2019 VERMONT WHITE-TAILED DEER HARVEST REPORT

VERMONT FISH & WILDLIFE

VERMONT

FISH & WILDLIFE DEPARTMENT
(802) 828-1000 / www.vtfishandwildlife.com

Most of the programs described in this report are funded through the *Federal Aid in Wildlife Restoration Program*. This program was initiated in 1937 as the Federal Aid in Wildlife Act and created a system whereby taxes are paid on firearms, ammunition and archery equipment by the public who hunts. Today this excise tax generates more than one hundred million dollars each year that are dedicated to state wildlife restoration and management projects across the United States. The State of Vermont uses these monies for acquiring land, and for restoring and managing wildlife. These excise tax dollars, coupled with state hunting license fees, have been the predominant source of money funding the successful restoration and management of Vermont's wildlife resources.

2019 VERMONT
WHITE-TAILED DEER HARVEST REPORT

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The MISSION of the Vermont Fish & Wildlife Department is the conservation of fish, wildlife, and plants and their habitats for the people of Vermont.

Vermont Fish & Wildlife Department

Agency of Natural Resources

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2019 White-tailed Deer Harvest Report

Overview

Hunters harvested a total of 16,550 deer during the four Vermont deer seasons in 2019, providing about 3.3 million servings of local, nutritious venison. The total harvest was 3 percent less than the previous 3-year average (17,072), while the buck harvest was 2 percent more than the previous 3-year average (9,833 bucks). The overall harvest was 13 percent less than 2018 (19,011), while the total buck harvest of 10,058 was nearly identical to the 2018 buck harvest (10,028; Figure 1).

Hunting conditions were generally good during the 2019 seasons. Weather during October was close to normal while November was cold and snowy. Cold weather increases deer movement and snow cover helps hunters locate and see deer. The muzzleloader season saw relatively poor conditions, alternating between heavy rain events and noisy, frozen conditions. Statewide surveys conducted in 2019 indicated that apple, beechnut, and oak mast production were all good to excellent. With widespread mast available, deer tend to be more spread out on the landscape and are often less accessible to hunters.

Figure 1. Annual antlered buck and total deer harvest in Vermont, 1900–2019.

The Vermont Fish & Wildlife Department estimated a 13 percent decrease in the deer population from 2018 to 2019. This was primarily due to the severe winter of 2019 in central and northeastern Vermont as well as increased antlerless harvests in many areas in recent years. Each winter, a Winter Severity Index (WSI) is calculated from 38 weather stations throughout Vermont. Points are accumulated for each day when temperatures are 0 degrees Fahrenheit or below or the snow depth is 18 inches or more. The statewide average WSI for 2018 was 68.6, well above the 30-year average of 44.7 (Figure 2). In response, the number of muzzleloader season antlerless permits was reduced in central and northeastern WMUs. Permit numbers remained similar to previous years in other WMUs to reduce populations in some areas and limit population growth in other areas.

The primary goal of Vermont's deer management strategy is to keep the deer herd stable, healthy, and in balance with available habitat. Deer that go into winter with heavier body weights are better able to survive harsh winter conditions, and high reproductive rates mean the population can rebound quickly. This helps to minimize the boom and bust cycles that have historically characterized Vermont's deer population and harvest (Figure 1). Fawn weights, yearling buck antler size, and reproductive data from road-killed deer indicate populations in much of Vermont have reached or exceeded numbers that the current habitat can support long-term. Harvesting an appropriate number of antlerless deer helps keep populations from becoming overabundant, and thereby helps keep the deer and their habitats healthy and productive.

Figure 2. Statewide winter severity index (WSI) in Vermont, 1990–2019. The horizontal dashed line shows the 30-year average WSI of 44.

Season Results

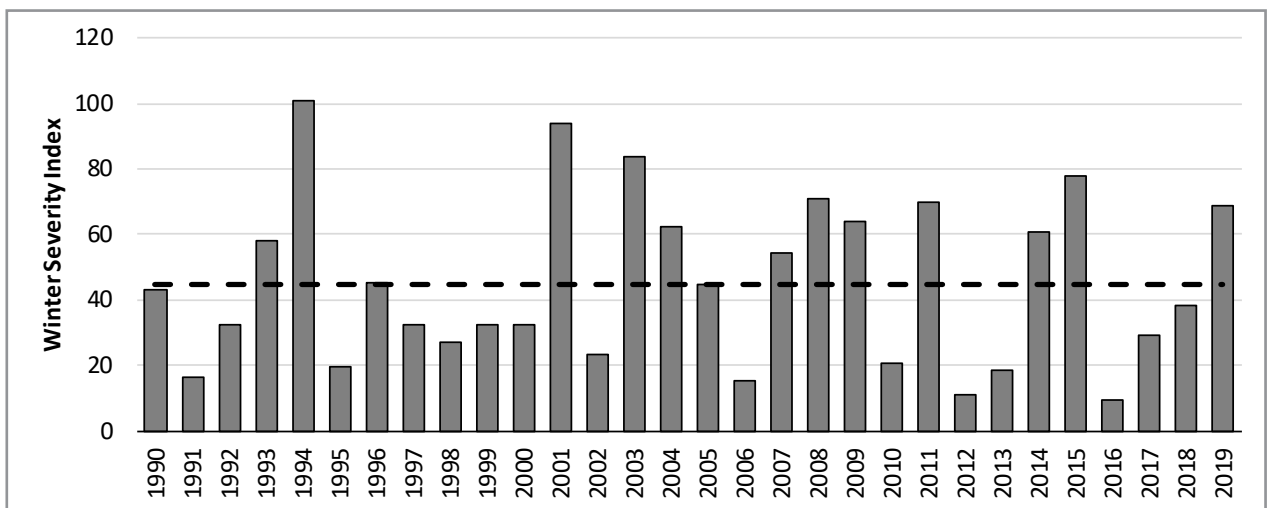Antlered bucks comprised 61 percent of the total harvest, while 33 percent were adult does, 3 percent were male fawns, and 3 percent were female fawns (Figure 3, Table 1). Rifle season accounted for 45 percent of the total deer harvest, while 23 percent were harvested during archery season, 22 percent during muzzleloader season, and 10 percent during youth season (Figure 4, Table 1).

Archery Season (October 5–November 1, December 7–15, 2019)

Archers harvested 3,748 deer during the split 37-day archery season (28 days in October-November and 9 days in December). This was down 6 percent from the 2018 harvest (3,984) but was 2 percent more than the previous 3-year average (3,677). The archery harvest was comprised of 28 percent antlered bucks, 64 percent adult does, and 8 percent fawns (Figure 5, Table 1). The late archery season accounted for 6 percent (212 deer) of the overall archery harvest and 2 percent (23 deer) of the archery buck harvest. Hunters using crossbows accounted for 41 percent of the harvest, up slightly from 40 percent in 2018.

The prevalence of does in the archery harvest demonstrates that bow hunting is an important mechanism for deer population management. Harvesting does helps prevent overabundant and unhealthy deer. All wildlife management units were open to the taking of antlerless deer during the archery season in 2019.

Youth Season (November 9–10, 2019)

Youth hunters harvested a total of 1,637 deer during the 2-day youth season. This was 22 percent more than 2018 (1,342), and 16 percent more than the previous 3-year average (1,413). The youth harvest was comprised of 50 percent antlered bucks, 35 percent adult does, and 15 percent fawns (Figure 6, Table 1).

The youth season is particularly important for deer research and management in Vermont. Youth hunters during the youth season can harvest any deer, regardless of sex or antler characteristics. As a result, the youth harvest provides a representative cross-section of the entire deer population, including spike-antlered bucks. Data from harvested does and fawns are also useful for deer management purposes.

Figure 3. Age and sex distribution of the harvest.

Male Fawns - 440
3% of Harvest

Female Fawns - 595
3% of Harvest

Adult Does - 5,457
33% of Harvest

Antlered Bucks - 10,058
61% of Harvest

16,550 Deer Harvested
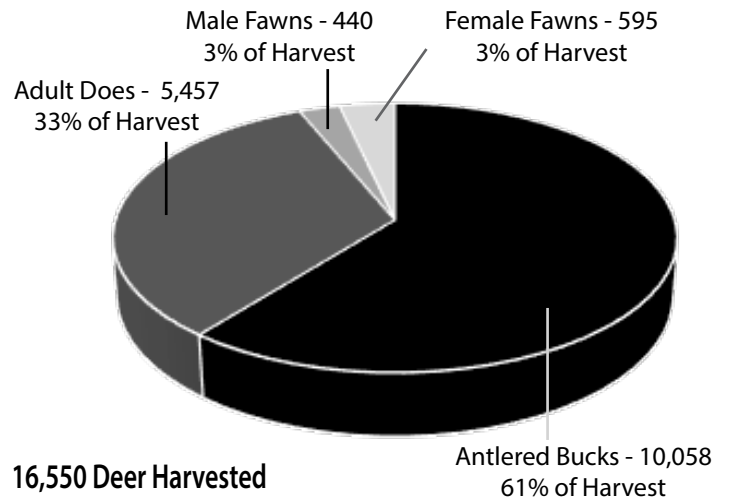
Figure 4. Distribution of the harvest by season.

Archery - 3,748
23% of Harvest

Youth -1,637
10% of Harvest

Rifle - 7,502
45% of Harvest

Muzzleloader - 3,663
22% of Harvest

16,550 Deer Harvested
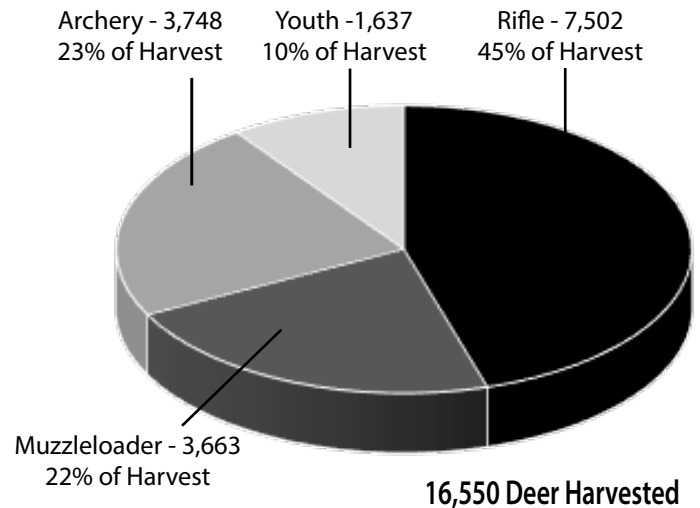
Figure 5. Age and sex distribution of the archery harvest.

Female Fawns - 186
5% of Harvest

Male Fawns - 130
3% of Harvest

Antlered Bucks - 1,306
28% of Harvest

Adult Does - 2,396
64% of Harvest

3,748 Deer Harvested
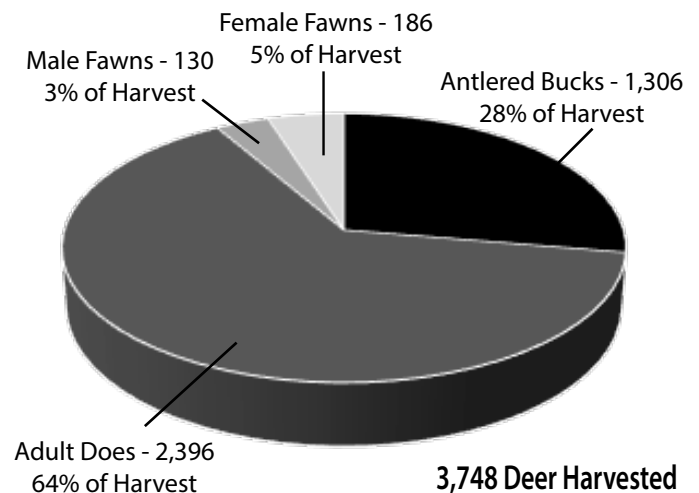
Figure 6. Age and sex distribution of the youth harvest.

Male Fawns - 122
7% of Harvest

Female Fawns - 124
8% of Harvest

Antlered Bucks - 823
50% of Harvest

Adult Does - 568
35% of Harvest

1,637 Deer Harvested

Table 1. 2019 Legal Deer Harvest Numbers and Percentages by Season and Age–Sex

Season		Antlered Buck	Adult Doe	Male Fawn	Female Fawn	Total
Archery	**Number Harvested**	**1,036**	**2,396**	**130**	**186**	**3,748**
	% of Archery Season	28%	64%	3%	5%	
	% of Age/Sex Class	10%	44%	30%	31%	
	% of Total Harvest	6%	14%	1%	1%	23%
Youth	**Number Harvested**	**823**	**568**	**122**	**124**	**1,637**
	% of Youth Season	50%	35%	7%	8%	
	% of Age/Sex Class	8%	10%	28%	21%	
	% of Total Harvest	5%	3%	1%	1%	10%
Rifle	**Number Harvested**	**7,502**	**0**	**0**	**0**	**7,502**
	% of Rifle Season	100%				
	% of Age/Sex Class	75%				
	% of Total Harvest	45%				45%
Muzzleloader	**Number Harvested**	**697**	**2,493**	**188**	**285**	**3,663**
	% of Muzzleloader Season	19%	68%	5%	8%	
	% of Age/Sex Class	7%	46%	43%	48%	
	% of Total Harvest	4%	15%	1%	2%	22%
Total	**Number Harvested**	**10,058**	**5,457**	**440**	**595**	**16,550**
	% of Total Harvest	**61%**	**33%**	**3%**	**4%**	

Rifle Season (November 16–December 1, 2019)

Hunters reported a total of 7,502 antlered bucks during the traditional 16-day rifle season. This was similar to 2018 (7,480) and the previous 3-year average (7,502).

Hunter effort surveys were again mailed to 10,000 randomly selected licensed Vermont hunters in 2019. This survey provides information on the number of hunters actively participating in deer hunting, t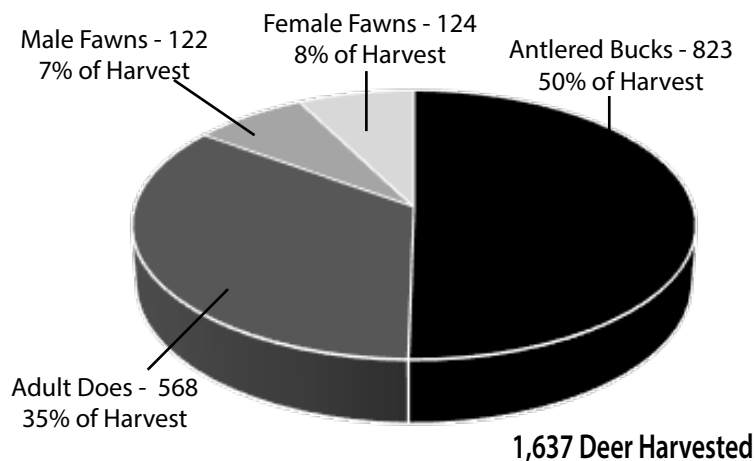he amount of time they spend afield, and the number of deer, moose, and other species they see while hunting. These data are used to monitor deer, moose, bear, and furbearer distribution and population trends.

Hunters returned 1,754 valid surveys (18 percent return rate), with 23 percent reporting that they did not hunt during the rifle season in 2019. Hunters reported an average of 36 hours afield during the rifle season which is similar to the previous 3-year average (37 hours). Timing of hunter effort within the rifle season is also useful for modeling population size and harvest rates. As usual, Saturday and Sunday of opening weekend saw the greatest hunting effort and yielded the greatest harvests among all 16 days of the season (Figure 7). Respondents reported a total of 41,818 hunter-hours, equivalent to 20 people working 40 hours per week year-round. Clearly, this volunteer survey effort is more than the department could ever achieve with its own staff.

Hunters reported seeing an average of 2.5 deer per 10 hours of hunting. This was lower than 2018 (3.6 deer/10 hours

hunting) and equal to the average sighting rate over the past 10 years (Table 2). The buck sighting rate of 0.34 per 10 hours of hunting (about 1 buck per 29 hours) was slightly lower than the rate reported in 2018 (0.37), but still among the highest buck sighting rates since the department began tracking this number in 2003.
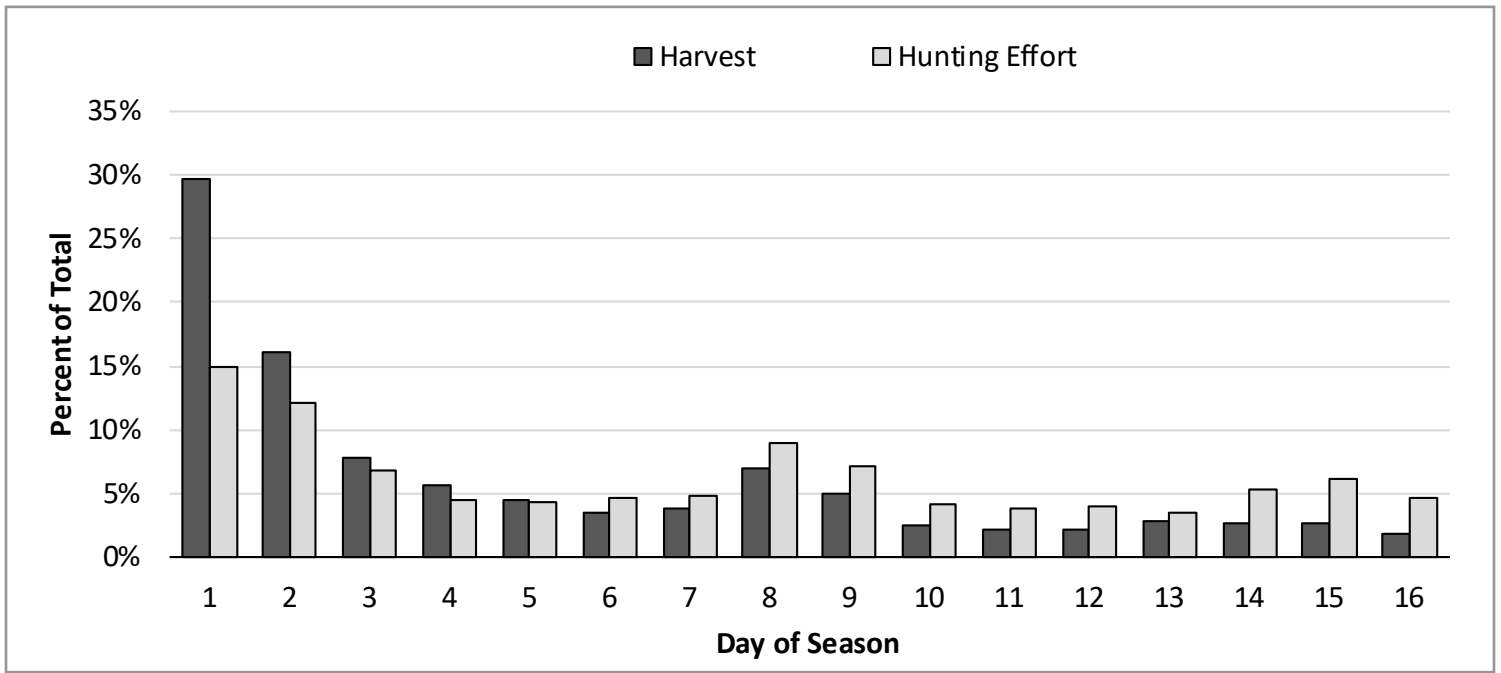
Figure 7. Daily hunting effort and buck harvest during the rifle season.

Table 2. Number of Deer Seen per 10 Hours Hunting by WMU as Reported by Rifle Hunters

WMU	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
A	2.7	3.5	4.6	4.5	3.0	1.5	4.1	2.6	4.9	6.3	5.4	4.7	3.9	5.6	7.1	5.5
B	2.1	3.6	3.6	4.1	3.3	3.0	3.0	2.0	3.3	3.9	3.6	2.1	4.1	3.8	5.1	4.1
C	1.2	2.4	1.9	3.2	2.7	2.9	2.4	1.2	2.1	2.5	2.3	1.3	1.8	2.2	3.0	2.3
D1[1]	1.1	3.3	3.8	2.9	3.3	2.6	2.4	2.1	2.8	2.5	3.2	1.9	2.6	3.2	4.4	2.4
D2[1]	1.0	2.7	2.0	3.4	2.8	2.4	2.3	2.0	2.1	2.9	2.1	1.2	1.8	2.3	2.2	1.9
E1[1]	0.5	0.7	1.2	1.9	1.1	1.0	0.9	0.7	1.3	1.1	1.3	0.4	0.9	1.4	0.9	1.1
E2[1]	0.5	0.7	1.2	1.9	1.1	1.0	0.9	0.7	1.3	1.1	1.2	0.7	1.0	1.4	0.7	1.1
F1	2.4	3.6	3.2	5.2	2.6	3.0	2.4	2.3	4.1	3.3	4.3	2.6	3.7	3.9	5.5	2.8
F2	2.1	3.1	3.0	3.8	3.6	1.7	3.5	1.8	4.6	1.8	2.5	1.7	2.9	2.8	3.3	3.5
G	1.7	1.6	1.9	2.9	2.0	2.2	1.7	1.7	1.8	2.9	1.8	1.5	1.8	2.6	3.2	2.5
H[1]	1.5	2.2	2.6	4.7	1.9	1.7	1.8	1.6	2.3	2.7	3.0	1.8	2.2	2.3	2.2	2.4
I	1.0	1.6	1.3	3.1	1.0	1.6	1.4	1.0	1.3	1.9	2.0	1.0	1.6	2.2	2.1	2.0
J1	1.8	3.6	3.9	4.2	3.3	2.0	2.9	2.4	2.5	2.6	2.8	1.8	3.9	4.5	4.9	3.2
J2[1]	2.3	3.1	3.2	3.9	2.4	2.1	2.3	2.1	2.4	2.0	2.4	2.9	2.6	3.0	4.2	2.6
K	2.3	3.7	3.5	3.6	4.1	3.1	2.6	2.8	3.7	2.4	2.4	2.0	2.5	2.3	5.1	2.5
L	1.2	1.6	1.5	1.8	1.7	1.8	1.6	1.4	1.3	1.7	1.5	1.6	3.0	2.1	1.8	1.3
M[2]	1.3	2.0	2.0	2.3	1.9	1.7	1.2	1.2	1.3	1.4	1.6	1.5	2.7	2.4	2.5	2.0
N	3.5	3.1	3.3	2.8	3.2	3.7	2.3	1.9	2.5	2.0	2.8	2.5	3.1	2.7	2.9	1.9
O[1,2]	1.7	2.9	3.4	4.3	2.6	2.0	1.7	1.5	2.9	3.1	2.8	1.6	2.4	2.6	3.2	2.2
P	1.8	2.1	1.2	1.2	1.2	1.0	0.8	1.0	1.2	0.9	1.7	1.1	1.3	1.4	1.9	1.3
Q[1]	2.3	2.0	1.4	3.5	1.6	1.3	0.5	1.2	1.4	2.0	2.4	1.2	1.3	1.2	2.1	1.2
Total	**1.8**	**2.8**	**2.7**	**3.5**	**2.6**	**2.2**	**2.2**	**1.8**	**2.5**	**2.5**	**2.6**	**1.8**	**2.6**	**2.8**	**3.6**	**2.5**

[1] WMU boundaries were changed in 2014.
[2] Prior to 2014, data shown for WMU M are from old WMUs M1 and O1. Data for WMU O are from old WMUs M2 and O2.

Muzzleloader Season (December 7–15, 2019)

Muzzleloader hunters harvested a total of 3,663 deer during the 9-day season. This was 41 percent less than 2018 (6,205) but similar to the harvests in 2016 and 2017 (3,563 and 3,672, respectively). The muzzleloader harvest was comprised of 19 percent antlered bucks, 68 percent adult does, and 13 percent fawns (Figure 8, Table 1).

Muzzleloader hunters play an important role in deer management, helping control total deer numbers in Vermont through the shooting of antlerless deer. In 2019, a total of 23,000 antlerless deer permits were authorized by the Fish and Wildlife Board for 18 of the state's 21 wildlife management units (WMUs). This represented a 15 percent decrease from the number of permits authorized in 2018 in response to the severe winter in some parts of Vermont. Antlerless permits were not recommended for WMUs E1, E2, and P, where deer populations were estimated to be below established long-term goals. Permit holder success was 14 percent statewide (2,966 antlerless deer harvested), varying from a high of 24 percent in WMUs C and D1 to a low of 10 percent in WMU Q (Table 3).

Figure 8. Age and sex distribution of the muzzleloader harvest.

Female Fawns - 285
8% of Harvest

Male Fawns - 188
5% of Harvest

Antlered Bucks - 697
19% of Harvest

Adult Does - 2,493
68% of Harvest

3,663 Deer Harvested
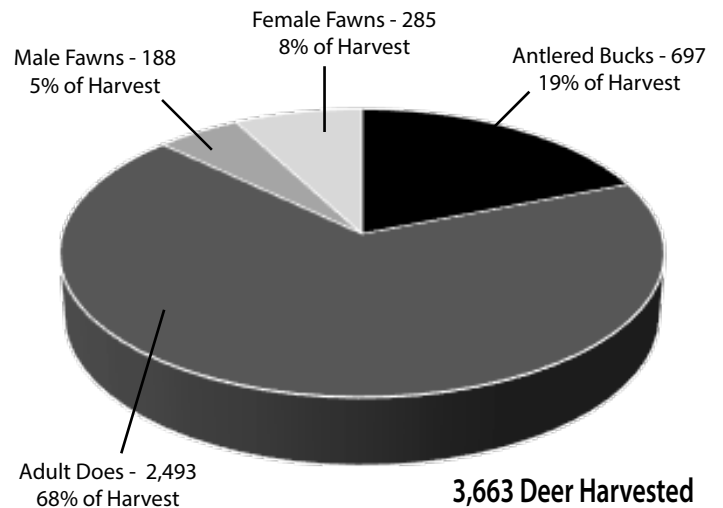
Table 3. 2019 Muzzleloader Antlerless Permit Allotments and Harvest by WMU

WMU	Permits Available	Permits Distributed	Landowner Permits[1]		Antlerless Harvest	% Success
A	1,100	939	12	(1%)	123	13%
B	5,500	5,500	165	(3%)	780	14%
C	300	300	110	(37%)	72	24%
D1	500	500	204	(41%)	121	24%
D2	300	300	93	(31%)	64	21%
F1	1,000	1,000	11	(1%)	134	13%
F2	1,300	1,300	31	(2%)	155	12%
G	300	300	53	(18%)	43	14%
H	400	400	115	(29%)	73	18%
I	300	300	21	(7%)	45	15%
J1	800	800	102	(13%)	155	19%
J2	2,000	2,000	180	(9%)	337	17%
K	4,000	2,440	33	(1%)	332	14%
L	300	300	13	(4%)	45	15%
M	300	300	26	(9%)	39	13%
N	2,000	1,462	7	(0%)	161	11%
O	2,000	2,000	67	(3%)	228	11%
Q	600	600	18	(3%)	59	10%
Total	**23,000**	**20,741**	**1,261**	**(6%)**	**2,966**	**14%**

[1]Permits issued through the landowner lottery. These are included in the total number of permits distributed.

Geographic Distribution

Deer are not evenly distributed across Vermont, and neither was the 2019 deer harvest. Deer harvest densities ranged from 6.8 deer/square mile in WMU A to 0.3 deer/square mile in WMU E2 (Figure 9). Areas west of the Green Mountains (WMUs A, B, F1, F2, K, and N) once again accounted for about 40 percent of the total deer harvest in 2019 (Table 4) despite having only 24 percent of the state's deer habitat. These areas have productive soils, a lot of farmland, and generally experience easier winter conditions than the rest of the state, allowing them to sustain higher deer densities. WMU B alone accounted for 18 percent of the total harvest with only 7 percent of the total deer habitat.
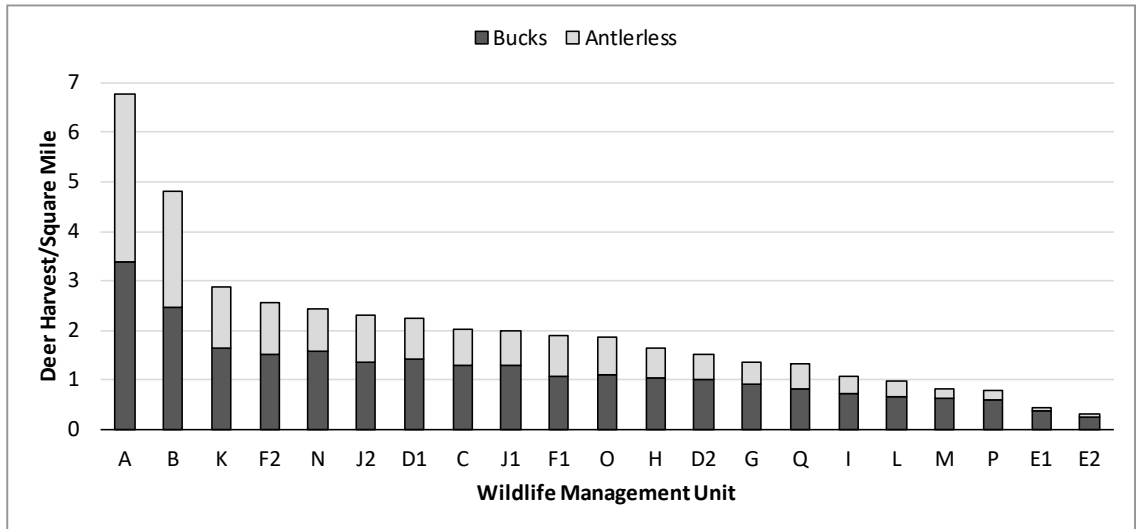
Figure 9. Antlered buck and total deer harvest density by wildlife management unit.

The distribution of the deer harvest changes over time as habitat conditions change. In 2019, 12 towns recorded their highest total deer harvests ever, and another 59 towns had total deer harvests among their 10 best (Figure 10). Conversely, 28 towns had total deer harvests that were among their 10 worst since 1960.

Table 6 provides a breakdown of the harvest by county, town, and season. A map of the 2019 deer harvest distribution by town and WMU is available at the end of this report.

Bag Limits

A total of 13,687 individual hunters were successful at harvesting a deer in 2019. Of those, 2,091 (15 percent) harvested two deer, and 388 (3 percent) reached the 3-deer bag limit for all seasons (Figure 11). The percentages of hunters harvesting 2 or 3 deer were lower than those observed in 2018 (18 percent and 4 percent, respectively) but similar to prior years. Table 5 provides a detailed breakdown of the number of antlered bucks and antlerless deer harvested by individual successful hunters.

Figure 11. Percentage of successful hunters harvesting 1, 2, or 3 deer in 2019.

Figure 10. Towns with record or near-record total deer harvests in 2019.

Table 4. 2019 Deer Harvest by Wildlife Management Unit and Season

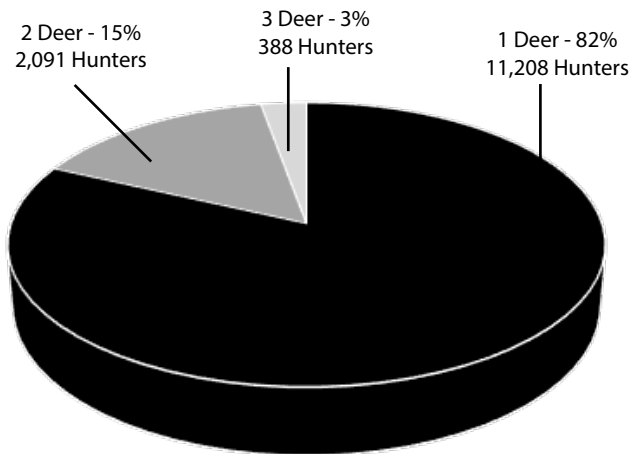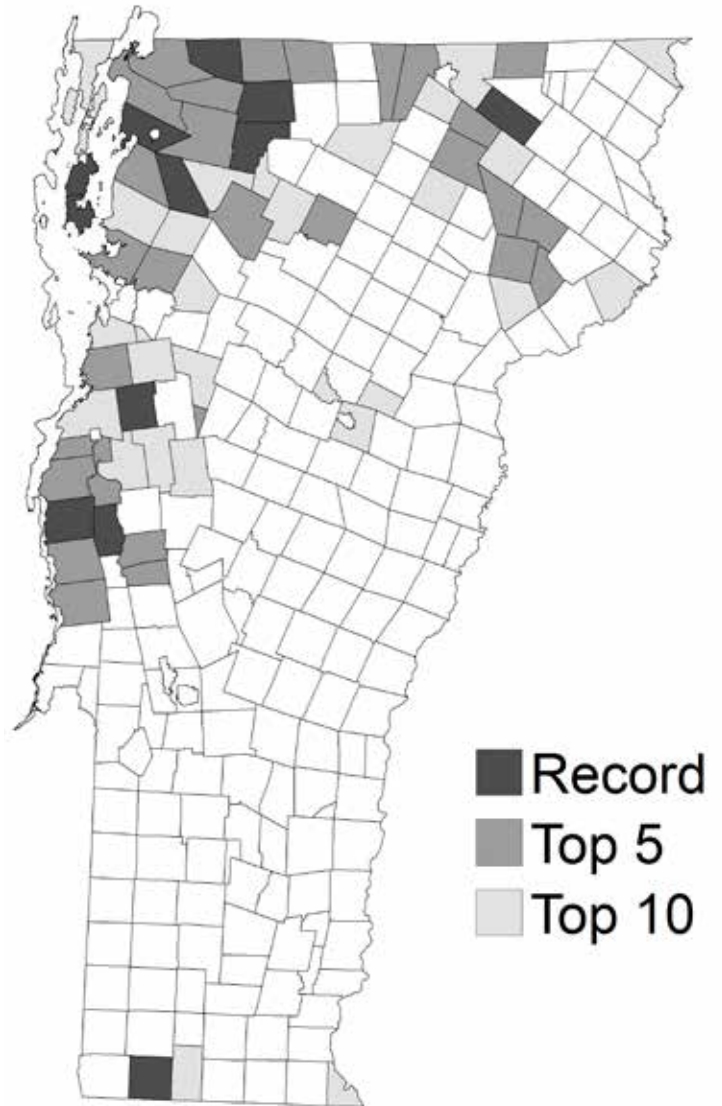| WMU	Archery Buck	Archery Antlerless	Youth Buck	Youth Antlerless	Rifle Buck	Muzzleloader Buck	Muzzleloader Antlerless	Total Buck	Total Antlerless	Total Harvest
A	43	97	20	18	161	16	123	240	238	478
B	215	502	188	153	1,037	81	780	1,521	1,435	2,956
C	46	149	38	65	384	27	72	495	286	781
D1	107	246	103	114	551	42	121	803	481	1,284
D2	31	94	30	40	304	27	64	392	198	590
E1	9	11	3	8	97	8		117	19	136
E2	2	8	3	4	77	4		86	12	98
F1	43	99	34	24	245	19	134	341	257	598
F2	47	93	43	25	293	27	155	410	273	683
G	26	102	22	21	286	21	43	355	166	521
H	70	188	33	45	402	31	73	536	306	842
I	19	78	12	14	246	32	45	309	137	446
J1	82	185	35	37	508	55	155	680	377	1,057
J2	66	254	66	78	745	81	337	958	669	1,627
K	52	158	63	47	555	50	332	720	537	1,257
L	16	58	7	17	192	22	45	237	120	357
M	17	40	7	8	231	29	39	284	87	371
N	39	81	56	30	387	29	161	511	272	783
O	58	150	36	39	456	51	228	601	417	1018
P	31	59	20	23	194	30		275	82	357
Q	17	60	4	4	151	15	59	187	123	310
Total	**1,036**	**2,712**	**823**	**814**	**7,502**	**697**	**2,966**	**10,058**	**6,492**	**16,550**

Biological Data Collection

Each fall department biologists visit big game reporting stations throughout the state to collect biological information from harvested deer. These data are important for monitoring the health of Vermont's deer herd and evaluating the effects of deer management strategies. In 2019 the department operated 23 biological reporting stations during the youth season and 9 during opening weekend of the rifle season and examined a total of 1,276 deer.

Youth season is an important data collection period because youth hunters may harvest any deer regardless of sex, age or antler characteristics. Biologists examined 692 deer (42 percent of the youth harvest) during youth weekend, including 360 antlered bucks, 247 adult does, and 85 fawns. Yearlings accounted for 49 percent of antlered bucks examined during youth weekend, 39 percent were 2 years old, and 12 percent were 3 years old or older (Table 6).

Data collected during the rifle season provide additional information on age and antler development in legal-antlered bucks and, when compared to youth season data, allow the department to assess the effect of the antler restriction on the harvest. Since 2015, a concerted effort has been made to collect additional data on buck age structure and antler development. Biologists examined 584 antlered bucks (8 percent of the rifle harvest) during the 2019 rifle season.

Additionally, the department asked all successful rifle season hunters to provide a tooth from their deer. This effort resulted in an additional 2,782 teeth (37 percent of the rifle

Table 5. Number of Antlered Bucks and Total Deer Harvested by Individual Successful Hunters in 2019

		Antlered Bucks 0	Antlered Bucks 1	Antlered Bucks 2	Total
Antlerless Deer	0		7,293	478	7,771 (57%)
	1	3,915	1,254	185	5,354 (39%)
	2	359	187		546 (4%)
	3	16			16 (0%)
	Total	4,290 (31%)	8,734 (64%)	663 (5%)	13,687

Table 6. Average Dressed Weights and Antler Beam Diameters (ABD) of Deer Examined at Biological Reporting Stations During Youth Season

	Age	Weight (lbs)	ABD (mm)	Sample Size	% of Adults
Males	0	62.6		41	
	1	113.8	15.7	173	49%
	2	137.5	23.0	138	39%
	3	157.9	29.0	30	9%
	4+	169.8	30.2	11	3%

	Age	Weight		Sample Size	% of Adults
Females	0	58.1		44	
	1	99.0		52	21%
	2	110.2		49	20%
	3	110.0		40	17%
	4+	118.0		101	42%

harvest). In total, accurate age information will be available for 45 percent of the rifle buck harvest and 37 percent of the total buck harvest. These data will allow for comparison of age distribution and antler development among different regions of the state and improve the precision of statewide and regional population estimates.

Hunter Numbers and License Sales

There were 77,289 licensed hunters in Vermont in 2019. On average, about 85 percent of licensed hunters actually hunt deer in a given year, resulting in an estimated 66,000 active deer hunters in 2019. Hunting and combination license sales continue to decline, but almost one quarter of licensed Vermont hunters now hold lifetime or permanent licenses. Sales of add-on archery and muzzleloader licenses have been stable, suggesting the number of avid deer hunters may not be declining (Figure 12).

Looking to the Future

The winter of 2019-2020 has been relatively easy for deer in much of Vermont. Significant snow didn't arrive until late January, and, although snow cover has been persistent, snow depths have remained relatively shallow in most areas through February. Winter severity in March and April has the greatest effect on overwinter deer survival, so it's too early to make predictions. However, the winter severity index will most likely be below average in most areas. This means deer numbers are likely to increase in many areas in 2020. Unfortunately, population increases are not desirable in most areas, particularly the areas experiencing the mildest winters.

New Deer Hunting Regulations

Some significant changes to deer hunting regulations will take effect in 2020. These changes are the result of the department's Comprehensive Deer Management Evaluation, which began in 2013 and involved significant hunter input as well as collection and analysis of additional biological data from Vermont's deer. The changes are intended to provide hunters with additional opportunities to hunt antlerless deer to maintain a stable and healthy herd. They continue to manage for older, larger-antlered bucks, but in a way that better reflects regional differences and minimizes potential negative effects. Additionally, they are intended to encourage Vermonters to become and remain hunters. A summary of these changes is available in the 2020 law digest and on the department's website. Additional information on the basis for these changes can be found in the department's *Deer Rule Change Recommendation* to the Fish and Wildlife Board and in the *Comprehensive Deer Management Evaluation Final Report*.

New Big Game Management Plan

The department recently completed draft development of the 2020-2030 Big Game Management Plan. The plan identifies the major issues facing each of Vermont's four big game species, establishes management goals, and guides management actions for the next decade.
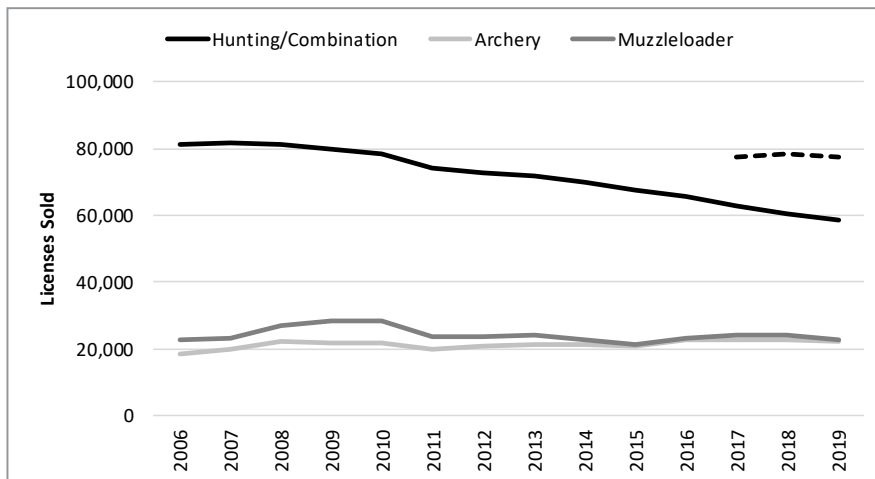
Figure 12. Hunting license sales during 2006-2019. The dotted line represents the total number of licensed hunters, including people who renewed their lifetime or permanent license. Figures include both resident and non-resident licenses.

Heaviest Deer

A total of 88 deer were reported with scaled weights of 200 pounds or more. The heaviest deer weighed 248 pounds and was taken in the town of Norton. At least one 200-pound deer was reported from every WMU except P and Q. For more information on large deer harvested in Vermont, check out the Vermont Big Game Trophy Club.

Table 7. Bucks Harvested in 2019 Weighing at Least 200 Pounds
(Weights have been corrected to account for remaining organs. Weights in parentheses are the reported weights of deer that were not completely field dressed.)

Season	WMU	Town	Weight		Points
Bow	E1	NORTON	248		9
Rifle	M	LONDONDERRY	235		8
Bow	D1	COVENTRY	230		8
Rifle	I	GOSHEN	230		10
Rifle	J2	LUNENBURG	229		6
Rifle	J2	LUNENBURG	227		10
Youth	D1	CHARLESTON	226		8
Youth	E1	CANAAN	223	*(226)*	8
Rifle	D1	ALBANY	222		9
Rifle	D2	KIRBY	222		9
Rifle	F2	NEW HAVEN	219		9
Youth	D2	WESTMORE	218	*(231)*	8
Rifle	E1	LEWIS	218	*(221)*	8
Rifle	D1	CHARLESTON	218		6
Rifle	J1	BETHEL	217		8
Rifle	F1	ORWELL	216		8
Rifle	G	HUNTINGTON	216		8

Table 7. Bucks Harvested in 2019 Weighing at Least 200 Pounds
(Weights have been corrected to account for remaining organs. Weights in parentheses are the reported weights of deer that were not completely field dressed.)

Season	WMU	Town	Weight		Points	Season	WMU	Town	Weight		Points
Rifle	M	ANDOVER	216		8	Bow	F1	SHELBURNE	200		8
Bow	D1	HARDWICK	215		8	Bow	J2	NORWICH	200		8
Rifle	O	CAVENDISH	215		5	Rifle	G	CAMBRIDGE	200		8
Rifle	H	PEACHAM	214	(218)	10	Rifle	O	CHESTER	200		8
Rifle	D1	ALBANY	212		8	Rifle	B	ST ALBANS	200		6
Rifle	J1	WILLIAMSTOWN	212		8	Rifle	K	TINMOUTH	200		5
Rifle	O	WEST WINDSOR	212		6	Bow	B	ENOSBURG	200		8
Rifle	E1	LEWIS	209		6	Rifle	E1	NORTON	200		9
Rifle	B	ESSEX	208		6	Bow	D1	BROWNINGTON	200		8
Rifle	H	ELMORE	208		7	Rifle	F2	ST GEORGE	199	(211)	7
Rifle	E2	BRUNSWICK	207		7	Rifle	J2	DANVILLE	199	(202)	8
Rifle	D1	CRAFTSBURY	206		8	Rifle	E2	MAIDSTONE	198	(210)	11
Rifle	J2	FAIRLEE	206		9	Rifle	H	GROTON	196	(208)	8
Bow	D1	TROY	205		7	Youth	D1	IRASBURG	196	(205)	8
Bow	E2	KIRBY	205		7	Rifle	G	STARKSBORO	196	(205)	6
Rifle	G	WATERBURY	205		10	Rifle	D1	BROWNINGTON	194	(200)	7
Rifle	D1	LOWELL	205		8	Rifle	E2	LUNENBURG	193	(205)	3
Rifle	D1	LOWELL	205		7	Bow	D1	BARTON	193	(202)	8
Rifle	D1	COVENTRY	205		8	Rifle	D2	ST JOHNSBURY	192	(204)	8
Rifle	C	MONTGOMERY	205		14	Rifle	J2	WEST FAIRLEE	192	(204)	6
Rifle	A	SOUTH HERO	204		8	Rifle	D2	ST JOHNSBURY	191	(203)	8
Rifle	B	BERKSHIRE	204		6	Rifle	F2	NEW HAVEN	191	(203)	5
Rifle	N	SANDGATE	204		8	Rifle	J2	DANVILLE	189	(201)	8
Rifle	J2	LUNENBURG	204		8	Bow	D1	WOLCOTT	188	(200)	4
Rifle	C	JAY	204		10	Rifle	B	COLCHESTER	188	(200)	5
Rifle	C	RICHFORD	203	(206)	9						
Rifle	L	PERU	203		8						
Rifle	C	ENOSBURG	203		8						
Rifle	H	STOWE	202	(208)	8						
Rifle	C	BAKERSFIELD	202		9						
Bow	D1	NEWPORT	202		4						
Rifle	D1	GLOVER	202		10						
Rifle	F1	BRIDPORT	202		9						
Rifle	D2	WESTMORE	202		4						
Youth	B	HIGHGATE	201		8						
Rifle	J2	CHELSEA	201		8						
Bow	B	BERKSHIRE	201		6						
Youth	I	LINCOLN	201		8						
Youth	B	FAIRFIELD	201		4						
Rifle	E1	BRUNSWICK	201		6						
Rifle	D1	HARDWICK	201		8						
Rifle	G	MORRISTOWN	201		8						
Rifle	L	LANDGROVE	201		9						
Bow	J1	BERLIN	200	(206)	7						
Rifle	A	ALBURGH	200		8						
Bow	D2	WHEELOCK	200		7						

photo courtesy of VT Big Game Trophy Club

Table 8. 2019 Legal Deer Harvest by County, Town and Season

County	Town	Archery	Youth	Rifle	Muzzleloader	Total	Harvest/Mi.^{2}
ADDISON	ADDISON	10	2	26	13	51	1.21
	BRIDPORT	14	2	27	17	60	1.36
	BRISTOL	9	8	42	16	75	1.88
	CORNWALL	11	5	31	30	77	2.66
	FERRISBURG	27	14	39	21	101	2.10
	GOSHEN	1	0	12	5	18	0.86
	GRANVILLE	0	0	12	6	18	0.35
	HANCOCK	0	0	10	5	15	0.38
	LEICESTER	6	6	19	10	41	1.95
	LINCOLN	26	6	35	16	83	1.80
	MIDDLEBURY	26	8	23	13	70	1.79
	MONKTON	16	2	40	22	80	2.22
	NEW HAVEN	17	14	46	36	113	2.76
	ORWELL	21	20	59	37	137	2.91
	PANTON	6	3	1	10	20	1.25
	RIPTON	6	2	33	6	47	0.96
	SALISBURY	14	10	20	15	59	2.03
	SHOREHAM	29	11	48	26	114	2.65
	STARKSBORO	14	8	54	17	93	2.07
	VERGENNES	0	0	0	0	0	0.00
	WALTHAM	1	2	9	2	14	1.56
	WEYBRIDGE	10	3	12	8	33	1.94
	WHITING	4	3	7	1	15	1.07
	TOTAL	**268**	**129**	**605**	**332**	**1,334**	**1.74**
BENNINGTON	ARLINGTON	8	7	49	17	81	1.93
	BENNINGTON	36	21	55	23	135	3.21
	DORSET	4	10	40	19	73	1.55
	GLASTENBURY	0	0	5	0	5	0.11
	LANDGROVE	0	0	4	1	5	0.56
	MANCHESTER	2	2	13	4	21	0.50
	PERU	2	0	9	1	12	0.32
	POWNAL	38	26	72	37	173	3.68
	READSBORO	15	6	15	1	37	1.03
	RUPERT	11	12	56	24	103	2.29
	SANDGATE	3	1	39	13	56	1.33
	SEARSBURG	1	0	4	0	5	0.24
	SHAFTSBURY	32	19	53	33	137	3.19
	STAMFORD	15	4	25	5	49	1.26
	SUNDERLAND	4	3	18	10	35	0.78
	WINHALL	3	2	8	2	15	0.34
	WOODFORD	4	2	8	1	15	0.32
	TOTAL	**178**	**115**	**473**	**191**	**957**	**1.42**
CALEDONIA	BARNET	11	12	56	35	114	2.71
	BURKE	13	7	32	6	58	1.71
	DANVILLE	21	5	41	12	79	1.30

Table 8. 2019 Legal Deer Harvest by County, Town and Season

County	Town	Archery	Youth	Rifle	Muzzleloader	Total	Harvest/Mi.^{2}
CALEDONIA *(cont.)*	GROTON	4	4	30	7	45	0.83
	HARDWICK	13	7	26	10	56	1.47
	KIRBY	5	3	16	5	29	1.16
	LYNDON	23	11	31	11	76	1.95
	NEWARK	1	2	18	3	24	0.65
	PEACHAM	5	1	22	4	32	0.68
	RYEGATE	20	12	45	29	106	2.94
	SHEFFIELD	1	1	13	5	20	0.61
	ST JOHNSBURY	21	15	44	13	93	2.58
	STANNARD	3	2	13	5	23	1.77
	SUTTON	6	6	21	13	46	1.21
	WALDEN	5	2	20	2	29	0.74
	WATERFORD	23	10	39	28	100	2.63
	WHEELOCK	6	4	16	1	27	0.68
	TOTAL	**181**	**104**	**483**	**189**	**957**	**1.47**
CHITTENDEN	BOLTON	5	1	25	6	37	0.88
	BUELS GORE	0	0	3	1	4	0.80
	BURLINGTON	0	0	0	0	0	0.00
	CHARLOTTE	16	5	30	14	65	1.59
	COLCHESTER	31	11	35	19	96	2.67
	ESSEX	32	3	37	26	98	2.51
	HINESBURG	10	8	31	29	78	2.00
	HUNTINGTON	23	6	48	13	90	2.37
	JERICHO	22	7	29	23	81	2.31
	MILTON	25	14	52	47	138	2.71
	RICHMOND	13	1	39	15	68	2.13
	SHELBURNE	19	1	9	5	34	1.42
	SOUTH BURLINGTON	0	0	0	0	0	0.00
	ST GEORGE	2	0	2	2	6	1.50
	UNDERHILL	29	4	50	21	104	2.04
	WESTFORD	29	8	46	28	111	2.85
	WILLISTON	10	5	17	7	39	1.30
	WINOOSKI	0	0	1	1	2	2.00
	TOTAL	**266**	**74**	**454**	**257**	**1,051**	**1.97**
ESSEX	AVERILL	0	0	3	0	3	0.08
	AVERYS GORE	0	0	3	0	3	0.17
	BLOOMFIELD	1	1	17	4	23	0.58
	BRIGHTON	5	0	15	0	20	0.38
	BRUNSWICK	1	1	6	1	9	0.36
	CANAAN	5	3	20	2	30	0.91
	CONCORD	7	3	19	21	50	0.98
	EAST HAVEN	0	1	6	1	8	0.22
	FERDINAND	0	0	3	0	3	0.06
	GRANBY	0	0	4	0	4	0.10
	GUILDHALL	2	0	4	0	6	0.18

Table 8. 2019 Legal Deer Harvest by County, Town and Season

County	Town	Archery	Youth	Rifle	Muzzleloader	Total	Harvest/Mi.^{2}
ESSEX *(cont.)*	LEMINGTON	1	0	10	0	11	0.31
	LEWIS	0	0	7	0	7	0.18
	LUNENBURG	4	3	26	14	47	1.04
	MAIDSTONE	2	1	11	0	14	0.45
	NORTON	5	5	20	0	30	0.79
	VICTORY	0	0	3	1	4	0.09
	WARNERS GRANT	0	0	0	0	0	0.00
	WARREN GORE	0	0	0	0	0	0.00
	TOTAL	**33**	**18**	**177**	**44**	**272**	**0.41**
FRANKLIN	BAKERSFIELD	55	26	79	44	204	4.86
	BERKSHIRE	40	29	78	66	213	5.07
	ENOSBURG	67	40	106	63	276	5.75
	FAIRFAX	68	28	65	50	211	5.28
	FAIRFIELD	75	58	105	125	363	5.42
	FLETCHER	31	12	49	50	142	3.74
	FRANKLIN	68	38	96	77	279	7.34
	GEORGIA	31	14	51	48	144	3.69
	HIGHGATE	82	47	121	74	324	6.35
	MONTGOMERY	11	8	61	8	88	1.57
	RICHFORD	45	22	52	20	139	3.23
	SHELDON	44	29	65	62	200	5.13
	ST ALBANS	22	8	30	18	78	2.11
	SWANTON	36	14	60	29	139	2.90
	TOTAL	**675**	**373**	**1018**	**734**	**2,800**	**4.46**
GRAND ISLE	ALBURGH	38	12	62	51	163	5.62
	GRAND ISLE	41	11	28	21	101	6.31
	ISLE LA MOTTE	13	3	17	9	42	5.25
	NORTH HERO	15	1	26	21	63	5.25
	SOUTH HERO	33	11	28	37	109	7.27
	TOTAL	**140**	**38**	**161**	**139**	**478**	**5.98**
LAMOILLE	BELVIDERE	2	1	13	0	16	0.44
	CAMBRIDGE	44	17	81	40	182	2.89
	EDEN	11	2	17	0	30	0.48
	ELMORE	12	1	19	1	33	0.85
	HYDE PARK	21	10	28	9	68	1.79
	JOHNSON	22	11	40	17	90	2.00
	MORRISTOWN	21	5	33	8	67	1.31
	STOWE	29	9	36	7	81	1.13
	WATERVILLE	17	2	24	4	47	2.94
	WOLCOTT	20	6	34	4	64	1.64
	TOTAL	**199**	**64**	**325**	**90**	**678**	**1.47**
ORANGE	BRADFORD	25	7	36	19	87	2.90
	BRAINTREE	13	7	40	16	76	2.00

Table 8. 2019 Legal Deer Harvest by County, Town and Season

| County	Town	Archery	Youth	Rifle	Muzzleloader	Total	Harvest/Mi.^{2}
ORANGE *(cont.)*	BROOKFIELD	24	1	39	19	83	2.02
	CHELSEA	11	9	52	32	104	2.60
	CORINTH	11	16	36	18	81	1.69
	FAIRLEE	13	3	22	12	50	2.50
	NEWBURY	24	7	49	35	115	1.80
	ORANGE	6	3	23	11	43	1.10
	RANDOLPH	23	9	44	21	97	2.02
	STRAFFORD	18	7	43	20	88	2.00
	THETFORD	19	11	57	27	114	2.65
	TOPSHAM	9	5	29	13	56	1.14
	TUNBRIDGE	24	13	56	23	116	2.58
	VERSHIRE	10	3	23	11	47	1.31
	WASHINGTON	9	8	29	13	59	1.51
	WEST FAIRLEE	2		22	7	31	1.35
	WILLIAMSTOWN	54	16	59	30	159	3.98
	TOTAL	**295**	**125**	**659**	**327**	**1,406**	**2.05**
ORLEANS	ALBANY	9	14	35	15	73	1.92
	BARTON	39	14	42	12	107	2.49
	BROWNINGTON	23	11	31	5	70	2.50
	CHARLESTON	33	11	33	15	92	2.49
	COVENTRY	12	8	23	8	51	1.89
	CRAFTSBURY	11	5	29	3	48	1.23
	DERBY	46	43	54	15	158	3.22
	GLOVER	15	19	30	6	70	1.84
	GREENSBORO	8	4	31	10	53	1.39
	HOLLAND	34	15	56	5	110	2.89
	IRASBURG	17	15	43	12	87	2.18
	JAY	3	2	22	7	34	1.00
	LOWELL	6	8	29	7	50	0.89
	MORGAN	12	7	28	8	55	1.77
	NEWPORT	47	15	48	28	138	3.37
	TROY	34	28	41	18	121	3.36
	WESTFIELD	2	4	9	3	18	0.45
	WESTMORE	2	4	17	6	29	0.85
	TOTAL	**353**	**227**	**601**	**183**	**1,364**	**1.99**
RUTLAND	BENSON	17	13	48	44	122	2.84
	BRANDON	19	1	32	17	69	1.73
	CASTLETON	19	11	48	25	103	2.64
	CHITTENDEN	14	4	37	10	65	0.89
	CLARENDON	23	9	42	27	101	3.26
	DANBY	16	1	41	15	73	1.74
	FAIR HAVEN	9	7	20	12	48	2.82
	HUBBARDTON	8	4	33	20	65	2.41
	IRA	6	0	17	12	35	1.59
	KILLINGTON	0	0	7	1	8	0.17

Table 8. 2019 Legal Deer Harvest by County, Town and Season

County	Town	Archery	Youth	Rifle	Muzzleloader	Total	Harvest/Mi.^{2}
RUTLAND *(cont.)*	MENDON	7	0	11	2	20	0.53
	MIDDLETOWN SPRINGS	8	1	36	23	68	2.96
	MOUNT HOLLY	16	2	38	5	61	1.27
	MOUNT TABOR	0	1	15	11	27	0.61
	PAWLET	17	16	72	47	152	3.53
	PITTSFIELD	3	0	10	3	16	0.80
	PITTSFORD	24	11	47	21	103	2.40
	POULTNEY	19	11	57	30	117	2.79
	PROCTOR	1	3	8	12	24	3.43
	RUTLAND	19	8	24	19	70	3.68
	SHREWSBURY	17	8	31	12	68	1.39
	SUDBURY	8	3	19	4	34	1.62
	TINMOUTH	7	3	30	24	64	2.21
	WALLINGFORD	16	4	34	23	77	1.79
	WELLS	17	9	35	20	81	3.68
	WEST HAVEN	8	11	36	25	80	2.96
	WEST RUTLAND	15	3	26	14	58	3.22
	TOTAL	**333**	**144**	**854**	**478**	**1,809**	**1.97**
WASHINGTON	BARRE	59	17	39	17	132	4.26
	BERLIN	24	7	42	16	89	2.47
	CABOT	9	4	17	3	33	0.89
	CALAIS	12	4	34	9	59	1.55
	DUXBURY	7	3	13	8	31	0.72
	EAST MONTPELIER	46	6	48	13	113	3.53
	FAYSTON	12	1	24	3	40	1.11
	MARSHFIELD	11	3	37	17	68	1.58
	MIDDLESEX	29	11	50	8	98	2.51
	MONTPELIER	25	4	6	2	37	3.70
	MORETOWN	15	6	36	8	65	1.63
	NORTHFIELD	16	5	45	12	78	1.73
	PLAINFIELD	24	9	30	16	79	3.76
	ROXBURY	2	1	19	5	27	0.64
	WAITSFIELD	9	3	17	7	36	1.38
	WARREN	4	2	26	12	44	1.10
	WATERBURY	24	3	35	10	72	1.50
	WOODBURY	5		13	5	23	0.61
	WORCESTER	7	1	14	5	27	0.69
	TOTAL	**340**	**90**	**545**	**176**	**1,151**	**1.68**
WINDHAM	ATHENS	1	0	4	0	5	0.36
	BRATTLEBORO	19	3	22	9	53	1.66
	BROOKLINE	4	1	14	2	21	1.62
	DOVER	4	1	15	3	23	0.64
	DUMMERSTON	20	2	30	31	83	2.68
	GRAFTON	2	1	13	3	19	0.50
	GUILFORD	34	4	53	26	117	3.00

Table 8. 2019 Legal Deer Harvest by County, Town and Season

County	Town	Archery	Youth	Rifle	Muzzleloader	Total	Harvest/Mi.^{2}
WINDHAM *(cont.)*	HALIFAX	12	0	26	15	53	1.33
	JAMAICA	2	0	21	9	32	0.65
	LONDONDERRY	5	2	17	5	29	0.83
	MARLBORO	4		12	6	22	0.55
	NEWFANE	6	1	32	21	60	1.50
	PUTNEY	10	2	18	14	44	1.63
	ROCKINGHAM	15	6	21	22	64	1.56
	SOMERSET	1	0	5	0	6	0.24
	STRATTON	0	0	7	0	7	0.15
	TOWNSHEND	5	2	17	9	33	0.79
	VERNON	14	2	25	3	44	2.32
	WARDSBORO	3	0	10	6	19	0.66
	WESTMINSTER	11	3	17	12	43	0.96
	WHITINGHAM	18	3	21	3	45	1.22
	WILMINGTON	18	5	23	2	48	1.20
	WINDHAM	1	0	4	1	6	0.23
	TOTAL	**209**	**38**	**427**	**202**	**876**	**1.12**
WINDSOR	ANDOVER	1	1	16	2	20	0.69
	BALTIMORE	0	0	3	1	4	0.80
	BARNARD	2	1	19	8	30	0.63
	BETHEL	8	1	31	11	51	1.13
	BRIDGEWATER	3	1	30	5	39	0.78
	CAVENDISH	15	3	29	9	56	1.44
	CHESTER	11	1	36	15	63	1.13
	HARTFORD	28	14	60	24	126	2.80
	HARTLAND	28	13	42	23	106	2.36
	LUDLOW	4	5	26	6	41	1.14
	NORWICH	53	11	62	42	168	3.82
	PLYMOUTH	2	0	9	6	17	0.35
	POMFRET	4	7	29	25	65	1.67
	READING	2	3	19	2	26	0.63
	ROCHESTER	7	1	25	11	44	0.77
	ROYALTON	16	5	36	13	70	1.75
	SHARON	17	5	48	10	80	2.00
	SPRINGFIELD	28	14	47	38	127	2.59
	STOCKBRIDGE	2	0	22	5	29	0.63
	WEATHERSFIELD	12	5	40	23	80	1.86
	WEST WINDSOR	7	3	19	6	35	1.40
	WESTON	0	0	10	0	10	0.29
	WINDSOR	7	0	19	9	35	1.84
	WOODSTOCK	21	4	43	27	95	2.16
	TOTAL	**278**	**98**	**720**	**321**	**1,417**	**1.46**
STATE	**TOTAL**	**3,748**	**1,637**	**7,502**	**3,663**	**16,550**	**1.80**

Figure 12. Distribution of Vermont's 2019 deer harvest by town and wildlife management unit.
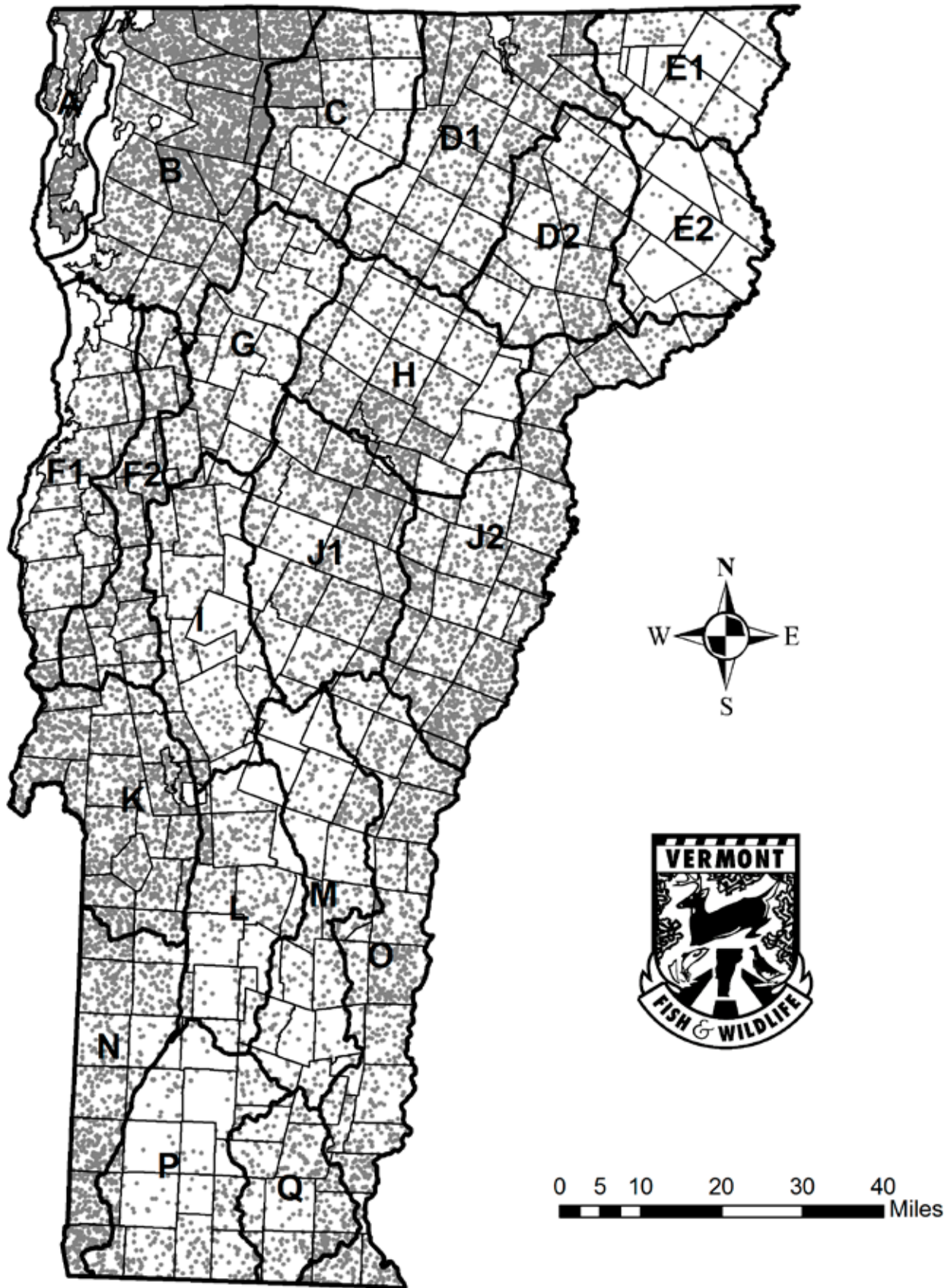
Each dot represents a single deer harvested in the underlying town and wildlife management unit.
Dots do not show the exact location of harvest, and some dots may not be visible on the map.