

# Connecticut Wild Turkey Program

## Five-Year Report

2011-2015



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**Photo by** Chris Hlavac of his son CJ Hlavac with a gobbler he harvested during the Spring Junior Turkey Hunter Training Days.



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# Table of Contents

Introduction.....	3
2011-2015 Spring Gobbler Season .....	3
2011-2015 Spring Turkey Hunter Survey Results .....	8
2011-2015 Fall Archery Turkey Season .....	8
2011-2015 Fall Firearms Turkey Season .....	10
Turkey Brood Survey Information.....	11
Summary .....	12
Appendix A. Spring turkey harvest from state-owned and managed lands, 2011-2015.....	13
Appendix B. Connecticut spring wild turkey harvest by town, 2011–2015 .....	15
Appendix C. Fall wild turkey archery harvest by town, 2011-2015 .....	19
Appendix D. Connecticut wild turkey hunting, 1981-2015.....	22

## List of Tables

Table 1	Harvest and success rates of Connecticut’s spring turkey hunters on private and state land, 2011-2015.
Table 2	Turkeys harvested during the spring 2011-2015 seasons by Turkey Management Zone.
Table 3	Turkeys harvested by sex and age, spring 2011-2015.
Table 4	Spring turkey hunter survey results, 2011-2015.
Table 5	Percentage of spring hunter survey respondents hunting in each Turkey Management Zone, 2011-2015.
Table 6	Harvest by sex and age for the fall archery seasons, 2011-2015.
Table 7	Fall archery harvest by zone, 2011-2015.
Table 8	Harvest by sex and age for the fall firearms turkey seasons, 2011-2015.
Table 9	Fall firearms turkey harvest by zone, 2011-2015.
Table 10	Turkey brood survey results, 2011-2015

## List of Figures

Figure 1	Distribution map of the 2011-2015 spring turkey harvest in Connecticut.
Figure 2	Turkeys harvested during the spring 2011-2015 seasons by Turkey Management Zone.
Figure 3	Map of Connecticut’s 13 Turkey Management Zones.
Figure 4	Ratio of juvenile to adult gobblers taken during Connecticut’s spring wild turkey seasons, 2011–2015.

## **Introduction**

The goal of the Connecticut Wild Turkey Management Program is to manage wild turkey populations at levels compatible with available habitat and various land uses, and to allow for a sustained yield of turkeys for use by the people of Connecticut. Wild turkeys continue to be abundant throughout the state, providing the public with wildlife viewing and hunting opportunities.

Harvest and brood survey information during this period and since 2003 have indicated that Connecticut's wild turkey population may have experienced a downward trend. These declines may be attributed to spring weather conditions and potential increases in predators. During spring seasons with wet and cold conditions, survival of poults and nesting hens declined, resulting in reductions in productivity. The Department has also documented an increase in bobcats and black bears, which may be negatively impacting the wild turkey population. Despite the declines, the overall wild turkey population remains relatively abundant.

During 2011 to 2015, several changes were implemented to the turkey management program. Changes included: lengthening the Junior Hunter Training Days from two Saturdays to an entire week (2014); allowing the use of dogs for turkey hunting during the fall firearms season (2014); and modifying the turkey hunting permit structure (2011). A Firearms Supersport License was developed to provide an economical means of purchasing a license package rather than single permits (2011). A consequence of this change was that it reduced the ability to track turkey hunter numbers over time. Some individuals purchased a Firearms Supersport License for the financial savings but were not participating turkey hunters, thus creating an over-estimation of turkey hunter numbers.

This report presents a summary of the spring 2011 through fall 2015 wild turkey hunting seasons in Connecticut. For most Connecticut sportsmen, "turkey hunting" means spring gobbler hunting. Because of its popularity, information and data for the 2011-2015 spring seasons are presented first.

## **2011-2015 Spring Gobbler Seasons**

### **Overall Results**

Over the course of the 2011-2015 spring turkey seasons, a total of 44,049 spring turkey permits (state and private land) were issued and 6,386 birds were harvested. The average success rate for the 2011-2015 spring turkey seasons was 9.7%. Harvests remained fairly stable, with a high of 1,424 birds in 2011 to a low of 1,118 birds in 2014 (Table 1).

### **Private Land Hunting**

Private land hunting accounted for the majority of the harvest (83%). Success rates are higher on private land than state land because private land encompasses the largest amount of land open to turkey hunting in Connecticut, as well as the best turkey habitat. Private land also has lower hunter densities and may be hunted by more experienced hunters. Private land permits were issued to 33,445 individuals who were eligible to hunt on any lands for which they obtained written permission from the landowner. Private land turkey hunters had an average success rate of 10.7% based on data from the 2011-2015 spring turkey seasons (Table 1).

### **State Land Hunting**

A total of 10,604 permits were issued for state land areas for the 2011-2015 spring turkey seasons. Over the course of the five spring turkey seasons, hunters on state lands had an average success rate of 7.8% (Table 1). Of the state-managed properties hunted in the 2011-2015 spring turkey seasons, Pachaug State Forest (92), Cockaponset State Forest (80), and Natchaug State Forest (71) yielded the most turkeys overall (Appendix B).

**Table 1. Harvest and success rates of Connecticut’s spring turkey hunters on private and state land, 2011-2015.**

<b>Permit Type</b>	<b>Total Number of Permits</b>	<b>Total Harvest</b>	<b>Number of Successful Hunters</b>	<b>Success Rate</b>
<b>Private Land</b>				
2011	6,226	1,198	750	12.0%
2012	6,532	1,167	791	12.1%
2013	6,820	1,014	705	10.3%
2014	6,741	920	635	9.4%
2015	7,126	1,011	700	9.8%
<b>State Land</b>				
2011	2,279	226	171	7.5%
2012	2,083	197	121	5.8%
2013	2,197	234	196	8.9%
2014	2,109	198	163	7.7%
2015	1,936	221	180	9.3%
<b>Overall Total</b>				
2011	8,505	1,424	871	10.2%
2012	8,615	1,364	912	10.6%
2013	9,017	1,248	901	9.9%
2014	8,850	1,118	798	9.0%
2015	9,062	1,232	817	9.0%

### **Harvest by Town**

Over the five-year period, at least one bird was taken from 159 of Connecticut’s 169 towns. Twenty-five or more birds were taken from 97 towns, 50 or more birds were taken from 58 towns, and 100 or more birds were taken from five towns. The towns of Lebanon (168), Woodstock (168), and Suffield (108) had the highest turkey harvest (Figure 1) (Appendix A).

### **Harvest by Zone**

The northeastern corner of the state (Turkey Management Zone 5) reported the highest harvest among Connecticut’s 13 Turkey Management Zones during 2011-2015 (Table 2) (Figures 2 and 3). Prior to 2004, northwest Connecticut (Zone 1) had typically held this distinction. The west-central (Zone 6) and west-lower (Zone 11) portions of the state recorded the lowest harvest. Although harvest is variable among zones, locally abundant turkey populations exist in all zones, and it is a function of hunter access and zonal turkey numbers which influence zonal harvest.

Figure 1. Distribution map of the 2011-2015 spring turkey harvest in Connecticut.

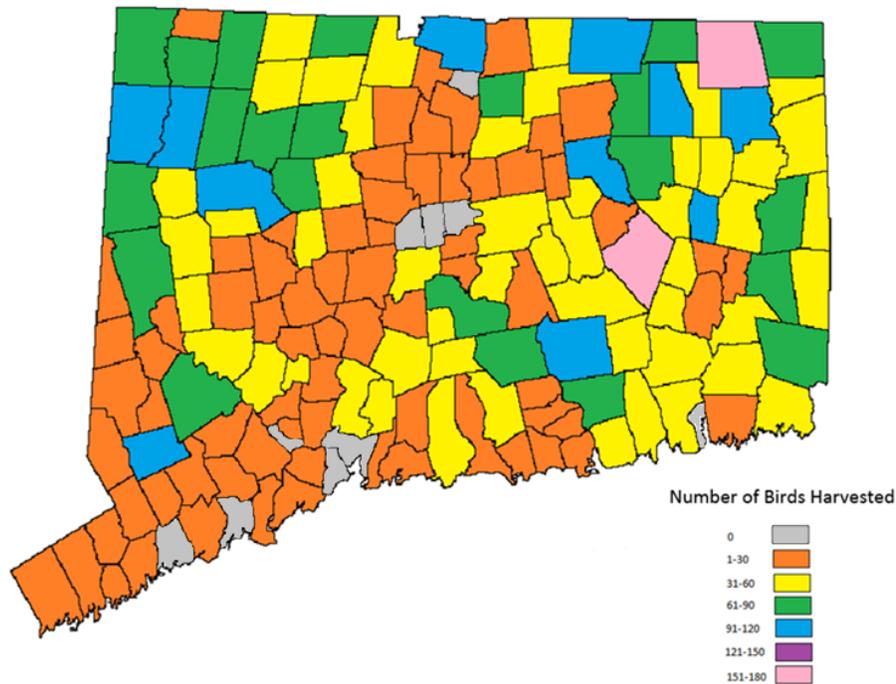


Table 2. Turkeys harvested during the spring 2011-2015 seasons by Turkey Management Zone.

Zone	Harvest 2011	Harvest 2012	Harvest 2013	Harvest 2014	Harvest 2015	Average
1	129	135	119	95	87	113
2	121	165	137	138	128	138
3	89	120	89	103	77	96
4A	94	72	78	68	73	77
4B	62	52	57	43	52	53
5	257	216	231	156	203	213
6	67	73	58	54	93	69
7	118	111	93	90	91	101
8	78	68	66	61	84	71
9	119	102	86	85	79	94
10	86	88	72	74	86	81
11	106	61	67	52	52	68
12	98	101	95	99	123	103
<b>Total</b>	<b>1,424</b>	<b>1,364</b>	<b>1,248</b>	<b>1,118</b>	<b>1,232</b>	<b>1,278</b>



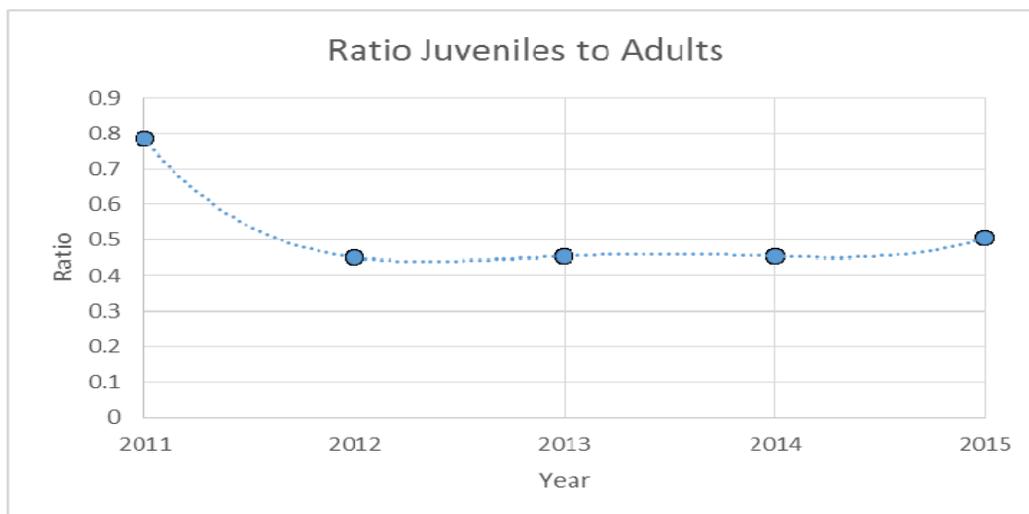
## Population Dynamics

The spring harvest from 2011 to 2015 consisted of 2,203 juvenile birds, 4,159 adult male birds, and 24 bearded hens (Table 3). Harvest statistics and brood surveys indicate the growth rate of Connecticut's wild turkey population varies annually, depending upon many variables such as weather and predation. During years with cold, wet spring weather, productivity drops due to reduced survival rates of hens and poults. In addition, during the past 10 to 15 years, the Wildlife Division has documented increases in black bear and bobcat populations. These increases may have negative impacts on wild turkeys. During this 5-year period, the ratio of juveniles to adults in the spring harvest was at or just below 0.5, indicating that productivity had been fairly stable. The one exception was 2011; that year the ratio was 0.8, indicating higher productivity in 2010. This is consistent with information collected from the turkey brood survey: the 2010 index was the highest recorded value to date (Figure 4).

**Table 3. Turkeys harvested by sex and age, spring 2011-2015.**

Year	Sex and Age	Total
2011	Tom	790
	Jake	626
	Bearded Hen	8
2012	Tom	937
	Jake	424
	Bearded Hen	3
2013	Tom	853
	Jake	390
	Bearded Hen	5
2014	Tom	765
	Jake	349
	Bearded Hen	4
2015	Tom	814
	Jake	414
	Bearded Hen	4

**Figure 4. Ratio of juvenile to adult gobblers taken during Connecticut's spring wild turkey seasons, 2011–2015.**



## 2011-2015 Spring Turkey Hunter Survey Results

The spring wild turkey hunter survey is used to obtain a variety of information from hunters to better manage Connecticut's wild turkey resource. The survey provides valuable insight into population growth trends, economic expenditures, and recreational benefits. In 2010, the spring turkey hunter survey changed from a mail-in survey attached to the spring turkey permit to an online survey distributed to hunters with email addresses. For the 2011-2015 seasons, a total of 15,149 surveys were emailed to spring turkey hunters and, on average, 30% of those hunters responded to the survey. On average, 28.4% of all respondents did not hunt. Most hunting activity occurred in Turkey Management Zones 5, 11, and 2 (Tables 4 and 5).

**Table 4. Spring turkey hunter survey results, 2011-2015.**

Year	Surveys Sent	Response Rates	Turkey Hunting Participation Rates
2011	2,845	11%	85%
2012	2,875	32%	67%
2013	3,071	37%	71%
2014	2,825	35%	70%
2015	3,533	35%	65%

**Table 5. Percentage of spring hunter survey respondents hunting in each Turkey Management Zone, 2011-2015.**

Year	Percentage by Zone											
	1	2	3	4	5	6	7	8	9	10	11	12
2011	9.1	11.5	5.9	9.8	10.8	3.1	8.7	9.1	5.6	7.3	11.8	7.3
2012	8.1	10.9	6.9	7.9	10.3	6.7	9.3	5.0	9.3	6.1	10.9	8.6
2013	9.6	10.2	8.4	7.2	11.6	6.4	9.6	4.5	8.4	5.6	10.3	8.2
2014	9	9	7	7	12	5	10	5	10	6	10	10
2015	8	10	7	8	11	6	11	5	8	6	10	10

## 2011-2015 Fall Archery Turkey Season

### Overview

During the 2011-2015 fall archery turkey seasons, 7,267 permits were issued and 296 birds were harvested. Hunters harvested 270 birds on private land and 26 birds on state land. Fifty-one percent of harvested birds were adults. Of the 296 birds taken, 134 were females and 162 were males (Table 6).

**Table 6. Harvest by sex and age for the fall archery seasons, 2011-2015.**

<b>Year</b>	<b>Sex and Age</b>	<b>Total</b>
<b>2011</b>	Adult Male	28
	Adult Female	21
	Juvenile Male	7
	Juvenile Female	7
<b>2012</b>	Adult Male	12
	Adult Female	10
	Juvenile Male	12
	Juvenile Female	5
<b>2013</b>	Adult Male	19
	Adult Female	30
	Juvenile Male	8
	Juvenile Female	3
<b>2014</b>	Adult Male	19
	Adult Female	16
	Juvenile Male	11
	Juvenile Female	20
<b>2015</b>	Adult Male	24
	Adult Female	17
	Juvenile Male	22
	Juvenile Female	5

### **Harvest by Town and Zone**

Fall archery hunters reported taking at least 1 bird from 111 of 169 Connecticut towns (66%). The 6 towns reporting the highest harvest were Lyme (10), Newtown (9), Trumbull (7), Fairfield (7), Groton (6), and Ridgefield (6) (Appendix C). In addition, Turkey Management Zones 11 (73 birds) and 12 (42 birds) reported the highest zonal harvest (Table 7).

**Table 7. Fall archery harvest by zone, 2011-2015.**

<b>Zone</b>	<b>Harvest</b>	<b>Zone</b>	<b>Harvest</b>
<b>1</b>	8	<b>7</b>	33
<b>2</b>	11	<b>8</b>	9
<b>3</b>	20	<b>9</b>	21
<b>4A</b>	11	<b>10</b>	8
<b>4B</b>	11	<b>11</b>	73
<b>5</b>	23	<b>12</b>	58
<b>6</b>	10		

# 2011-2015 Fall Firearms Turkey Season

## Overview

During the 2011-2015 fall firearms turkey seasons, 11,681 permits were issued and 275 birds were harvested. Hunters harvested 242 birds on private land and 33 birds on state land; 57% of harvested birds were adults. Of the 275 birds taken, 126 were females and 147 were males; sex was not reported for 2 birds. (Table 8).

**Table 8. Harvest by sex and age for the fall firearms turkey seasons, 2011-2015.**

Year	Sex and Age	Total
<b>2011</b>	Adult Male	20
	Adult Female	22
	Juvenile Male	16
	Juvenile Female	11
<b>2012</b>	Adult Male	17
	Adult Female	15
	Juvenile Male	11
	Juvenile Female	4
<b>2013</b>	Adult Male	8
	Adult Female	15
	Juvenile Male	12
	Juvenile Female	10
<b>2014</b>	Adult Male	22
	Adult Female	21
	Juvenile Male	12
	Juvenile Female	6
<b>2015</b>	Adult Male	16
	Adult Female	15
	Juvenile Male	13
	Juvenile Female	7

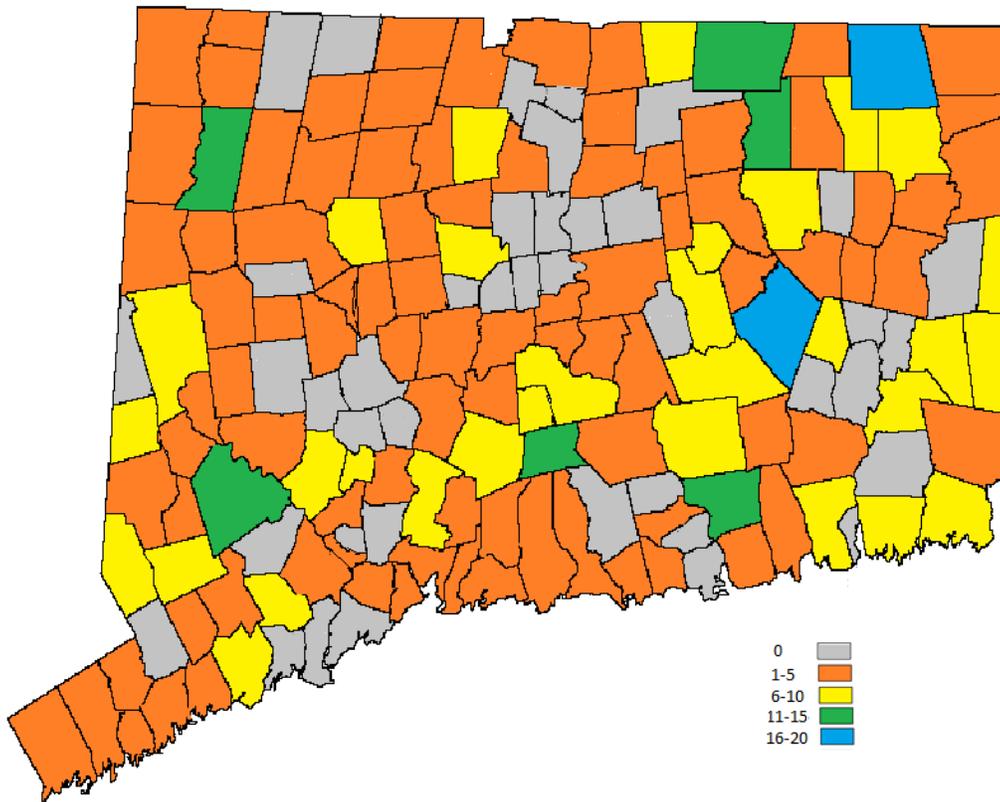
## Harvest by Town and Zone

Fall firearms hunters reported taking at least 1 bird from 87 of 169 Connecticut towns (51%). The 5 towns reporting the highest harvest were Woodstock (18), Stafford (14), Lebanon (13), Cornwall (11), Durham (9), and Willington (9) (Appendix D). In addition, Turkey Management Zones 5 (50 birds) and 4 (42 birds) reported the highest zonal harvest. (Table 9).

**Table 9. Fall firearms turkey harvest by zone, 2011-2015.**

Zone	Harvest	Zone	Harvest
<b>1</b>	20	<b>7</b>	21
<b>2</b>	19	<b>8</b>	20
<b>3</b>	20	<b>9</b>	19
<b>4A</b>	28	<b>10</b>	23
<b>4B</b>	14	<b>11</b>	13
<b>5</b>	50	<b>12</b>	16
<b>6</b>	12		

Figure 5. Distribution map of the 2011-2015 fall turkey harvests in Connecticut.



## Turkey Brood Survey Information

Since 2007, turkey brood surveys have been conducted annually from June 1 through August 31 to assess annual fluctuations in statewide wild turkey populations. Volunteers and departmental staff were requested to report turkey sightings, categorized by total hens, total poults, and total number of hens with poults. These observations were analyzed to obtain an annual productivity index and evaluate recruitment into the fall population. By evaluating recruitment over time, biologists can quantify changes and trends in Connecticut’s statewide wild turkey populations. In 2011-2015, 1,398 wild turkey observations were reported, which included 2,566 hens and 6,972 young. In total, 9,539 turkeys were observed, with 872 adults being observed without young. The 2011-2015 average brood index was 2.7 young per adult for all hens observed and 3.8 young per adult for hens observed with at least 1 poult (Table 10).

Table 10. Turkey brood survey results, 2011-2015.

Year	Total Adults	Total Young	Total Adults and Young	Adults without Young	Young per Adult	Young per Adult with Young	Number of Reports
2011	685	1,919	2,604	118	2.8	3.4	375
2012	435	1,089	1,524	293	2.5	3.7	244
2013	337	843	1,180	115	2.5	3.7	200
2014	579	1,561	2,140	194	2.7	4.1	313
2015	530	1,560	2,091	152	2.9	4.1	266

## Summary

Connecticut's Wild Turkey Program has progressed a long way since the 1975 initial release of 22 birds in northwest Connecticut. The wild turkey population grew rapidly, which allowed for a limited hunting season in 1981. With continued in-state trap and transport efforts, wild turkeys were established throughout the state by the early 1990s. Through the 1990s and into the 2000s, as the turkey population increased, so did hunting opportunities (Appendix D). The highest spring wild turkey harvest occurred in 2003. Since that year, harvest data have shown a downward trend, with the lowest harvest occurring during this reporting period (2014). From 2011 to 2015, spring harvest remained relatively stable, albeit at a lower level than has occurred in the mid-2000s. Despite these declines, wild turkeys continue to maintain themselves at fairly abundant numbers throughout the state. The Wild Turkey Program staff will continue to monitor wild turkey harvest statistics, brood surveys, and hunter opinions to better manage the state's wild turkey population.

Appendix A. Spring turkey harvest from state-owned and managed lands, 2011-2015.

State Land	State Code	Number of Birds Harvested & Property Square Mileage										Kills/Sq. Mile				
		Harvest 2011	Sq Mi 2011	Harvest 2012	Sq Mi 2012	Harvest 2013	Sq Mi 2013	Harvest 2014	Sq Mi 2014	Harvest 2015	Sq Mi 2015	2011	2012	2013	2014	2015
Aldo Leopold WMA	308	4	0.87	1	0.87	2	0.87	2	0.87	3	0.86	4.60	1.15	2.30	3.49	
Algonquin SF	201	7	1.04	4	1.04	6	1.04	3	1.04	4	1.04	6.73	3.85	5.77	2.88	3.85
American Legion SF	202	2	1.62	0	1.62	0	1.62	0	1.62	0	1.62	1.23	0.00	0.00	0.00	0.00
Assekong Swamp WMA	272	1	1.1	0	1.07	1	1.07	0	1.07	0	1.08	0.91	0.00	0.93	0.00	0.00
Babcock Pond WMA	244	1	2.34	0	2.34	0	2.34	0	2.34	2	2.34	0.43	0.00	0.00	0.00	0.85
Barn Island WMA	273	0	1.58	1	1.58	2	1.58	2	1.58	2	1.59	0.00	0.63	1.27	1.27	1.26
Bartlett Brook WMA	274	1	1.07	2	1.07	1	1.07	0	1.07	1	1.07	0.93	1.87	0.93	0.00	0.93
Bear Hill WMA	275	1	0.56	0	0.56	0	0.56	0	0.56	0	0.56	1.79	0.00	0.00	0.00	0.00
Bishops Swamp WMA	245	4	1.18	2	1.18	6	1.18	1	1.18	1	1.18	3.39	1.69	5.08	0.85	0.85
Bloomfield FCA (1)	205	0	0.51	0	0.51	0	0.51	0	0.51	1	0.51	0.00	0.00	0.00	0.00	1.96
Camp Columbia SF	207	0	0.94	0	0.94	2	0.94	2	0.94	3	0.94	0.00	0.00	2.13	2.13	3.19
Centennial Watershed SP (CB)	209	0	0.23	0	0.23	0	0.23	1	0.23	0	0.23	0.00	0.00	0.00	4.35	0.00
Cockaponset SF	246	20	26.85	15	26.85	15	26.85	15	26.85	15	26.85	0.74	0.56	0.56	0.56	0.56
Cromwell Meadows WMA	247	0	0.71	0	0.71	0	0.71	0	0.71	0	0.71	0.00	0.00	0.00	0.00	1.41
Durham Meadows WMA	248	1	0.89	1	0.89	1	0.89	0	0.89	0	0.89	1.12	1.12	1.12	0.00	0.00
East Swamp WMA	315	3	0.13	0	0.13	1	0.13	0	0.13	0	0.13	23.08	0.00	7.69	0.00	0.00
Eightmile River WMA	249	0	0.49	1	0.49	4	0.49	3	0.49	2	0.49	0.00	2.04	8.16	6.12	4.08
Elithorpe FCA	250	0	0.63	0	0.63	0	0.63	0	0.63	0	0.63	0.00	0.00	0.00	0.00	0.00
Enders SF	332	0	0.59	0	0.59	0	0.59	4	0.59	3	0.59	0.00	0.00	0.00	6.78	5.08
Franklin Swamp WMA	278	5	1.07	1	1.07	2	1.07	1	1.07	2	1.07	4.67	0.93	1.87	0.93	1.87
Goshen WMA	213	4	1.51	4	1.51	1	1.51	2	1.51	6	1.51	2.65	2.65	0.66	1.32	3.97
Great Swamp FCA	318	1	0.53	0	0.53	0	0.53	0	0.53	0	0.53	1.89	0.00	0.00	0.00	0.00
Hancock Brook Lake	214	3	1.1	0	1.1	1	1.1	2	1.1	2	1.1	2.73	0.00	0.91	1.82	1.82
Higganum Meadows WMA	251	2	0.4	0	0.4	0	0.4	0	0.4	0	0.4	5.00	0.00	0.00	2.50	0.00
Housatonic River WMA	215	0	0.87	5	0.87	2	0.87	0	0.87	5	0.87	0.00	5.75	2.30	0.00	5.75
Housatonic SF	216	11	17.63	5	17.63	6	17.63	7	17.63	4	17.63	0.62	0.28	0.34	0.40	0.23
John Mine to SP	217	0	1.12	0	1.12	1	1.12	0	1.12	0	1.12	0.00	0.00	0.89	0.00	0.00
Killingly Pond SP	281	0	0.27	2	0.27	0	0.27	0	0.27	0	0.27	0.00	7.41	0.00	0.00	0.00
Kollar WMA	253	0	1.42	4	1.42	1	1.42	1	1.42	1	1.42	0.00	2.82	0.70	0.70	0.70
Larson Lot WMA	254	0	0.38	0	0.38	1	0.38	0	0.38	0	0.38	0.00	0.00	2.63	0.00	0.00
Lebanon Coop Mgmt. Area	282	2	0.33	3	0.33	0	0.33	1	0.33	1	0.33	6.06	9.09	0.00	3.03	3.03
Mad River Dam FCA	218	1	0.81	0	0.81	0	0.81	0	0.81	0	0.81	1.23	0.00	0.00	0.00	0.00
Mansfield Hollow Lake	255	2	3.14	0	3.14	1	3.14	5	3.14	5	3.14	0.64	0.00	0.32	1.59	1.59
Mansfield Leased FTA	256	0	0.47	0	0.47	2	0.47	0	0.47	1	0.47	0.00	0.00	4.26	0.00	2.13
Mattatuck SF	219	4	7.3	11	7.3	8	7.3	6	7.3	4	7.3	0.55	1.51	1.10	0.82	0.55
MDC Colebrook-Hogback	220	3	6.5	6	6.5	3	6.5	0	6.5	0	6.5	0.46	0.92	0.46	0.00	0.00
Meadow Brook WMA	339	0	0.24	0	0.24	0	0.24	0	0.24	1	0.24	0.00	0.00	0.00	0.00	4.17
Meshomistic SF	257	7	14.22	3	14.22	7	14.22	16	14.22	12	14.22	0.49	0.21	0.49	1.13	0.84
Messerschmidt WMA	258	0	0.72	2	0.72	1	0.72	1	0.72	1	0.72	0.00	2.78	1.39	1.39	0.00
Millers Pond State Park	259	0	0.44	2	0.44	0	0.44	0	0.44	1	0.44	0.00	4.55	0.00	0.00	2.27
Mohegan SF	285	0	1.5	0	1.5	2	1.5	2	1.5	0	1.5	0.00	0.00	1.33	1.33	0.00
Mono Pond	260	0	0.44	0	0.44	0	0.44	1	0.44	0	0.44	0.00	0.00	0.00	2.27	0.00
Mount Riggs SP	222	0	0.49	0	0.49	0	0.49	0	0.49	1	0.49	0.00	0.00	0.00	0.00	2.04
Nassahogon SF	223	2	1.92	1	1.92	2	1.92	0	1.92	1	1.92	1.04	0.52	1.04	0.00	0.52
Natchaug SF	286	29	21.37	10	21.37	12	21.37	5	21.37	15	21.37	1.36	0.47	0.56	0.23	0.70
Nathan Hale SF	261	1	2.27	2	2.27	1	2.27	0	2.27	1	2.27	0.44	0.88	0.44	0.00	0.44
Neaugatuck SF	319	11	6.49	11	6.49	12	6.49	12	6.49	13	6.49	1.69	1.69	1.85	1.74	2.00

Property	State Code	Harvest 2011	Sq Mi 2011	Harvest 2012	Sq Mi 2012	Harvest 2013	Sq Mi 2013	Harvest 2014	Sq Mi 2014	Harvest 2015	Sq Mi 2015	2011	2012	2013	2014	2015
Naugatuck SF Great Hill Block	320	3	0.5	1	0.5	6	0.5	1	0.5	1	0.5	6.00	2.00	12.00	2.00	2.00
Naugatuck SF Quilliman Reserve	321	2	0.93	2	0.93	1	0.93	0	0.93	0	0.93	2.15	2.15	1.08	0.00	0.00
Nehantic SF	287	7	8.2	1	8.2	8	8.2	2	8.2	8	8.2	0.85	0.12	0.98	0.24	0.98
Nepaug SF	224	1	2.14	0	2.14	1	2.14	2	2.14	0	2.14	0.47	0.00	0.47	0.93	0.00
Newgate WMA	225	1	0.7	3	0.7	1	0.7	1	0.7	1	0.7	1.43	4.29	1.43	1.43	1.43
Nipmuck SF	288	5	14.51	4	14.51	4	14.51	6	14.51	6	14.51	0.34	0.28	0.28	0.41	0.41
NU-Maromas Coop WMA	263	4	2.19	4	2.19	5	2.19	1	2.19	3	2.19	1.83	1.83	2.28	0.46	1.37
NU-Skiff Mtn. WMA	228	5	1.11	1	1.11	3	1.11	3	1.11	0	1.11	4.50	0.90	2.70	2.70	0.00
Nye Holman SF	264	0	1.23	0	1.23	0	1.23	0	1.23	1	1.23	0.00	0.00	0.00	0.00	0.81
Pachaug SF	290	12	40.84	18	40.84	21	40.84	16	40.84	25	40.84	0.29	0.44	0.51	0.39	0.61
Paugnut SF	229	3	2.57	5	2.57	3	2.57	4	2.86	0	2.86	1.17	1.95	1.17	1.40	0.00
Paugussett SF	322	5	3.04	2	3.04	3	3.04	4	3.04	4	3.04	1.64	0.65	0.99	1.32	1.32
Pease Brook WMA	291	1	0.32	0	0.32	0	0.32	1	0.32	0	0.32	3.13	0.00	0.00	3.13	0.00
Peoples SF	230	2	4.6	2	4.6	2	4.6	1	4.6	4	4.6	0.43	0.43	0.43	0.22	0.87
Pomeroy SF	292	0	0.45	0	0.45	0	0.45	0	0.45	0	0.45	0.00	0.00	0.00	0.00	0.00
Poolatuck SF	324	0	1.72	0	1.72	0	1.72	0	1.72	1	1.72	0.00	0.00	0.00	0.00	0.58
Quaddick SF	293	0	1.73	0	1.73	1	1.73	0	1.73	1	1.73	0.00	0.00	0.58	0.00	0.58
Quinebaug River WMA	294	3	2.57	2	2.57	3	2.57	2	2.57	2	2.57	1.17	0.78	1.17	0.78	0.78
Quinnipiac River Marsh	325	0	0.88	0	0.88	0	0.88	0	0.88	1	0.88	0.00	0.00	0.00	0.00	1.12
Quinnipiac River SP	326	1	0.53	2	0.53	1	0.53	1	0.53	1	0.53	1.89	3.77	1.89	1.89	1.89
Robbins Swamp WMA	231	2	2.45	4	2.45	5	2.45	3	2.45	0	2.45	0.82	1.63	2.04	1.22	0.00
Roraback WMA	232	1	3.09	3	3.09	7	3.09	6	3.09	6	3.09	0.32	0.97	2.27	1.94	1.94
Rose Hill WMA	297	3	0.96	2	0.96	4	0.96	2	0.96	0	0.96	3.13	2.08	4.17	2.08	0.00
Ross Hill WMA	297	0	0.43	0	0.43	0	0.43	0	0.43	5	0.43	0.00	0.00	0.00	0.00	11.63
Salmon River SF	300	5	10.91	2	10.91	0	10.91	5	10.91	6	10.91	0.46	0.18	0.00	0.46	0.55
Seantic River SP	268	0	0.92	0	0.92	1	0.92	0	0.92	0	0.92	0.00	0.00	1.92	0.00	0.00
Selden Island SP	301	0	0.83	0	0.83	0	0.83	0	0.83	0	0.83	0.00	0.00	0.00	0.00	0.00
Sessions Woods WMA	233	0	1.21	0	1.21	2	1.21	0	1.21	0	1.21	0.00	0.00	1.65	0.00	0.00
Shenipsit State Forest	269	0	11.85	4	11.85	6	11.85	3	11.85	4	11.85	0.00	0.34	0.51	0.25	0.34
Silvio O. Conte NWR	333	0	0.45	0	0.45	0	0.45	1	0.45	1	0.45	0.00	0.00	0.00	2.22	2.22
Simsbury WMA	234	0	0.35	3	0.35	1	0.35	6	0.57	1	0.57	0.00	8.57	2.86	10.53	1.75
Spignesi WMA	302	1	0.73	2	0.73	1	0.73	1	0.73	6	0.82	1.37	2.74	1.37	1.37	7.32
Sudler Brook FCA	235	0	0.1	0	0.1	0	0.1	1	0.1	0	0.1	0.00	0.00	0.00	10.00	0.00
Sunnybrook SP	237	0	0.69	0	0.69	0	0.69	0	0.69	0	0.69	0.00	0.00	0.00	0.00	0.00
Talbot WMA	304	1	0.74	3	0.74	3	0.74	1	0.74	1	0.74	1.35	4.05	4.05	1.35	1.35
Tankerhoosen WMA	334	0	0.7	0	0.7	2	0.7	0	0.7	2	0.7	0.00	0.00	2.86	0.00	2.86
Thamerton Dam	238	0	1.33	0	1.33	0	1.33	0	1.33	0	1.33	0.00	0.00	0.00	0.00	0.00
Trout Brook Valley State Park	327	0	0.52	0	0.52	0	0.52	1	0.52	0	0.52	0.00	0.00	0.00	1.92	0.00
Tunxis SF	240	6	14.87	14	14.87	15	14.87	9	14.87	9	14.87	0.40	0.94	1.01	0.61	0.61
Wangunk Meadows	270	2	1	1	1	2	1	0	1	0	1	2.00	1.00	2.00	0.00	0.00
West Thompson Dam	305	0	3.05	4	3.05	2	3.05	1	3.05	2	3.05	0.00	1.31	0.66	0.33	0.66
Wooster Mountain SP	328	1	0.56	0	0.56	0	0.56	0	0.56	0	0.56	1.79	0.00	0.00	0.00	0.00
Wopowog WMA	271	1	0.74	0	0.74	0	0.74	0	0.74	0	0.74	1.35	0.00	0.00	0.00	0.00
Wyantenock SF	243	3	6.38	2	6.38	1	6.38	2	6.38	2	6.38	0.47	0.31	0.16	0.31	0.31
Yale Forest	306	8	12.03	2	12.03	5	12.03	4	12.03	2	12.03	0.67	0.17	0.42	0.33	0.17
Zenko Pond WMA	307	4	0.72	5	0.72	1	0.72	0	0.72	1	0.72	5.56	6.94	1.39	0.00	1.39
Unkown		0		0		0		11		0		0.00	0.00	0.00	0.00	0.00

**Appendix B. Connecticut spring wild turkey harvest by town, 2011-2015.**

<b>Town</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Total by Town</b>
<b>Andover</b>	14	7	10	7	7	45
<b>Ansonia</b>	3	1	1	0	1	6
<b>Ashford</b>	25	28	21	13	20	107
<b>Avon</b>	3	1	3	3	3	13
<b>Barkhamsted</b>	12	5	8	6	12	43
<b>Beacon Falls</b>	5	9	5	9	9	37
<b>Berlin</b>	10	9	4	10	7	40
<b>Bethany</b>	5	5	4	4	5	23
<b>Bethel</b>	5	1	3	3	0	12
<b>Bethlehem</b>	4	6	3	1	7	21
<b>Bloomfield</b>	1	5	5	3	1	15
<b>Bolton</b>	3	4	8	3	2	20
<b>Bozrah</b>	12	11	3	2	4	32
<b>Branford</b>	5	1	2	2	0	10
<b>Bridgewater</b>	5	4	4	4	6	23
<b>Bristol</b>	2	0	1	2	1	6
<b>Brookfield</b>	5	3	2	1	2	13
<b>Brooklyn</b>	8	10	10	2	3	33
<b>Burlington</b>	8	11	8	5	7	39
<b>Canaan</b>	14	20	11	14	8	67
<b>Canterbury</b>	18	12	13	7	9	59
<b>Canton</b>	9	8	8	7	7	39
<b>Chaplin</b>	25	8	10	9	8	60
<b>Cheshire</b>	4	10	6	4	4	28
<b>Chester</b>	4	4	5	5	4	22
<b>Clinton</b>	0	0	0	1	0	1
<b>Colchester</b>	12	11	15	9	13	60
<b>Colebrook</b>	8	15	10	12	9	54
<b>Columbia</b>	8	4	7	3	3	25
<b>Cornwall</b>	28	19	15	24	10	96
<b>Coventry</b>	21	24	19	18	20	102
<b>Cromwell</b>	4	2	3	5	5	19
<b>Danbury</b>	4	1	2	3	3	13
<b>Darien</b>	1	0	0	2	0	3
<b>Deep River</b>	3	0	4	7	0	14
<b>Durham</b>	12	11	12	10	9	54
<b>East Granby</b>	6	8	5	3	2	24
<b>East Haddam</b>	17	15	26	15	22	95
<b>East Hampton</b>	5	7	5	9	4	30
<b>East Hartford</b>	1	0	0	1	1	3

<b>East Haven</b>	0	3	0	1	0	4
<b>East Lyme</b>	10	14	8	12	15	59
<b>East Windsor</b>	11	15	11	10	20	67
<b>Eastford</b>	11	5	10	11	13	50
<b>Easton</b>	8	6	3	0	3	20
<b>Ellington</b>	9	5	15	10	15	54
<b>Enfield</b>	6	9	5	4	5	29
<b>Essex</b>	6	3	3	6	2	20
<b>Fairfield</b>	3	0	0	2	1	6
<b>Farmington</b>	3	4	0	0	0	7
<b>Franklin</b>	15	11	10	14	10	60
<b>Glastonbury</b>	8	7	13	18	12	58
<b>Goshen</b>	12	18	9	13	14	66
<b>Granby</b>	8	21	5	13	13	60
<b>Greenwich</b>	2	0	0	0	1	3
<b>Griswold</b>	11	16	12	20	14	73
<b>Groton</b>	1	6	4	1	5	17
<b>Guilford</b>	13	13	6	7	8	47
<b>Haddam</b>	19	20	17	10	23	89
<b>Hamden</b>	7	7	7	5	5	31
<b>Hampton</b>	19	8	12	10	8	57
<b>Hartford</b>	0	1	0	0	0	1
<b>Hartland</b>	11	16	18	9	10	64
<b>Harwinton</b>	9	11	16	12	16	64
<b>Hebron</b>	14	4	8	12	5	43
<b>Kent</b>	15	15	15	9	14	68
<b>Killingly</b>	4	14	9	2	5	34
<b>Killingworth</b>	12	5	4	4	13	38
<b>Lebanon</b>	44	36	30	27	31	168
<b>Ledyard</b>	11	5	8	6	7	37
<b>Lisbon</b>	5	5	5	2	2	19
<b>Litchfield</b>	24	19	22	13	14	92
<b>Lyme</b>	23	13	18	19	11	84
<b>Madison</b>	3	1	0	0	3	7
<b>Manchester</b>	2	5	3	1	1	12
<b>Mansfield</b>	16	13	11	11	18	69
<b>Marlborough</b>	10	3	3	11	6	33
<b>Meriden</b>	1	2	0	2	0	5
<b>Middlebury</b>	2	1	3	3	1	10
<b>Middlefield</b>	7	13	10	6	12	48
<b>Middletown</b>	15	12	11	13	21	72
<b>Milford</b>	0	3	1	5	3	12
<b>Monroe</b>	3	2	4	0	2	11

<b>Montville</b>	9	15	10	8	12	54
<b>Morris</b>	4	6	6	8	7	31
<b>Naugatuck</b>	7	6	7	3	5	28
<b>New Canaan</b>	0	0	0	0	1	1
<b>New Fairfield</b>	7	6	2	4	3	22
<b>New Hartford</b>	11	16	22	20	14	83
<b>New Milford</b>	20	16	16	8	24	84
<b>Newtown</b>	22	13	16	10	9	70
<b>Norfolk</b>	14	14	11	19	12	70
<b>North Branford</b>	5	4	3	8	6	26
<b>North Canaan</b>	2	5	7	4	4	22
<b>North Haven</b>	12	8	5	4	5	34
<b>North Stonington</b>	13	16	12	16	15	72
<b>Norwalk</b>	1	0	0	0	0	1
<b>Norwich</b>	0	5	0	0	5	10
<b>Old Lyme</b>	9	6	7	6	7	35
<b>Old Saybrook</b>	1	1	0	2	2	6
<b>Orange</b>	1	3	4	5	12	25
<b>Oxford</b>	14	17	10	5	7	53
<b>Plainfield</b>	12	9	18	14	12	65
<b>Plainville</b>	2	4	1	3	1	11
<b>Plymouth</b>	12	7	9	7	8	43
<b>Pomfret</b>	30	15	21	15	18	99
<b>Portland</b>	9	8	5	9	4	35
<b>Preston</b>	11	10	9	6	16	52
<b>Prospect</b>	4	3	2	3	2	14
<b>Putnam</b>	7	11	9	6	5	38
<b>Redding</b>	28	17	23	12	12	92
<b>Ridgefield</b>	2	1	2	2	2	9
<b>Rocky Hill</b>	4	9	7	2	1	23
<b>Roxbury</b>	4	10	6	4	10	34
<b>Salem</b>	13	15	12	7	8	55
<b>Salisbury</b>	8	18	22	11	11	70
<b>Scotland</b>	17	24	19	17	18	95
<b>Seymour</b>	0	3	8	4	4	19
<b>Sharon</b>	22	25	17	13	19	96
<b>Shelton</b>	3	3	0	2	0	8
<b>Sherman</b>	5	5	5	3	3	21
<b>Simsbury</b>	0	4	2	6	1	13
<b>Somers</b>	18	10	12	8	8	56
<b>South Windsor</b>	3	5	8	7	9	32
<b>Southbury</b>	9	9	5	11	10	44
<b>Southington</b>	8	3	4	3	3	21

<b>Sprague</b>	9	6	6	1	3	25
<b>Stafford</b>	18	20	20	21	16	95
<b>Stamford</b>	4	1	5	6	5	21
<b>Sterling</b>	10	15	8	9	15	57
<b>Stonington</b>	5	11	11	12	19	58
<b>Stratford</b>	1	2	0	0	2	5
<b>Suffield</b>	22	32	17	28	9	108
<b>Thomaston</b>	5	4	5	2	1	17
<b>Thompson</b>	12	17	25	12	15	81
<b>Tolland</b>	7	9	6	3	5	30
<b>Torrington</b>	12	15	15	13	7	62
<b>Trumbull</b>	0	0	0	0	3	3
<b>Union</b>	21	12	7	14	9	63
<b>Vernon</b>	0	0	2	1	2	5
<b>Voluntown</b>	11	14	10	9	14	58
<b>Wallingford</b>	9	8	6	8	8	39
<b>Warren</b>	16	14	10	7	7	54
<b>Washington</b>	10	7	10	9	18	54
<b>Waterbury</b>	0	0	0	0	1	1
<b>Waterford</b>	8	9	6	8	15	46
<b>Watertown</b>	4	14	2	2	4	26
<b>West Hartford</b>	0	0	0	0	1	1
<b>West Haven</b>	0	0	0	0	0	0
<b>Westbrook</b>	2	2	2	3	1	10
<b>Weston</b>	0	0	0	1	0	1
<b>Wethersfield</b>	0	0	0	0	0	0
<b>Willington</b>	21	16	18	12	20	87
<b>Wilton</b>	2	0	0	1	0	3
<b>Winchester</b>	7	15	7	9	7	45
<b>Windham</b>	15	10	13	10	12	60
<b>Windsor</b>	4	1	1	0	1	7
<b>Windsor Locks</b>	0	0	0	0	0	0
<b>Wolcott</b>	3	3	3	4	4	17
<b>Woodbridge</b>	0	1	0	0	4	5
<b>Woodbury</b>	7	1	6	7	7	28
<b>Woodstock</b>	44	30	33	19	42	168
<b>Total by Year</b>	<b>3,435</b>	<b>3,376</b>	<b>3,261</b>	<b>3,132</b>	<b>3,247</b>	<b>6,386</b>

## Appendix C. Fall wild turkey archery harvest, 2011-2015

<b>Town</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Total by Town</b>
Andover	1	1	0	1	0	3
Ashford	1	0	0	1	0	2
Avon	0	0	0	0	1	1
Barkhamsted	0	1	1	0	0	2
Beacon Falls	2	0	0	1	1	4
Bethany	1	0	1	0	3	5
Bethel	0	0	0	1	0	1
Bethlehem	0	0	0	1	0	1
Bloomfield	0	1	0	0	0	1
Branford	0	0	1	0	0	1
Bridgewater	1	0	0	0	0	1
Bristol	0	0	1	0	0	1
Brookfield	0	2	0	0	0	2
Brooklyn	0	1	0	0	0	1
Burlington	0	0	0	0	1	1
Canterbury	1	0	0	0	1	2
Cheshire	0	0	1	0	1	2
Clinton	0	0	0	1	0	1
Colchester	2	2	1	1	0	6
Columbia	0	0	0	2	0	2
Cornwall	0	0	0	0	1	1
Coventry	0	0	0	0	1	1
Danbury	0	0	2	0	1	3
Darien	1	3	0	0	0	4
Deep River	0	0	1	0	0	1
Durham	0	0	1	1	1	3
East Haddam	2	0	1	1	0	4
East Hampton	0	0	0	2	1	3
East Haven	1	0	0	0	0	1
East Lyme	0	1	0	1	0	2
East Windsor	0	0	0	1	0	1
Eastford	0	0	0	0	1	1
Easton	0	1	0	0	2	3
Enfield	1	0	0	1	0	2
Fairfield	3	2	1	0	1	7
Farmington	0	0	0	0	1	1
Franklin	0	0	0	3	0	3
Glastonbury	0	0	2	0	0	2

<b>Greenwich</b>	0	1	0	1	1	3
<b>Griswold</b>	0	0	0	1	0	1
<b>Groton</b>	3	2	0	1	0	6
<b>Guilford</b>	0	0	1	0	2	3
<b>Hamden</b>	1	1	1	0	0	3
<b>Hampton</b>	1	0	0	0	0	1
<b>Harwinton</b>	1	1	0	0	0	2
<b>Hebron</b>	0	1	0	0	2	3
<b>Killingly</b>	1	0	0	1	1	3
<b>Lebanon</b>	3	0	0	1	1	5
<b>Litchfield</b>	0	0	0	0	1	1
<b>Lyme</b>	1	0	5	4	0	10
<b>Madison</b>	1	1	2	0	1	5
<b>Mansfield</b>	0	0	1	2	1	4
<b>Meriden</b>	0	0	0	0	1	1
<b>Middletown</b>	0	0	0	4	1	5
<b>Montville</b>	0	0	0	0	1	1
<b>New Canaan</b>	0	0	2	0	2	4
<b>New Fairfield</b>	2	0	4	0	0	6
<b>New Haven</b>	0	0	1	0	0	1
<b>New Milford</b>	1	1	0	0	2	4
<b>Newtown</b>	2	1	1	2	3	9
<b>North Branford</b>	0	0	1	0	0	1
<b>North Canaan</b>	2	0	0	0	0	2
<b>North Haven</b>	0	0	0	2	0	2
<b>North Stonington</b>	0	0	0	1	0	1
<b>Norwalk</b>	0	0	1	0	0	1
<b>Old Lyme</b>	1	2	1	1	0	5
<b>Orange</b>	0	0	0	2	1	3
<b>Oxford</b>	1	1	1	0	0	3
<b>Plymouth</b>	0	0	0	0	1	1
<b>Pomfret</b>	0	0	0	1	0	1
<b>Portland</b>	0	1	0	1	2	4
<b>Putnam</b>	0	0	0	1	0	1
<b>Redding</b>	2	0	1	1	1	5
<b>Ridgefield</b>	0	0	1	3	2	6
<b>Rocky Hill</b>	0	0	0	0	1	1
<b>Roxbury</b>	0	0	0	1	0	1
<b>Salem</b>	0	0	1	0	2	3
<b>Salisbury</b>	0	1	0	0	1	2
<b>Scotland</b>	0	0	2	0	0	2

<b>Seymour</b>	0	0	0	0	1	1
<b>Sharon</b>	0	0	0	1	0	1
<b>Shelton</b>	2	0	0	0	1	3
<b>Simsbury</b>	3	1	1	0	0	5
<b>Somers</b>	2	0	3	1	0	6
<b>South Windsor</b>	0	0	0	0	2	2
<b>Southbury</b>	1	0	0	1	1	3
<b>Southington</b>	1	0	1	1	0	3
<b>Stafford</b>	0	0	0	0	1	1
<b>Stamford</b>	2	0	1	1	0	4
<b>Sterling</b>	0	0	0	1	1	2
<b>Stonington</b>	2	1	0	0	1	4
<b>Thomaston</b>	0	0	2	0	0	2
<b>Thompson</b>	0	0	2	1	1	4
<b>Tolland</b>	1	0	1	0	0	2
<b>Torrington</b>	0	0	0	1	2	3
<b>Trumbull</b>	0	1	3	3	0	7
<b>Vernon</b>	0	0	1	0	0	1
<b>Voluntown</b>	2	0	0	1	0	3
<b>Wallingford</b>	0	1	1	0	0	2
<b>Warren</b>	0	0	0	0	1	1
<b>Waterford</b>	1	0	0	1	3	5
<b>West Haven</b>	0	2	1	0	0	3
<b>Westbrook</b>	0	1	2	0	1	4
<b>Weston</b>	2	0	0	0	0	2
<b>Westport</b>	0	1	0	1	0	2
<b>Willington</b>	1	1	0	0	0	2
<b>Wilton</b>	0	0	0	1	0	1
<b>Winchester</b>	0	0	0	1	2	3
<b>Windham</b>	0	0	0	0	1	1
<b>Wolcott</b>	2	0	0	0	0	2
<b>Woodstock</b>	1	1	0	0	0	2
<b>Total</b>	<b>63</b>	<b>39</b>	<b>60</b>	<b>66</b>	<b>68</b>	<b>296</b>

**Appendix D. Connecticut wild turkey hunting, 1981-2015.**

<b>Year</b>	<b>Spring Harvest</b>	<b>Permits Issued</b>	<b>Fall Firearms Harvest</b>	<b>Permits Issued</b>
1981	21	428		
1982	56	574		
1983	57	888		
1984	90	1,172		
1985	126	1,119		
1986	149	1,286		
1987	298	1,557		
1988	318	2,101		
1989	459	2,575		
1990	512	2,727	52	579
1991	674	2,997	34	514
1992	788	3,549	40	402
1993	882	3,763	45	376
1994	1,006	3,984	54	599
1995	1,495	4,858	121	1,028
1996	1,862	6,149	124	2,069
1997	1,739	6,535	140	2,073
1998	1,710	6,674	122	1,783
1999	1,910	6,700	286	2,304
2000	2,040	7,154	188	2,378
2001	2,067	7,258	285	3,060
2002	1,894	7,632	188	3,844
2003	2,367	7,601	134	3,337
2004	2,081	7,330	234	3,060
2005	2,016	7,050	156	2,941
2006	1,760	6,624	109	2,926
2007	1,601	6,304	165	2,769
2008	1,558	6,617	160	3,037
2009	1,502	7,376	64	3,313
2010	1,245	7,389	64	2,444
2011	1,424	8,505	69	2,589
2012	1,364	8,615	47	2,383
2013	1,248	9,017	47	2,440
2014	1,118	8,850	61	2,145
2015	1,232	9,062	51	2,127