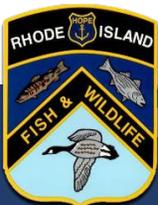


State of Rhode Island Department of Environmental Management Division of Fish & Wildlife

Summary of Deer Hunter & Deer Harvest Data from 2018 - 2019 Season



Summary of Deer Hunter & Deer Harvest Data

Prepared by the Rhode Island
Department of Environmental Management

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Introduction

This summary offers an overview of deer hunting and harvest in Rhode Island for the 2018-19 deer hunting season. This information will serve to guide future management decisions to ensure there is continued hunting opportunity for hunters while maintaining a healthy deer population.

Rhode Island offers ample opportunity for hunters to harvest white-tailed deer across the state with lengthy seasons, generous bag limits and plenty of public land accessibility. Rhode Island's extensive deer season begins with archery (including crossbows), which runs from mid-September through the end of January. A month-long muzzleloader season begins the first Saturday of November typically coinciding with the rut, giving hunters a high chance of harvesting a mature buck if they desire. Shotgun season follows the muzzleloader season for 1-2 weeks, depending on the location (zone). A private land antlerless deer only season is open from the end of December to the beginning of January, which follows the shotgun season and allows for firearms hunters to further reduce deer densities on private properties. Liberal bag limits allow for the take of two* antlered and multiple antlerless deer across the state. In addition, Sunday hunting is permitted in most areas** further increasing hunting opportunity.

Please see **Appendix I** for a summary of 2018-2019 deer hunting regulations, seasons, and bag limits. The complete set of rules and regulations pertaining to hunting can be found on our website at <http://www.dem.ri.gov/documents/regulations/index.php>.

*Only one may be taken in Zone 3

**Check local ordinances

Regulation Changes

2018-19 Hunting Season

- The use or possession of natural deer urine lures was prohibited as an additional precautionary measure to further minimize the potential for CWD to be introduced into Rhode Island.
- Rhode Island hunting licenses and tags are available online at www.ri.gov/dem/huntfish.
- Hunters were able to report harvests through the online licensing system in place of previously used kill cards.
- Tiverton Rod and Gun Club was eliminated as a deer check station due to low numbers of hunters utilizing the check station.
- Tree stands may not be installed on state-owned and co-op property prior to August 15th and must be removed prior to February 15th annually.

2019-20 Hunting Season

- There are no significant changes for the upcoming 2019-20 deer season.
- The changes from 2018-19 are still in effect.

Appendices

See Appendix I for a summary of 2018-2019 deer hunting regulations.

See Appendix II for deer harvest tables.

See Appendix III for a map of Deer Management Zones and daily deer harvest.

Harvest

Since the first regulated hunting season in Rhode Island in 1954, there has been tremendous changes in deer population, land use, habitat types, hunter effort, and public perception of wildlife and hunters. Deer harvest has also seen significant changes over time. Harvest data dates back to 1977 (Figure 1) when statewide harvest was 157. Since then, harvest steadily increased until 2008, when harvest peaked around 3,000 deer. Harvest declined approximately 30% between 2008 to 2014 to around 2,000 deer where it has remained for the past five years. In 2018-19, 2,125 deer were harvested, a 13% increase from the previous season's harvest of 1,886. This increase in harvest could be attributed to many factors, including the launch of the new online licensing system. The online licensing system gave hunters the ability to report their deer over the phone or online via a smart phone, tablet or computer and may have increased the percentage of hunters reporting their harvest.

As depicted in Figure 2, of all 2,125 deer harvested, a total of 994 (47%) were antlered and 1,131 (53%) were antlerless. This is consistent with past harvest results, as antlerless harvest has exceeded antlered harvest since 2011 (App. 2 - Table 1). Interestingly, of the 994 antlered deer harvested, 10 of those were reported to be females with antlers.

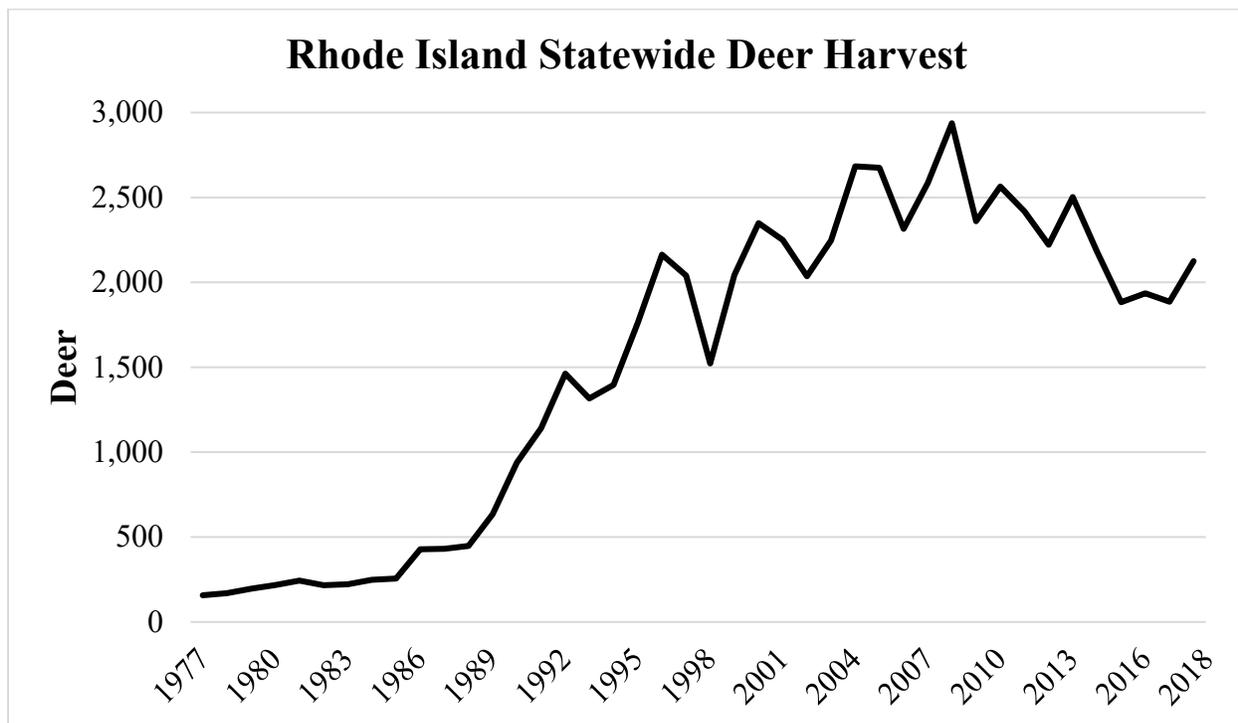


Figure 1. Overall statewide harvest from 1977 to 2018.

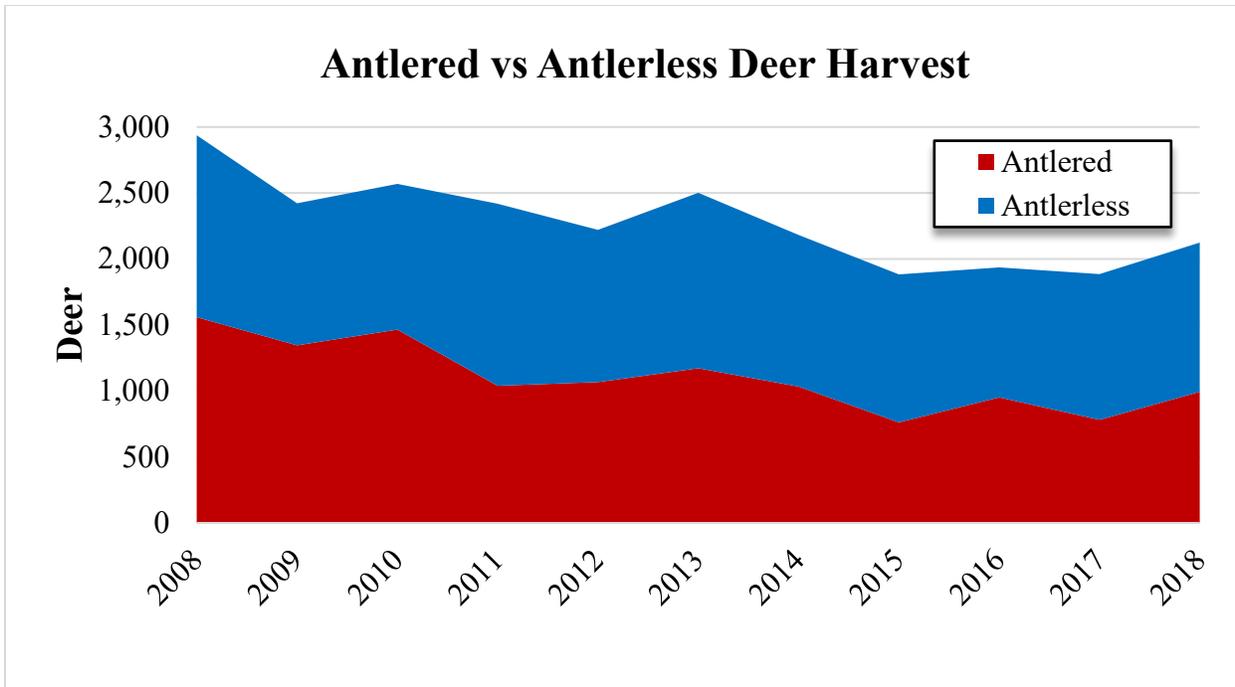


Figure 2. The red area is the total antlered harvest. The blue area is the total antlerless harvest.

Harvest by Method: Deer were harvested with all four legal method types (archery, crossbow, muzzleloader, and shotgun) throughout the deer season. Compared to last year’s hunting season, the crossbow harvest increased by 100% from 247 to 494 deer harvested. Muzzleloader also increased 24% from 791 to 981 deer harvested accounting for the largest portion of harvest. Conversely, standard archery equipment and shotgun harvests decreased 36% and 7%, respectively (Table 2).

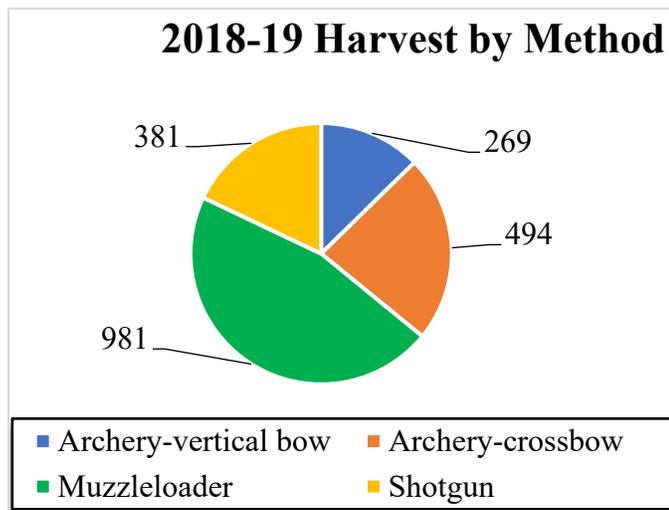


Figure 3. Harvest for 2018-19 season classified by method.

Harvest by Zone: Rhode Island is separated into four deer management zones as seen in Appendix III. The total harvest in each zone is partly reflective of the amount of land open to hunting in each zone, which effectively impacts hunter effort. The greatest harvest occurred in Zone 2 (1,225 deer), mainly because most of the state/cooperative properties are located within its boundaries, and the majority of this area is comprised of forested habitat and devoid of expansive, densely developed areas that reduce the amount of huntable property. As depicted in Table 3 and Figure 4, a total of 643 deer were harvested in Zone 1, 1,225 in Zone 2, 35 in Zone 3, and 222 in Zone 4. More adult bucks were taken in Zones 1 and 2, whereas most of the harvest in Zone 4 was adult does, where the goal is to reduce deer densities (Figure 4).

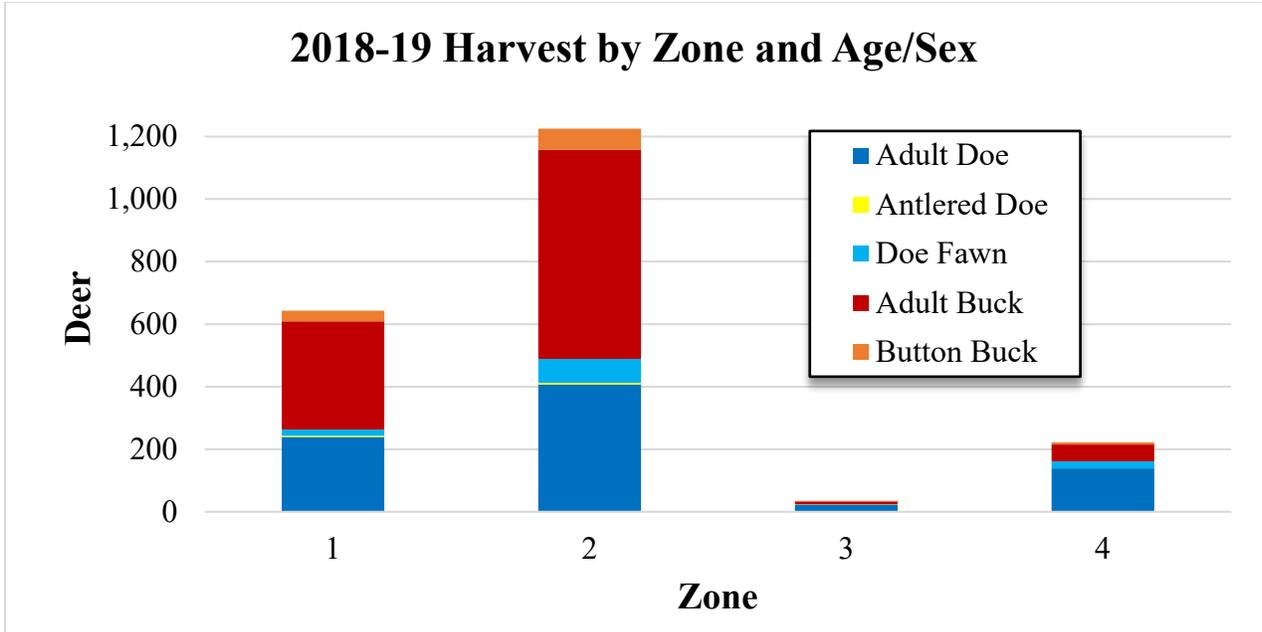


Figure 4. Harvest for the 2018-19 season separated by age class for each zone.

Deer Harvest Sex Ratio: Hunters harvested 1,188 (56%) males and 937 (44%) females. This results in a 1.27 male to female harvest ratio (for every female harvested, 1.27 males are harvested; Figure 5).

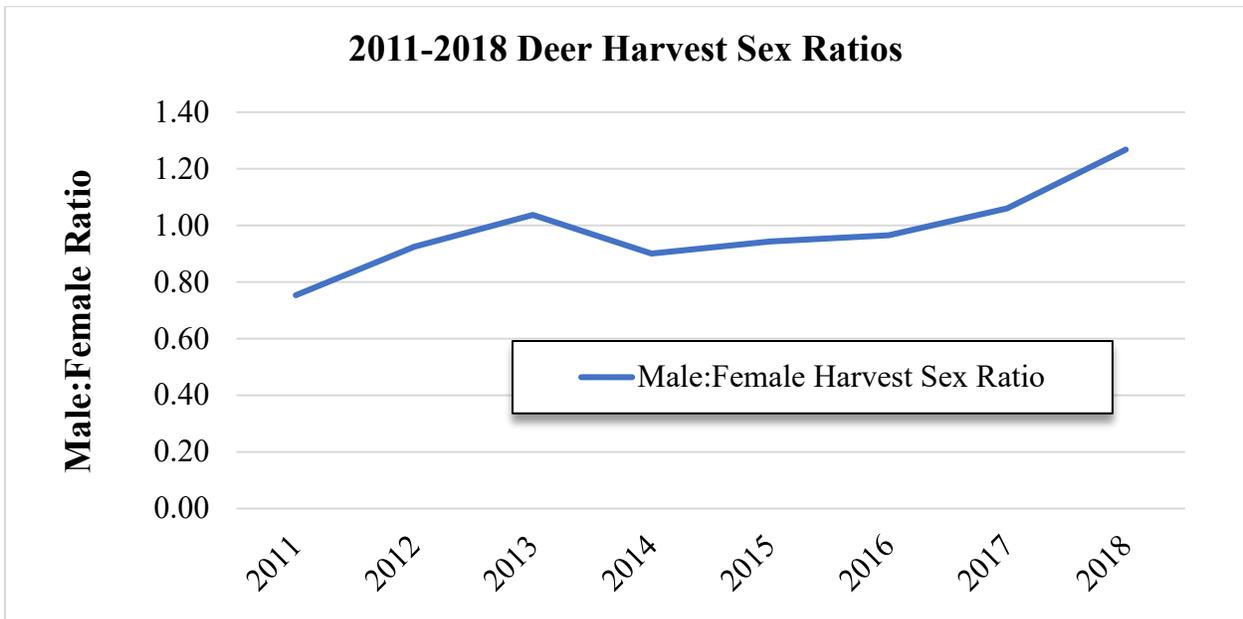


Figure 5. The blue line indicates the ratio of males to females harvested during the entire deer season for all age classes from 2011 to 2018.

Summary of Deer Hunter & Deer Harvest Data

Antler Points: The DFW also require hunters to record the number of antler points for each antlered deer they harvest (Figure 6). Eight-point bucks were the most commonly harvested antlered deer totaling 228 (29%). The second-most harvested antlered buck were 2-point bucks (fork horns) at 172 (17%). Both statistics are the same as last year's harvest.

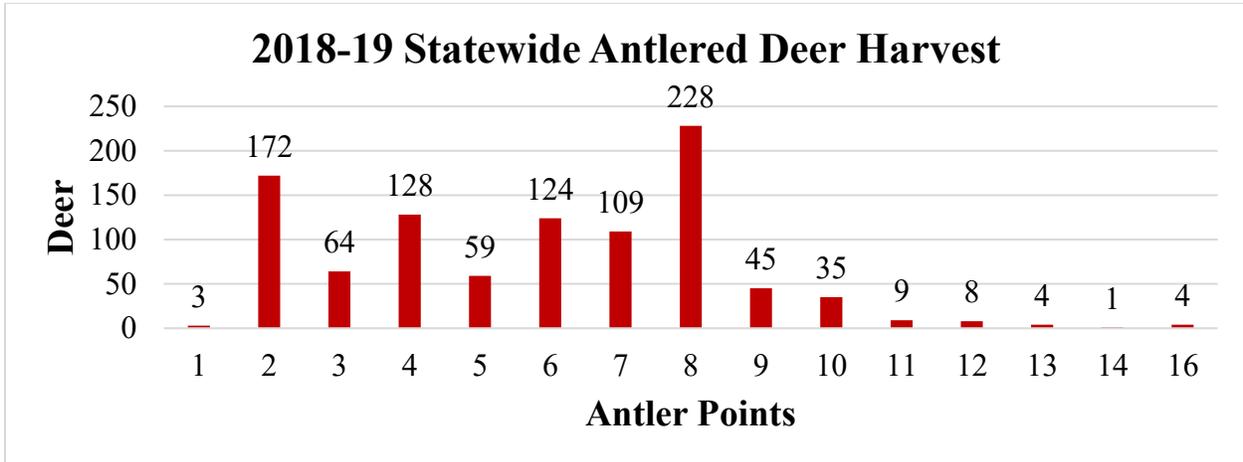


Figure 6. Harvest for the 2018-19 season classified by antler points.

Check Stations

The DFW operated deer check stations during the first four days of the muzzleloader season (November 3th – 6th, 2018) which all deer harvested (except deer in zones 3 and 4) were required to be brought to a state-operated check station. The four checking locations included: Arcadia Management Area, Carolina Management Area, Durfee Hill Management Area, and Great Swamp Management Area. Biological information collected at the check stations included: age, weight, sex, and antler beam measurements. This is also when the majority of CWD samples were collected. During the mandatory checking period, 200 deer were checked representing a 25% increase from 160 deer checked during 2017-18. In 2018-19, a total of 48 females and 152 males (138 antlered deer, 66 antlerless deer) were checked. There were 46 yearling bucks checked this season, a 35% increase from last year's 34 yearlings. The 46 yearling bucks made up 30% of the total checked bucks, which is the ideal percentage of harvest for this age class. Of the total number of bucks checked, 28% were 2.5-year-old and 34% were 3.5-year-old or older (Figures 7 & 8).

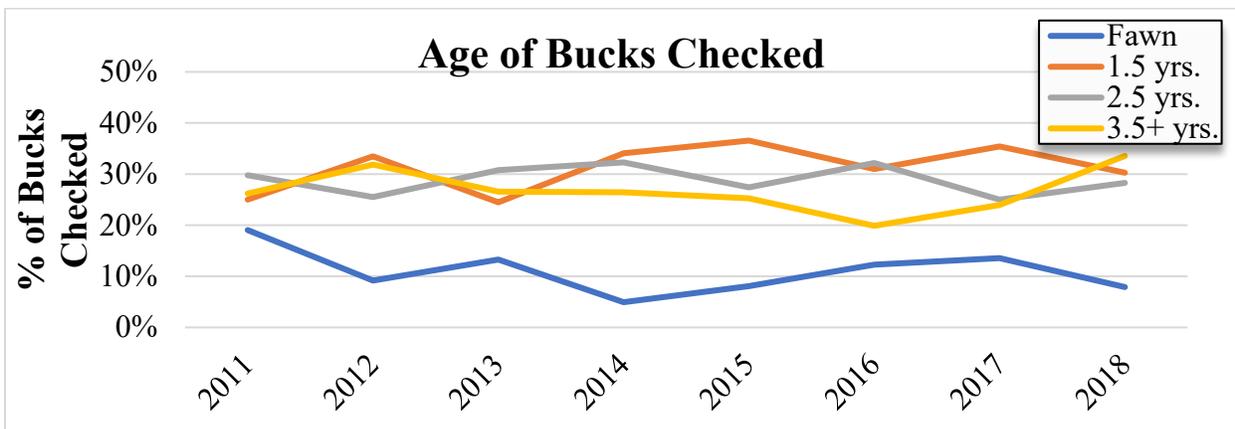


Figure 7. The percentage of bucks checked by age class during the check stations from 2011 to present.

Summary of Deer Hunter & Deer Harvest Data

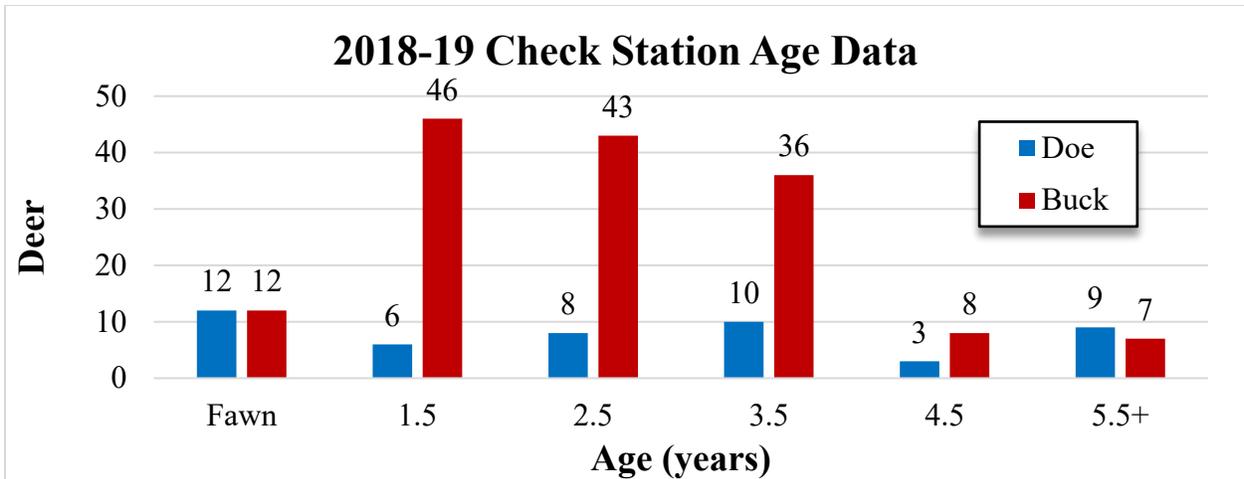


Figure 8. Deer categorized by sex/age for the 2018-19 Check Stations.

Herd Health: The DFW measures the diameter (mm) of the antler beams one inch above the base of the antlers on yearling males. Large antler beam diameters (>20mm) indicate excellent herd health, while small diameters (<15mm) indicate poor health. Over the past 10 years, yearling male beam measurements have averaged 16.5mm while varying from 15.3mm – 17.6mm. This indicates fair to good health overall. This season produced an average measurement of 15.7mm (Figure 9), which suggests the herd health is good, but not as good as in the past 3 years. The DFW also records the hog weight (deer completely field dressed with no organs remaining) of all deer checked. Hog weight and antler beam measurements data types are used to assess the overall herd health. Since 2013, there have been no dramatic changes from one year to the next (Tables 4 & 5). The DFW will continue to monitor these metrics for significant changes; however, at this point there is no cause for concern.

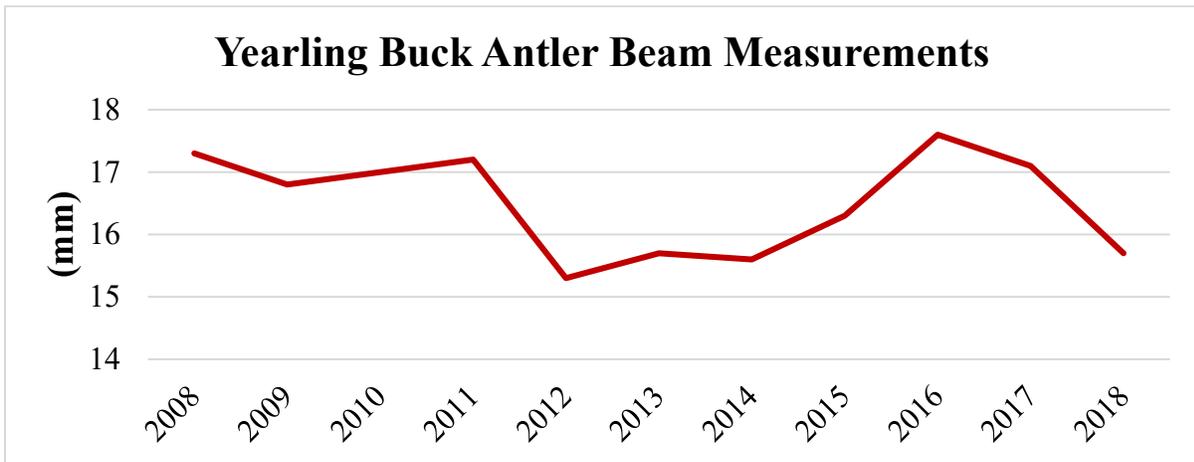


Figure 9. Above are the antler beam measurements from yearling males during check station from 2008 to present.

Chronic Wasting Disease (CWD) Surveillance

The DFW continued CWD surveillance for the 17th year and implemented a variety of collection methods. In 2018, the DFW sampled 254 deer throughout the state. The majority (60%) of the samples originated from hunter harvested deer at check stations, and the remainder of samples

Summary of Deer Hunter & Deer Harvest Data

came from butchers, road kills, and hunters voluntarily offering their deer for testing (Table 6). The DFW sampled 35 bucks that were 3.5 years old or older (23% of all check stations samples) (Figure 10). Hunters who successfully harvest a mature buck (3.5 years old or older) often decide not to allow the DFW to take tissue samples from that deer as they would like it to be taxidermied. This is acceptable and not uncommon, as the deer's neck must be cut in order to remove tissue from the throat, making the deer unsuitable for taxidermy. However, this does not mean the tissues cannot be removed. If the deer is brought to a taxidermist, the sample could be removed after the deer has been caped (hide removed).

If you harvest a mature buck (3.5+ years old) and would like to have it tested for CWD, please contact the DFW (401-789-0281). Mature males are more likely to contract the disease because of their movement patterns. The DFW is planning to offer training to willing taxidermists and butchers on how to collect tissue for CWD testing to increase our sample size of mature bucks.

CWD has not been detected in any samples submitted for testing during the 17 years of CWD surveillance.

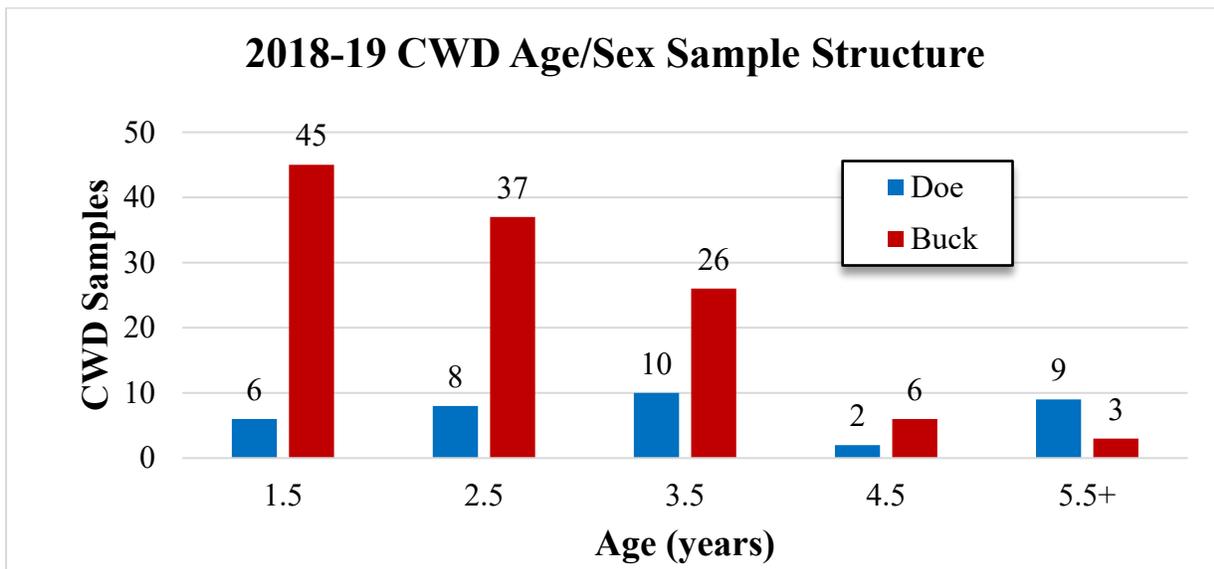


Figure 10. 2018 – 19 Buck and doe age structure of CWD samples.

Special Hunt Opportunities/Cooperatives

Special Hunt Opportunities: The DFW offers opportunities for youth hunters as well as disabled hunters. Youth hunters have the first opportunity to harvest a deer during archery and muzzleloader seasons. Disabled hunters also have a great opportunity to harvest deer using firearms in Zone 3, which is archery-only for all other hunters. A special hunting permit must be obtained through the RI DEM Office of Boat Registration and Licensing, 235 Promenade St. Providence, RI 02908 (401) 222-3576 by each applicant prior to hunting.

Hunting Cooperatives: Hunting cooperatives enable hunters to access various properties in addition to state Wildlife Management Areas (WMA's) and thereby greatly increase hunting opportunities. The DFW has worked closely with private property owners such as land trusts, The

Summary of Deer Hunter & Deer Harvest Data

Nature Conservancy, and others to open their lands to deer hunting. This is often undertaken to reduce deer densities at the specific property to mitigate the impacts of high deer densities. The number of deer harvested per each state and cooperative property is listed in Table 11.

Online Licensing/License Sales

The launch of the new online licensing system has streamlined its hunter harvest data collection process, thereby reducing data entry time and errors. The system has also enhanced the ability of the DFW to analyze license and permit sales, which can be used as a measure of hunter effort (Tables 9 - 13). The DFW offers a variety of resident and non-resident hunting licenses to the public. In total, 9,205 hunting or hunting and fishing combination licenses were sold in 2018-19. There was a total of 18,839 deer permits sold to 5,370 deer hunters (any hunter who purchased at least one deer permit) this past season, with 4,516 residents accounting for 16,497 permits, and 854 nonresidents accounting for the 2,342 remaining permits. The majority of all hunters, both residents and non-residents, purchased two deer permits (Tables 9, 10 & 11). There were 1,305 successful deer hunters in Rhode Island, with the majority (88%) of hunters harvesting 2 deer or less (Table 7). Resident hunters still harvest the most deer in the state, accounting for 1,828 deer, while nonresident hunters harvested 297 deer.

Venison Consumption

For each deer harvested, approximately 30% of its body weight is available as consumable venison. Resultantly, the 2018-19 season yielded over 37 tons of consumable venison – equivalent to about 150,000 meals. Recent surveys have shown that most hunters hunt to provide food for their families, while also enjoying time spent with family and friends in the outdoors. Hunters are continually participating in the conservation of wildlife and their habitats. By purchasing hunting licenses and permits, hunters are helping fund the conservation of habitat and wildlife (including non-game species) in Rhode Island. Wildlife is a renewable resource that when managed properly can provide sustenance in the form of wild, local, sustainable protein year after year to its consumers. In addition, the Wildlife Restoration Act, commonly known as the Pittman-Robertson Act, places an excise tax on firearms, ammunition, and archery equipment that funds wildlife restoration projects across the United States, including Rhode Island.

Conclusion

Since 2014, the statewide deer harvest has remained stable at ~2,000 with no major changes in overall health, weight, harvest sex ratios, and antler beam measurements. In order to ensure sustainability of the deer population, the DFW is currently working to more accurately assess and estimate the deer population via tools such as population modeling using existing data sources. The DFW also intends to survey deer hunters to better understand hunter demographics and behaviors, as well as to gain a better estimate of hunter effort. These surveys will be administered randomly so if you are selected the DFW highly encourages you to complete the survey. The data from these surveys will be used in conjunction with biological data to develop deer management prescriptions.

The average age of hunters in Rhode Island is 47 years old (samples size of 2,855 hunters) and continues to rise annually. In 10-20 years, the majority of today's hunters will age out, leaving

Summary of Deer Hunter & Deer Harvest Data

behind a small group of hunters to carry the hunting tradition and financially support wildlife conservation. In order to keep the hunting tradition alive and well I would ask all hunters to **continually** mentor a family member, friend, coworker, or anyone who shows an interest in hunting. It is not only difficult to start hunting but is also difficult to become a successful hunter at an early age especially when an individual is not brought up around hunting.

Please keep in mind when en route to your hunting destination, actively hunting in the field, headed home from your hunt, or stopping at the local coffee shop wearing camouflage, you represent all hunters. A positive public perception of hunters is a key component in keeping the hunting tradition alive. Be respectful when in a public setting to individuals that may not want to see bloody clothing, or the deer you just harvested even though you couldn't be prouder. Do your best to field dress animals in secluded areas, away from hiking trails and parking lots. Dispose of your carcass properly by double bagging them and bringing them to a nearby landfill. Leaving entrails or carcasses in public locations can lead to conflicts between hunters and others while also giving hunters a negative public image.

Whether you are hunting for sustenance, a mature buck, or enjoying time outdoors, Rhode Island offers great hunting opportunity for all hunters. Regardless of your motive, the DFW wishes you a safe and successful upcoming hunting season.

I highly encourage you to provide feedback about this report by emailing it to Dylan.Ferreira@dem.ri.gov.

Appendix I

Summary of 2018-19 Deer Hunting Regulations

Deer Hunting:

All hunters must have a valid hunting license and proper deer permits to hunt and take deer.

Season Dates:

1. Archery
 - a. Zone 1: September 15 – January 31
 - i. Youth only: September 8 – 9
 - b. Zone 2: October 1 – January 31
 - i. Youth only: September 29 – 30
 - c. Zone 3: November 1 – January 31
 - i. Youth only: October 27 – 28
 - d. Zone 4: October 9 -12, 15 – 19, 22 – 26, 29 – 31
2. Muzzleloader
 - a. Zones 1 and 2: November 3 – 25
 - i. Youth only: October 27 – 28
 - b. Zones 1 and 2: December 26 – January 2, 2018 (antlerless deer on private land only)
 - c. Zone 4: November 1, 2, 5, 7 – 9, 13 – 16 (archery included)
3. Shotgun
 - a. Zone 1: December 1 – 16
 - b. Zone 2: December 1 – 9
 - c. Zones 1 and 2: December 26 – January 2, 2018 (antlerless deer on private land only)
 - d. Zone 3: Disabled Hunters, October 23 – 26
 - e. Zone 4: Archery, Shotgun, and Muzzleloader
 - i. November 19, 20, 26, 27, 29, 30
 - ii. December 3 – 7, 10, 11, 13, 14, 17, 18, 20, 21
 - iii. January 3, 4, 7 – 11, 14 – 18, 22 – 25, 28 – 31, 2019
 - iv. February 1, 4 – 8, 11 – 15, 19 – 22, 2019

Bag Limit:

All methods

1. Antlered deer
 - a. Zones 1, 2 and 4: 2
 - b. Zone 3: 1
2. Antlerless deer
 - a. Zone 1: 3
 - b. Zone 2: 2
 - c. Zone 3: 2
 - d. Zone 4: unlimited

Additional Regulations*

- A deer permit must be obtained prior to hunting for each individual deer taken in accordance with the bag limits for each season type, statewide.
- Annual written permission is required to hunt deer on privately owned land (R.I. Gen. Laws § 20-15-1(4)). Such written permission must be carried at all times while deer hunting and failure to have such written permission is prima-facie evidence of not having written permission to hunt such land. Written permission must be shown to any authorized person upon demand and must be presented when checking the deer. A valid hunting license constitutes written permission on applicable Hunting Cooperative properties for which a permit is not required.
- Tagging Requirements: All deer carcasses must be conspicuously tagged by the hunter immediately after harvesting the animal. Immediately after harvesting, the hunter must notch the month, day and hour of kill on the deer tag and affix the tag to the carcass before moving the carcass for field dressing or removal from the field. After removal from the field, the harvest must be reported within 24 hours to the DEM and the notched tag with confirmation number must remain attached to the carcass until the carcass is prepared for consumption or taxidermy.
- Reporting Requirements: All deer harvested must be reported to the DEM within 24 hours by filing a harvest report as prescribed by the DEM or be checked by an Environmental Police Officer (EPO). A confirmation number will be issued and must be recorded on the notched tag. The notched tag with confirmation number must remain attached to the carcass until prepared for consumption or taxidermy.
 - During the first four (4) days of the Muzzleloader deer season, all deer harvested statewide (except deer harvested on Block Island, Patience Island, and Prudence Island) by any method, must be brought to a State Operated Biological Checking Station to be physically reported, weighed, measured and inspected.
- Legal shooting hours for hunting deer are 1/2 hour before sunrise to 1/2 hour after sunset.
- The use of electronic calls for hunting deer is prohibited at all times.
- The use or possession of deer scents/lures that contain natural cervid (including deer, moose, elk) urine, gland oil, feces, tissue, blood or any other bodily fluids while taking, attempting to take, attracting, or scouting wildlife is prohibited.
- Feeding, baiting, and hunting deer over bait is prohibited. Baiting includes placing, exposing, distributing, or scattering any food sources, including but not limited to salt, minerals, apples, and grain to lure, attract, or entice deer.

*This is not the complete set of rules and regulations pertaining to deer hunting. The complete set of rules and regulations can be found online at the RI DEM regulations web page: <http://www.dem.ri.gov/documents/regulations/index.php>.

Appendix II

Summary of 2018-19 Deer Harvest

Table 1.

2008-2018 Number of Antlered vs Antlerless Deer Taken					
Year	Antlered	Antlerless	Total Harvest	% Antlered Harvest	% Antlerless Harvest
2008	1,559	1,379	2,938	53%	47%
2009	1,346	1,076	2,422	56%	44%
2010	1,465	1,104	2,569	57%	43%
2011	1,039	1,379	2,418	43%	57%
2012	1,067	1,154	2,221	48%	52%
2013	1,172	1,330	2,502	47%	53%
2014	1,034	1,148	2,182	47%	53%
2015	762	1,121	1,883	40%	60%
2016	951	985	1,936	49%	51%
2017	782	1,104	1,886	41%	59%
2018	994	1,131	2,125	47%	53%

Table 2.

2018-19 Harvest Statewide Per Method				
Method	2018-19	% of Harvest	2017-18	% Change (1YR)
Archery-vertical bow	269	13%	423	-36%
Archery-crossbow	494	23%	247	100%
Muzzleloader	981	46%	791	24%
Shotgun	381	18%	411	-7%
Unknown	0	0%	14	-
Total	2,125	100%	1,886	13%

Table 3.

2018-19 Harvest Per Zone				
Zone	2018-19	% of Harvest	2017-18	% Change (1YR)
1	643	30%	621	4%
2	1,225	58%	1,030	19%
3	35	2%	31	13%
4	222	10%	196	13%
Unknown	0	0%	8	-100%
Total	2,125	100%	1,886	13%

Summary of Deer Hunter & Deer Harvest Data

Table 4.

Average Hog Dressed Weight (lbs.) of Male Checked Deer						
Age Class	2018	2017	2016	2015	2014	2013
Fawn	57.5	58.7	61.9	59.7	58.6	58.9
Yearling	104.6	103.9	109.2	102	103.8	102.5
Adult	142.8	132	143.1	139.5	135	144.9

Table 5.

Average Hog Dressed Weight (lbs.) of Female Checked Deer						
Age Class	2018	2017	2016	2015	2014	2013
Fawn	56.9	55.2	57.3	56.3	53.8	51.4
Yearling	85.8	90.1	84	89.6	88.6	87.3
Adult	100.1	99.6	104.8	102.1	104	98.9

Table 6.

2018-19 CWD Sample Origin		
Sample type	Count	% of Total
Butcher	84	33%
Check Station	152	60%
Hunter	3	1%
Roadkill	15	6%
Total	254	100%

Table 7.

2018-19 Harvest by Land Ownership	
Land Type	Deer Harvested
Private	1,586
Federal/State/Co-op	539
Total	2,125

Table 8.

2018-19 Deer Harvested/Hunter		
Hunters	Deer Harvested	% of Hunters
849	1	65%
306	2	23%
85	3	7%
65	4+	5%
1,305	2,125	100%

Summary of Deer Hunter & Deer Harvest Data

Table 9.

2018-19 Total Deer Permits Purchased		
Permits	No. Hunters	%
1	588	11%
2	1,839	34%
3	495	9%
4	1,061	20%
5	298	6%
6	537	10%
7	468	9%
8	41	1%
9	18	0.3%
10	7	0.1%
11	1	0.0%
12	4	0.1%
13	4	0.1%
15	1	0.02%
16	1	0.02%
17	1	0.02%
18	2	0.04%
19	1	0.02%
25	1	0.02%
26	1	0.02%
31	1	0.02%
Total	5,370	

Summary of Deer Hunter & Deer Harvest Data

Table 10.

2018-19 Resident Deer Permits Purchased		
Permits	No. Hunters	%
1	447	10%
2	1,473	33%
3	399	9%
4	917	20%
5	256	6%
6	486	11%
7	459	10%
8	37	1%
9	17	0.4%
10	7	0.2%
11	1	0.02%
12	4	0.1%
13	4	0.1%
15	1	0.02%
16	1	0.02%
17	1	0.02%
18	2	0.04%
19	1	0.02%
25	1	0.02%
26	1	0.02%
31	1	0.02%
Total	4,516	

Summary of Deer Hunter & Deer Harvest Data

Table 11.

2018-19 Non-Resident Deer Permits Purchased		
Permits	No. Hunters	%
1	141	17%
2	366	43%
3	96	11%
4	144	17%
5	42	5%
6	51	6%
7	9	1%
8	4	0.5%
9	1	0.1%
Total	854	

Table 12.

2018-19 License Sales	
License Name	Sold
NR Hunting License	1,257
NR Jr. Hunting (Ages 12 14) License	10
NR Landowner Hunting License	4
NR Tourist Hunting (3 Day) License	297
NR Tourist Jr. Hunting (Ages 12 14; 3 Day) License	2
R Hunting License	3,134
R Jr. Hunting (Ages 12 14) License	91
R Combination Freshwater Fishing + Hunting License	2,746
R Disabled Combination Freshwater Fishing + Hunting License	308
R Permanent (Over 65 Yrs.) Combination Freshwater Fishing + Hunting License	1,285
NR Active Military Hunting License	42
NR Disabled Hunting License	29
Total	9,205

Summary of Deer Hunter & Deer Harvest Data

Table 13.

2018-19 Deer Permit Sales and Reporting				
Deer Permit Name	Issued	Not Reported	Reported	% Reported
All Outdoors Antlerless	1,755	1,448	307	17.5%
All Outdoors Antlered	702	523	179	25.5%
NR* Zone 1 & 2 Archery Antlered	423	384	39	9.2%
NR Zone 1 & 2 Archery Antlerless	420	376	44	10.5%
NR Zone 4 Archery Antlered	20	14	6	30.0%
NR Zone 4 Archery Antlerless	12	6	6	50.0%
NR Zone 4 Muzzleloader Antlered	6	5	1	16.7%
NR Zone 4 Muzzleloader Antlerless	11	10	1	9.1%
NR Zone 4 Shotgun Antlered	13	13	0	0.0%
NR Zone 4 Shotgun Antlerless	30	20	10	33.3%
NR Zone 1 & 2 Muzzleloader Antlered	490	404	86	17.6%
NR Zone 1 & 2 Muzzleloader Antlerless	441	358	83	18.8%
NR Zone 3 Archery Antlered	28	26	2	7.1%
NR Zone 3 Archery Antlerless	35	24	11	31.4%
NR Zone 1 & 2 Shotgun Antlered	204	189	15	7.4%
NR Zone 1 & 2 Shotgun Antlerless	209	193	16	7.7%
R** Zone 1 & 2 Archery Antlered	2,437	2,227	210	8.6%
R Zone 1 & 2 Archery Antlerless	2,434	2,233	201	8.3%
R Zone 4 Archery Antlered	63	52	11	17.5%
R Zone 4 Archery Antlerless	68	32	36	52.9%
R Zone 4 Muzzleloader Antlered	53	49	4	7.5%
R Zone 4 Muzzleloader Antlerless	57	46	11	19.3%
R Zone 4 Shotgun Antlered	59	55	4	6.8%
R Zone 4 Shotgun Antlerless	220	82	138	62.7%
R Zone 1 & 2 Muzzleloader Antlered	2,559	2,202	357	14.0%
R Zone 1 & 2 Muzzleloader Antlerless	2,324	2,112	212	9.1%
R Zone 3 Archery Antlered	68	61	7	10.3%
R Zone 3 Archery Antlerless	85	73	12	14.1%
R Zone 3 Paraplegic Antlered	5	4	1	20.0%
R Zone 3 Paraplegic Antlerless	8	5	3	37.5%
R Zone 1 & 2 Shotgun Antlered	1,823	1,716	107	5.9%
R Zone 1 & 2 Shotgun Antlerless	1,777	1,699	78	4.4%
Total	18,839	16,641	2,198	11.7%

*NR=Non-Resident

**R=Resident

Summary of Deer Hunter & Deer Harvest Data

Table 14.

2018-19 State and Co-op Land Deer Harvest	
Property	Deer Harvested
Arcadia Management Area	79
Big River Management Area	57
Black Farm Management Area	5
Black Hut Management Area	27
Black Rock/Rodman Hollow Co-Op	24
Block Island NWR Co-Op	6
Buck Hill Management Area	15
Burlingame Management Area	29
Camp Nokewa	2
Carolina Management Area	29
Cocumcussoc	4
Cuttyhunk Brook TNC Co-op	3
Diamond Hill	11
Durfee Hill Management Area	13
Eight Rod Farm Management Area	10
Francis Carter TNC Co-Op	2
George Washington Management Area	21
Grass Pond Preserve TNC Co-op	5
Great Swamp Management Area	28
Grills Preserve 1 Westerly Land Trust Co-Op	2
Grills Preserve 2 Hopkinton Land Trust Co-Op	2
JL Curran	4
Killingly Pond Management Area	7
King Preserve TNC Co-Op	1
Nicholas Farm Management Area	12
Ninigret Conservation Area	6
Northwest Co-Op	6
Pocasset Ridge TNC Co-Op	5
Ponagansett Management Area	3
Providence Water Supply Co-Op	24
Prudence/Patience Island	31
Pulaski	1
Rockville Management Area	1
Round Top Management Area	1
Sapowet Marsh Management Area	1
Simmons Mill Management Area	4
Snake Den	2
South Shore Management Area	14
Succotash Marsh Management Area	1
Tillinghast Pond Management Area	8
Wickabonet Management Area	2
Woody Hill Management Area	19
Unknown	12
Total	539

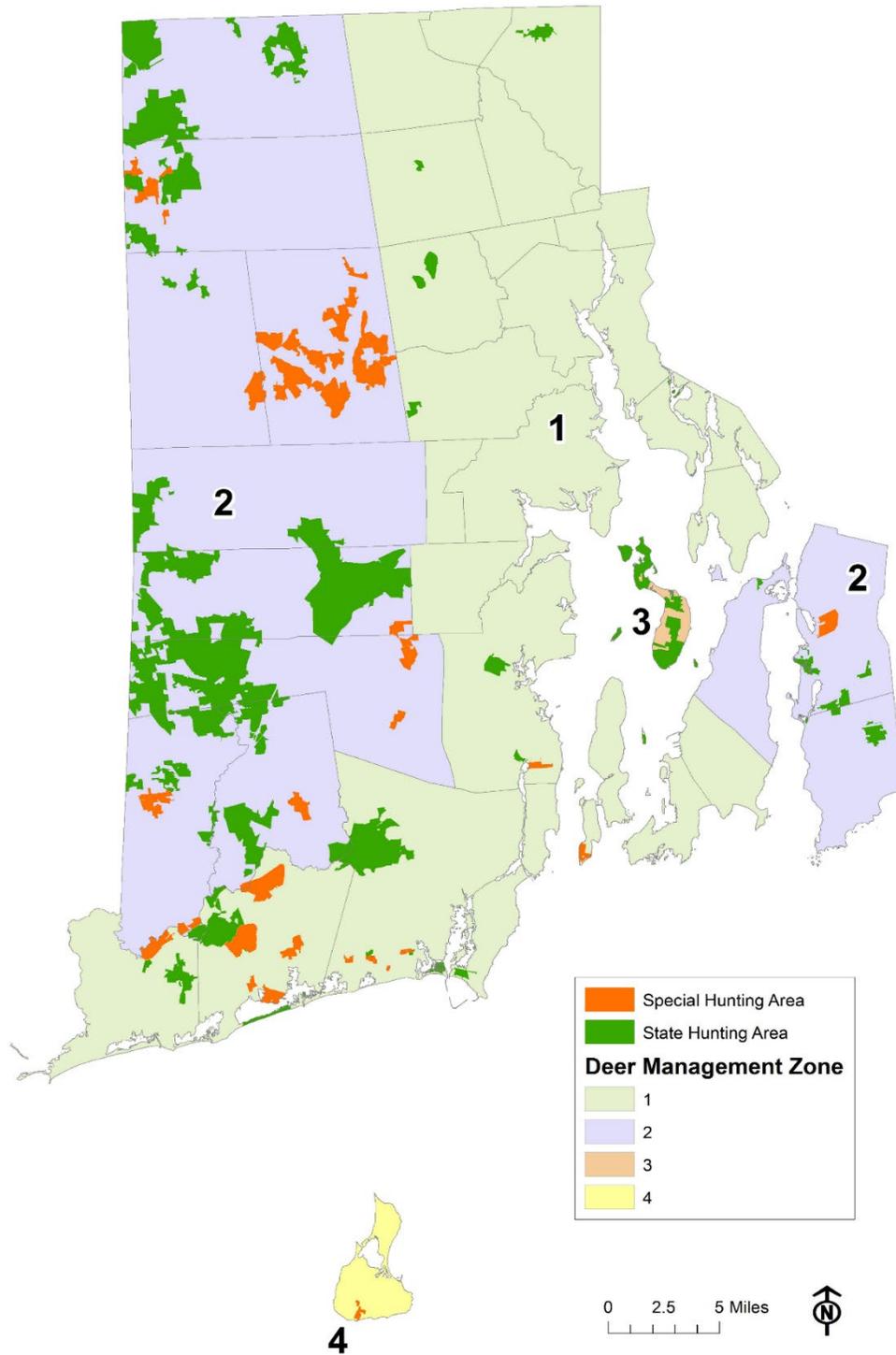
Summary of Deer Hunter & Deer Harvest Data

Table 15.

2018-19 Town Deer Harvest by Method					
Town	Archery	Crossbow	Muzzleloader	Shotgun	Total
Barrington	0	1	0	0	1
Bristol	3	3	0	0	6
Burrillville	8	28	90	19	145
Charlestown	12	10	41	14	77
Coventry	7	20	65	19	111
Cranston	1	4	7	6	18
Cumberland	4	9	7	0	20
East Greenwich	6	8	16	5	35
East Providence	2	4	0	0	6
Exeter	11	28	92	20	151
Foster	13	20	83	10	126
Glocester	11	9	87	16	123
Hopkinton	14	18	48	11	91
Jamestown	7	15	3	3	28
Johnston	4	6	16	2	28
Lincoln	3	21	0	0	24
Little Compton	8	6	18	4	36
Middletown	6	4	1	1	12
Narragansett	6	16	1	0	23
New Shoreham	20	37	16	149	222
Newport	0	0	0	0	0
North Kingstown	16	30	19	6	71
North Smithfield	8	16	38	7	69
Portsmouth	14	26	4	3	47
Providence	0	0	1	0	1
Richmond	5	19	63	12	99
Scituate	13	45	88	24	170
Smithfield	2	8	15	3	28
South Kingstown	24	37	61	23	145
Tiverton	20	22	19	4	65
Wakefield	0	0	0	0	0
Warren	0	2	0	0	2
West Greenwich	14	14	57	11	96
Westerly	7	8	25	9	49
Woonsocket	0	0	0	0	0
Total	269	494	981	381	2,125

Appendix III

Map of Deer Management Zones & Daily Deer Harvest



Summary of Deer Hunter & Deer Harvest Data

Daily Harvest: This displays the daily harvest throughout the season. As expected, most deer were harvested during the weekends and on season openers. There is no weekend harvest during the last part of the deer season since Block Island (the only area open to hunting) does not allow hunting on weekends.

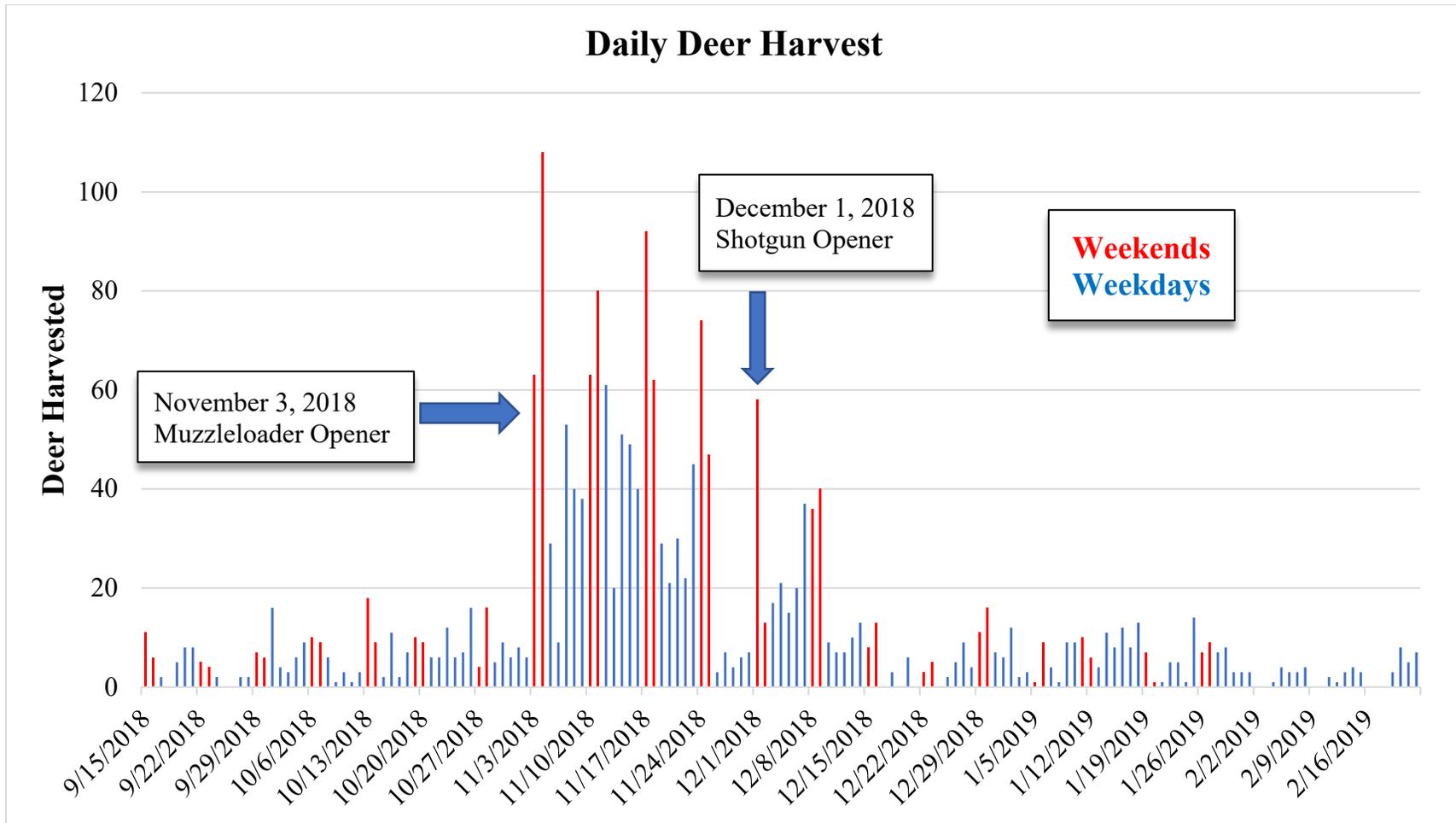


Figure 11. Daily deer harvest for the 2018-19 deer season.