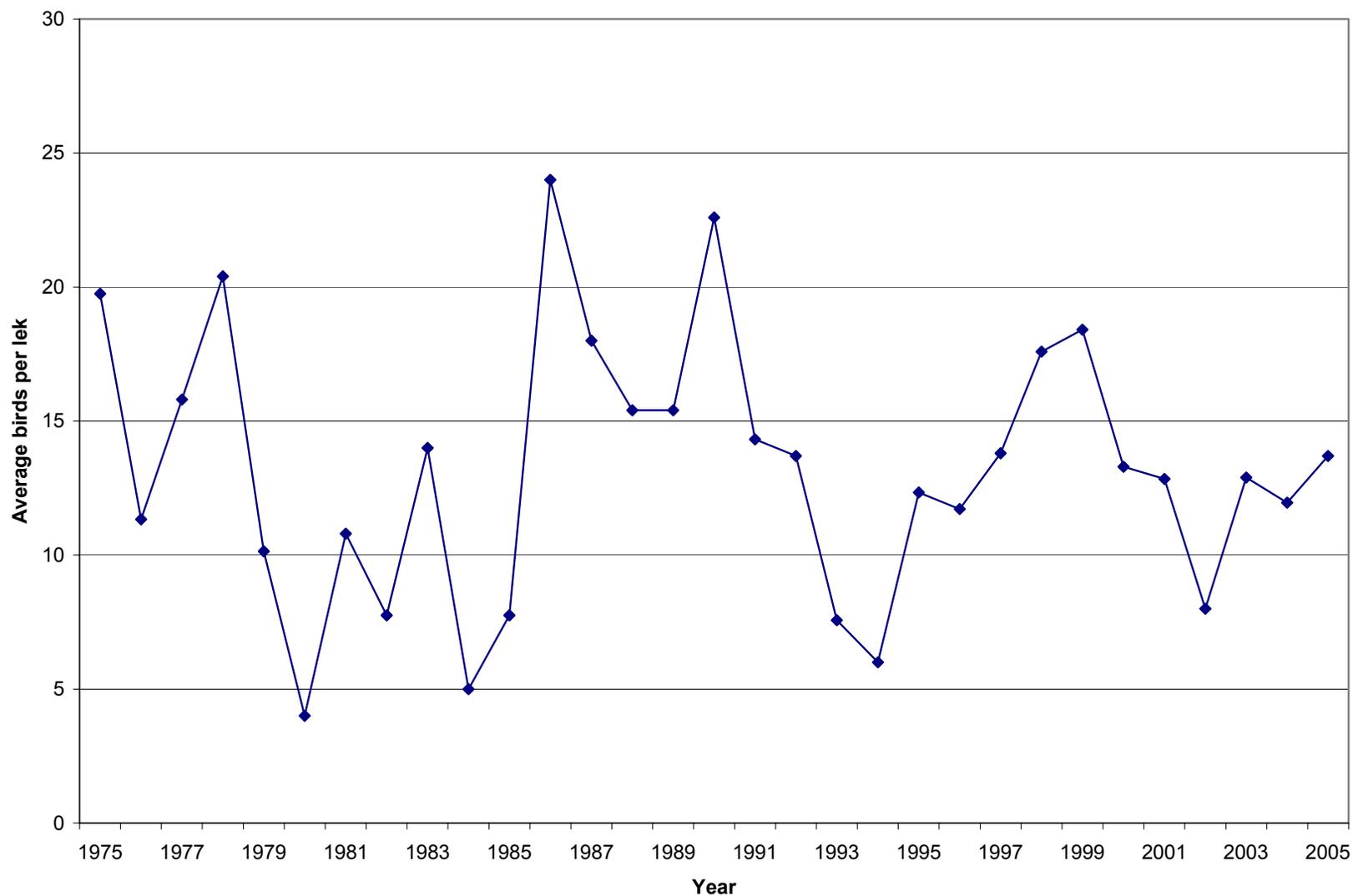
*2002–2004 data does not include conservation permit information.

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

SHARP-TAILED GROUSE



Statewide trends of average Columbian Sharp-tailed Grouse per lek, Utah 1975–2005.



*Only leks where birds were counted were used to calculate the average number of birds/lek.

Lek counts of Columbian Sharp-tailed Grouse by county, Utah 1996–2005.

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Average (1996–2004)
Box Elder											
Number of strutting grounds counted	5	5	21	32	36	35	38	51	56	49	31.0
Total Grouse counted	39	42	360	550	316	229	170	469	448	484	291.4
Average Grouse / lek	7.8	10.5	17.1	19.6	13.2	12.7	7.1	12.3	10.9	13.4	12.9
Cache											
Number of strutting grounds counted	11	2	3	5	8	5	6	18	23	21	9.0
Total Grouse counted	43	27	27	39	43	15	38	137	251	195	68.9
Average Grouse / lek	21.5	27.0	27.0	9.8	14.3	15.0	19.0	15.2	15.7	15.0	15.9
Morgan											
Number of strutting grounds counted	1	—	—	—	—	—	—	—	3	2	2.0
Total Grouse counted	—	—	—	—	—	—	—	—	18	6	18.0
Average Grouse / lek	—	—	—	—	—	—	—	—	6.0	6.0	6.0
Statewide total											
Number of strutting grounds counted	17	7	24	37	44	40	44	69	82	72	40.4
Total Grouse counted	82	69	387	589	359	244	208	606	717	685	362.3
Average Grouse / lek	11.7	13.8	17.6	18.4	13.3	12.8	8.0	12.9	12.0	13.7	13.3

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Statewide trends of Columbian Sharp-tailed Grouse dancing ground counts, Utah 1975–2005.

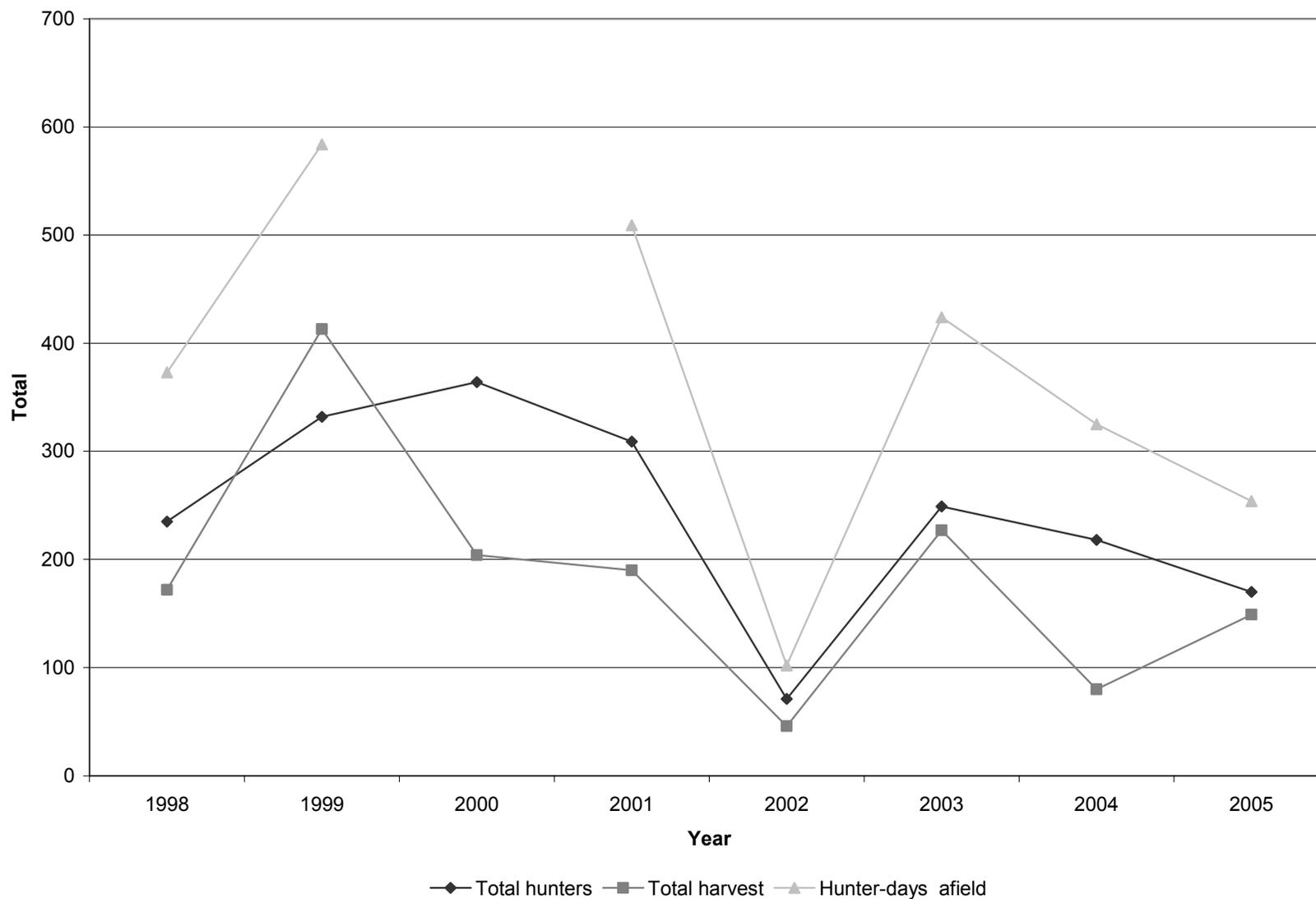
Year	Number of grounds counted	Total birds counted	Average grouse / ground
1975	4	79	19.8
1976	4	34	11.3
1977	7	79	15.8
1978	6	102	20.4
1979	7	71	10.1
1980	7	24	4.0
1981	5	54	10.8
1982	5	31	7.8
1983	2	28	14.0
1984	2	5	5.0
1985	4	31	7.8
1986	4	72	24.0
1987	5	90	18.0
1988	5	77	15.4
1989	6	77	15.4
1990	6	113	22.6
1991	17	229	14.3
1992	13	178	13.7
1993	8	53	7.6
1994	10	60	6.0
1995	7	37	12.3
1996	17	82	11.7
1997	7	69	13.8
1998	24	387	17.6
1999	37	589	18.4
2000	44	359	13.3
2001	40	244	12.8
2002	44	208	8.0
2003	69	606	12.9
2004	82	717	12.0
2005	72	685	13.7
Total (1975–2005)	570	5470	—
Average (1975–2004)	16.6	159.5	13.2

*Only leks where birds were counted were used to calculate the average number of birds/lek.

Sex and age composition of harvested Sharp-tailed Grouse, Utah 2001–2005.

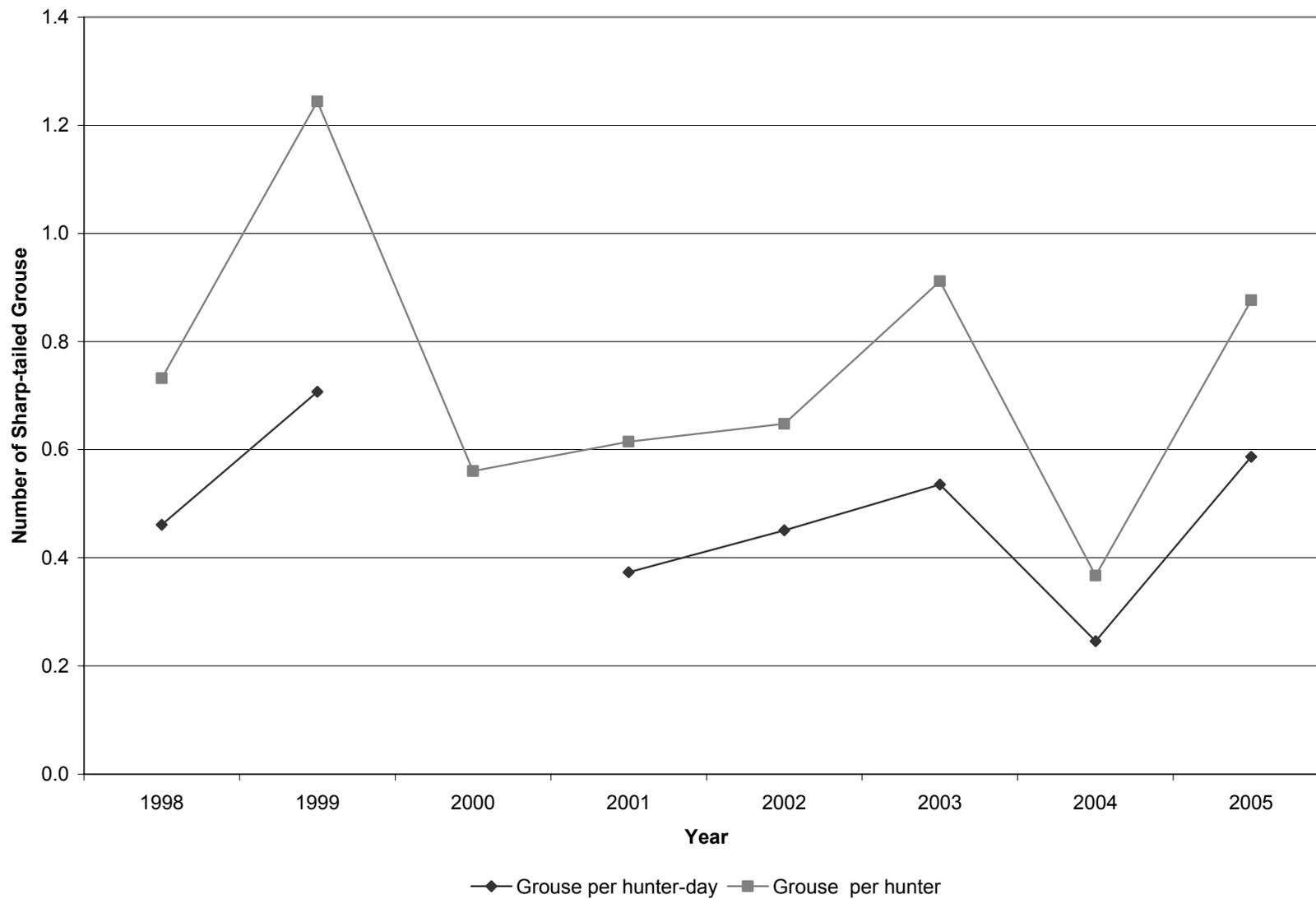
Hunt area	Number of Grouse harvested					Average (2001–2004)
	2001	2002	2003	2004	2005	
Northern Region						
Box Elder County						
Blue Creek	13	8	13	11	—	11
Golden Spike	4	0	2	3	—	2
Hansel Valley	13	7	25	7	—	13
Howell Valley	26	15	15	8	—	16
Middle Canyon	2	0	7	0	—	2
North Hansel	6	0	6	0	—	3
West Hills	8	3	0	0	—	3
White's Valley	19	4	17	1	—	10
Unknown	5	0	24	6	—	9
Sex composition						
% Males	33	8	64	44	—	37
% Females	34	3	17	17	—	18
% Unknown	32	89	18	39	—	45
Age composition						
% Adults	53	49	35	47	—	46
% Juveniles	44	46	63	53	—	52
% Unknown	1	5	2	0	—	2
Total wings collected	96	37	109	36	—	70

Statewide trends of Sharp-tailed Grouse harvest statistics, Utah 1998–2005.



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

Statewide trends of Sharp-tailed Grouse hunter success, Utah 1998–2005.



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

Sharp-tailed Grouse harvest statistics by hunt area, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Grouse bagged	Grouse / hunter-day	% pressure	% harvest
Northern Region							
Box Elder County							
Blue Creek	13	30	39	12	0.31	12.0	15.0
Blue Springs	—	—	—	—	—	—	—
Golden Spike	6	14	19	5	0.26	5.8	6.3
Hansel Valley	20	46	63	21	0.33	19.4	26.3
Howell Valley	27	63	100	30	0.30	30.8	37.5
Middle Canyon	1	2	2	0	0.00	0.6	0.0
North Hansel	5	12	23	0	0.00	7.1	0.0
West Hills	0	0	0	0	0.00	0.0	0.0
White's Valley	8	19	21	5	0.24	6.5	6.3
Unknown	21	49	58	7	0.12	17.8	8.8
Total*	94	218	325	80	0.25	100.0	100.0

*Totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple areas.

Projection factor = 2.32

350 permits sold

151 (43%) permit holders surveyed

Sharp-tailed Grouse harvest statistics by hunt area, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Grouse bagged	Grouse / hunter-day	% pressure	% harvest
Northern Region							
Box Elder County							
Blue Creek	10	22	31	26	0.84	12.2	17.4
Blue Springs	1	2	4	0	0.00	1.6	0.0
Golden Spike	7	15	15	15	1.00	5.9	10.1
Hansel Valley	18	40	64	42	0.66	25.2	28.2
Howell Valley	17	37	64	20	0.31	25.2	13.4
Middle Canyon	1	2	2	0	0.00	0.8	0.0
North Hansel	4	9	15	9	0.60	5.9	6.0
West Hills	2	4	4	4	1.00	1.6	2.7
White's Valley	9	20	22	15	0.68	8.7	10.1
Unknown	11	24	33	18	0.55	13.0	12.1
Total*	77	170	254	149	0.59	100.0	100.0

*Totals for sample size and hunters afield are not the total of the columns because hunters hunted multiple areas.

Projection factor = 2.20

339 permits sold

154 (45%) permit holders surveyed

Statewide Sharp-tailed Grouse harvest statistics, Utah 1998–2005.

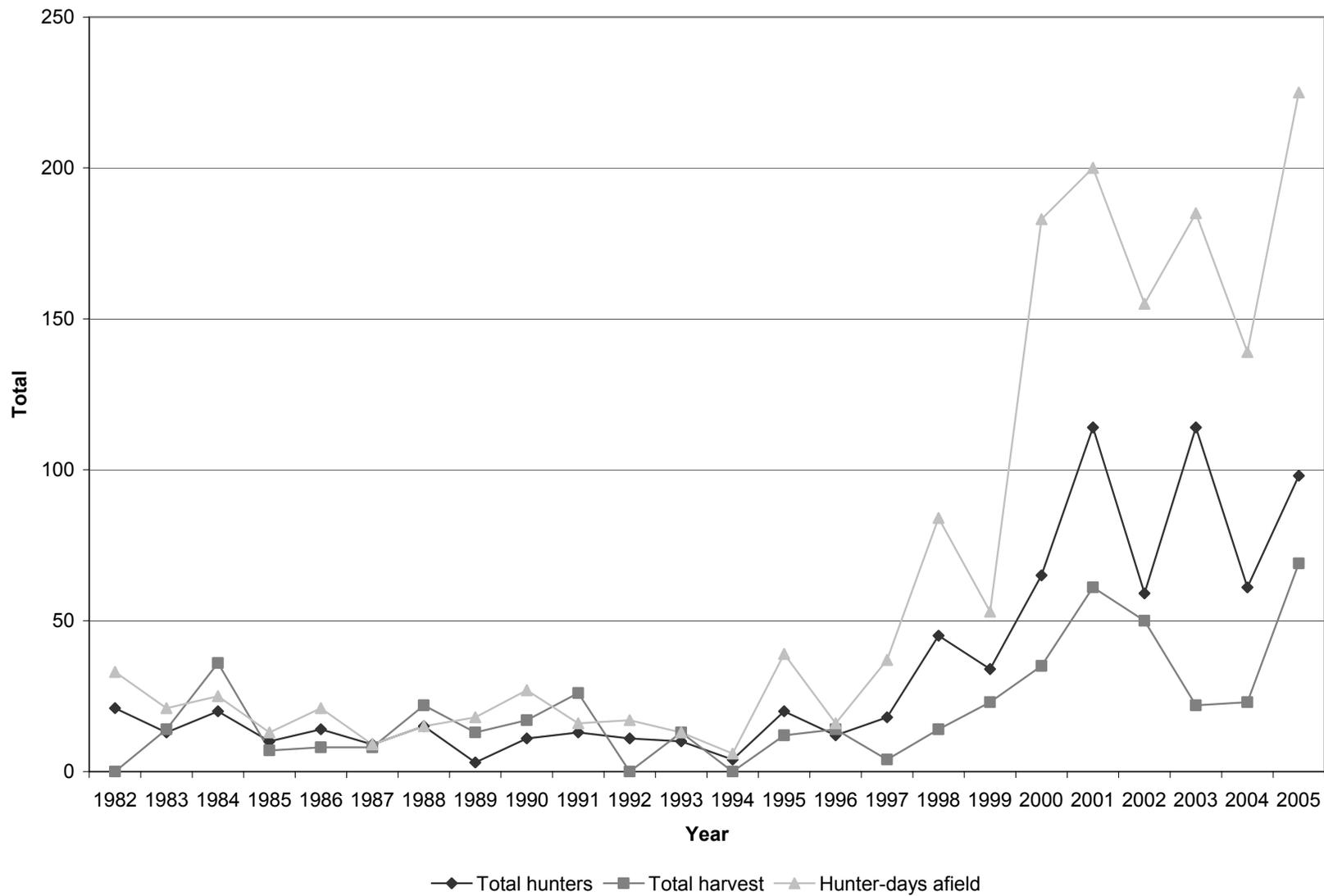
Year	Permits sold	Total hunters	Total harvest	Hunter-days afield	Grouse / hunter	Grouse / hunter-day
1998	378	235	172	373	0.73	0.46
1999	381	332	413	584	1.24	0.71
2000	663	364	204	—	0.56	—
2001	673	309	190	509	0.61	0.37
2002	143	71	46	102	0.65	0.45
2003	427	249	227	424	0.91	0.54
2004	350	218	80	325	0.37	0.25
2005	339	170	149	254	0.88	0.59
Total (1998–2005)	3,354	1,948	1,481	2,571	—	—
Average (1998–2004)	431	254	190	386	0.75	0.49
% change from previous year	-3	-22	86	-22	139	138
% change from average	-21	-33	-22	-34	17	19

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

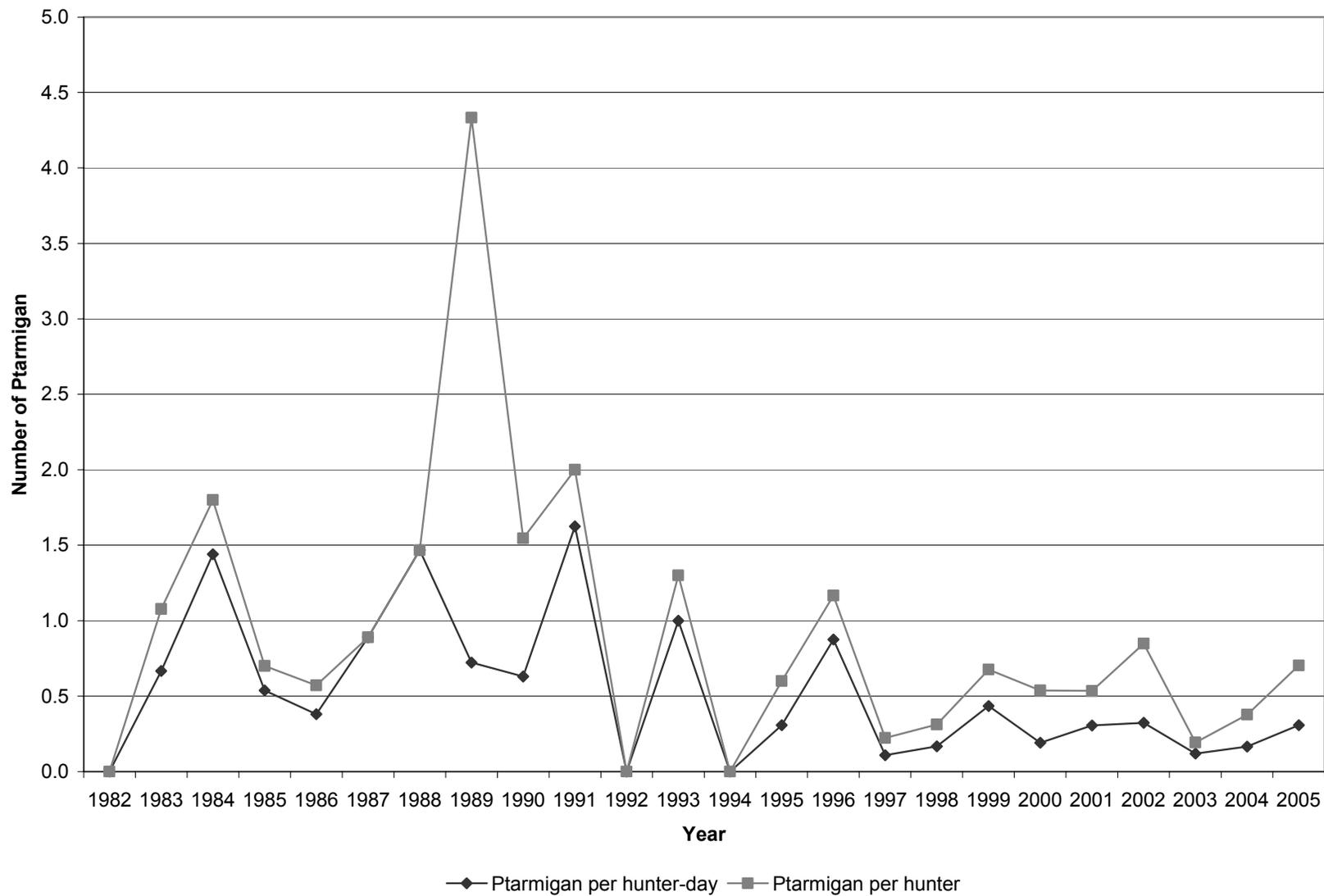
WHITE-TAILED PTARMIGAN



Statewide trends of White-tailed Ptarmigan harvest statistics, Utah 1982–2005.



Statewide trends of White-tailed Ptarmigan hunter success, Utah 1982–2005.



White-tailed Ptarmigan harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Ptarmigan bagged	Ptarmigan / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	—	—	—	—	—	—	—
Cache	—	—	—	—	—	—	—
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	—	—	—	—	—	—	—
Summit	12	28	66	2	0.03	47.5	8.7
Weber	—	—	—	—	—	—	—
Regional total	12	28	66	2	0.03	47.5	8.7
Central Region							
Juab	—	—	—	—	—	—	—
Salt Lake	1	2	12	7	0.58	8.6	30.4
Sanpete	—	—	—	—	—	—	—
Tooele	—	—	—	—	—	—	—
Utah	1	2	7	5	0.71	5.0	21.7
Wasatch	—	—	—	—	—	—	—
Regional total	2	4	19	12	0.63	13.7	52.2
Southern Region							
Beaver	—	—	—	—	—	—	—
Garfield	—	—	—	—	—	—	—
Iron	—	—	—	—	—	—	—
Kane	—	—	—	—	—	—	—
Millard	—	—	—	—	—	—	—
Piute	—	—	—	—	—	—	—
Sevier	1	2	2	0	0.00	1.4	0.0
Washington	—	—	—	—	—	—	—
Wayne	—	—	—	—	—	—	—
Regional total	1	2	2	0	0.00	1.4	0.0
Northeastern Region							
Daggett	2	5	7	0	0.00	5.0	0.0
Duchesne	0	0	0	0	0.00	0.0	0.0
Uintah	8	19	38	9	0.24	27.3	39.1
Regional total	10	24	45	9	0.20	32.4	39.1
Southeastern Region							
Carbon	—	—	—	—	—	—	—
Emery	—	—	—	—	—	—	—
Grand	—	—	—	—	—	—	—
San Juan	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Unknown	2	5	7	0	0.00	5.0	0.0
Statewide total**	26	61	139	23	0.17	100.0	100.0

*White-tailed Ptarmigan are only found in high elevation areas in Daggett, Duchesne, Summit, and Uintah counties; however, several surveyed hunters reported to have hunted Ptarmigan in other counties.

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

Projection factor = 2.35; 160 permits sold; 68 (43%) permit holders surveyed.

White-tailed Ptarmigan harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Ptarmigan bagged	Ptarmigan / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	3	8	13	29	2.23	5.8	42.0
Cache	—	—	—	—	—	—	—
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	1	3	5	0	0.00	2.2	0.0
Summit	10	26	61	24	0.39	27.1	34.8
Weber	—	—	—	—	—	—	—
Regional total	14	37	79	53	0.67	35.1	76.8
Central Region							
Juab	—	—	—	—	—	—	—
Salt Lake	—	—	—	—	—	—	—
Sanpete	—	—	—	—	—	—	—
Tooele	—	—	—	—	—	—	—
Utah	—	—	—	—	—	—	—
Wasatch	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Southern Region							
Beaver	—	—	—	—	—	—	—
Garfield	—	—	—	—	—	—	—
Iron	—	—	—	—	—	—	—
Kane	—	—	—	—	—	—	—
Millard	—	—	—	—	—	—	—
Piute	—	—	—	—	—	—	—
Sevier	—	—	—	—	—	—	—
Washington	—	—	—	—	—	—	—
Wayne	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Northeastern Region							
Daggett	5	13	32	0	0.00	14.2	0.0
Duchesne	3	8	16	0	0.00	7.1	0.0
Uintah	7	18	45	5	0.11	20.0	7.2
Regional total	15	39	93	5	0.05	41.3	7.2
Southeastern Region							
Carbon	—	—	—	—	—	—	—
Emery	—	—	—	—	—	—	—
Grand	—	—	—	—	—	—	—
San Juan	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Unknown	11	29	53	11	0.21	23.6	15.9
Statewide total**	37	98	225	69	0.31	100.0	100.0

*White-tailed Ptarmigan are only found in high elevation areas in Daggett, Duchesne, Summit, and Uintah counties; however, several surveyed hunters reported to have hunted Ptarmigan in other counties.

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

Projection factor = 2.64; 174 permits sold; 66 (38%) permit holders surveyed.

Statewide White-tailed Ptarmigan harvest statistics, Utah 1982–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Ptarmigan / hunter-day	Ptarmigan / hunter
1982	21	0	33	0.00	0.00
1983	13	14	21	0.67	1.08
1984	20	36	25	1.44	1.80
1985	10	7	13	0.54	0.70
1986	14	8	21	0.38	0.57
1987	9	8	9	0.89	0.89
1988	15	22	15	1.47	1.47
1989	3	13	18	0.72	4.33
1990	11	17	27	0.63	1.55
1991	13	26	16	1.63	2.00
1992	11	0	17	0.00	0.00
1993	10	13	13	1.00	1.30
1994	4	0	6	0.00	0.00
1995	20	12	39	0.31	0.60
1996	12	14	16	0.88	1.17
1997	18	4	37	0.11	0.22
1998	45	14	84	0.17	0.31
1999	34	23	53	0.43	0.68
2000	65	35	183	0.19	0.54
2001	114	61	200	0.31	0.54
2002	59	50	155	0.32	0.85
2003	114	22	185	0.12	0.19
2004	61	23	139	0.17	0.38
2005	98	69	225	0.31	0.70
Total (1982–2005)	794	491	1,550	—	—
Average (1982–2004)	30	18	58	0.32	0.61
% change from previous year	61	200	62	85	87
% change from average	224	276	291	-4	16

RABBITS AND HARES

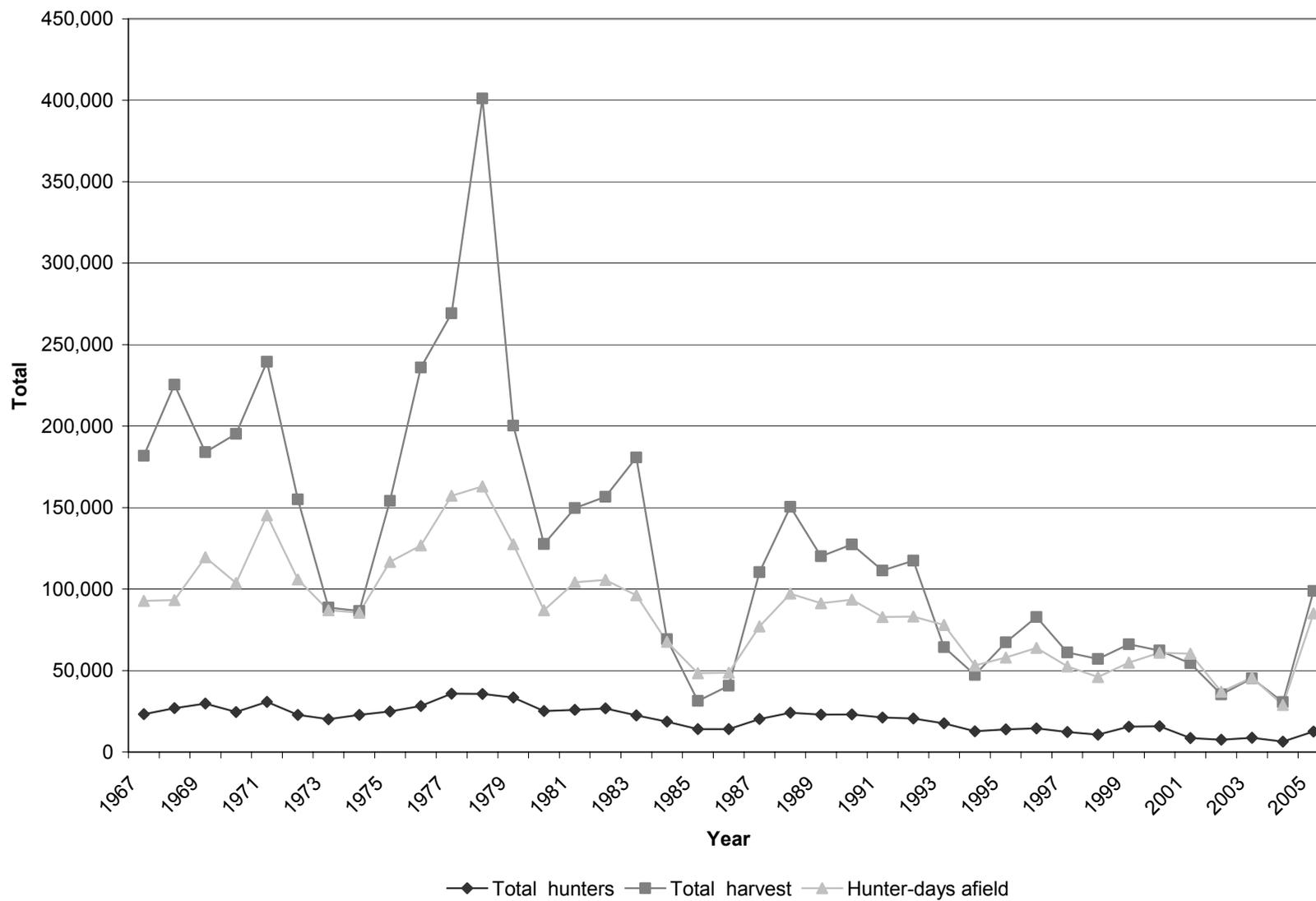
Cottontail Rabbit



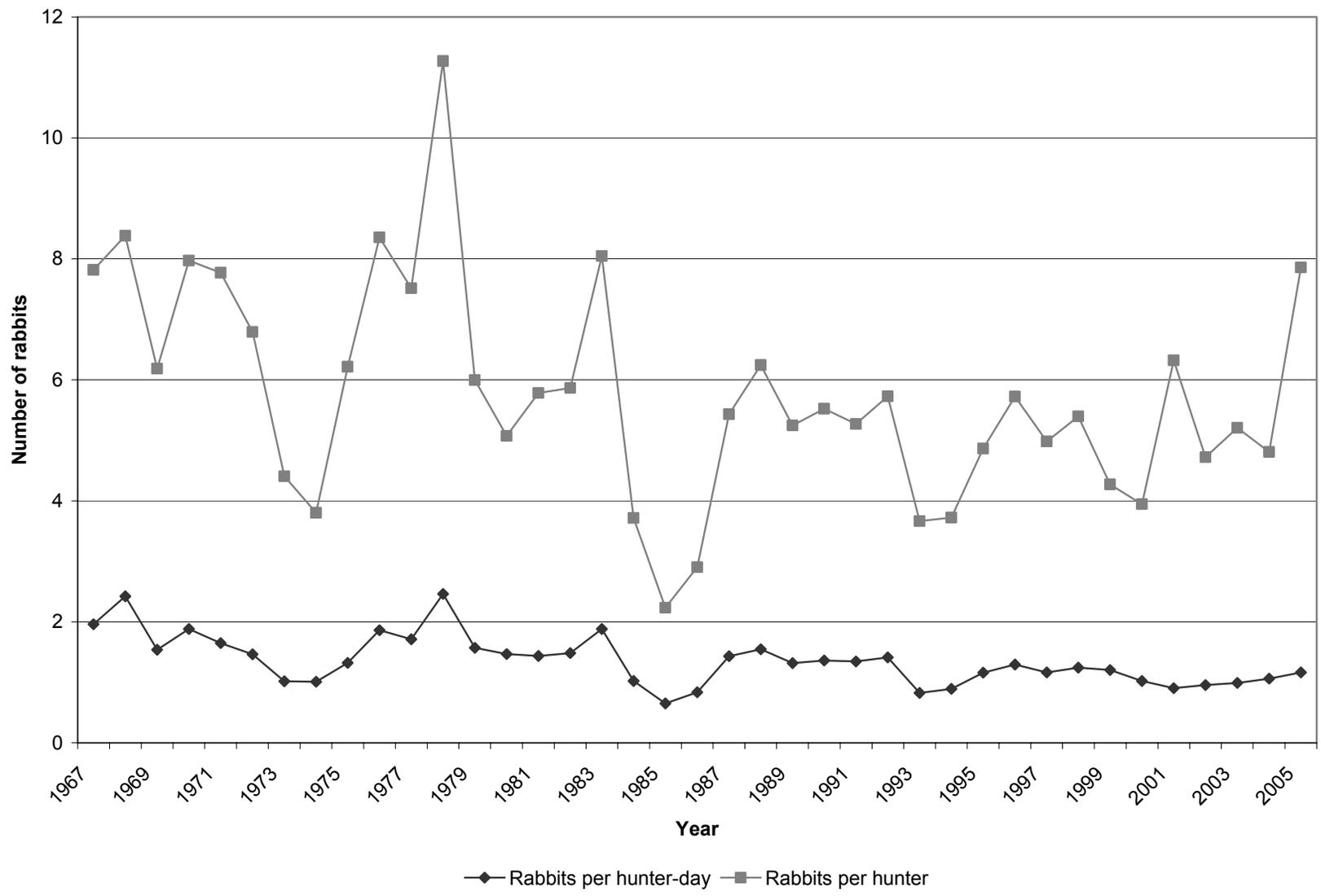
Snowshoe Hare



Statewide trends of cottontail rabbit harvest statistics, Utah 1967–2005.



Statewide trends of cottontail rabbit hunter success, Utah 1967–2005.



Cottontail rabbit harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Rabbits bagged	Rabbits / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	24	741	2,006	1,728	0.86	7.0	5.6
Cache	4	123	154	62	0.40	0.5	0.2
Davis	1	31	31	0	0.00	0.1	0.0
Morgan	2	62	123	309	2.51	0.4	1.0
Rich	5	154	309	216	0.70	1.1	0.7
Summit	5	154	1,698	926	0.55	5.9	3.0
Weber	1	31	154	62	0.40	0.5	0.2
Regional total	42	1,296	4,475	3,303	0.74	15.5	10.8
Central Region							
Juab	12	370	1,420	1,111	0.78	4.9	3.6
Salt Lake	1	31	31	0	0.00	0.1	0.0
Sanpete	5	154	370	401	1.08	1.3	1.3
Tooele	18	556	1,481	1,975	1.33	5.1	6.5
Utah	28	864	2,593	1,265	0.49	9.0	4.1
Wasatch	4	123	525	247	0.47	1.8	0.8
Regional total	68	2,098	6,420	4,999	0.78	22.3	16.3
Southern Region							
Beaver	3	93	340	494	1.45	1.2	1.6
Garfield	—	—	—	—	—	—	—
Iron	3	93	833	741	0.89	2.9	2.4
Kane	1	31	31	31	1.00	0.1	0.1
Millard	7	216	494	772	1.56	1.7	2.5
Piute	—	—	—	—	—	—	—
Sevier	9	278	802	1,019	1.27	2.8	3.3
Washington	3	93	340	617	1.81	1.2	2.0
Wayne	4	123	123	123	1.00	0.4	0.4
Regional total	30	927	2,963	3,797	1.28	10.3	12.4
Northeastern Region							
Daggett	9	278	741	2,562	3.46	2.6	8.4
Duchesne	21	648	2,593	4,506	1.74	9.0	14.7
Uintah	23	710	3,642	5,062	1.39	12.6	16.6
Regional total	53	1,636	6,976	12,130	1.74	24.2	39.7
Southeastern Region							
Carbon	20	617	4,198	2,716	0.65	14.6	8.9
Emery	5	154	895	1,080	1.21	3.1	3.5
Grand	2	62	617	154	0.25	2.1	0.5
San Juan	5	154	895	648	0.72	3.1	2.1
Regional total	32	987	6,605	4,598	0.70	22.9	15.0
Unknown	19	586	1,389	1,759	1.27	4.8	5.8
Statewide total*	206	6,358	28,828	30,586	1.06	100.0	100.0

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

Cottontail rabbit harvest statistics by region and county, Utah 2005.

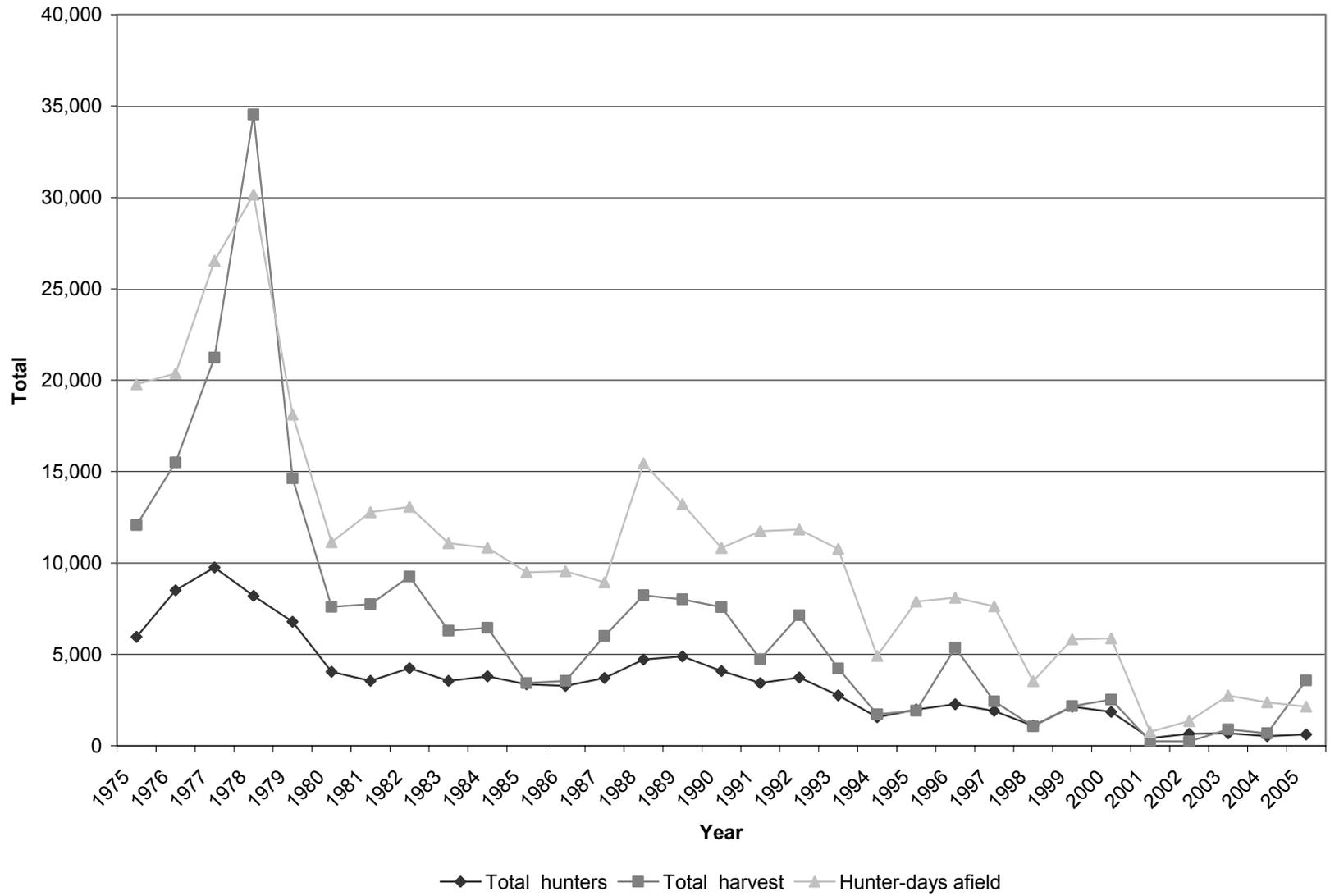
Region and county	n	Hunters afield	Hunter-days afield	Rabbits bagged	Rabbits / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	40	1,224	5,079	4,987	0.98	6.0	5.0
Cache	10	306	1,071	520	0.49	1.3	0.5
Davis	—	—	—	—	—	—	—
Morgan	2	61	245	520	2.12	0.3	0.5
Rich	1	31	92	184	2.00	0.1	0.2
Summit	8	245	796	1,377	1.73	0.9	1.4
Weber	—	—	—	—	—	—	—
Regional total	61	1,867	7,283	7,588	1.04	8.6	7.7
Central Region							
Juab	35	1,071	6,058	9,210	1.52	7.1	9.3
Salt Lake	—	—	—	—	—	—	—
Sanpete	36	1,101	9,271	8,139	0.88	10.9	8.2
Tooele	4	122	490	826	1.69	0.6	0.8
Utah	5	153	1,040	857	0.82	1.2	0.9
Wasatch	1	31	153	61	0.40	0.2	0.1
Regional total	81	2,478	17,012	19,093	1.12	20.0	19.3
Southern Region							
Beaver	13	398	1,989	2,845	1.43	2.3	2.9
Garfield	1	31	306	612	2.00	0.4	0.6
Iron	24	734	5,201	6,180	1.19	6.1	6.3
Kane	—	—	—	—	—	—	—
Millard	5	153	306	306	1.00	0.4	0.3
Piute	6	184	398	153	0.38	0.5	0.2
Sevier	15	459	1,744	2,417	1.39	2.1	2.4
Washington	24	734	4,589	3,855	0.84	5.4	3.9
Wayne	5	153	1,010	1,224	1.21	1.2	1.2
Regional total	93	2,846	15,543	17,592	1.13	18.3	17.8
Northeastern Region							
Daggett	1	31	918	612	0.67	1.1	0.6
Duchesne	39	1,193	8,659	12,392	1.43	10.2	12.5
Uintah	17	520	7,251	5,997	0.83	8.5	6.1
Regional total	57	1,744	16,828	19,001	1.13	19.8	19.2
Southeastern Region							
Carbon	34	1,040	7,924	8,842	1.12	9.3	8.9
Emery	39	1,193	8,475	8,292	0.98	10.0	8.4
Grand	28	857	4,345	7,098	1.63	5.1	7.2
San Juan	35	1,071	5,232	8,047	1.54	6.2	8.1
Regional total	136	4,161	25,976	32,279	1.24	30.5	32.7
Unknown	22	673	2,417	3,274	1.35	2.8	3.3
Statewide total*	411	12,575	85,059	98,827	1.16	100.0	100.0

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

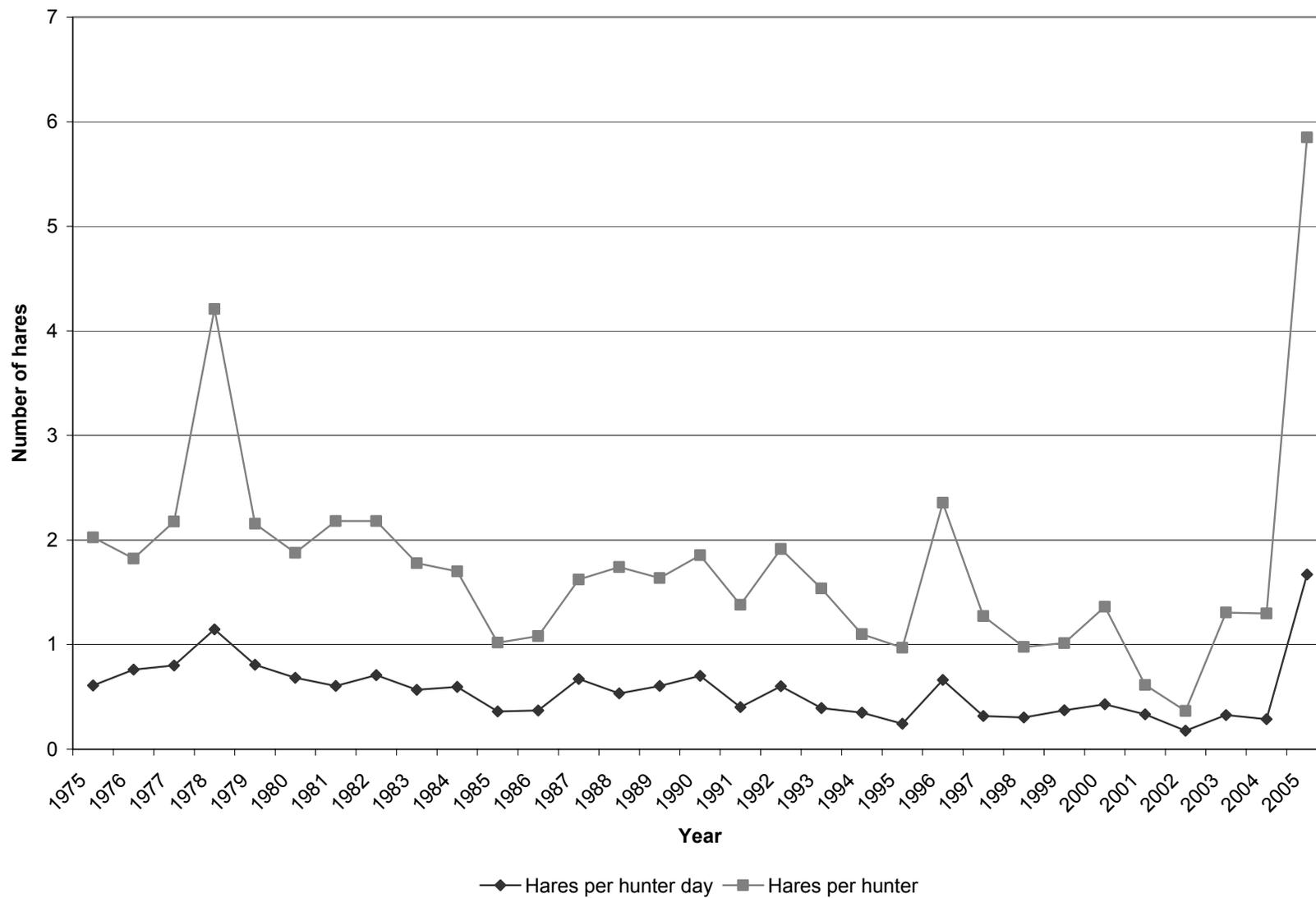
Statewide cottontail rabbit harvest statistics, Utah 1967–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Rabbits / hunter-day	Rabbits / hunter
1967	23,249	181,812	92,681	1.96	7.82
1968	26,889	225,450	93,126	2.42	8.38
1969	29,760	184,034	119,596	1.54	6.18
1970	24,486	195,248	103,725	1.88	7.97
1971	30,824	239,511	145,287	1.65	7.77
1972	22,835	155,102	105,941	1.46	6.79
1973	20,109	88,603	87,036	1.02	4.41
1974	22,737	86,506	85,499	1.01	3.80
1975	24,803	154,182	116,707	1.32	6.22
1976	28,239	235,952	126,737	1.86	8.36
1977	35,831	269,263	157,257	1.71	7.51
1978	35,590	401,071	163,019	2.46	11.27
1979	33,385	200,223	127,497	1.57	6.00
1980	25,156	127,652	87,051	1.47	5.07
1981	25,906	149,765	104,183	1.44	5.78
1982	26,714	156,696	105,644	1.48	5.87
1983	22,467	180,767	96,151	1.88	8.05
1984	18,616	69,186	67,643	1.02	3.72
1985	14,059	31,397	48,371	0.65	2.23
1986	13,992	40,636	48,694	0.83	2.90
1987	20,322	110,411	77,047	1.43	5.43
1988	24,076	150,386	97,190	1.55	6.25
1989	22,878	120,075	91,264	1.32	5.25
1990	23,070	127,389	93,515	1.36	5.52
1991	21,137	111,407	82,772	1.35	5.27
1992	20,509	117,454	83,154	1.41	5.73
1993	17,578	64,400	77,968	0.83	3.66
1994	12,709	47,322	53,175	0.89	3.72
1995	13,840	67,295	58,042	1.16	4.86
1996	14,470	82,803	63,943	1.29	5.72
1997	12,263	61,109	52,587	1.16	4.98
1998	10,585	57,137	45,947	1.24	5.40
1999	15,475	66,142	54,894	1.20	4.27
2000	15,797	62,330	60,895	1.02	3.95
2001	8,620	54,506	60,401	0.90	6.32
2002	7,483	35,320	36,994	0.95	4.72
2003	8,685	45,210	45,693	0.99	5.21
2004	6,358	30,586	28,828	1.06	4.81
2005	12,575	98,827	85,059	1.16	7.86
Total (1967–2005)	794,077	4,883,165	3,331,213	—	—
Average (1967–2004)	20,566	125,904	85,425	1.47	6.12
% change from previous year	98	223	195	10	63
% change from average	-39	-22	0	-21	28

Statewide trends of snowshoe hare harvest statistics, Utah 1975–2005.



Statewide trends of snowshoe hare hunter success, Utah 1975–2005.



Snowshoe hare harvest statistics by region and county, Utah 2004.

Region and county	n	Hunters afield	Hunter-days afield	Hares bagged	Hares / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	3	93	278	93	0.33	11.7	13.7
Cache	1	31	93	0	0.00	3.9	0.0
Davis	1	31	62	93	1.50	2.6	13.7
Morgan	—	—	—	—	—	—	—
Rich	1	31	31	0	0.00	1.3	0.0
Summit	4	123	1,481	309	0.21	62.3	45.4
Weber	—	—	—	—	—	—	—
Regional total	10	309	1,945	495	0.25	81.8	72.7
Central Region							
Juab	—	—	—	—	—	—	—
Salt Lake	—	—	—	—	—	—	—
Sanpete	—	—	—	—	—	—	—
Tooele	1	31	62	0	0.00	2.6	0.0
Utah	1	31	123	62	0.50	5.2	9.1
Wasatch	1	31	31	31	1.00	1.3	4.6
Regional total	3	93	216	93	0.43	9.1	13.7
Southern Region							
Beaver	—	—	—	—	—	—	—
Garfield	—	—	—	—	—	—	—
Iron	—	—	—	—	—	—	—
Kane	—	—	—	—	—	—	—
Millard	—	—	—	—	—	—	—
Piute	—	—	—	—	—	—	—
Sevier	—	—	—	—	—	—	—
Washington	—	—	—	—	—	—	—
Wayne	—	—	—	—	—	—	—
Regional total	—	—	—	—	—	—	—
Northeastern Region							
Daggett	1	31	31	0	0.00	1.3	0.0
Duchesne	—	—	—	—	—	—	—
Uintah	2	62	62	31	0.50	2.6	4.6
Regional total	3	93	93	31	0.33	3.9	4.6
Southeastern Region							
Carbon	2	62	123	62	0.50	5.2	9.1
Emery	—	—	—	—	—	—	—
Grand	—	—	—	—	—	—	—
San Juan	—	—	—	—	—	—	—
Regional total	2	62	123	62	0.50	5.2	9.1
Unknown	—	—	—	—	—	—	—
Statewide total*	17	525	2,377	681	0.29	100.0	100.0

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

Snowshoe hare harvest statistics by region and county, Utah 2005.

Region and county	n	Hunters afield	Hunter-days afield	Hares bagged	Hares / hunter-day	% pressure	% harvest
Northern Region							
Box Elder	2	61	61	0	0.00	2.8	0.0
Cache	3	92	122	31	0.25	5.7	0.9
Davis	—	—	—	—	—	—	—
Morgan	—	—	—	—	—	—	—
Rich	1	31	31	31	1.00	1.4	0.9
Summit	—	—	—	—	—	—	—
Weber	—	—	—	—	—	—	—
Regional total	6	184	214	62	0.29	10.0	1.7
Central Region							
Juab	—	—	—	—	—	—	—
Salt Lake	—	—	—	—	—	—	—
Sanpete	3	92	184	122	0.66	8.6	3.4
Tooele	—	—	—	—	—	—	—
Utah	1	31	61	0	0.00	2.8	0.0
Wasatch	1	31	61	0	0.00	2.8	0.0
Regional total	5	154	306	122	0.40	14.3	3.4
Southern Region							
Beaver	—	—	—	—	—	—	—
Garfield	1	31	153	0	0.00	7.1	0.0
Iron	—	—	—	—	—	—	—
Kane	—	—	—	—	—	—	—
Millard	1	31	31	153	4.94	1.4	4.3
Piute	—	—	—	—	—	—	—
Sevier	1	31	61	459	7.52	2.8	12.8
Washington	—	—	—	—	—	—	—
Wayne	1	31	61	122	2.00	2.8	3.4
Regional total	4	124	306	734	2.40	14.3	20.5
Northeastern Region							
Daggett	—	—	—	—	—	—	—
Duchesne	2	61	153	122	0.80	7.1	3.4
Uintah	—	—	—	—	—	—	—
Regional total	2	61	153	122	0.80	7.1	3.4
Southeastern Region							
Carbon	2	61	459	1071	2.33	21.4	29.9
Emery	1	31	367	918	2.50	17.1	25.6
Grand	1	31	306	245	0.80	14.3	6.8
San Juan	—	—	—	—	—	—	—
Regional total	4	123	1132	2234	1.97	52.8	62.4
Unknown	1	31	31	306	9.87	1.4	8.5
Statewide total*	20	612	2142	3580	1.67	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 1975–2005.

Year	Total hunters	Total harvest	Hunter-days afield	Hares / hunter-day	Hares / hunter
1975	5,961	12,072	19,770	0.61	2.03
1976	8,502	15,500	20,367	0.76	1.82
1977	9,752	21,232	26,535	0.80	2.18
1978	8,205	34,535	30,155	1.15	4.21
1979	6,787	14,641	18,115	0.81	2.16
1980	4,048	7,603	11,140	0.68	1.88
1981	3,554	7,750	12,782	0.61	2.18
1982	4,245	9,257	13,073	0.71	2.18
1983	3,544	6,302	11,088	0.57	1.78
1984	3,796	6,455	10,840	0.60	1.70
1985	3,365	3,429	9,494	0.36	1.02
1986	3,277	3,544	9,541	0.37	1.08
1987	3,702	6,005	8,947	0.67	1.62
1988	4,725	8,231	15,444	0.53	1.74
1989	4,895	8,006	13,233	0.61	1.64
1990	4,095	7,593	10,825	0.70	1.85
1991	3,427	4,731	11,742	0.40	1.38
1992	3,732	7,144	11,836	0.60	1.91
1993	2,755	4,237	10,774	0.39	1.54
1994	1,565	1,722	4,922	0.35	1.10
1995	1,983	1,924	7,891	0.24	0.97
1996	2,276	5,365	8,106	0.66	2.36
1997	1,912	2,431	7,628	0.32	1.27
1998	1,093	1,070	3,536	0.30	0.98
1999	2,139	2,173	5,831	0.37	1.02
2000	1,855	2,526	5,879	0.43	1.36
2001	417	256	768	0.33	0.61
2002	658	240	1,348	0.18	0.36
2003	686	897	2,747	0.33	1.31
2004	525	681	2,377	0.29	1.30
2005	612	3,580	2,142	1.67	5.85
Total (1975–2005)	108,088	211,132	328,876	—	—
Average (1975–2004)	3,583	6,918	10,891	0.64	1.93
% change from previous year	17	426	-10	483	351
% change from average	-83	-48	-80	163	203

APPENDIX A

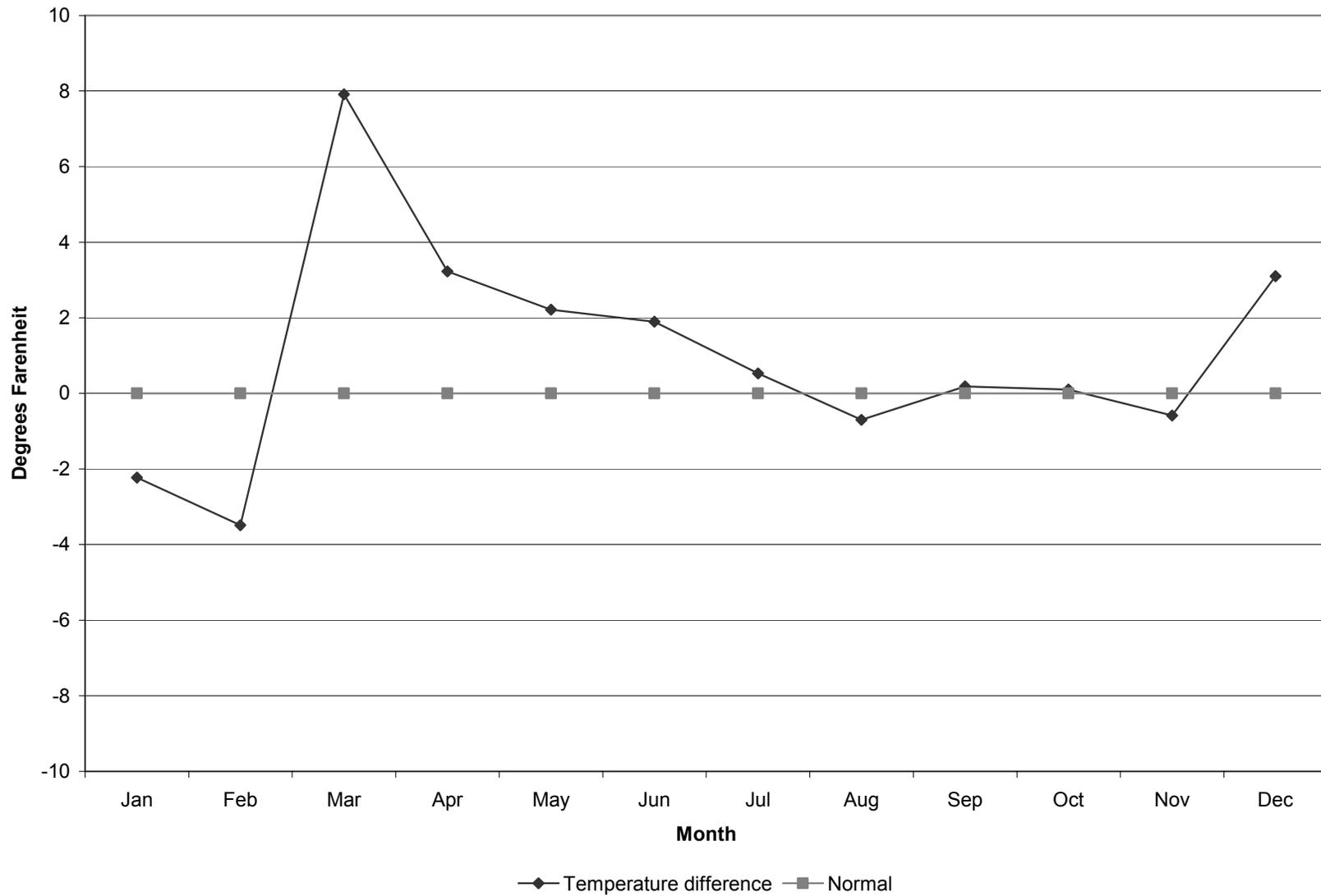
WEATHER CONDITIONS

Weather information used in this report is from the NOAA monthly periodical entitled “Climatological Data.”

Comparison of monthly average temperatures (°F) to normal temperature by weather division, Utah 2004.

Weather Division	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
No.1 Western													
Normal	26.0	32.5	39.6	47.3	56.5	66.0	74.3	72.1	62.0	50.1	37.6	27.4	49.3
2004	22.2	28.0	46.6	50.8	58.7	68.1	74.1	70.8	61.5	50.9	36.2	30.6	49.9
Departure	-3.8	-4.5	7.0	3.5	2.2	2.1	-0.2	-1.3	-0.5	0.8	-1.4	3.2	0.6
No.2 Dixie													
Normal	38.8	44.1	49.2	56.6	65.7	75.6	81.7	79.4	71.9	60.9	48.0	39.5	59.3
2004	39.5	40.5	58.9	59.7	68.9	79.3	83.4	80.3	72.7	58.9	46.8	42.2	60.9
Departure	0.7	-3.6	9.7	3.1	3.2	3.7	1.7	0.9	0.8	-2.0	-1.2	2.7	1.6
No.3 North Central													
Normal	25.8	31.3	39.3	47.7	56.9	66.2	74.4	72.3	62.4	50.9	38.3	27.8	49.4
2004	20.9	27.3	46.1	51.6	58.7	68.2	75.7	71.6	63.3	52.0	38.0	31.5	50.4
Departure	-4.9	-4.0	6.8	3.9	1.8	2.0	1.3	-0.7	0.9	1.1	-0.3	3.7	1.0
No.4 South Central													
Normal	26.5	31.6	37.6	45.1	54.0	63.4	70.4	68.2	59.9	49.3	37.3	28.1	47.6
2004	24.4	26.6	45.3	47.4	55.4	64.9	70.1	66.9	59.1	48.1	35.1	29.7	47.8
Departure	-2.1	-5.0	7.7	2.3	1.4	1.5	-0.3	-1.3	-0.8	-1.2	-2.2	1.6	0.2
No.5 Northern Mountains													
Normal	20.9	24.7	31.7	40.6	49.6	58.2	65.6	63.6	54.9	44.7	32.5	22.8	42.5
2004	18.5	22.1	38.9	44.5	51.1	59.8	66.6	62.7	55.7	45.3	32.7	26.0	43.7
Departure	-2.4	-2.6	7.2	3.9	1.5	1.6	1.0	-0.9	0.8	0.6	0.2	3.2	1.2
No.6 Uintah Basin													
Normal	16.7	24.0	36.3	46.8	56.2	65.3	72.2	69.8	60.2	48.3	34.0	20.5	45.9
2004	14.2	21.6	44.6	50.2	58.4	65.6	71.3	67.8	60.2	49.3	34.8	25.8	47.0
Departure	-2.5	-2.4	8.3	3.4	2.2	0.3	-0.9	-2.0	0.0	1.0	0.8	5.3	1.1
No.7 Southeast													
Normal	26.9	34.2	41.9	50.5	60.0	70.1	76.7	74.2	65.2	53.4	40.2	29.5	51.9
2004	26.3	31.9	50.6	53.0	63.2	72.2	77.8	74.6	65.3	53.8	40.2	31.5	53.4
Departure	-0.6	-2.3	8.7	2.5	3.2	2.1	1.1	0.4	0.1	0.4	0.0	2.0	1.5
State averages													
Normal	25.9	31.8	39.4	47.8	57.0	66.4	73.6	71.4	62.4	51.1	38.3	27.9	49.4
2004	23.7	28.3	47.3	51.0	59.2	68.3	74.1	70.7	62.5	51.2	37.7	31.0	50.4
Departure	-2.2	-3.5	7.9	3.2	2.2	1.9	0.5	-0.7	0.1	0.1	-0.6	3.1	1.0

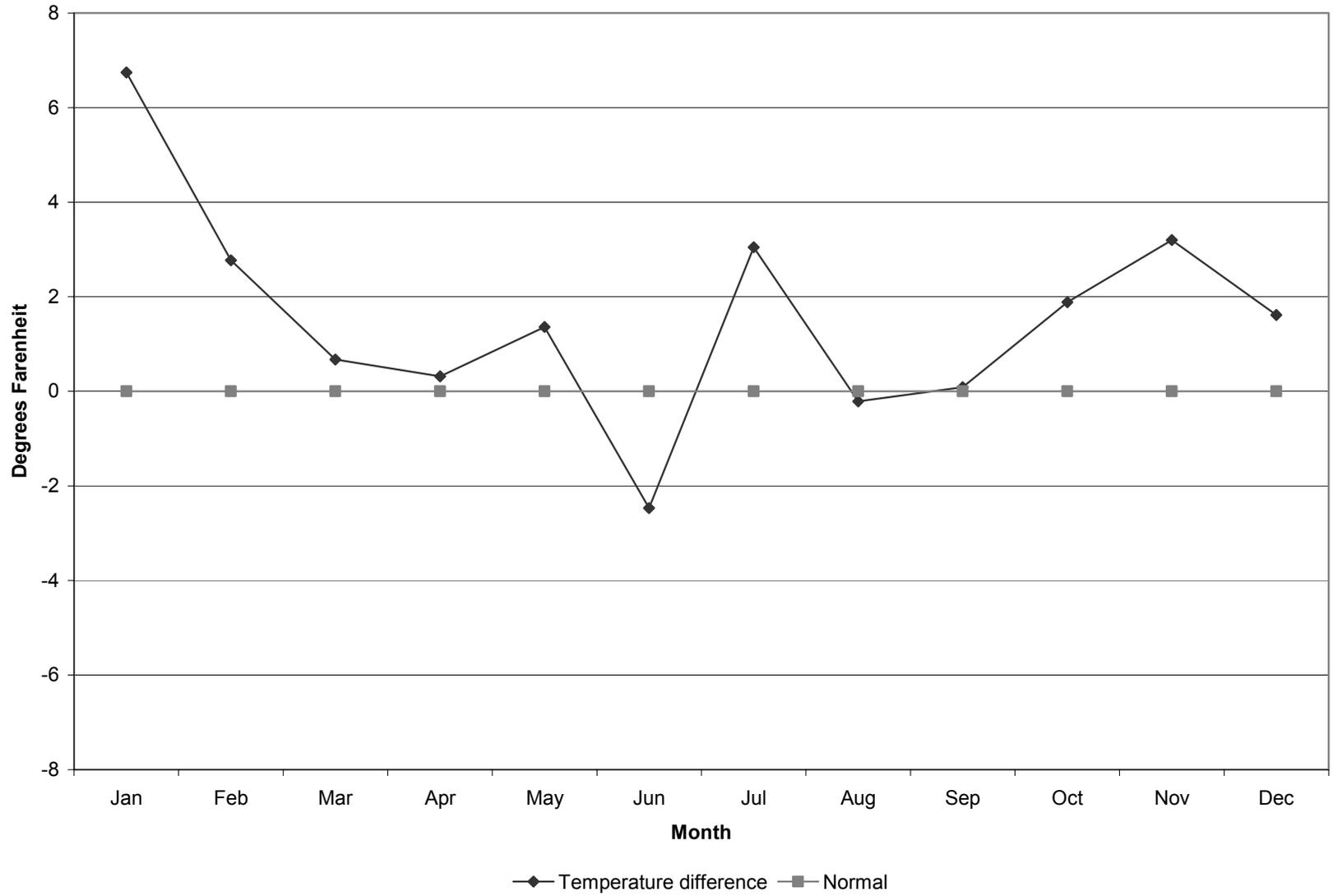
Temperature (°F) departure from normal, Utah 2004



Comparison of monthly average temperatures (°F) to normal temperature by weather division, Utah 2005.

Weather Division	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
No.1 Western													
Normal	26.7	32.5	40.7	47.6	56.4	66.2	73.8	72.1	62.0	49.6	36.6	27.6	49.3
2005	31.9	34.3	41.5	46.5	57.4	63.5	76.6	72.5	60.5	50.7	38.7	29.4	50.3
Departure	5.2	1.8	0.8	-1.1	1.0	-2.7	2.8	0.4	-1.5	1.1	2.1	1.8	1.0
No.2 Dixie													
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
2005	45.1	47.1	49.5	56.0	66.9	73.0	84.4	78.4	71.9	61.8	50.6	40.8	60.5
Departure	5.7	2.6	-0.6	-0.9	1.0	-2.9	2.8	-1.4	-0.4	1.1	3.4	1.1	1.0
No.3 North Central													
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
2005	32.3	32.6	40.4	48.5	57.8	64.0	77.0	73.7	63.4	52.8	40.6	29.6	51.1
Departure	5.8	1.0	0.1	0.9	1.2	-2.3	3.1	1.4	1.0	2.4	3.4	1.6	1.7
No.4 South Central													
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
2005	32.7	33.7	38.0	44.4	54.6	60.2	73.2	67.0	59.3	49.4	39.3	30.1	48.5
Departure	5.9	2.1	-0.2	-0.2	1.1	-2.9	3.4	-0.9	-0.4	1.1	3.3	2.1	1.2
No.5 Northern Mountains													
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
2005	27.3	26.1	33.9	41.8	50.7	56.5	68.4	64.7	55.5	47.0	35.0	22.7	44.1
Departure	6.0	1.2	1.1	1.4	1.3	-1.8	3.3	1.0	0.5	2.8	3.7	0.2	1.7
No.6 Uintah Basin													
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
2005	27.5	31.5	40.1	47.5	57.1	62.3	73.8	68.8	60.1	50.4	35.9	24.0	48.3
Departure	9.5	7.1	2.6	1.0	1.2	-2.9	2.2	-0.8	-0.1	2.6	3.1	3.0	2.4
No.7 Southeast													
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
2005	37.1	38.3	44.0	51.8	62.8	68.7	80.2	73.2	66.9	55.1	42.5	31.3	54.3
Departure	9.1	3.6	0.9	1.1	2.7	-1.8	3.7	-1.2	1.5	2.1	3.4	1.5	2.2
State averages													
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
2005	33.4	34.8	41.1	48.1	58.2	64.0	76.2	71.2	62.5	52.5	40.4	29.7	51.0
Departure	6.7	2.8	0.7	0.3	1.4	-2.5	3.0	-0.2	0.1	1.9	3.2	1.6	1.6

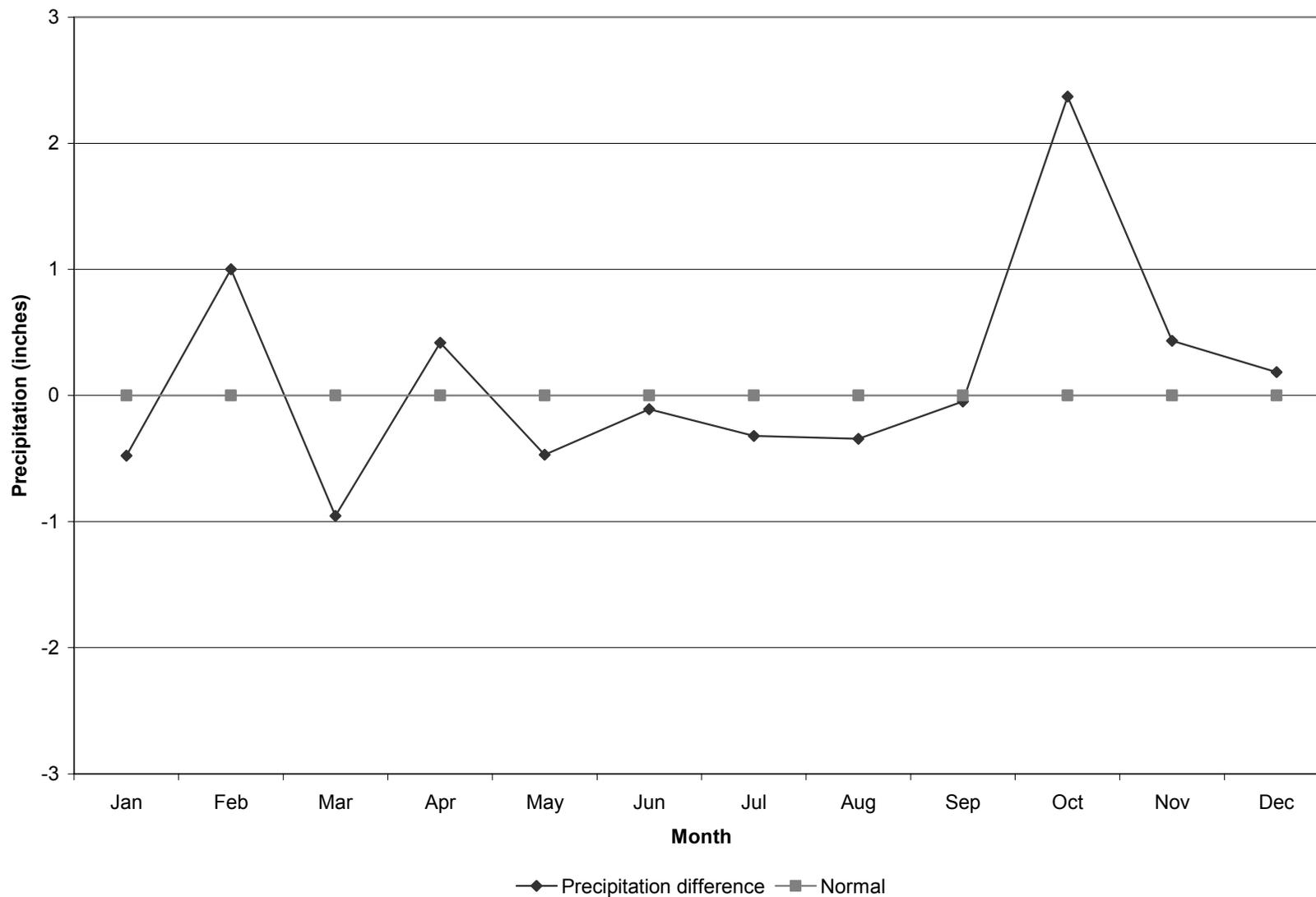
Temperature (°F) departure from normal, Utah 2005



Comparison of monthly average precipitation (inches) to normal precipitation by weather division, Utah 2004.

Weather Division	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
No.1 Western													
Normal	0.53	0.58	0.85	0.89	0.98	0.71	0.73	0.83	0.79	0.81	0.68	0.58	8.96
2004	0.22	1.29	0.21	1.28	0.57	0.48	0.55	0.59	0.53	2.17	0.88	0.89	9.66
Departure	-0.31	0.71	-0.64	0.39	-0.41	-0.23	-0.18	-0.24	-0.26	1.36	0.20	0.31	0.70
No.2 Dixie													
Normal	1.32	1.29	1.67	0.90	0.63	0.31	0.90	1.19	0.86	0.78	1.19	1.01	12.05
2004	0.47	3.68	0.12	1.47	0.09	0.06	0.10	0.81	0.47	4.56	2.17	2.07	16.07
Departure	-0.85	2.39	-1.55	0.57	-0.54	-0.25	-0.80	-0.38	-0.39	3.78	0.98	1.06	4.02
No.3 North Central													
Normal	1.34	1.39	1.77	1.94	1.84	1.21	0.85	0.99	1.43	1.64	1.53	1.49	17.42
2004	0.70	2.90	0.77	1.94	1.44	1.00	0.56	0.66	1.10	4.67	1.20	1.03	17.97
Departure	-0.64	1.51	-1.00	0.00	-0.40	-0.21	-0.29	-0.33	-0.33	3.03	-0.33	-0.46	0.55
No.4 South Central													
Normal	0.98	1.01	1.37	1.07	0.98	0.60	1.07	1.38	1.18	1.05	1.07	1.02	12.78
2004	0.71	2.18	0.23	1.66	0.55	0.50	1.05	0.91	0.91	3.91	1.99	1.34	15.94
Departure	-0.27	1.17	-1.14	0.59	-0.43	-0.10	-0.02	-0.47	-0.27	2.86	0.92	0.32	3.16
No.5 Northern Mountains													
Normal	1.83	1.78	1.93	1.95	1.68	1.19	1.04	1.19	1.52	1.69	1.83	1.92	19.55
2004	1.25	2.14	0.90	2.00	1.43	1.31	1.01	1.05	1.05	5.03	1.61	1.94	20.72
Departure	-0.58	0.36	-1.03	0.05	-0.25	0.12	-0.03	-0.14	-0.47	3.34	-0.22	0.02	1.17
No.6 Uintah Basin													
Normal	0.48	0.46	0.63	0.73	0.86	0.71	0.71	0.73	0.88	0.96	0.56	0.60	8.31
2004	0.07	0.71	0.04	0.94	0.16	0.66	0.27	0.41	1.38	2.98	1.11	0.39	9.12
Departure	-0.41	0.25	-0.59	0.21	-0.70	-0.05	-0.44	-0.32	0.50	2.02	0.55	-0.21	0.81
No.7 Southeast													
Normal	0.68	0.59	0.81	0.66	0.67	0.46	0.97	1.05	0.98	1.13	0.80	0.73	9.53
2004	0.40	1.20	0.07	1.78	0.11	0.42	0.49	0.53	1.86	1.33	1.73	0.98	10.90
Departure	-0.28	0.61	-0.74	1.12	-0.56	-0.04	-0.48	-0.52	0.88	0.20	0.93	0.25	1.37
State averages													
Normal	1.02	1.01	1.29	1.16	1.09	0.74	0.90	1.05	1.09	1.15	1.09	1.05	12.66
2004	0.55	2.01	0.33	1.58	0.62	0.63	0.58	0.71	1.04	3.52	1.53	1.23	14.34
Departure	-0.47	1.00	-0.96	0.42	-0.47	-0.11	-0.32	-0.34	-0.05	2.37	0.44	0.18	1.68

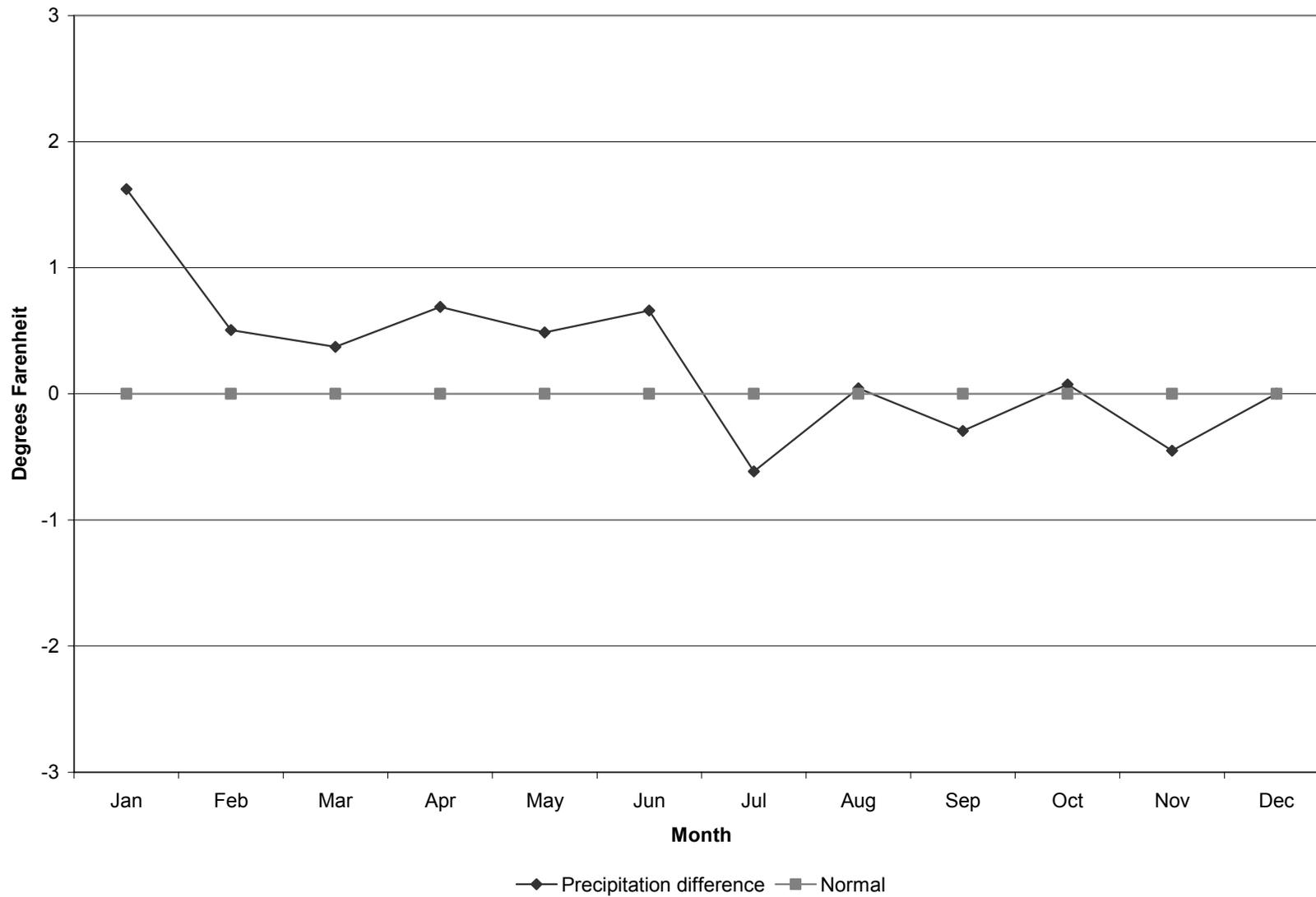
Precipitation (inches) departure from normal, Utah 2004



Comparison of monthly average precipitation (inches) to normal precipitation by weather division, Utah 2005.

Weather Division	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
No.1 Western													
Normal	0.64	0.65	0.92	0.87	1.12	0.61	0.70	0.78	0.80	0.96	0.65	0.48	0.64
2005	1.45	0.89	1.18	1.74	1.69	1.06	0.27	0.67	0.42	1.14	0.30	0.25	1.45
Departure	0.81	0.24	0.26	0.87	0.57	0.45	-0.43	-0.11	-0.38	0.18	-0.35	-0.23	0.81
No.2 Dixie													
Normal	1.58	1.59	1.95	0.87	0.68	0.33	0.90	1.14	0.89	1.01	1.09	0.84	1.58
2005	4.53	3.39	2.45	2.31	0.62	0.70	0.42	1.60	0.18	1.55	0.23	0.37	4.53
Departure	2.95	1.80	0.50	1.44	-0.06	0.37	-0.48	0.46	-0.71	0.54	-0.86	-0.47	2.95
No.3 North Central													
Normal	1.59	1.58	1.88	1.90	2.15	1.06	0.89	0.97	1.42	1.81	1.54	1.37	1.59
2005	3.09	1.80	2.62	3.44	3.95	2.06	0.07	0.47	0.51	1.84	1.01	1.82	3.09
Departure	1.50	0.22	0.74	1.54	1.80	1.00	-0.82	-0.50	-0.91	0.03	-0.53	0.45	1.50
No.4 South Central													
Normal	1.17	1.21	1.43	1.07	1.09	0.59	1.00	1.35	1.17	1.34	1.07	0.87	1.17
2005	3.25	1.73	2.06	1.53	1.63	1.84	0.34	1.78	0.85	1.86	0.26	0.78	3.25
Departure	2.08	0.52	0.63	0.46	0.54	1.25	-0.66	0.43	-0.32	0.52	-0.81	-0.09	2.08
No.5 Northern Mountains													
Normal	2.03	1.85	1.99	1.90	2.01	1.12	1.07	1.15	1.56	1.86	1.86	1.72	2.03
2005	3.38	1.71	2.21	2.45	3.01	1.77	0.16	1.02	0.75	1.53	1.87	2.84	3.38
Departure	1.35	-0.14	0.22	0.55	1.00	0.65	-0.91	-0.13	-0.81	-0.33	0.01	1.12	1.35
No.6 Uintah Basin													
Normal	0.52	0.48	0.63	0.79	0.98	0.57	0.74	0.82	0.92	1.08	0.54	0.42	0.52
2005	1.64	0.55	0.76	0.80	0.90	0.86	0.10	0.62	1.41	0.85	0.47	0.13	1.64
Departure	1.12	0.07	0.13	0.01	-0.08	0.29	-0.64	-0.20	0.49	-0.23	-0.07	-0.29	1.12
No.7 Southeast													
Normal	0.84	0.67	0.87	0.71	0.77	0.40	0.92	0.97	0.97	1.28	0.80	0.63	0.84
2005	2.39	1.50	1.00	0.67	0.41	1.02	0.56	1.33	1.55	1.09	0.26	0.15	2.39
Departure	1.55	0.83	0.13	-0.04	-0.36	0.62	-0.36	0.36	0.58	-0.19	-0.54	-0.48	1.55
State averages													
Normal	1.20	1.15	1.38	1.16	1.26	0.67	0.89	1.03	1.10	1.33	1.08	0.90	1.20
2005	2.82	1.65	1.75	1.85	1.74	1.33	0.27	1.07	0.81	1.41	0.63	0.91	2.82
Departure	1.62	0.50	0.37	0.69	0.48	0.66	-0.62	0.04	-0.29	0.08	-0.45	0.01	1.62

Precipitation (inches) departure from normal, Utah 2005



APPENDIX B

LICENSE SALES

Statewide small game and combination license sales, Utah 1954–2005.

Year	Small game licenses						Combination licenses	
	Adult resident		Juvenile resident		Nonresident		Issued	Cost
	Issued	Cost	Issued	Cost	Issued	Cost		
1954	12,990	\$3.50	5,170	\$2.00	561	\$15.00	79,574	\$6.00
1955	12,086	\$3.50	5,369	\$2.00	478	\$15.00	79,960	\$6.00
1956	12,102	\$3.50	5,735	\$2.00	524	\$15.00	80,968	\$6.00
1957	12,239	\$3.50	6,192	\$2.00	505	\$15.00	81,271	\$6.00
1958	14,290	\$3.50	6,563	\$2.00	696	\$15.00	85,198	\$6.00
1959	13,421	\$3.50	5,966	\$2.00	669	\$15.00	90,069	\$6.00
1960	12,020	\$3.50	5,022	\$2.00	576	\$15.00	90,085	\$6.00
1961	12,177	\$3.50	6,108	\$2.00	617	\$15.00	88,180	\$6.00
1962	12,953	\$3.50	6,536	\$2.00	607	\$15.00	91,412	\$6.00
1963	13,365	\$3.50	6,319	\$2.00	642	\$15.00	94,768	\$6.00
1964	13,073	\$3.50	6,453	\$2.00	681	\$15.00	98,556	\$6.00
1965	12,913	\$3.50	6,755	\$2.00	716	\$15.00	100,410	\$6.00
1966	13,854	\$3.50	7,477	\$2.00	725	\$15.00	103,849	\$6.00
1967	18,588	\$4.50	12,851	\$2.50	652	\$20.00	86,218	\$10.00
1968	20,647	\$4.50	15,205	\$2.50	703	\$20.00	91,020	\$10.00
1969	20,221	\$4.50	15,567	\$2.50	853	\$20.00	96,117	\$10.00
1970	19,564	\$4.50	15,827	\$2.50	1,009	\$20.00	100,467	\$10.00
1971	20,681	\$4.50	16,044	\$2.50	1,000	\$20.00	102,284	\$10.00
1972	19,796	\$4.50	16,523	\$2.50	1,075	\$20.00	107,414	\$10.00
1973	18,836	\$4.50	16,522	\$2.50	964	\$20.00	155,436	\$10.00
1974	17,434	\$4.50	16,334	\$2.50	974	\$20.00	117,770	\$10.00
1975	17,057	\$4.50	15,869	\$2.50	967	\$20.00	115,362	\$10.00
1976	33,078	\$6.00	16,261	\$3.00	1,141	\$20.00	76,587	\$18.00
1977	36,473	\$6.00	15,795	\$3.00	1,270	\$20.00	74,600	\$18.00
1978	37,082	\$6.00	15,419	\$3.00	1,449	\$20.00	81,227	\$18.00
1979	36,721	\$6.00	14,200	\$3.00	1,575	\$20.00	84,450	\$18.00
1980	30,189	\$8.00	14,042	\$4.00	1,330	\$30.00	100,177	\$23.00
1981	37,804	\$8.00	13,874	\$4.00	1,559	\$30.00	83,486	\$23.00
1982	36,850	\$8.00	14,040	\$4.00	1,637	\$30.00	82,970	\$23.00
1983	39,602	\$8.00	13,814	\$4.00	1,685	\$30.00	73,529	\$23.00
1984	36,070	\$8.00	13,170	\$4.00	1,633	\$30.00	73,081	\$23.00
1985	30,102	\$12.00	12,987	\$6.00	1,500	\$40.00	82,137	\$35.00
1986	29,202	\$12.00	11,921	\$6.00	1,274	\$40.00	67,187	\$35.00
1987	26,781	\$12.00	11,228	\$6.00	1,235	\$40.00	66,715	\$35.00
1988	25,733	\$12.00	9,498	\$6.00	1,428	\$40.00	72,846	\$35.00
1989	25,845	\$12.00	5,769	\$6.00	1,422	\$40.00	74,274	\$35.00
1990	24,527	\$12.00	5,682	\$6.00	1,279	\$40.00	76,292	\$35.00

Statewide small game and combination license sales, Utah 1954–2005 (cont.).

Year	Small game licenses						Combination licenses	
	Adult resident		Juvenile resident		Nonresident		Issued	Cost
	Issued	Cost	Issued	Cost	Issued	Cost		
1991	23,276	\$12.00	5,626	\$6.00	1,212	\$40.00	79,165	\$35.00
1992	21,852	\$12.00	5,431	\$6.00	1,195	\$40.00	78,940	\$35.00
1993	20,899	\$12.00	4,887	\$6.00	1,150	\$40.00	78,030	\$25.00
1994	25,792	\$12.00	4,551	\$6.00	1,223	\$40.00	59,854	\$25.00
1995	24,219	\$12.00	4,403	\$6.00	1,379	\$40.00	66,607	\$25.00
1996	23,908	\$12.00	3,584	\$6.00	1,503	\$40.00	65,003	\$25.00
1997	22,335	\$12.00	3,546	\$6.00	1,476	\$40.00	62,936	\$25.00
1998	22,671	\$12.00	3,529	\$6.00	1,618	\$40.00	63,648	\$25.00
1999	23,109	\$13.00	3,654	\$7.00	1,651	\$41.00	65,193	\$28.00
2000	23,316	\$13.00	3,521	\$7.00	1,212	\$41.00	59,794	\$28.00
2001	20,617	\$17.00	3,369	\$11.00	1,017	\$45.00	58,880	\$32.00
2002	19,415	\$17.00	3,063	\$11.00	1,133	\$45.00	55,425	\$32.00
2003	19,045	\$17.00	3,150	\$11.00	1,085	\$45.00	53,778	\$32.00
2004	19,114	\$17.00	3,092	\$11.00	1,211	\$45.00	53,743	\$34.00
2005	18,440	\$17.00	2,956	\$11.00	1,266	\$45.00	53,829	\$34.00

Proportion of population hunting small game, Utah 1971–2005.

Year	Utah population	Resident small game hunters	Proportion hunting small game
1971	1,101,000	93,399	8.48
1972	1,135,000	102,430	9.02
1973	1,169,000	106,868	9.14
1974	1,197,000	104,796	8.75
1975	1,234,000	100,702	8.16
1976	1,272,000	77,138	6.06
1977	1,316,000	78,652	5.98
1978	1,364,000	87,928	6.45
1979	1,416,000	93,016	6.57
1980	1,461,037	103,018	7.05
1981	1,524,830	96,104	6.30
1982	1,588,622	92,724	5.84
1983	1,652,415	86,396	5.23
1984	1,716,207	81,499	4.75
1985	1,780,000	88,498	4.97
1986	1,665,000	87,442	5.25
1987	1,678,000	79,485	4.74
1988	1,695,000	87,928	5.19
1989	1,715,000	89,147	5.20
1990	1,722,850	87,691	5.09
1991	1,774,241	86,484	4.87
1992	1,820,453	88,707	4.87
1993	1,866,000	86,150	4.62
1994	1,916,000	72,383	3.78
1995	1,959,000	75,251	3.84
1996	2,002,359	70,142	3.50
1997	2,048,753	61,945	3.02
1998	2,082,502	60,396	2.90
1999	2,121,053	62,555	2.95
2000	2,246,553	56,986	2.54
2001	2,305,652	50,781	2.20
2002	2,358,330	43,078	1.83
2003	2,413,618	35,723	1.48
2004	2,469,230	30,023	1.22
2005	2,547,389	37,060	1.45

*Source (1986–2005): Utah Population Estimate Committee (Governor’s Office Planning and Budget)

**Resident small game hunters = number of combination licenses sold, minus the number of Federal Duck Stamps sold, plus the number of resident small game licenses sold, plus half the number of juvenile small game licenses sold.

***The number of Federal Duck Stamps sold in 2005 was unavailable at the time this report was published. As such, we used the average from 2001–2004.

Small game license sales and revenue generated, Utah 1971–2005 (JSG=juvenile small game license, RSG=resident small game license, CMB=combination license, NRSNG=nonresident small game license).

Year	License Fees (\$)				Number of licenses sold				Federal Duck Stamps Sold ¹	Total gross revenues attributed to small game (\$)				
	JSG	RSG	CMB	NRSNG	JSG	RSG	CMB	NRSNG		JSG ²	RSG	CMB ³	NRSNG	Total ⁴
1971	2.50	4.50	10.00	20.00	16,044	20,681	102,284	1,000	37,588	20,055	93,064	200,557	20,000	313,676
1972	2.50	4.50	10.00	20.00	16,523	19,796	107,414	4,075	33,042	20,653	89,082	230,553	21,500	340,288
1973	2.50	4.50	10.00	20.00	16,522	18,836	115,436	964	35,665	20,652	84,762	247,290	19,280	352,704
1974	2.50	4.50	10.00	20.00	16,334	17,434	117,770	974	38,575	20,417	78,453	245,504	19,480	344,374
1975	2.50	4.50	10.00	20.00	15,869	17,057	115,362	967	39,652	19,836	76,756	234,701	19,340	330,993
1976	3.00	6.00	18.00	20.00	16,261	33,078	76,587	1,141	40,658	24,391	198,468	184,675	22,820	407,534
1977	3.00	6.00	18.00	20.00	15,795	36,473	74,600	1,270	40,319	23,692	218,838	176,204	25,400	418,734
1978	3.00	6.00	18.00	20.00	15,419	37,082	81,227	1,449	38,091	23,128	222,492	221,719	28,980	467,339
1979	3.00	6.00	18.00	20.00	14,200	36,721	84,450	1,575	35,255	21,300	220,326	252,862	31,500	494,488
1980	4.00	8.00	23.00	30.00	14,042	30,189	100,177	1,330	34,369	28,084	241,512	425,120	39,900	694,716
1981	4.00	8.00	23.00	30.00	13,874	37,804	83,486	1,559	32,123	27,748	302,432	331,805	46,770	661,985
1982	4.00	8.00	23.00	30.00	14,040	36,850	82,970	1,637	34,116	28,080	294,800	315,597	49,110	638,477
1983	4.00	8.00	23.00	30.00	13,814	39,602	73,529	1,685	33,642	25,620	305,249	257,670	50,134	588,539
1984	4.00	8.00	23.00	30.00	13,170	36,070	73,081	1,633	34,237	26,340	288,560	250,544	48,990	565,444
1985	6.00	12.00	35.00	40.00	12,987	30,102	82,137	1,500	30,235	38,961	361,224	484,246	60,000	884,431
1986	6.00	12.00	35.00	40.00	11,946	39,567	67,435	1,274	25,533	35,838	354,804	395,973	50,960	786,615
1987	6.00	12.00	35.00	40.00	11,228	26,781	66,715	1,235	19,625	33,684	321,372	439,350	49,400	794,406
1988	6.00	12.00	35.00	40.00	9,498	25,733	72,846	1,428	15,400	28,494	308,796	535,971	57,120	873,261
1989	6.00	12.00	35.00	40.00	5,769	25,845	74,274	1,422	13,857	17,307	310,140	563,691	56,880	891,138
1990	6.00	12.00	35.00	40.00	5,682	24,527	76,292	1,279	15,969	17,046	294,324	543,986	51,160	855,356
1991	6.00	12.00	35.00	40.00	5,626	23,276	79,165	1,212	18,770	16,878	279,312	563,485	48,480	859,675
1992	6.00	12.00	35.00	40.00	5,431	21,852	78,940	1,195	14,801	16,293	262,224	598,417	47,800	924,734
1993	6.00	12.00	25.00	40.00	4,887	20,899	78,030	1,150	15,223	14,661	250,788	585,989	46,000	897,438
1994	6.00	12.00	25.00	40.00	4,551	25,792	59,854	1,223	15,539	13,653	309,504	413,459	48,920	785,536
1995	6.00	12.00	25.00	40.00	4,403	24,219	66,607	1,379	19,428	13,209	290,628	440,180	55,160	799,177

Small game license sales and revenue generated, Utah 1971–2005 (cont.).

Year	License Fees (\$)				Number of licenses sold				Federal Duck Stamps Sold ¹	Total gross revenues attributed to small game (\$)				
	JSG	RSG	CMB	NRSB	JSG	RSG	CMB	NRSB		JSG ²	RSG	CMB ³	NRSB	Total ⁴
1996	6.00	12.00	25.00	40.00	3,584	23,908	65,003	1,503	21,403	10,752	286,896	552,412	60,120	910,180
1997	6.00	12.00	25.00	40.00	3,674	22,980	63,513	1,563	25,099	11,022	275,760	486,705	62,520	836,007
1998	6.00	12.00	25.00	40.00	3,529	22,671	63,648	1,618	27,668	10,587	272,052	455,867	64,720	803,226
1999	7.00	13.00	28.00	41.00	3,654	23,109	65,193	1,651	27,574	12,789	300,417	476,633	67,691	857,530
2000	7.00	13.00	28.00	41.00	3,521	23,316	59,794	1,212	27,885	12,324	303,108	435,558	49,692	800,681
2001	11.00	17.00	32.00	45.00	3,369	20,617	58,880	1,017	30,401	18,530	350,489	504,363	45,765	919,147
2002	11.00	17.00	32.00	45.00	3,063	19,415	55,425	1,133	33,294	16,847	330,055	391,940	50,985	789,827
2003	11.00	17.00	32.00	45.00	3,150	19,045	53,778	1,085	38,675	17,325	323,765	266,568	48,825	656,483
2004	11.00	17.00	34.00	45.00	3,092	19,114	53,743	1,211	44,380	17,006	324,938	165,257	54,495	561,696
2005	11.00	17.00	34.00	45.00	2,956	18,440	53,829	1,266	36,688	16,258	313,480	302,547	56,970	689,255

¹Total Federal duck stamps sold does not include those sold during the second quarter, Apr-Jun, because persons purchasing stamps during this quarter tend not to be hunters.

²Half of the juvenile small game license sales were attributed to waterfowl hunters. Federal duck stamps are not required of juveniles less than 16 years of age.

³Combination license values are based on the assumption that all waterfowl hunters purchased only combination licenses. They may fish and hunt big game but they do not hunt any other small game. Therefore, duck stamp sales are subtracted from combination license sales when projecting revenue generated. The proportion of the combination license fee attributed to small game equals the resident small game license fee divided by the resident fishing license fee, plus the resident small game license fee.

⁴Value does not include cougar, bear or wild turkey permits, habitat authorization, or cooperative wildlife management unit or commercial hunting area license fees. It does not include NRSB revenue - this is assumed to be primarily non-resident bear and cougar hunters.

*The number of Federal Duck Stamps sold in 2005 was unavailable at the time this report was published. As such, we used the average from 2001–2004

APPENDIX C

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

Upland game season dates, bag and possession limits, and areas open, Utah 2004 (Utah Upland Game Proclamation 2004–2005).

Species	Season Dates	Bag Limit	Possession Limit*	Areas Open	Footnotes
Pheasant	Nov. 6 - Nov. 21, 2004	2	2 bag limits	<ul style="list-style-type: none"> Statewide, except closed areas. In Weber County, the Willard Bay WMA, and in Duchesne County, the Mallard Springs WMA will be closed on Saturday, Nov. 13 to general public hunting. A special youth upland game hunt will be conducted on these WMAs on Nov. 13. These areas will reopen to general public hunting on Nov. 14. 	<ul style="list-style-type: none"> Males only may be harvested. Hunting begins at 8:00 a.m. on opening day. The Goshen Warm Springs WMA in Utah County is closed to upland game hunting. Only in certain counties are state and federal lands open to 30 days of pheasant hunting. Check the proclamation carefully!
	Nov. 6 - Nov. 12, 2004	2	2 bag limits	<ul style="list-style-type: none"> In all of Utah County, except the Powell Slough Wildlife Management Area, the pheasant hunt closes on Nov. 12, 2004. 	
	Nov. 6 - Dec. 5, 2004	2	2 bag limits	<ul style="list-style-type: none"> ***CAUTION*** Not all counties are open for 30 day pheasant hunting. Only the following areas are open: All state and federal land in Carbon, Duchesne, Emery, Grand, Juab, Millard, San Juan, Sanpete, Sevier, Tooele, and Uintah counties (including private land leased by the Division subject to restrictions and closures imposed by administering agencies). The Powell Slough WMA in Utah County. In Emery County, the Huntington WMA, in Millard County, the Pahvant WMA, and in Tooele County, the James Walter Fitzgerald WMA, will be closed on Saturday, Nov. 13 to general public hunting. A special youth upland game hunt will be conducted on these WMAs on Nov. 13. These areas will reopen to general public hunting on Nov. 14. 	
Mourning Dove	Sept. 1 - Sept. 30, 2004	10	2 bag limits	<ul style="list-style-type: none"> Statewide, except closed areas. 	<ul style="list-style-type: none"> Limits singly or in aggregate.
Band-tailed Pigeon	Sept. 1 - Sept. 30, 2004	5	2 bag limits	<ul style="list-style-type: none"> Beaver, Garfield, Grand, Iron, Kane, Millard, Piute, San Juan, Sanpete, Sevier, Utah, Washington, and Wayne counties. 	<ul style="list-style-type: none"> Band-tailed Pigeon permit required.
Chukar Partridge	Sept. 18 - Nov. 30, 2004	5	2 bag limits	<ul style="list-style-type: none"> Cache, Daggett, Davis, Iron, Millard, Morgan, Rich, Sanpete, Summit, Wasatch and Weber counties. Those parts of Beaver, Iron, Juab, Millard, Salt Lake and Utah counties east of I-15. That part of Box Elder County east of I-15. That part of Sevier County north of I-70. 	<ul style="list-style-type: none"> Antelope Island is closed to upland game hunting.
	Sept. 18 - Dec. 31, 2004	5	2 bag limits	<ul style="list-style-type: none"> That part of Box Elder County beginning at the junction of I-15 and SR-83; then west on SR-83 to Lampo Junction; west along the Union Pacific/Central Pacific Railroad Grade to Locomotive Springs; north on the Locomotive Springs-Snowville-Stone, Idaho Road to the Utah-Idaho border; east along this border to I-15; south on I-15 to SR-83. 	
	Sept. 18, 2004 - Jan. 31, 2005	5	2 bag limits	<ul style="list-style-type: none"> Carbon, Duchesne, Emery, Garfield, Grand, Kane, Piute, San Juan, Tooele, Uintah, Washington and Wayne counties. Those parts of Beaver, Iron, Juab, Millard, Salt Lake and Utah counties west of I-15. That part of Box Elder County west of I-15 and south of SR-83, south of the Union Pacific/Central Pacific Railroad Grade, and west of the Locomotive Springs-Snowville-Stone, Idaho Road. That part of Sevier County south of I-70. 	

*Possession limit is the number of bag limits one individual may legally possess.

Upland game season dates, bag and possession limits, and areas open, Utah 2004 (cont.).

Species	Season Dates	Bag Limit	Possession Limit*	Areas Open	Footnotes
Sage-grouse	Sept. 18 - Sept. 26, 2004	Only 2 birds of either sex may be taken during the entire season.		<ul style="list-style-type: none"> Hunt #001 West Box Elder - That part of Box Elder County west of the Locomotive Springs-Snowville-Stone, Idaho Road. 	<ul style="list-style-type: none"> Sage-grouse permit required. 660 two-bird permits available.
	Sept. 18 - Sept. 26, 2004	Only 2 birds of either sex may be taken during the entire season.		<ul style="list-style-type: none"> Hunt #002 Rich County - All of Rich County. 	<ul style="list-style-type: none"> Sage-grouse permit required. 191 two-bird permits available.
	Sept. 18 - Sept. 26, 2004	Only 2 birds of either sex may be taken during the entire season.		<ul style="list-style-type: none"> Hunt #003 Uintah Basin - All of Daggett County except the area beginning on the east shore of Flaming Gorge Reservoir and the Utah/Wyoming state line; then east on this state line to the Utah/Colorado state line; south on this state line to the Green River; northwest on the Green River and the east shore of Flaming Gorge Reservoir to the Utah/Wyoming state line. All of Duchesne County north and east of the Duchesne River. All of Grand County north of I-70. All of Uintah County except the area beginning at US-40 and the Green River in Jensen; then east on this highway to the Utah/Colorado state line; south on this state line to the White River; west on this river to the Green River; northeast on this river to US-40. 	<ul style="list-style-type: none"> Sage-grouse permit required. 310 two-bird permits available.
	Sept. 18 - Sept. 26, 2004	Only 2 birds of either sex may be taken during the entire season.		<ul style="list-style-type: none"> Hunt #004 Parker Mountain - Beginning at the junction of US-89 and I-70 near Sigurd; south on US-89 to SR-24; south on this highway to SR-62; south on this highway to SR-22; south on this highway to Antimony; south on the John's Valley Road through Widtsoe to Bryce Junction and SR-12; east and north on this highway to SR-24; west on this highway to SR-72 at Loa; north on this highway to I-70; west on this highway to US-89. 	<ul style="list-style-type: none"> Sage-grouse permit required. 289 two-bird permits available.
Forest Grouse (Blue and Ruffed)	Sept. 11 - Nov. 30, 2004	4	2 bag limits	<ul style="list-style-type: none"> Statewide, except closed areas. 	<ul style="list-style-type: none"> Limits singly or in aggregate.
Quail (California and Gambel's)	Nov. 6 - Nov. 21, 2004	5	2 bag limits	<ul style="list-style-type: none"> Box Elder, Carbon, Davis, Emery, Grand, Juab, Kane, Millard, Piute, Salt Lake, San Juan, Sevier, Tooele, Utah, and Weber counties. Daggett County is closed. Desert Lake WMA in Emery County is closed. 	<ul style="list-style-type: none"> Hunting begins at 8 a.m. on opening day.
	Nov. 6 - Dec. 31, 2004	5	2 bag limits	<ul style="list-style-type: none"> Duchesne, Uintah, and Washington counties. 	

*Possession limit is the number of bag limits one individual may legally possess.

Upland game season dates, bag and possession limits, and areas open, Utah 2004 (cont.).

Species	Season Dates	Bag Limit	Possession Limit*	Areas Open	Notes
Hungarian Partridge	Sept. 18 - Nov. 30, 2004	5	2 bag limits	<ul style="list-style-type: none"> • Cache, Davis, Morgan, Rich, Summit and Weber counties. • That part of Box Elder County east of I-15. • That part of Juab County east of I-15. 	
	Sept. 18 - Dec. 31, 2004	5	2 bag limits	<ul style="list-style-type: none"> • That part of Box Elder County beginning at the junction of I-15 and SR-83; west on SR-83 to Lampo Junction; west along the Union Pacific/Central Pacific Railroad Grade to Locomotive Springs; north on the Locomotive Springs-Snowville-Stone, Idaho Road to the Utah-Idaho border; east along this border to I-15; south on I-15 to SR-83. 	
	Sept. 18, 2004 - Jan. 31, 2005	5	2 bag limits	<ul style="list-style-type: none"> • Tooele County. • That part of Box Elder County west of I-15 and south of SR-83, south of the Union Pacific/Central Pacific Railroad Grade, and west of the Locomotive Springs-Snowville-Stone, Idaho Road. • That part of Juab County west of I-15. 	
Sharp-tailed Grouse	Nov. 6 - Nov. 14, 2004	Only 2 birds of either sex may be taken during the entire season.		<ul style="list-style-type: none"> • East Box Elder: That part of Box Elder County beginning at the junction of I-15 and SR-83; then west on SR-83 to Lampo Junction; west along the Union Pacific/Central Pacific Railroad Grade to Locomotive Springs; north on the Locomotive Springs-Snowville-Stone, Idaho Road to the Utah-Idaho border; east along this border to I-15; south on I-15 to SR-83. 	<ul style="list-style-type: none"> • Sharp-tailed Grouse permit required. • 348 two-bird permits available. • This hunt is comprised of all or largely private property. Hunters should acquire written permission from the landowner before applying for this hunt.
White-tailed Ptarmigan	Sept. 4 - Oct. 15, 2004	4	2 bag limits	<ul style="list-style-type: none"> • White-tailed Ptarmigan are only found in very rugged, high elevation areas above the timberline in Daggett, Duchesne, Summit and Uintah counties. 	<ul style="list-style-type: none"> • White-tailed Ptarmigan permit required.
Cottontail Rabbit	Sept. 18, 2004 - Feb. 28, 2005	10	2 bag limits	<ul style="list-style-type: none"> • Statewide, except closed areas. 	
Snowshoe Hare	Sept. 18, 2004 - Feb. 28, 2005	5	2 bag limits	<ul style="list-style-type: none"> • Statewide, except closed areas. 	
Jackrabbit (white-tailed and black-tailed)				*Jackrabbits are not protected in Utah. They may be hunted without a license, year-round.	

*Possession limit is the number of bag limits one individual may legally possess.

Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2004 (Turkey Addendum 2004).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Beaver (A)	101 501	Apr. 3 - Apr. 16, 2004	15	3	One male per permit	Iron, Garfield, Piute, Beaver and Millard counties - Boundary begins at I-15 and I-70; east on I-70 to US-89; south on US-89 to SR-20; west on SR-20 to I-15; north on I-15 to I-70.
Beaver (B)	102 502	Apr. 17 - May 7, 2004	15	3	One male per permit	
Beaver (C)	103 503	May 8 - May 31, 2004	15	3	One male per permit	
Book Cliffs (South)	104 504	Apr. 6 - May 31, 2004	3	1	One male per permit	Grand and Uintah counties - Beginning at I-70 and Floy Canyon (Exit 173), northeast up Floy Canyon to the Book Cliffs Divide, east along the Book Cliffs Divide to the Colorado state line, south along the state line to I-70, west along I-70 to Floy Canyon (Exit 173).
Cache (West) (Early)*	105 505	Apr. 3 - Apr. 16, 2004	10	2	One male per permit	Cache and Box Elder counties - Boundary begins at I-15 at exit 364; north on I-15 to the Idaho state line; east along the state line to US-91; south on US-91 to US-89/91; south and west on US-89/91 to I-15 at exit 364.
Cache (West) (Late)*	106 506	Apr. 17 - May 9, 2004	10	2	One male per permit	
Cache (East) (Early)*	107 507	Apr. 3 - Apr. 16, 2004	10	2	One male per permit	Cache, Rich, and Weber counties - Boundary begins at the junction of SR-101 and US-89/91; north along US-89/91 to US-91; north along US-91 to the Utah-Idaho state line; east along the state line to US-89; south on US-89 to the Cache County line; south along the county line to SR-39; west on SR-39 to Ant Flat Road; north on Ant Flat Road to SR-101; west on SR-101 to US-89/91.
Cache (East) (Late)*	108 508	Apr. 17 - May 9, 2004	10	2	One male per permit	
Caineville	109 509	Apr. 3 - May 9, 2004	6	1	One male per permit	Wayne County - One mile either side of the Fremont River from Capitol Reef National Park to Hanksville.
Central Region (West)	110 510	Apr. 19 - May 31, 2004	5	1	One male per permit	Juab, Tooele, and Utah counties - Boundary begins at I-15 and SR-73 in Lehi; south on I-15 to Nephi and SR-132; southwest on SR-132 to US-6 at Lynndyl; north on US-6 to the Sand Dunes Road at Jericho Junction; west on this road passing north of Desert Mountain to the Old River Bed Road; north on this road to the Pony Express Road; east on this road to SR-73 (5-mile Pass); north and east along SR-73 to I-15.
Chalk Creek (Early)	111 511	Apr. 3 - Apr. 16, 2004	10	2	One male per permit	Summit and Duchesne counties - Boundary begins at the junction of I-84 and I-80 near Echo; northeast on I-80 to the Utah-Wyoming state line; southeast along this state line to SR-150; south on SR-150 to Pass Lake and the Weber River Trail; west on this trail to Holiday Park and the Weber River Road; west on this road to SR-32; northwest on SR-32 to I-80 and Wanship; north on I-80 to I-84 near Echo.
Chalk Creek (Late)	112 512	Apr. 17 - May 9, 2004	10	2	One male per permit	
Colorado River (A)*	113 513	Apr. 3 - Apr. 18, 2004	5	1	One male per permit	Grand County - One mile either side of the Colorado and Dolores rivers from the Colorado state line to Dewey Bridge.
Colorado River (B)*	114 514	Apr. 19 - May 2, 2004	5	1	One male per permit	
Colorado River (C)*	115 515	May 3 - May 31, 2004	5	1	One male per permit	

*Hunts comprised of all or largely private property. Before applying for the hunt, hunters should obtain written permission from the landowner to access private property.

Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2004 (cont.).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Duchesne County (Early)	116 516	Apr. 17 - Apr. 30, 2004	10	2	One male per permit	Duchesne County - All of Duchesne County, except the Strawberry River drainage above Starvation Reservoir, which is closed.
Duchesne County (Late)	117 517	May 1 - May 14, 2004	10	2	One male per permit	
East Canyon (Early)*	118 518	Apr. 3 - Apr. 16, 2004	10	2	One male per permit	Morgan and Summit counties - Boundary begins at the Henefer/Echo exit on I-84; south on SR-65 to the Morgan County line at Big Mountain; west and north along this county line to I-84; east on I-84 to the Henefer/Echo exit.
East Canyon (Late)*	119 519	Apr. 17 - May 9, 2004	10	2	One male per permit	
Emery County (West)*	120 520	Apr. 3 - May 9, 2004	4	1	One male per permit	Emery County - All of Emery County west of US-6 and north of I-70.
Fillmore, Oak Creek (A)	121 521	Apr. 3 - Apr. 16, 2004	12	2	One male per permit	Millard, Sevier, Sanpete and Juab counties - Boundary begins at I-15 and the Black Rock Road; west on the Black Rock Road to SR-257; north on SR-257 to US-50/6; north on US-50/6 to US-6; northeast on US-6 to SR-132; northeast on SR-132 to I-15; south on I-15 to the Black Rock Road.
Fillmore, Oak Creek (B)	122 522	Apr. 17 - May 7, 2004	12	2	One male per permit	
Fillmore, Oak Creek (C)	123 523	May 8 - May 31, 2004	12	2	One male per permit	
Fillmore, Pahvant (A)	124 524	Apr. 3 - Apr. 16, 2004	20	4	One male per permit	Millard, Juab, Sanpete and Sevier counties - Boundary begins at I-70 and I-15; north on I-15 to SR-28; south on SR-28 to US-89; south on US-89 to I-70; west on I-70 to I-15.
Fillmore, Pahvant (B)	125 525	Apr. 17 - May 7, 2004	20	4	One male per permit	
Fillmore, Pahvant (C)	126 526	May 8 - May 31, 2004	20	4	One male per permit	
Green River (A)*	127 527	Apr. 3 - Apr. 18, 2004	8	2	One male per permit	Emery and Grand counties - Two miles either side of the Green River from the confluence of the Price River to Ten Mile Canyon.
Green River (B)*	128 528	Apr. 19 - May 2, 2004	8	2	One male per permit	
Green River (C)*	129 529	May 3 - May 31, 2004	8	2	One male per permit	
Juab (A)	130 530	Apr. 17 - May 2, 2004	6	1	One male per permit	Juab and Sanpete counties - Boundary begins at Sanpete County line and US-89; south on US-89 to SR-28 (Gunnison); north along SR-28 to I-15; north on I-15 to the Juab County line; southeast on this county line to the Sanpete County line; east on this county line to US-89.
Juab (B)	131 531	May 3 - May 16, 2004	6	1	One male per permit	
Juab (C)	132 532	May 17 - May 31, 2004	6	1	One male per permit	

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Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2004 (cont.).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Kaiparowits	133 533	Apr. 3 - May 9, 2004	8	2	One male per permit	Kane and Garfield counties - Boundary begins at the Paria River and the Utah-Arizona state line; north along the Paria River to SR-12; east on SR-12 to the Burr Trail at Boulder; southeast along the Burr Trail to Lake Powell; southwest along the shore of Lake Powell to the Utah-Arizona state line; west along this state line to the Paria River.
Monroe Mountain (Early)	134 534	Apr. 3 - Apr. 25, 2004	4	1	One male per permit	Piute and Sevier counties - Boundary begins at I-70 and US-89; south on US-89 to SR-62; northeast on SR-62 to SR-24; north on SR-24 to US-89; north on US-89 to I-70.
Monroe Mountain (Late)	135 535	May 1 - May 31, 2004	4	1	One male per permit	
Morgan-South Rich (Early)	136 536	Apr. 3 - Apr. 16, 2004	5	1	One male per permit	Morgan, Rich, and Weber counties - Boundary begins at SR-167 at Mountain Green; north on SR-167 to SR-39; east along SR-39 to SR-16; south and east on SR-16 to the Wyoming state line; south along this state line to I-80; west on I-80 to the Summit County line; west along the county line to the Beaver Dam Hollow Road; west on the Beaver Dam Hollow Road to the Francis Canyon Road; north and west on the Francis Canyon Road to the Lost Creek Road; south and west on the Lost Creek Road to I-84; west on I-84 to SR-167.
Morgan-South Rich (Late)	137 537	Apr. 17 - May 9, 2004	5	1	One male per permit	
Mount Dutton	138 538	Apr. 3 - May 9, 2004	7	1	One male per permit	Garfield and Piute counties - Boundary begins at US-89 and SR-62; south on US-89 to SR-12; east on SR-12 to the Widtsoe-Antimony road; north on the Widtsoe-Antimony road to SR-22; north on SR-22 to SR-62; west on SR-62 to US-89.
Ogden (Cache County Part)*	139 539	Apr. 3 - May 9, 2004	5	1	One male per permit	Cache and Box Elder counties - Boundary begins at Hyrum and SR-101; east on SR-101 to the Ant Flat Road (Hardware Ranch); south on this road to the Cache-Weber county line; west on this county line to I-15; north on I-15 to Exit 364 and US-91; northeast on US-91 to SR-101; east on SR-101 to Hyrum.
Ogden (South) (Early)*	140 540	Apr. 3 - Apr. 16, 2004	20	4	One male per permit	Weber County - Boundary begins at I-15 and the Weber-Box Elder county line; south on I-15 to I-84; east on I-84 to Mountain Green and SR-167 (Trappers Loop Road); north on SR-167 to SR-39; east on SR-39 to the Ant Flat Road; north on the Ant Flat Road to the Weber-Cache county line; west on this county line to Weber-Box Elder county line; west on this county line to I-15. These hunts exclude the Middle Fork Wildlife Management Area.
Ogden (South) (Late)*	141 541	Apr. 17 - May 9, 2004	20	4	One male per permit	
Ogden, Middle Fork Wildlife Mgmt Area	142 NA	Apr. 3 -May 9, 2004	5	0	One male per permit	Weber County - The hunt boundary is the Middle Fork Wildlife Management Area. Maps are available at the DWR Northern Region Office, Ogden.
Oquirrh Mountains (Early)*	143 543	Apr. 24 - May 9, 2004	12	2	One male per permit	Salt Lake, Tooele, and Utah counties - Boundary begins at I-80 and I-15 in Salt Lake County; south on I-15 to SR-73; west on SR-73 to SR-36; north on SR-36 to I-80; east on I-80 to I-15.
Oquirrh Mountains (Late)*	144 544	May 15 - May 31, 2004	12	2	One male per permit	
Paunsaugunt (Early)	145 545	Apr. 10 - Apr. 25, 2004	10	2	One male per permit	Garfield and Kane counties - Boundary begins at US-89A and the Utah-Arizona state line; north on US-89A to US-89; north on US-89 to SR-12; east on SR-12 to the Paria River; south along the Paria River to the Utah-Arizona state line; west along the state line to US-89A.
Paunsaugunt (Late)	146 546	May 1 - May 31, 2004	17	3	One male per permit	
Panguitch Lake	147 547	Apr. 3 -May 9, 2004	8	2	One male per permit	Garfield, Iron, and Kane counties - Boundary begins at SR-14 and US-89; north on US-89 to SR-20; west on SR-20 to I-15; south on I-15 to SR-143; south on SR-143 to SR-148; south on SR-148 to SR-14; east on SR-14 to US-89.

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Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2004 (cont.).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Pine Valley (A)*	148 548	Apr. 3 - Apr. 16, 2004	30	6	One male per permit	Iron and Washington counties - Boundary begins at I-15 and the Utah-Arizona state line; north on I-15 to SR-56; west on SR-56 to the Lund Highway; northwest along the Lund Highway to the Union Pacific Railroad tracks at Lund; southwest on the Union Pacific Railroad tracks to the Utah-Nevada state line; south on this state line to the Utah-Arizona state line; east on this state line to I-15.
Pine Valley (B)*	149 549	Apr. 17 - May 7, 2004	30	6	One male per permit	
Pine Valley (C)*	150 550	May 8 - May 31, 2004	30	6	One male per permit	
Southwest Desert	151 551	Apr. 3 - May 9, 2004	5	1	One male per permit	Beaver, Iron, and Millard counties - Boundary begins at US-50/6 and the Utah-Nevada state line; east on US-50/6 to SR-257; south on SR-257 to SR-21; south on SR-21 to SR-130; south on SR-130 to I-15; south on I-15 to SR-56; west on SR-56 to the Lund Highway; northwest on the Lund Highway to the Union Pacific Railroad tracks; southwest on the Union Pacific Railroad tracks to the Utah-Nevada state line; north on this state line to US-50/6.
Stansbury Mountains (Early)	152 552	Apr. 24 - May 9, 2004	8	2	One male per permit	Tooele County - Beginning at the junction of SR-36 and US-112; south on SR-36 to the Pony Express Road; west on this road to the Dugway Road; north on this road to SR-199 near Dugway; east on SR-199 to SR-196 (Skull Valley Road); north on SR-196 to I-80; east on I-80 to SR-138; southeast on SR-138 to US-112 to SR-36.
Stansbury Mountains (Late)	153 553	May 15 - May 31, 2004	8	2	One male per permit	
Uintah County (Early)*	154 554	Apr. 10 - Apr. 25, 2004	30	6	One male per permit	Uintah County - All of Uintah County except that portion south of the White River and east of the Green River below the White River confluence.
Uintah County (Late)*	155 555	Apr. 26 - May 9, 2004	30	6	One male per permit	
Utah County North (A)	156 556	Apr. 17 - May 2, 2004	20	4	One male per permit	Utah County - That part of Utah County east of I-15 and north of US-6.
Utah County North (B)	157 557	May 3 - May 16, 2004	20	4	One male per permit	
Utah County North (C)	158 558	May 17 - May 31, 2004	20	4	One male per permit	
Utah County South (A)	159 559	Apr. 17 - May 2, 2004	10	2	One male per permit	Utah County - That part of Utah County east of I-15 and south of US-6.
Utah County South (B)	160 560	May 3 - May 16, 2004	10	2	One male per permit	
Utah County South (C)	161 561	May 17 - May 31, 2004	10	2	One male per permit	
Wasatch County (Early)	162 562	Apr. 24 - May 9, 2004	7	1	One male per permit	Wasatch County - All of Wasatch County.
Wasatch County (Late)	163 563	May 15 - May 31, 2004	7	1	One male per permit	

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Merriam's Wild Turkey permit numbers season dates, and areas open, Utah 2004 (Turkey Addendum 2004).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Boulder Mountain (Early)	201 601	Apr. 17 - Apr. 28, 2004	50	10	One male per permit	Garfield, Piute and Wayne counties - Boundary begins at SR-24 and SR-62; south on SR-62 to SR-22; south on SR-22 to the Antimony-Widtsoe road; south on the Antimony-Widtsoe road to SR-12; east on SR-12 to the Burr Trail at Boulder; east on the Burr Trail road to the Notom Road; north on the Notom Road to SR-24; west on SR-24 to SR-62.
Boulder Mountain (Late)	202 602	May 1 - May 31, 2004	50	10	One male per permit	
La Sal (Early)	203 603	Apr. 17 - May 2, 2004	20	4	One male per permit	Grand and San Juan counties - Boundary begins at the junction of SR-128 and US-191; then south on US-191 to SR-46; east on SR-46 to the Lisbon Valley Road; southeast on this road to the Island Mesa Road; east on this road to the Utah-Colorado state line; north on this state line to a point one mile south of the Dolores River; west on a line one mile south of the Dolores River to SR-128; southwest on SR-128 to US-191.
La Sal (Late)	204 604	May 5 - May 31, 2004	30	6	One male per permit	
San Juan (Early)	205 605	Apr. 17 - May 2, 2004	35	7	One male per permit	Grand and San Juan counties - Beginning at Moab at the junction of the Colorado River and US-191; then south on US-191 to the Big Indian Road; east on this road to the Lisbon Valley Road; east on this road to the Island Mesa Road; east on this road to the Colorado state line; south on this state line to the Navajo Indian Reservation boundary; west on this boundary to Lake Powell; north on this lake to the Colorado River; north on this river to Moab.
San Juan (Late)	206 606	May 5 - May 31, 2004	50	10	One male per permit	
Zion (Early)*	207 607	Apr. 17 - Apr. 28, 2004	75	15	One male per permit	Garfield, Iron and Kane counties - Boundary begins at SR-14 and US-89; west on SR-14 to SR-148; north on SR-148 to SR-143; north and west on SR-143 to I-15; south on I-15 to the Arizona-Utah state line; east on the Arizona-Utah state line to US-89A; north on US-89A to US-89; north on US-89 to SR-14.
Zion (Late)*	208 608	May 1 - May 31, 2004	100	20	One male per permit	

*Hunts comprised of all or largely private property. Before applying for the hunt, hunters should obtain written permission from the landowner to access private property.

Upland game season dates, bag and possession limits, and areas open, Utah 2005 (Utah Upland Game Proclamation 2005–2006).

Species	Season Dates	Bag Limit	Possession Limit*	Areas Open	Footnotes
Pheasant (Statewide)	Nov. 5 - Nov. 20, 2005	2	2 bag limits	<ul style="list-style-type: none"> Statewide, except closed areas. In Weber County, the Willard Bay WMA, and in Duchesne County, the Mallard Springs WMA will be closed on Saturday, Nov. 12 to general public hunting. A special youth upland game hunt will be conducted on these WMAs on Nov. 12. These areas will reopen to general public hunting on Nov. 13. 	<ul style="list-style-type: none"> Males only may be harvested. Hunting begins at 8:00 a.m. on opening day.
Pheasant (Utah County)	Nov. 5 - Nov. 11, 2005	2	2 bag limits	<ul style="list-style-type: none"> In all of Utah County, except the Powell Slough Wildlife Management Area, the pheasant hunt closes on Nov. 11. 	<ul style="list-style-type: none"> Males only may be harvested. Hunting begins at 8:00 a.m. on opening day. The Goshen Warm Springs WMA in Utah County is closed to upland game hunting.
Pheasant (Extended season)	Nov. 5 - Dec. 4, 2005	2	2 bag limits	<ul style="list-style-type: none"> ***CAUTION*** Not all counties are open for 30 day pheasant hunting. Only the following areas are open: All state and federal land in Carbon, Duchesne, Emery, Grand, Juab, Millard, San Juan, Sanpete, Sevier, Tooele, and Uintah counties (including private land leased by the Division subject to restrictions and closures imposed by administering agencies). The Powell Slough WMA in Utah County. In Emery County, the Huntington WMA, in Millard County, the Pahvant WMA, and in Tooele County, the Carr Fork WMA, will be closed on Saturday, Nov. 12 to general public hunting. A special youth upland game hunt will be conducted on these WMAs on Nov. 12. These areas will reopen to general public hunting on Nov. 13. 	<ul style="list-style-type: none"> Males only may be harvested. Hunting begins at 8:00 a.m. on opening day.
Mourning Dove and White-winged Dove	Sept. 1 - Sept. 30, 2005	10	2 bag limits	<ul style="list-style-type: none"> Statewide, except closed areas. 	<ul style="list-style-type: none"> Eurasian collared-doves, if taken during the dove season, will not count as part of the aggregate dove bag and possession limits. Eurasian collared-doves taken during the dove season should remain unplucked during transport so they can be distinguished from mourning and white-winged doves.

*Possession limit is the number of bag limits one individual may legally possess.

Upland game season dates, bag and possession limits, and areas open, Utah 2005 (cont.).

Species	Season Dates	Bag Limit	Possession Limit*	Areas Open	Footnotes
Band-tailed Pigeon	Sept. 1 - Sept. 30, 2005	5	2 bag limits	<ul style="list-style-type: none"> • Beaver, Garfield, Grand, Iron, Kane, Millard, Piute, San Juan, Sanpete, Sevier, Utah, Washington, and Wayne counties. 	<ul style="list-style-type: none"> • Band-tailed Pigeon permit required.
Chukar Partridge (Statewide)	Sept. 17 - Nov. 30, 2005	5	2 bag limits	<ul style="list-style-type: none"> • Cache, Daggett, Davis, Morgan, Rich, Sanpete, Summit, Wasatch and Weber counties. • Those parts of Beaver, Iron, Juab, Millard, Salt Lake and Utah counties east of I-15. • That part of Box Elder County east of I-15. • That part of Sevier County north of I-70. • In Morgan and Summit counties, the Henefer-Echo WMA will be closed on Saturday, Sept. 10 to general public hunting. A special youth upland game hunt will be conducted on this WMA on Sept. 10. This area will reopen to general public hunting on Sept. 11. 	<ul style="list-style-type: none"> • Antelope Island is closed to upland game hunting.
Chukar Partridge (Box Elder County)	Sept. 17 - Dec. 31, 2005	5	2 bag limits	<ul style="list-style-type: none"> • That part of Box Elder County beginning at the junction of I-15 and SR-83; then west on SR-83 to Lampo Junction; west along the Union Pacific/Central Pacific Railroad Grade to Locomotive Springs; north on the Locomotive Springs-Snowville-Stone, Idaho Road to the Utah-Idaho border; east along this border to I-15; south on I-15 to SR-83. 	
Chukar Partridge (Extended season)	Sept. 17, 2005 - Jan. 31, 2006	5	2 bag limits	<ul style="list-style-type: none"> • Carbon, Duchesne, Emery, Garfield, Grand, Kane, Piute, San Juan, Tooele, Uintah, Washington and Wayne counties. • Those parts of Beaver, Iron, Juab, Millard, Salt Lake and Utah counties west of I-15. • That part of Box Elder County west of I-15 and south of SR-83, south of the Union Pacific/Central Pacific Railroad Grade, and west of the Locomotive Springs-Snowville-Stone, Idaho Road. • That part of Sevier County south of I-70. 	
Forest Grouse (Blue and Ruffed)	Sept. 10 - Nov. 30, 2005	4	2 bag limits	<ul style="list-style-type: none"> • Statewide, except closed areas. 	<ul style="list-style-type: none"> • Limits singly or in aggregate.

*Possession limit is the number of bag limits one individual may legally possess.

Upland game season dates, bag and possession limits, and areas open, Utah 2005 (cont.).

Species	Season Dates	Bag Limit	Possession Limit*	Areas Open	Footnotes
Sage-grouse (West Box Elder County)	Sept. 17 - Sept. 25, 2005			<ul style="list-style-type: none"> Hunt #001-West Box Elder That part of Box Elder County west of the Locomotive Springs-Snowville-Stone, Idaho Road. 	<ul style="list-style-type: none"> Sage-grouse permit required. 602 two-bird permits available.
Sage-grouse (Rich County)	Sept. 17 - Sept. 25, 2005			<ul style="list-style-type: none"> Hunt #002-Rich County All of Rich County. 	<ul style="list-style-type: none"> Sage-grouse permit required. 291 two-bird permits available.
Sage-grouse (Uintah Basin)	Sept. 17 - Sept. 25, 2005			<ul style="list-style-type: none"> Hunt #003-Uintah Basin All of Daggett County except the area beginning on the east shore of Flaming Gorge Reservoir and the Utah/Wyoming state line; east on this state line to the Utah/Colorado state line; south on this state line to the Green River; northwest on the Green River and the east shore of Flaming Gorge Reservoir to the Utah/Wyoming state line. All of Duchesne County north and east of the Duchesne River. All of Grand County north of I-70 to the Book Cliffs Divide Road. All of Uintah County except the area south of US-40 from Roosevelt to the Utah-Colorado state line. 	<ul style="list-style-type: none"> Sage-grouse permit required. 232 two-bird permits available.
Sage-grouse (Parker Mountain)	Sept. 17 - Sept. 25, 2005			<ul style="list-style-type: none"> Hunt #004-Parker Mountain Beginning at the junction of US-89 and I-70 near Sigurd; south on US-89 to SR-24; south on this highway to SR-62; south on this highway to SR-22; south on this highway to Antimony; south on the John's Valley Road through Widtsoe to Bryce Junction and SR-12; east and north on this highway to SR-24; west on this highway to SR-72 at Loa; north on this highway to I-70; west on this highway to US-89. 	<ul style="list-style-type: none"> Sage-grouse permit required. 311 two-bird permits available.
Quail (California and Gambel's)	Nov. 5 - Nov. 22, 2005	5	2 bag limits	<ul style="list-style-type: none"> Box Elder, Carbon, Davis, Grand, Juab, Kane, Millard, Piute, Salt Lake, San Juan, Sevier, Tooele, Utah, and Weber counties. Daggett County is closed. All of Emery County, except the Desert Lake Waterfowl Management Area, which is closed. 	<ul style="list-style-type: none"> Hunting begins at 8 a.m. on opening day.
Quail (California and Gambel's, extended season)	Nov. 5 - Dec. 31, 2005	5	2 bag limits	<ul style="list-style-type: none"> Duchesne, Uintah, and Washington counties. 	<ul style="list-style-type: none"> Hunting begins at 8 a.m. on opening day.

*Possession limit is the number of bag limits one individual may legally possess.

Upland game season dates, bag and possession limits, and areas open, Utah 2005 (cont.).

Species	Season Dates	Bag Limit	Possession Limit*	Areas Open	Notes
Hungarian Partridge (Statewide)	Sept. 17 - Nov. 30, 2005	5	2 bag limits	<ul style="list-style-type: none"> • Cache, Davis, Morgan, Rich, Summit and Weber counties. • That part of Box Elder County east of I-15. • That part of Juab County east of I-15. 	
Hungarian Partridge (Box Elder County)	Sept. 17 - Dec. 31, 2005	5	2 bag limits	<ul style="list-style-type: none"> • That part of Box Elder County beginning at the junction of I-15 and SR-83; west on SR-83 to Lampo Junction; west along the Union Pacific/Central Pacific Railroad Grade to Locomotive Springs; north on the Locomotive Springs-Snowville-Stone, Idaho Road to the Utah-Idaho border; east along this border to I-15; south on I-15 to SR-83. 	
Hungarian Partridge (Extended Season)	Sept. 17, 2005 - Jan. 31, 2006	5	2 bag limits	<ul style="list-style-type: none"> • All of Tooele County. • That part of Box Elder County west of I-15 and south of SR-83, south of the Union Pacific/Central Pacific Railroad Grade, and west of the Locomotive Springs-Snowville-Stone, Idaho Road. • That part of Juab County west of I-15. 	
Sharp-tailed Grouse	Oct. 29 - Nov. 13, 2005	Only 2 birds of either sex may be taken during the entire season.		<ul style="list-style-type: none"> • That part of Box Elder County beginning at the junction of I-15 and SR-83; then west on SR-83 to Lampo Junction; west along the Union Pacific/Central Pacific Railroad Grade to Locomotive Springs; north on the Locomotive Springs-Snowville-Stone, Idaho Road to the Utah-Idaho border; east along this border to I-15; south on I-15 to SR-83. 	<ul style="list-style-type: none"> • Sharp-tailed Grouse permit required. • 330 two-bird permits available. • This hunt is comprised of all or largely private property. Hunters should acquire written permission from the landowner before applying for this hunt.
White-tailed Ptarmigan	Aug. 27 - Oct. 15, 2005	4	2 bag limits	<ul style="list-style-type: none"> • Daggett, Duchesne, Summit and Uintah counties. 	<ul style="list-style-type: none"> • White-tailed Ptarmigan permit required.
Cottontail Rabbit	Sept. 17, 2005 - Feb. 28, 2006	10	2 bag limits	<ul style="list-style-type: none"> • Statewide, except closed areas. 	
Snowshoe Hare	Sept. 17, 2005 - Feb. 28, 2006	5	2 bag limits	<ul style="list-style-type: none"> • Statewide, except closed areas. 	
Jackrabbit (white-tailed and black-tailed)				Jackrabbits are not protected in Utah. They may be hunted without a license, year-round.	

*Possession limit is the number of bag limits one individual may legally possess.

Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2005 (Turkey Addendum 2005).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Beaver (A)	101 501	Apr. 9 - Apr. 17, 2005	29	6	One bearded turkey	
Beaver (B)	102 502	Apr. 18 - May 6, 2005	29	6	One bearded turkey	Beaver, Garfield, Iron, Millard, and Piute counties - Boundary begins at I-15 and I-70; east on I-70 to US-89; south on US-89 to SR-20; west on SR-20 to I-15; north on I-15 to I-70.
Beaver (C)	103 503	May 7 - May 31, 2005	29	6	One bearded turkey	
Beaver (West)	104 504	Apr. 9 - May 31, 2005	4	1	One bearded turkey	Beaver, Iron, and Millard counties - Boundary begins at I-15 and SR-130; north on SR-130 to SR-21; north on SR-21 to SR-257; north on SR-257 to the Black Rock Road; east on this road to I-15; south on I-15 to SR-130.
Book Cliffs (South)	105 505	Apr. 9 - May 31, 2005	6	1	One bearded turkey	Grand and Uintah counties - Boundary begins at I-70 and Floy Canyon (Exit 173); northeast up this canyon to the Book Cliffs Divide; east on this divide to the Utah-Colorado state line; south on this state line to I-70; west on I-70 to Floy Canyon (Exit 173).
Cache (Early)*	106 506	Apr. 9 - Apr. 29, 2005	44	9	One bearded turkey	Cache County - Boundary begins at the Box Elder-Weber county line and I-15; north on I-15 to exit 368 (Corinne); west on SR-13/83 to SR-102; north and east on SR-102 to I-84; east on I-84 to I-15; north on I-15 to the Utah-Idaho state line; east on this state line to the Utah-Wyoming state line; south on this state line to SR-16; north and west on SR-16 to SR-39; west on this county line to the Box Elder-Weber county line; west on this county line to I-15.
Cache (Late)*	107 507	Apr. 30- May 31, 2005	44	9	One bearded turkey	
Caineville	108 508	Apr. 9 - May 31, 2005	6	1	One bearded turkey	Wayne County - Boundary is one mile either side of the Fremont River from Capitol Reef National Park to Hanksville.
Carbon County (West)	109 509	Apr. 9 - May 31, 2005	3	1	One bearded turkey	Carbon County - Boundary is all of Carbon County south of the Nine Mile Canyon Road west of Argyle Canyon.
Central Mountains, West Manti	110 510	Apr. 9 - May 31, 2005	14	3	One bearded turkey	Sanpete, Sevier, and Utah counties - Boundary begins at the junction of US-89 and US-6 in Spanish Fork Canyon; southeast on US-6 to SR-96; south on SR-96 to SR-264; west on SR-264 to SR-31; west on SR-31 to Skyline Road; south on this road to I-70; west on I-70 to US-89 at Salina; north on US-89 to US-6 in Spanish Fork Canyon.
Central Mountains, Nebo (A)	111 511	Apr. 9 - Apr. 17, 2005	32	6	One bearded turkey	
Central Mountains, Nebo (B)	112 512	Apr. 18 - May 6, 2005	31	6	One bearded turkey	Juan, Sanpete, and Utah counties - Boundary begins at the junction of I-15 and US-6 at Spanish Fork; southeast on US-6 to US-89; south on US-89 to SR-28; north on SR-28 to I-15; north on I-15 to US-6 at Spanish Fork.
Central Mountains, Nebo (C)	113 513	May 7 - May 31, 2005	31	6	One bearded turkey	

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Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2005 (cont.).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Central Region (West) (Early)	114 514	Apr. 9 - Apr. 29, 2005	41	8	One bearded turkey	Juan, Salt Lake, Tooele, and Utah counties - Boundary begins at I-80 and I-15 in Salt Lake County; south on I-15 to Nephi and SR-132; west on SR-132 to US-6 at Lynndyl; north on US-6 to the Sand Dunes Road at Jericho Junction; west on this road passing north of Desert Mountain to the Old Riverbed Road; northwest on this road to the Pony Express Road; west on this road to the Dugway Valley Road (Pismire Wash); south on this road to the Juab-Millard county line; west on this county line to the Utah-Nevada state line; north on this state line to I-80; east on I-80 to the junction of I-15 in Salt Lake County.
Central Region (West) (Late)	115 515	Apr. 30- May 31, 2005	41	8	One bearded turkey	
Chalk Creek (Early)	116 516	Apr. 9 - Apr. 29, 2005	20	4	One bearded turkey	Duchesne and Summit counties - Boundary begins at the junction of I-84 and I-80 near Echo; northeast on I-80 to the Utah-Wyoming state line; southeast on this state line to SR-150; south on SR-150 to Pass Lake and the Weber River Trail; west on this trail to Holiday Park and the Weber River Road; west on this road to SR-32; northwest on SR-32 to I-80 and Wanship; north on I-80 to I-84 near Echo.
Chalk Creek (Late)	117 517	Apr. 30- May 31, 2005	19	4	One bearded turkey	
Colorado River (A)*	118 518	Apr. 9 - Apr. 17, 2005	12	2	One bearded turkey	
Colorado River (B)*	119 519	Apr. 18 - May 6, 2005	12	2	One bearded turkey	Grand County - Boundary is one mile either side of the Colorado and Dolores rivers from the Utah-Colorado state line to Dewey Bridge.
Colorado River (C)*	120 520	May 7 - May 31, 2005	11	2	One bearded turkey	
East Canyon (Early)*	121 521	Apr. 9 - Apr. 29, 2005	20	4	One bearded turkey	Morgan and Summit counties - Boundary begins at I-84 (Henefer-Echo exit) and SR-65; south on SR-65 to the Morgan County line at Big Mountain; west and north along this county line to I-84; east on I-84 to SR-65 (Henefer/Echo exit).
East Canyon (Late)*	122 522	Apr. 30- May 31, 2005	19	4	One bearded turkey	
Emery County (West)*	123 523	Apr. 9 - May 31, 2005	4	1	One bearded turkey	Emery County - Boundary is all of Emery County west of US-6 and north of I-70.
Fillmore, Oak Creek (A)	124 524	Apr. 9 - Apr. 17, 2005	17	3	One bearded turkey	Juab, Millard, Sanpete, and Sevier counties - Boundary begins at I-15 and the Black Rock Road; west on this road to SR-257; north on SR-257 to US-50/6; north on US-50/6 to US-6; northeast on US-6 to SR-132; northeast on SR-132 to I-15; south on I-15 to the Black Rock Road.
Fillmore, Oak Creek (B)	125 525	Apr. 18 - May 6, 2005	16	3	One bearded turkey	
Fillmore, Oak Creek (C)	126 526	May 7 - May 31, 2005	16	3	One bearded turkey	

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Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2005 (cont.).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Fillmore, Pahvant (A)	127 527	Apr. 9 - Apr. 17, 2005	28	6	One bearded turkey	
Fillmore, Pahvant (B)	128 528	Apr. 18 - May 6, 2005	28	6	One bearded turkey	Juab, Millard, Sanpete and Sevier counties - Boundary begins at I-70 and I-15; north on I-15 to SR-28; south on SR-28 to US-89; south on US-89 to I-70; west on I-70 to I-15.
Fillmore, Pahvant (C)	129 529	May 7 - May 31, 2005	27	5	One bearded turkey	
Green River (A)*	130 530	Apr. 9 - Apr. 17, 2005	17	3	One bearded turkey	
Green River (B)*	131 531	Apr. 18 - May 6, 2005	16	3	One bearded turkey	Emery and Grand counties - Boundary is two miles either side of the Green River from the confluence of the Price River to Ten Mile Canyon.
Green River (C)*	132 532	May 7 - May 31, 2005	16	3	One bearded turkey	
Kaiparowits (Early)	133 533	Apr. 9 - Apr. 29, 2005	8	2	One bearded turkey	Garfield and Kane counties - Boundary begins at the Utah-Arizona state line and the Paria River; north on this river to SR-12; east on SR-12 to the Burr Trail at Boulder; southeast on this road to Lake Powell; southwest on the shore of Lake Powell to the Utah-Arizona state line; west on this state line to the Paria River.
Kaiparowits (Late)	134 534	Apr. 30 - May 31, 2005	8	2	One bearded turkey	
Monroe Mountain (Early)	135 535	Apr. 9 - Apr. 29, 2005	8	2	One bearded turkey	Piute and Sevier counties - Boundary begins at I-70 and US-89 north of Sigurd; south on US-89 to SR-24; south on SR-24 to SR-62; south and west on SR-62 to US-89; north on US-89 to I-70 near Sevier; north on I-70 to US-89 north of Sigurd.
Monroe Mountain (Late)	136 536	Apr. 30 - May 31, 2005	7	1	One bearded turkey	
Morgan-South Rich (Early)*	137 537	Apr. 9 - Apr. 29, 2005	10	2	One bearded turkey	Morgan, Rich, and Weber counties - Boundary begins at SR-167 at Mountain Green; north on SR-167 to SR-39; east on SR-39 to SR-16; south and east on SR-16 to the Utah-Wyoming state line; south on this state line to I-80; west on I-80 to the Summit County line; west on this county line to the Beaver Dam Hollow Road; west on this road to the Francis Canyon Road; north and west on this road to the Lost Creek Road; south and west on this road to I-84; west on I-84 to SR-167.
Morgan-South Rich (Late)*	138 538	Apr. 30 - May 31, 2005	9	2	One bearded turkey	
Mount Dutton (Early)	139 539	Apr. 9 - Apr. 29, 2005	7	1	One bearded turkey	Garfield and Piute counties - Boundary begins at US-89 and SR-62; south on US-89 to SR-12; east on SR-12 to the Widtsoe-Antimony road; north on this road to SR-22; north on SR-22 to SR-62; west on SR-62 to US-89.
Mount Dutton (Late)	140 540	Apr. 30 - May 31, 2005	7	1	One bearded turkey	
Northeastern Region Private Lands (A)*	141 541	Apr. 9 - Apr. 15, 2005	24	5	One bearded turkey	
Northeastern Region Private Lands (B)*	142 542	Apr. 16 - Apr. 26, 2005	24	5	One bearded turkey	

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Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2005 (cont.).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Northeastern Region Private Lands (A)*	141 541	Apr. 9 - Apr. 15, 2005	24	5	One bearded turkey	Carbon, Daggett, Duchesne, Grand, Summit, Uintah, Utah and Wasatch counties - Boundary begins at the Utah-Wyoming state line and USFS Road 221 (Birch Creek); south on this road to USFS Road 058; west on this road to the Wasatch-Ashley National Forest boundary; south on this boundary to the Duchesne-Summit county line (summit of the Uinta Mountains); west on this county line to SR-150 at Hayden Pass; southwest on SR-150 to USFS Road 037 (Soapstone Basin Road); south on this road to SR-35; west on SR-35 to USFS Road 054 (Mill Hollow Road); southwest on this road to USFS 083 (Lake Creek Road); southeast on this road across Roundy Basin to the new Co-op Creek Road; south on this road to US-40; east on US-40 to the Soldier Creek Dam Road; south on this road to the Strawberry River; east on this river to Beaver Canyon; southwest on this canyon to Big Beaver Springs Road; southwest on this road to Reservation Ridge Road; south and east on this road US-191; northeast on US-191 to Argyle Canyon Road; southeast on this road to Nine Mile Canyon Road; east to the end of Nine Mile Canyon Road to Nine Mile Creek; east on this creek to its confluence with the Green River; south on this river to Swasey Beach Boat Ramp and Hastings Road; south on this road to Exit 162 road of I-70; south and east on the Exit 162 road to I-70; east on I-70 to the Colorado-Utah state line; north on this state line to the Utah-Wyoming state line; west on this state line to USFS Road 221 (Birch Creek).
Northeastern Region Private Lands (B)*	142 542	Apr. 16 - Apr. 26, 2005	24	5	One bearded turkey	
Northeastern Region Private Lands (C)*	143 543	Apr. 27 - May 11, 2005	24	5	One bearded turkey	
Northeastern Region Private Lands (D)*	144 544	May 14 - May 31, 2005	24	5	One bearded turkey	
Northeastern Region Public Lands (A)	145 545	Apr. 16 - Apr. 24, 2005	8	2	One bearded turkey	Carbon, Daggett, Duchesne, Grand, Summit, Uintah, Utah and Wasatch counties - Boundary begins at the Utah-Wyoming state line and USFS Road 221 (Birch Creek); south on this road to USFS Road 058; west on this road to the Wasatch-Ashley National Forest boundary; south on this boundary to the Duchesne-Summit county line (summit of the Uinta Mountains); west on this county line to SR-150 at Hayden Pass; southwest on SR-150 to USFS Road 037 (Soapstone Basin Road); south on this road to SR-35; west on SR-35 to USFS Road 054 (Mill Hollow Road); southwest on this road to USFS 083 (Lake Creek Road); southeast on this road across Roundy Basin to the new Co-op Creek Road; south on this road to US-40; east on US-40 to the Soldier Creek Dam Road; south on this road to the Strawberry River; east on this river to Beaver Canyon; southwest on this canyon to Big Beaver Springs Road; southwest on this road to Reservation Ridge Road; south and east on this road US-191; northeast on US-191 to Argyle Canyon Road; southeast on this road to Nine Mile Canyon Road; east to the end of Nine Mile Canyon Road to Nine Mile Creek; east on this creek to its confluence with the Green River; south on this river to Swasey Beach Boat Ramp and Hastings Road; south on this road to Exit 162 road of I-70; south and east on the Exit 162 road to I-70; east on I-70 to the Colorado-Utah state line; north on this state line to the Utah-Wyoming state line; west on this state line to USFS Road 221 (Birch Creek).
Northeastern Region Public Lands (B)	146 546	Apr. 25 - May 8, 2005	8	2	One bearded turkey	
Northeastern Region Public Lands (C)	147 547	May 9 - May 31, 2005	8	2	One bearded turkey	
Ogden (South) (Early)*	148 548	Apr. 9 - Apr. 29, 2005	29	6	One bearded turkey	Weber County - Boundary begins at the Box Elder-Weber county line and I-15; south on I-15 to I-84; east on I-84 to Mountain Green and SR-167 (Trappers Loop Road); north on SR-167 to SR-39; east on SR-39 to USFS Road 054 (Ant Flat Road); north on this road to the Cache-Weber county line; west on this county line to the Box Elder-Weber county line; west on this county line to I-15. Ogden (South) (Early) excludes the Middle Fork Wildlife Management Area. Ogden (South) (Late) includes the Middle Fork Wildlife Management Area.
Ogden (South) (Late)*	149 549	Apr. 30 - May 31, 2005	39	8	One bearded turkey	

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Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2005 (cont.).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Paunsaugunt (A)	150 550	Apr. 9 - Apr. 17, 2005	13	3	One bearded turkey	
Paunsaugunt (B)	151 551	Apr. 18 - May 6, 2005	19	4	One bearded turkey	Garfield and Kane counties - Boundary begins at US-89A and the Utah-Arizona state line; north on US-89A to US-89; north on US-89 to SR-12; east on SR-12 to the Paria River; south on this river to the Utah-Arizona state line; west on this state line to US-89A.
Paunsaugunt (C)	152 552	May 7 - May 31, 2005	19	4	One bearded turkey	
Panguitch Lake (Early)	153 553	Apr. 9 - Apr. 29, 2005	8	2	One bearded turkey	
Panguitch Lake (Late)	154 554	Apr. 30 - May 31, 2005	7	1	One bearded turkey	Garfield, Iron, and Kane counties - Boundary begins at SR-14 and US-89; north on US-89 to SR-20; west on SR-20 to I-15; south on I-15 to SR-143; south on SR-143 to SR-148; south on SR-148 to SR-14; east on SR-14 to US-89.
Pine Valley (A)*	155 555	Apr. 9 - Apr. 17, 2005	39	8	One bearded turkey	Iron and Washington counties - Boundary begins at I-15 and the Utah-Arizona state line; north on I-15 to SR-56; west on SR-56 to the Lund Highway; northwest on this highway to the Union Pacific Railroad tracks at Lund; southwest on these tracks to the Utah-Nevada state line; south on this state line to the Utah-Arizona state line; east on this state line to I-15.
Pine Valley (B)*	156 556	Apr. 18 - May 6, 2005	38	8	One bearded turkey	
Pine Valley (C)*	157 557	May 7 - May 31, 2005	38	8	One bearded turkey	
Plateau, Fishlake (Early)	158 558	Apr. 9 - Apr. 29, 2005	5	1	One bearded turkey	Piute, Sevier, and Wayne counties - Boundary begins at I-70 and US-89 north of Sigurd; south on US-89 to SR-24; south on SR-24 to SR-72; north on SR-72 to I-70; west on I-70 to US-89 north of Sigurd.
Plateau, Fishlake (Late)	159 559	Apr. 30 - May 31, 2005	5	1	One bearded turkey	
Plateau, Thousand Lakes	160 560	Apr. 9 - May 31, 2005	5	1	One bearded turkey	Emery, Sevier, and Wayne counties - Boundary begins at the junction of SR-24 and SR-72; east on SR-24 to Caineville and the Caineville-Fremont Junction Road; north on this road to the junction of I-70 and SR-72; south on SR-72 to SR-24.
Southwest Desert	161 561	Apr. 9 - May 31, 2005	5	1	One bearded turkey	Beaver, Iron, and Millard counties - Boundary begins at the Utah-Nevada state line and US-50/6; east on US-50/6 to SR-257; south on SR-257 to SR-21; south on SR-21 to SR-130; south on SR-130 to I-15; south on I-15 to SR-56; west on SR-56 to the Lund Highway; northwest on this highway to the Union Pacific Railroad tracks; southwest on these tracks to the Utah-Nevada state line; north on this state line to US-50/6.

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Rio Grande Wild Turkey permit numbers season dates, and areas open, Utah 2005 (cont.).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Utah County North (A)	162 562	Apr. 9 - Apr. 17, 2005	47	9	One bearded turkey	
Utah County North (B)	163 563	Apr. 18 - May 6, 2005	47	9	One bearded turkey	Utah County - Boundary is that part of Utah County east of I-15 and north of US-6.
Utah County North (C)	164 564	May 7 - May 31, 2005	46	9	One bearded turkey	
Wasatch County (Early)	165 565	Apr. 9 - Apr. 29, 2005	16	3	One bearded turkey	Wasatch County - Boundary begins at the Wasatch County line and USFS 037 (Soapstone Basin Road); south on this road to SR-35; east on SR-35 to USFS Road 054 (Mill Hollow Road); southwest on this road to USFS Road 083 (Lake Creek Road); southeast on this road across Roundy Basin to the new Co-op Creek Road; south on this road to US-40; east on US-40 to the Soldier Creek Dam Road; south on this road to the Strawberry River; east on this river to Beaver Canyon; southwest on this canyon to Big Beaver Springs Road; southwest on this road to the Reservation Ridge Road; south and east on this road to the Wasatch County line; west, north, and east on this county line to USFS Road 037 (Soapstone Basin Road).
Wasatch County (Late)	166 566	Apr. 30 - May 31, 2005	15	3	One bearded turkey	

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Merriam's Wild Turkey permit numbers season dates, and areas open, Utah 2005 (Turkey Addendum 2005).

Unit Name	Hunt #	Season Dates	Public Permits	Landowner Permits	Season Limit	Areas Open
Boulder Mountain (A)	201 601	Apr. 16 - Apr. 24, 2005	40	8	One male per permit	Garfield, Piute and Wayne counties - Boundary begins at SR-24 and SR-62; south on SR-62 to SR-22; south on SR-22 to the Antimony-Widtsoe road; south on this road to SR-12; east on SR-12 to the Burr Trail Road at Boulder; east on this road to the Notom Road; north on the Notom Road to SR-24; west on SR-24 to SR-62.
Boulder Mountain (B)	202 602	Apr. 25 - May 8, 2005	40	8	One male per permit	
Boulder Mountain (C)	203 603	May 9 - May 31, 2005	40	8	One male per permit	
La Sal (A)	204 604	Apr. 16 - Apr. 24, 2005	19	4	One male per permit	Grand and San Juan counties - Boundary begins at the junction of SR-128 and US-191; south on US-191 to SR-46; east on SR-46 to the Lisbon Valley Road; southeast on this road to the Island Mesa Road; east on this road to the Utah-Colorado state line; north on this state line to a point one mile south of the Dolores River; west on a line one mile south of the Dolores River to SR-128; southwest on SR-128 to US-191.
La Sal (B)	205 605	Apr. 25 - May 8, 2005	19	4	One male per permit	
La Sal (C)	206 606	May 9 - May 31, 2005	29	6	One male per permit	
San Juan (A)	207 607	Apr. 16 - Apr. 24, 2005	29	6	One male per permit	Grand and San Juan counties - Boundary begins at the junction of the Colorado River and US-191; south on US-191 to the Big Indian Road; east on this road to the Lisbon Valley Road; east on this road to the Island Mesa Road; east on this road to the Colorado state line; south on this state line to the Navajo Indian Reservation boundary; west on this boundary to Lake Powell; north on this lake to the Colorado River; north on this river to the junction of the Colorado River and US-191.
San Juan (B)	208 608	Apr. 25 - May 8, 2005	28	6	One male per permit	
San Juan (C)	209 609	May 9 - May 31, 2005	48	10	One male per permit	
Zion (A)*	210 610	Apr. 16 - Apr. 24, 2005	65	13	One male per permit	Garfield, Iron and Kane counties - Boundary begins at US-89 and SR-14; west on SR-14 to SR-148; north on SR-148 to SR-143; north and west on SR-143 to I-15; south on I-15 to the Arizona-Utah state line; east on this state line to US-89A; north on US-89A to US-89; north on US-89 to SR-14.
Zion (B)*	211 611	Apr. 25 - May 8, 2005	72	14	One male per permit	
Zion (C)*	212 612	May 9 - May 31, 2005	72	14	One male per permit	

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APPENDIX D

HUNTER HARVEST SURVEY RESPONSE SUMMARY

Upland game harvest mail questionnaire returns, Utah 1962–2005.

Year	Questionnaires mailed	Total surveys returned	% returned	Total usable returns	% usable	% of permittees who did not hunt
1962	10,068	4,122	40.9	3,433	34.1	22.0
1963	11,058	5,062	45.8	4,325	39.1	21.0
1964	10,718	4,840	45.2	4,180	39.0	23.0
1965	11,917	6,232	52.3	—	—	34.0
1966	13,131	5,734	43.7	5,734	43.7	34.6
1967	12,012	5,764	48.0	5,764	48.0	25.1
1968	14,068	6,138	43.6	6,138	43.6	25.6
1969	15,036	6,429	42.8	6,429	42.8	28.0
1970	14,730	6,639	45.1	6,639	45.1	38.8
1971	15,149	—	43.2	—	—	—
1972	15,272	—	—	6,399	41.9	—
1973	17,572	—	—	7,999	45.5	—
1974	27,379	9,157	33.4	8,027	29.3	—
1975	26,657	10,880	40.8	9,132	34.3	—
1976	21,250	7,889	37.1	6,226	29.3	—
1977	20,984	9,329	44.5	8,099	38.6	—
1978	24,733	7,575	30.6	6,529	26.4	—
1979	27,616	10,498	38.0	9,274	33.6	26.4
1980	27,952	9,857	35.3	8,496	30.4	33.1
1981	13,925	7,941	57.0	6,367	45.7	31.4
1982	22,609	10,167	45.0	8,734	38.6	27.0
1983	23,430	10,324	44.1	9,497	40.5	28.7
1984	12,026	6,455	53.7	6,324	52.6	31.1
1985	10,772	5,904	54.8	5,843	54.2	35.2
1986	11,103	5,329	48.0	5,256	47.3	34.2
1987	10,022	4,294	42.8	4,272	42.6	30.1
1988	15,350	6,650	43.3	6,527	42.5	35.6
1989	12,894	5,135	39.8	5,105	39.6	36.7
1990	12,236	5,264	43.0	5,175	42.3	39.1
1991	15,054	6,419	42.6	6,212	41.3	42.7
1992	16,472	6,207	37.7	5,977	36.3	45.0
1993	16,534	6,293	38.1	5,442	32.9	42.6
1994	15,526	5,433	35.0	5,131	33.0	45.1
1995	14,777	4,951	33.5	4,866	32.9	41.7
1996	14,088	4,090	29.0	4,028	28.6	36.2
1997	13,689	4,488	32.8	4,338	31.7	40.0
1998	14,497	5,536	38.2	3,862	26.6	43.5
1999	14,630	6,082	41.6	5,426	37.1	39.6
2000	14,181	5,020	35.4	4,555	32.1	37.4
2001	—	2,500	—	—	—	43.6
2002	—	2,501	—	—	—	40.9
2003	—	2,500	—	—	—	35.3
2004	—	2,500	—	—	—	42.2
2005	—	2,500	—	—	—	33.6

*The mail questionnaire survey was replaced by a hunter harvest telephone survey in 2001