



SUMMARY OF 2013-14 OHIO DEER SEASONS

OHIO DEPARTMENT OF NATURAL RESOURCES • DIVISION OF WILDLIFE

OUR DEER MANAGEMENT STRATEGY

The goal of Ohio's deer program is to provide a deer population that maximizes recreational opportunity including viewing, photographing, and hunting while minimizing conflicts with agriculture, motor travel, and other areas of human endeavor. This has been our goal for over 50 years. Farmer attitude surveys have been used to establish population goals for most counties. Although these goals are based on social values, the resulting populations have never exceeded the biological carrying capacity of the habitat. Deer herd condition data collected annually and through periodic studies confirm this. While we believe these goals represent a reasonable compromise concerning appropriate deer population levels, we plan to update population goals using a combination of farmer, hunter, and general citizenry surveys in summer of 2015. Our deer management goal ensures that Ohio's deer herd is maintained at a level that is acceptable to most, and biologically sound. Maintaining the deer population at or near goal is accomplished through harvest management.

2013-14 SEASON SUMMARY

Seasons, Permits, and Game Check

A valid hunting license (resident = \$19, nonresident = \$125) and an either-sex (\$24) or antlerless permit (\$15) are required (landowners are exempt) to hunt deer in Ohio. Hunters could harvest up to nine deer with a combination of either-sex and antlerless permits (Figure 1), however, they were limited to one antlerless permit per county. Permits were valid statewide during the first nine weeks of the archery season, as well as during all Division of Wildlife controlled hunts.

Hunters were limited to one antlered deer, and had the opportunity to hunt deer during Ohio's four seasons including archery (Sep. 28, 2013 - Feb. 2, 2014), antlerless muzzleloader (Oct. 12-13), gun (Dec. 2-8), and muzzleloader (Jan. 4-7, 2014). Youth (17 and under) season was Nov. 23-24.

The Division of Wildlife issued 535,676 deer permits in license year 2013-14, nine percent fewer than last year and the fourth consecutive year that sales have declined (Table 1). Permit sales for 2013-14 were off by nearly 14% from the peak in 2009-10. The decreasing trend is likely due to several factors including fewer deer in many areas of the state; the statewide buck harvest of 70,100 was nearly 27% lower than the record 2006-07 antlered buck harvest (Figure 2). The other factor influencing the decline is an aging hunter population. The most notable change in permit numbers was the decline in free permits issued to seniors and disabled veterans. In 2012-13, 58,498 free permits were issued to seniors and disabled veterans. This past year, this dropped to 35,606, a decline of nearly 40%. This decline may be partly a function of our decision to delay the sale of deer permits. In 2013-14, deer permits went on sale July 1st. Historically, these permits were available – along with all other permits and licenses – at the start of the license year, March 1st. The change affected only deer permits and would have meant another trip to the license outlet. Perhaps this discouraged some folks and contributed to the observed decline.

Beginning with the 2011-12 spring turkey season, licensed hunters were no longer required to present their turkey or deer at a check station for permanent tagging. Instead, both deer and turkey could be checked on-line, over the phone, or at any license vendor. Expectations were high, and for the most part, all were met or exceeded. Aside from the conveniences the Wild Ohio Customer Relationship Management System (WOCRMS) afforded our hunters and the time savings it created for DOW staff, our new license and game check system created opportunities to examine permit and harvest data in a manner that previously had been impossible or difficult at best. These new opportunities have and will continue to allow us to offer products, licenses, and permit packages that best suit our customer's needs.

For 2013-14, most hunters (77%) bought their permits in person, at a license vendor. Seniors and veterans were most likely to purchase their permits in person, with 89% of their permits bought at a license vendor. Non-residents were the most likely group to buy their permits on-line (39%).

In the 2013-14 season, 47% of deer were checked over the phone, making it the most popular method, with on-line reporting a close second at 42%. Only 11% of the deer harvest was checked in person. If you exclude deer harvested by landowners, no less than 60% of deer were checked using the phone, regardless of permit type (Figure 3). Because WOCRMS relies on a 10-digit deer permit number to operate the phone-in check, deer harvested by landowners (who are not required to purchase a permit) cannot be checked using this method. For this reason, 76% of landowner harvests were reported on-line. Not surprisingly, because of their limited options, landowners were also more likely to complete their game check transaction at a license vendor than other hunters. Non-residents were least likely to use the internet to report their harvest, and preferred to check their deer over the phone more so than any other group.

HARVEST

Summary

A total of 191,503 deer was harvested in the 2013-14 season, 12.5% fewer than last season (Table 2). The harvest was composed of 70,100 bucks, 99,587 does, and 21,816 button bucks. Coshocton County once again led the state in total harvest with 6,272 deer. A harvest summary by season for the top five counties is presented in Table 3, and a complete harvest summary by county and season is available in Appendix 1.

Hunters harvested 75,408 deer during the traditional statewide gun season, 13% fewer than last year (Table 2). Coshocton, Muskingum, Tuscarawas, Guernsey, and Ashtabula counties led the state in gun harvest (Table 3). These counties held the same positions last year, with the exception of Ashtabula which ranked 11th.

Archers reported harvesting 85,561 deer this year, 1% more than last season (Table 2). Archers accounted for 45% of the entire deer harvest, and for the first time in Ohio's history, more deer were taken during archery season than the week of gun season. By comparison, just a decade ago the archery harvest accounted for just over 25% of the annual harvest (Figure 4). This shift in the harvest is likely due to the ever increasing interest and participation in archery hunting. In 1981, only one out of every three Ohio gun hunters also participated in the archery season (Figure 5). In 2013, nearly 75% of gun hunters also hunted with archery tackle.

Crossbow hunters harvested 49,041 deer this year, an increase of 4% over last season. Licking County led the state again with 1,636 deer, and Coshocton, Tuscarawas, Ashtabula, and Trumbull rounded out the top five crossbow harvest counties. This year's vertical bow harvest (compounds, recurves, and longbows) was 36,520 deer, 3% fewer than last year. Licking County archers led the state

once again with a harvest of 1,285. This is the 7th consecutive year that Licking County has held the top spot for vertical bow harvest. Coshocton, Muskingum, and Hamilton counties again were represented in the top five, but Adams replaced Tuscarawas as the county with the third highest vertical bow harvest.

In the inaugural antlerless-only early muzzleloader season, where hunters took a total of 5,608 deer, Ashtabula County hunters harvested the most (200), followed by Licking, Guernsey, Muskingum, and Knox counties. There were 16,464 deer harvested during the bitterly cold 4-day statewide muzzleloader season, a decrease of 24% from the 2012-13 harvest (Table 2). Guernsey County was again the top spot for muzzleloader hunters with a harvest of 652 deer, which was 21% fewer than last year. Coshocton, Muskingum, Tuscarawas, and Belmont counties held the 2nd, 3rd, 4th and 5th spots, respectively, just as they did last year.

Young hunters battling unseasonably cold weather took only 6,640 deer this year during the 2-day youth season, a decline of almost 28% from last year's harvest. Top spots for youth hunters were Coshocton, Tuscarawas, Muskingum, Holmes, and Knox counties.

This past season, 63% of the harvest was antlerless. However, nearly 18% of these antlerless deer were male fawns, or button bucks. While there is no intent to minimize the accomplishment of the successful hunter, from a herd management standpoint, there is little to be gained from harvesting a button buck. With the increasing popularity of bow hunting (about 8 out of 10 Ohio deer hunters participate in the archery season) we anticipate that hunters will reduce the annual button buck harvest. Because archers are limited to close range shots and have a four month-long season (more harvest opportunities), bow hunters can more reliably identify button bucks and afford to pass them up without sacrificing harvest opportunities. As a group, archers in the 2013-14 season saw 17% of their antlerless harvest composed of male fawns, compared to almost 23% for the gun, muzzleloader, and youth seasons. Managing the button buck harvest presents an opportunity for hunters to continue to achieve adequate doe harvests without sacrificing opportunity. The 2013-14 button buck harvest proportion was the lowest it has been since at least 1977. This is significant considering that hunters tend to become *less* selective as harvest opportunities decline, as has been the case since 2009.

Non-resident Hunters

Non-resident hunters accounted for 11% of the deer permits issued this year and 8% and 12% of the total and buck harvests, respectively. The composition of the non-resident harvest was 52% antlered, much higher than the resident harvest which was only 34% antlered. The top 5 non-resident states (number of deer - percentage of total harvest) were Pennsylvania (2,712 - 1.4%), Michigan (1,448 - 0.8%), West Virginia (1,392 - 0.7%), North Carolina (1,129 - 0.6%), and Florida (1024 - 0.5%). Among the states taking at least 100 deer, those harvesting the most bucks as a percentage of their total harvest were West Virginia (65%), Michigan (64%), New Jersey (63%), Maryland (62%), and New York (59%). Non-residents that were most likely to harvest an antlerless deer were from Texas (67%), Canada (66%), New Hampshire (64%), Louisiana (60%), and Maine (59%). The counties with the largest proportion of their harvests attributable to non-residents were Adams (19.5%), Athens (17.4%), Morgan (17.4%), Pike (17.2%), and Meigs (16.1%). On the other end of the spectrum were Darke (0.8%), Putnam (0.9%), Sandusky (1.2%), Summit (1.3%), and Auglaize (1.3%) counties.

More than half (60%) of the non-resident harvest occurred during archery season, with the gun and muzzleloader seasons accounting for an additional 29% and 10%, respectively. Non-resident hunters took a larger percentage of their harvests during archery season than either residents or landowners. Sixty-six percent of the antlered and 55% of the antlerless deer harvested by non-residents was taken during archery season (Table 4). Among states harvesting at least 100 deer, hunters

from Louisiana took the greatest proportion of their deer during archery season (78%). The other top states for non-resident archery harvest were Massachusetts (73%), North Carolina (69%), Maine (65%), and Alabama (65%). Illinois hunters topped the list for non-residents taking the largest proportion of their harvest during the gun season (53%), followed by Canada (44%), Texas (39%), Indiana (38%), and Kentucky (38%).

Landowners

Landowners reported harvesting 52,991 deer, nearly 28% of the total harvest. The percentage of the statewide harvest taken by landowners has steadily increased since at least 1995 (Figure 6). Landowners harvested the majority of their deer (46%) during the gun season, 40% during archery, and 8% during the statewide muzzleloader season. Though resident and non-resident hunters harvested the greatest percentage of their antlerless deer during the archery season, landowners differed substantially, taking just over 50% of their antlerless deer during the gun season (Table 4). Landowner proportion of the total county harvest varied considerably across the state, but was greatest among southeastern counties. Meigs County led the state with landowners accounting for 44% of the total reported harvest. Landowners also accounted for a significant portion of the total harvest in Washington (41%), Scioto (39%), Athens (37%), and Jackson (37%) counties (Table 5). The counties with the smallest proportion of their harvest attributable to landowners were Cuyahoga (8%), Henry (9%), Franklin (10%), Van Wert (10%), and Marion (12%) counties.

Public Land

Hunters reported harvesting 17,846 deer, just over 9% of the season total, on public land. With just over 80,000 acres of public land between the Wayne National Forest, Crown City Wildlife Area, and Dean State Forest, Lawrence County once again held the top spot for public land deer harvest. Almost 28% of the deer taken in Lawrence County were harvested on public land (Figure 7). The other top counties were Vinton (24%), Hamilton (22%), Morgan (20%), and Lucas (20%).

DEER AGE STRUCTURE

In 2013, Division of Wildlife personnel aged 6,842 deer, almost 10% of the deer harvested during the gun season. Data was collected from 90 different processors in 51 counties. Figure 8 shows how the age structure of the antlered harvest has changed over time. Beginning in the late '90s, hunters began harvesting fewer yearling (1.5 year old) bucks, and the trend has continued. In the early to mid '80s, nearly 70% of the bucks harvested were yearlings. Today, that percentage is below 50%. A reduction of this magnitude would normally be a result of some type of regulation change, such as antler point restrictions. In our case, the decline in yearling buck harvest is likely due to at least two factors. First, the growth of the deer herd over time, coupled with very liberal antlerless harvest opportunities likely reduced the pressure on the antlered segment of the population. Second, and most importantly, Ohio hunters seem to be aware of the benefits of allowing bucks to mature, and have acted on their own "self-imposed" restrictions.

HUNTER SUCCESS, PARTICIPATION RATES, AND EFFORT

This year, 235,091 resident adults purchased at least one either-sex or antlerless-only permit and 73,116 harvested at least one deer, for a 31% hunter success rate (Table 6). In our 2012 annual deer hunter survey, 32% and 95% of hunters reported spending some time hunting public and private land, respectively. Applying these rates to our population of licensed adult hunters for the current season, we find that approximately 74,000 and 224,000 hunters hunted at least once on public and private land, respectively, during the 2013-14 season. This year, 10,244 and 65,114 hunters reported taking a deer on public (14% success) and private (29% success) land, respectively. Because

our deer hunter surveys are limited to resident adult hunters, rates may be different for non-resident hunters, as well as youth, disabled vets, free and reduced cost seniors, and landowners.

During the 2013-14 season, nearly 80% of hunters bowhunted, while 28%, 79% and 41% reported hunting in the antlerless muzzleloader, gun, and muzzleloader seasons, respectively (Figure 9). One in five archery hunters were successful, and success rates with archery tackle were nearly three times higher on private than public land (Table 6). Archers were a bit more successful this year compared to last. Overall success rate during the gun season was nearly the same as archery, with nearly one in five gun hunters reporting a deer harvest. Success rates on private land were almost double those on public land. When considering the archery and gun success rates, it is important to remember that these are very much dependent upon each other. Recall that nearly 75% of our gun hunters will bow hunt for nine weeks before gun season. Moreover, many also hunt the statewide muzzleloader season. Success with archery tackle and the appeal of hunting with a muzzleloader in January undoubtedly contribute to lower success rates during the statewide gun season. Because most hunters participate in multiple seasons, season-specific success rates must be viewed with some caution.

Gun and muzzleloader success rates were down considerably compared to 2012. Though smaller deer populations likely contributed to the observed decline, season length undoubtedly makes the gun and muzzleloader seasons more susceptible to the effects of weather. In many parts of the state, gun and muzzleloader hunters experienced abnormally foul weather, likely leading to both lower participation and success rates.

Over the past three seasons, there has been a steady decline in the number of deer taken per hunter. In 2011, 243,126 resident adults harvested 117,988 deer, or 0.49 deer per hunter. This figure declined to 0.47 in 2012, and in 2013 there were 0.42 deer harvested per resident adult. Similarly, there has also been a steady decline in the number of deer taken by successful hunters. In 2011, successful hunters averaged harvesting 1.41 deer. In 2012, this number dropped slightly to 1.40, and again in 2013 to 1.36 deer (Figure 10).

In spite of large deer populations and liberal bag limits, only 18% of successful hunters harvested two or more deer in the 2006 season. This changed dramatically with the introduction of the \$15 antlerless permit during the 2007-08 season. From 2007 to 2011, there was a steady increase in the percentage of successful hunters harvesting two or more deer, reaching an all-time high in 2011 at about 27% (Figure 11). This percentage declined in small increments in 2012 and 2013, likely due to the reduction in the size of the deer population and bag limits.

Most hunters harvesting more than one deer only harvested two. This year, 19% of successful hunters bagged two deer, 5% harvested three, and only 1% took four or more deer (Figure 12). Of important note is, even though bag limits have been largely unlimited (statewide bag in 2011 and 2012 was 18, 2013 it was 9), fewer than 1 in 500 hunters harvested five or more deer in any given year, and specifically in 2013, only 1 out of 1,000 hunters tagged five or more deer.

Figure 13 shows how the number of deer harvested per successful hunter has changed over time. In 2006, almost 82% of hunters harvesting more than one deer only harvested two, and only 2% took more than three. By 2011 only 70% of multiple-harvest hunters took two deer and almost 10% bagged more than three. As deer populations have been reduced closer to goal, the percentage of multiple-harvest hunters taking only two deer has risen. Likewise, the number of hunters taking three or more deer declined in 2012 and 2013. Specifically for the 2013-14 season, 75% of hunters harvesting multiple deer only bagged two, 19% took three, and 6% harvested four or more (Figure 13).

Over the past three years, hunters have averaged 19.9 days afield. Archers have been the most consistent, spending 19.3, 19.2, and 19.7 days afield during the 2011, 2012, and 2013 seasons, respectively. The number of days spent hunting during gun season has declined slightly from 4.0 in 2011 and 3.9 in 2012, to 3.7 in 2013. Hunters spent fewer days hunting the statewide muzzleloader season as well; they hunted 2.4 days in 2011, 2.2 days in 2012, and 2.0 days in 2013 (Table 7). As compared to the results of a 2001-02 deer hunter survey, the average number of days spent hunting during the archery season in 2013 declined by about one day, the number of gun days has remained stable, and the number of days spent hunting the statewide muzzleloader season has declined slightly. However, because more hunters are now likely to participate in multiple seasons, the average number of days spent hunting across the entire deer season has increased by about 2.5 days since 2001.

DEER DAMAGE

Because population goals for most of Ohio's rural counties are based on farmer tolerances, the likelihood of widespread agricultural problems should be minimal when deer populations are at or near goal. However, some localized damage is still likely to occur where hunter access is limited. In situations where deer need to be killed to reduce property damage, landowners/lessees may be issued Deer Damage Control Permits (DDCP) at the time the damage is occurring to kill deer during the dates and under the conditions specified on the permit. For most agricultural problems, these permits will only be valid from January 1 until the start of the archery season. Under limited circumstances permits may be extended until the start of the youth gun season. In specific circumstances, permits may be valid year-round to control damage at orchards, nurseries, inside municipalities, and for safety purposes at airports. Regardless of the situation, DDCPs expire no later than December 31 the year they are issued. Except in the case of rub damage to trees, permit holders are strongly encouraged to kill antlerless deer. Permit holders must surrender all antlers to the Division of Wildlife. In 2013, a total of 1,177 crop damage complaints was received by the Division of Wildlife, 9.3% fewer than the previous year (Figure 14). This is the fourth year in a row that both the number of complaints received and the number of deer killed on damage permits have declined. Out of the 1,177 complaints received, the Division of Wildlife issued permits in 1,135 cases. In 2013, these Deer Damage Control Permits resulted in 4,923 deer killed, 431 fewer than the 2012 season.

LOOKING BACK

The 2013-14 season was certainly a year of change. After an unprecedented 6-year run of stable hunting regulations, the 2013-14 season saw more significant regulation changes than is typical for an entire decade. First, legal shooting hours were extended to one-half hour past sunset during all firearms seasons. There was no reported safety issues associated with this change and harvest records indicate that a little over 3,100 deer were harvested during the week of gun season in the 30 minutes after sunset. With this change, Ohio joins at least 33 other states where it is legal to hunt with a firearm during the half hour after sunset. The other notable change was the addition of the 2-day antlerless-only muzzleloader season that took place the second weekend in October. We estimated that more than 60,000 hunters participated in the season and harvested 5,608 deer, well within the preseason forecast of 5,000-8,000 deer.

2014-15 SEASON PREVIEW

Background and Justification

Compared to the 2013-14 season, the 2014-15 season will be relatively quiet in terms of regulation changes. Changes to look for include the addition of straight-walled cartridge rifles to the list of legal deer hunting implements and restrictions on the use of the \$15 antlerless permit. In response

to overwhelming public support, straight-walled cartridge rifles will be legal for use during the youth and statewide gun seasons. Be sure and check the hunting digest for a list of legal calibers.

The Division of Wildlife remains committed to providing quality deer now and into the future. To accomplish this, we must harvest an adequate number of does each year to maintain the herd at a level that is not only socially acceptable to most, but that the habitat is capable of supporting in good to excellent condition. Through a combination of liberal bag limits, reduced cost antlerless permits, and other programmatic changes, including education on the importance of an adequate doe harvest, we have successfully moved deer populations in most counties to, or very near, established goals. In response to the population declines, and to prevent populations from dropping below goal, bag limits have been reduced in 44 counties. In 29 counties where we believe additional antlerless harvest reductions are warranted, we have opted to discontinue using the antlerless-only permit. The removal of the antlerless-only permit is designed to ease harvest pressure on antlerless deer. Though the bag limit in some of these counties will not change, we believe the removal of the antlerless-permit in these counties will likely have a greater impact on the antlerless harvest than a bag limit reduction.

Antlerless Permit Restrictions – The antlerless permit was introduced in 2007 as a tool to increase harvest pressure on antlerless deer and reduce populations. To that end, we have been very successful in many areas of the state. Now that populations are at or nearing goal in most counties, the antlerless permit is no longer needed. Without restrictions on its use, deer herds would continue to decline. Success will depend on our ability to modify hunter behavior through this permitting change. The change will not affect hunters that buy only one deer permit (about two-thirds of our hunters), as the vast majority of single-permit buyers purchase an either-sex permit, not the \$15 antlerless permit. However, it does have the potential to affect about two-thirds of the hunters that buy multiple permits. Those hunters that purchase multiple permits have two choices: buy multiple either-sex permits, or buy a combination of either-sex and antlerless-only permits. In the 2013-14 season, there were twice as many hunters that bought a combination of either-sex and antlerless-only permits compared to those that purchased only either-sex permits. More importantly, those combination permit buyers were more than twice as likely to purchase multiple permits at the same time as compared to either-sex only hunters. In other words, the buying habits of hunters purchasing a combination of either-sex and antlerless-only permits commit them to harvesting multiple deer from the start. On the other hand, the majority of hunters that buy only either-sex permits adopt a “fill and buy approach”, where they only purchase one permit at a time, fill it, and then decide whether they will buy another permit to continue hunting. Because of the one-at-a-time purchasing pattern exhibited by either-sex permit holders, they are never committed to harvesting more than one deer. Moreover, if their first deer is a buck, chances are good that they will be done hunting for the year, as they are not likely to purchase another permit to hunt antlerless deer. By removing the antlerless permit, hunters that historically bought multiple permits at the same time may alter their permit purchasing tendencies and buy only one permit at a time. Hunters that have grown accustomed to using the \$15 antlerless permit will likely decide to buy fewer permits, which will lead to the intended goal of a reduced antlerless harvest.

Early Muzzleloader Antlerless-Only Season – Some hunters voiced their displeasure with the early muzzleloader season during the 2014-15 public comment period. Although open house attendees typically only represent a small fraction of Ohio’s hunters, their concerns are valid all the same. For this reason, it is important to discuss the justification for keeping this weekend a part of the 2014-2015 deer season.

The first common criticism of the early muzzleloader season was, "It causes deer to become nocturnal." The most logical way to determine if this is true would be to monitor the movements of deer before, during, and after the early muzzleloader season. This would be a costly venture and likely take several years of data collection, but fortunately the Pennsylvania Game Commission conducted research on this very topic about a decade ago. Just like Ohio, Pennsylvania has an October muzzleloader season (though it is a week-long season rather than two days) and researchers placed GPS collars on antlered bucks to see what effect the season had on their movement patterns. Not surprisingly the majority of buck movement was right at daylight or dusk, and continued through the night hours for each time period (Figure 15). Most notably, the study showed that bucks moved just as much, or even a bit more, during daylight *after* the early muzzleloader season as they did before or during it.

The second concern raised by hunters was that the early muzzleloader season would lower bow-hunting success, and, ultimately, archery harvest. The harvest data tell a different story. The 2013-14 season started out slow, and after the first day of the season, archers had harvested 10% fewer bucks than they had in 2012. By day 16, the day after the conclusion of the early muzzleloader season, archers had harvested 31% fewer bucks than last year. However, by the 33rd day of the season, bow hunters made up for lost ground and actually surpassed the 2012 harvest. Two other significant statistics point to a great year for archers. While the harvest was down for all of our firearms seasons, the archery buck harvest was 2% higher than the 2012 season, and this past year's archery harvest accounted for a record 45% of the total harvest!

A third concern of archers was the fact that they were limited to only antlerless deer that weekend. For a host of biological as well as sociological reasons, the intent of the early muzzleloader season, as well as the antlerless-only permit, was to shift the harvest of antlerless deer earlier in the season. Hunters are apt to hunt more and harvest again if their first deer is early and antlerless. If archers were allowed the option of either-sex during this 2-day season, it would likely diminish the effectiveness of this important management tool. Inevitably, muzzleloader hunters would want an either-sex option as well, or they would just switch to using archery equipment. If this were to happen, the season would undoubtedly lose its effectiveness. The second weekend in October was purposefully chosen for the antlerless-only season because, historically, this weekend has produced fewer buck harvests than any other early season weekend. On average, about 2,000 deer (less than 1% of the season's harvest) were harvested on this particular weekend, and, of those 2,000 deer, only about 25% of them were bucks. Bow hunters in Ohio enjoy one of the longest archery seasons in the country, and they are being asked to make a very small sacrifice for the betterment of Ohio's deer management program as a whole.

Finally, a common misconception held by some was that few hunters even liked the season. In the inaugural early muzzleloader season, 5,608 deer were harvested. If we assume a 10% success rate, there were an estimated 56,000 muzzleloader hunters in the woods on the second weekend of October this past year. On that same weekend, archers reported harvesting 945 deer. Using the same success rate adds an estimated 9,500 archers, for an estimated total of 65,500 hunters that hunted during the third weekend of the 2013 season. In 2012, with no early muzzleloader season, 2,304 deer were harvested by archers the 3rd weekend of the season, which equates to about 23,000 hunters. Compared to the same weekend in the 2012 season, the early muzzleloader season resulted in hunting opportunity for nearly 3 times as many hunters in 2013!

The timing of this antlerless-only season is consistent with the Division of Wildlife's emphasis on the importance of harvesting antlerless deer early in the hunting season. There are multiple benefits to harvesting an antlerless deer early in the season versus later in the year: it is more biologi-

cally sound, it is easier to differentiate between button bucks and adult does early in the season, and balancing the sex ratio of the herd early in the season can intensify rutting activity. Harvesting an antlerless deer early in the season allows the resources that deer would have consumed over the course of the season to be available to the surviving herd later in winter. A deer's diet varies throughout the year, but on average, a 150 pound deer in good condition will eat 10-12 pounds of forage per day. So, if a hunter chose to pass on a doe on October 1, but harvested that same doe on January 1, it would have consumed food resources for an additional 3 months, totaling about 900 pounds of forage! A January harvest means those 900 pounds of resources consumed between October and January were not available to benefit those deer that survive the season. On the other hand, if the doe would have been harvested with the first opportunity in October, those resources it would have consumed throughout the season would be available to other deer. Deer surviving the season would be able to put these resources to good use by improving their body condition for the winter and following year, eventually translating into bigger body sizes, better reproductive potential, and larger antlers.

Not only is an early harvest more biologically sound, but because buck fawns are still relatively small compared to mature does early in the season, the difference in body size makes it easier for hunters to avoid mistaking a button buck for a doe. Later in the season, button bucks may be nearly as big as adult does, making identification much more difficult, and mistakes much more likely. Finally, taking does before the onset of the rut can positively affect the sex ratio of the population, increasing the amount of competition during the breeding season. This can cause bucks to be more visible during the peak of the rut, displaying more intense rutting behaviors, which translates into a better experience for deer hunters.

Season Forecast

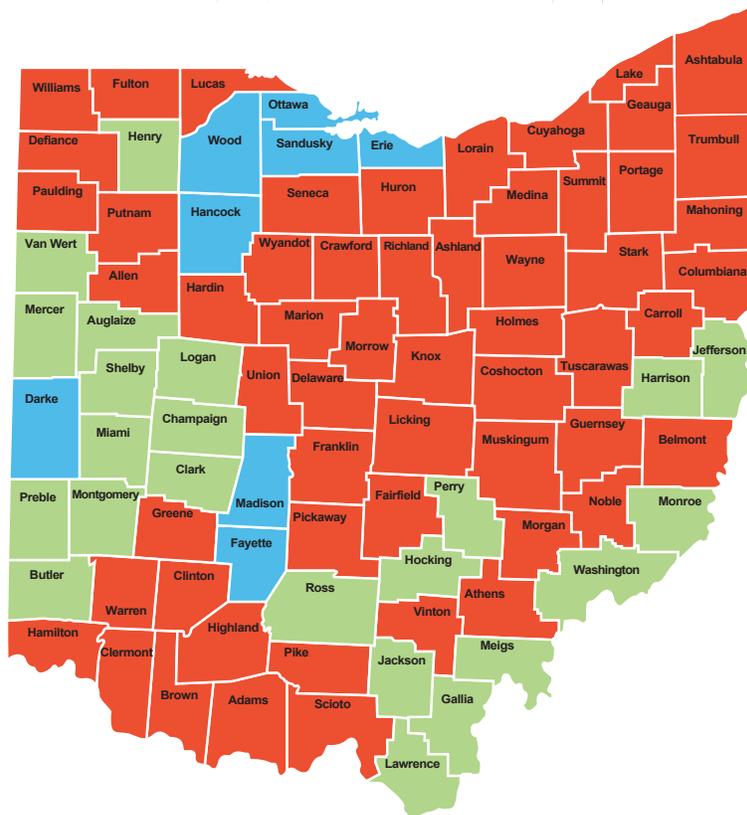
Attempts to reduce deer herds to goal have been largely successful. Therefore, to avoid further population declines and to stabilize herd numbers, further reductions in bag limits and antlerless harvest opportunities are in order for the 2014-2015 season. Reducing bag limits in 44 counties, along with the removal of the antlerless-only permit in 29 counties, should contribute to a reduced total statewide harvest this season to somewhere between 180,000 – 185,000 deer. The buck harvest, largely unaffected by regulation changes and more representative of the size of the population should be similar to last year's harvest of 70,100.

DEER SEASONS AND BAG LIMIT MAP

THE TOTAL BAG LIMIT IS NINE (9) WITH NO MORE THAN ONE (1) ANTLERED DEER. YOU CANNOT EXCEED AN INDIVIDUAL COUNTY BAG LIMIT.

Season	Opening Date	Closing Date
Archery Season	Sept 28, 2013	Feb 2, 2014
Antlerless Deer Muzzleloader Season	Oct 12, 2013	Oct 13, 2013
Youth Gun Season	Nov 23, 2013	Nov 24, 2013
Gun Season	Dec 2, 2013	Dec 8, 2013
Muzzleloader Season	Jan 4, 2014	Jan 7, 2014

2 One (1) either-sex permit and one (1) antlerless permit	3 Two (2) either-sex permits and one (1) antlerless permit	4 Three (3) either-sex permits and one (1) antlerless permit
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2-DEER COUNTIES	3-DEER COUNTIES	4-DEER COUNTIES
A hunter may kill no more than two (2) deer in a 2-deer county during the 2013-2014 season. No more than one (1) with an either-sex permit and no more than one (1) with an antlerless permit	A hunter may kill no more than three (3) deer in a 3-deer county during the 2013-2014 season. No more than two (2) with an either-sex permit and no more than one (1) with an antlerless permit	A hunter may kill no more than four (4) deer in a 4-deer county during the 2013-2014 season. No more than three (3) with an either-sex permit and no more than one (1) with an antlerless permit

Figure 1. Ohio's 2013-14 deer zones and permit structure.

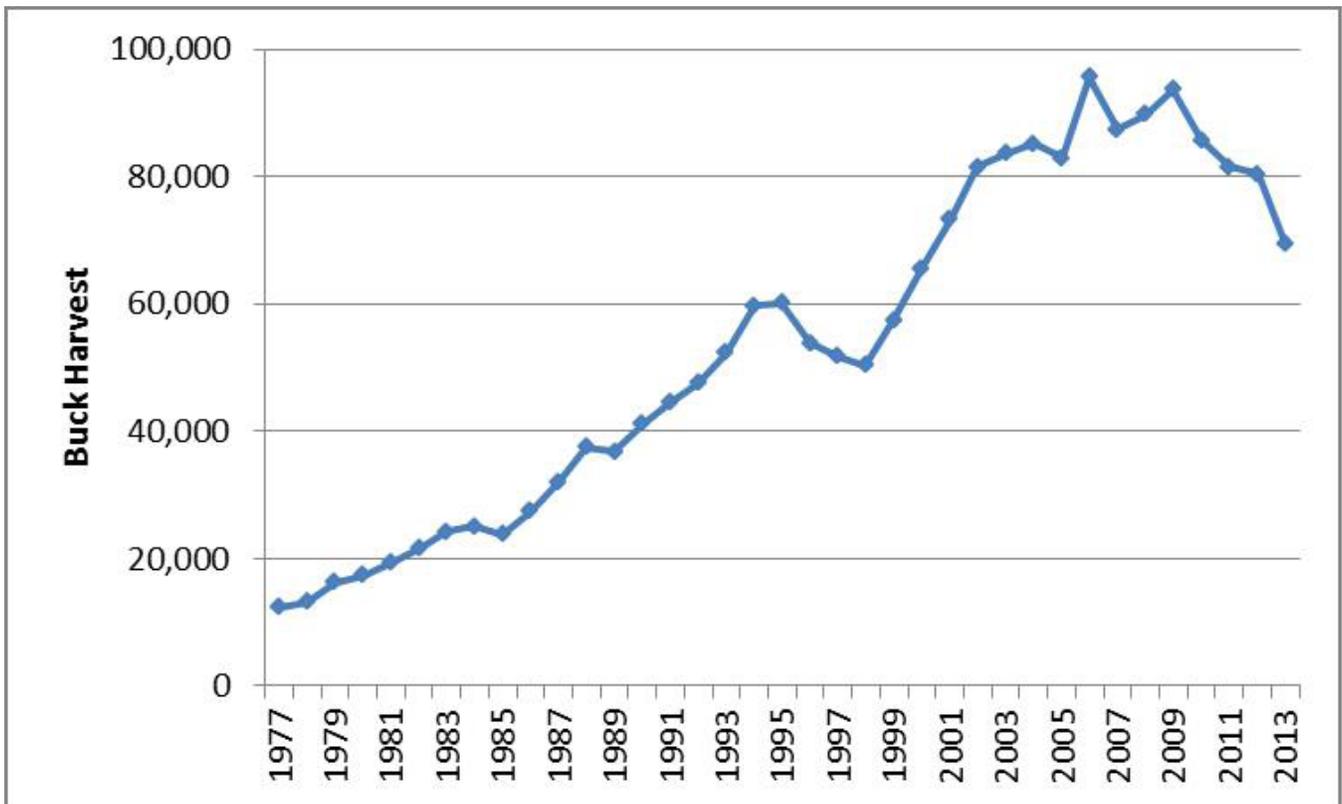


Figure 2. Ohio statewide antlered buck harvest, 1977 – 2013.

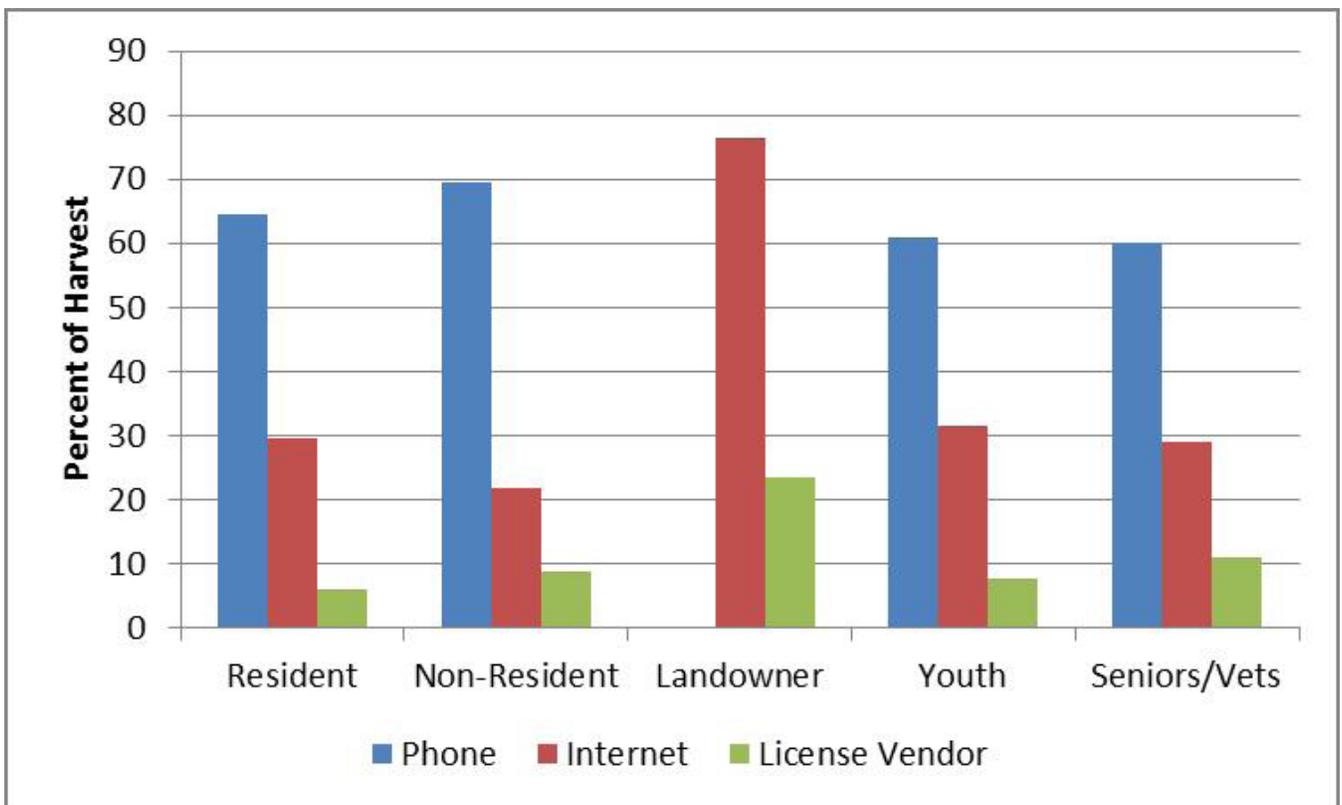


Figure 3. Percent of harvested deer that were reported over the phone, on the internet, or at a license vendor in Ohio during the 2013-14 season. Landowners are not able to use the phone to record their harvest.

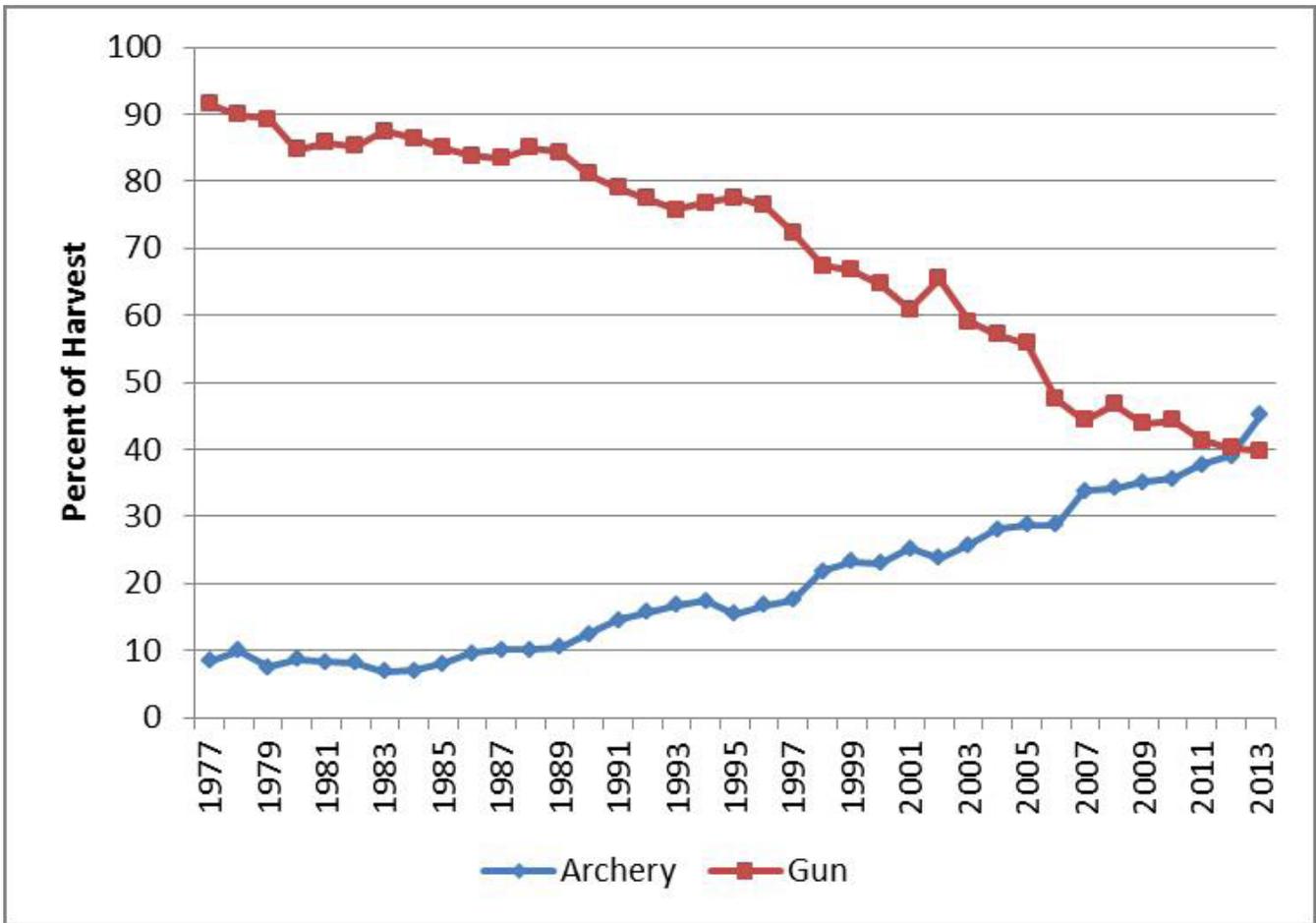


Figure 4. Percent of the total annual Ohio deer harvest taken during the gun and archery seasons, 1977 – 2013.

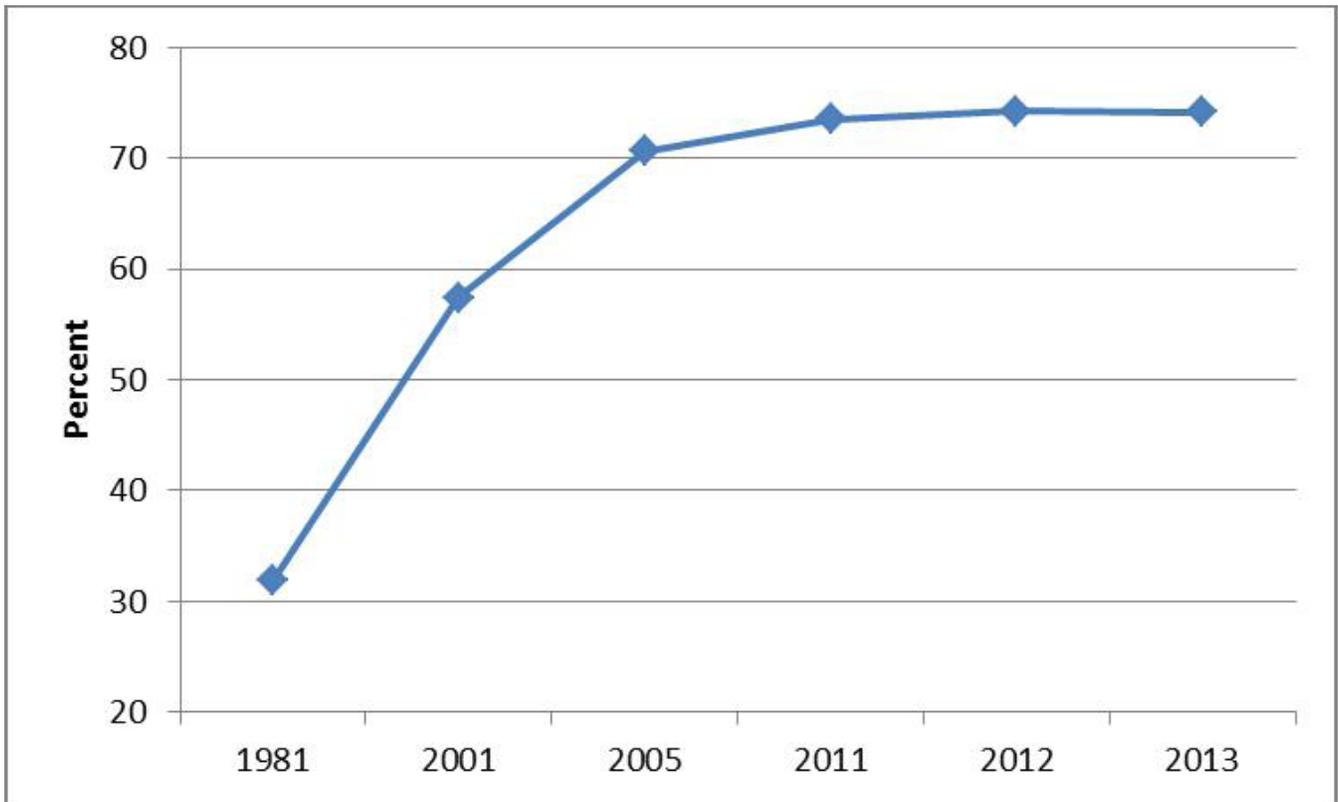


Figure 5. Percent of Ohio gun hunters that also participated in the archery season, select years 1981 – present.

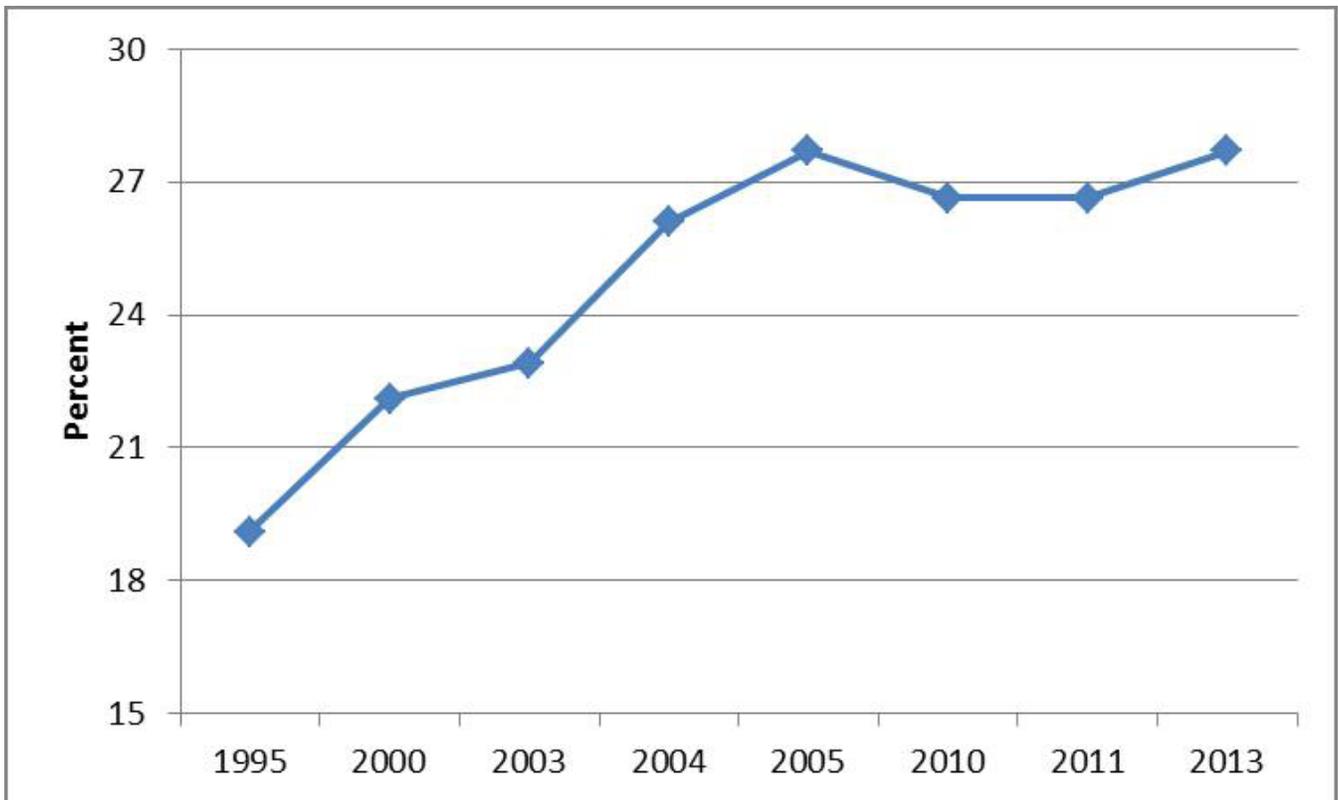


Figure 6. Percent of the total harvest attributed to landowners, 1995 – 2013.

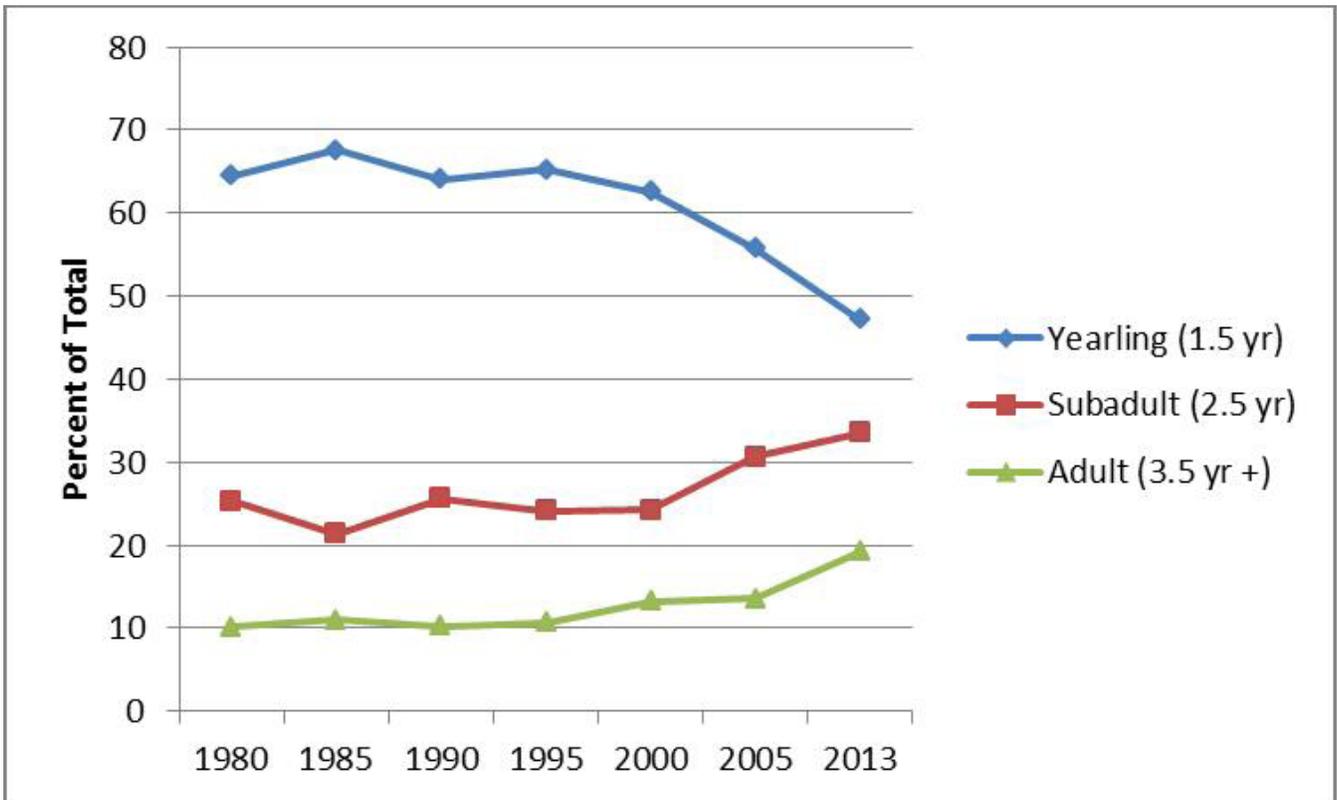


Figure 8. Trends in the age structure of harvested antlered bucks, 1980 – 2013.

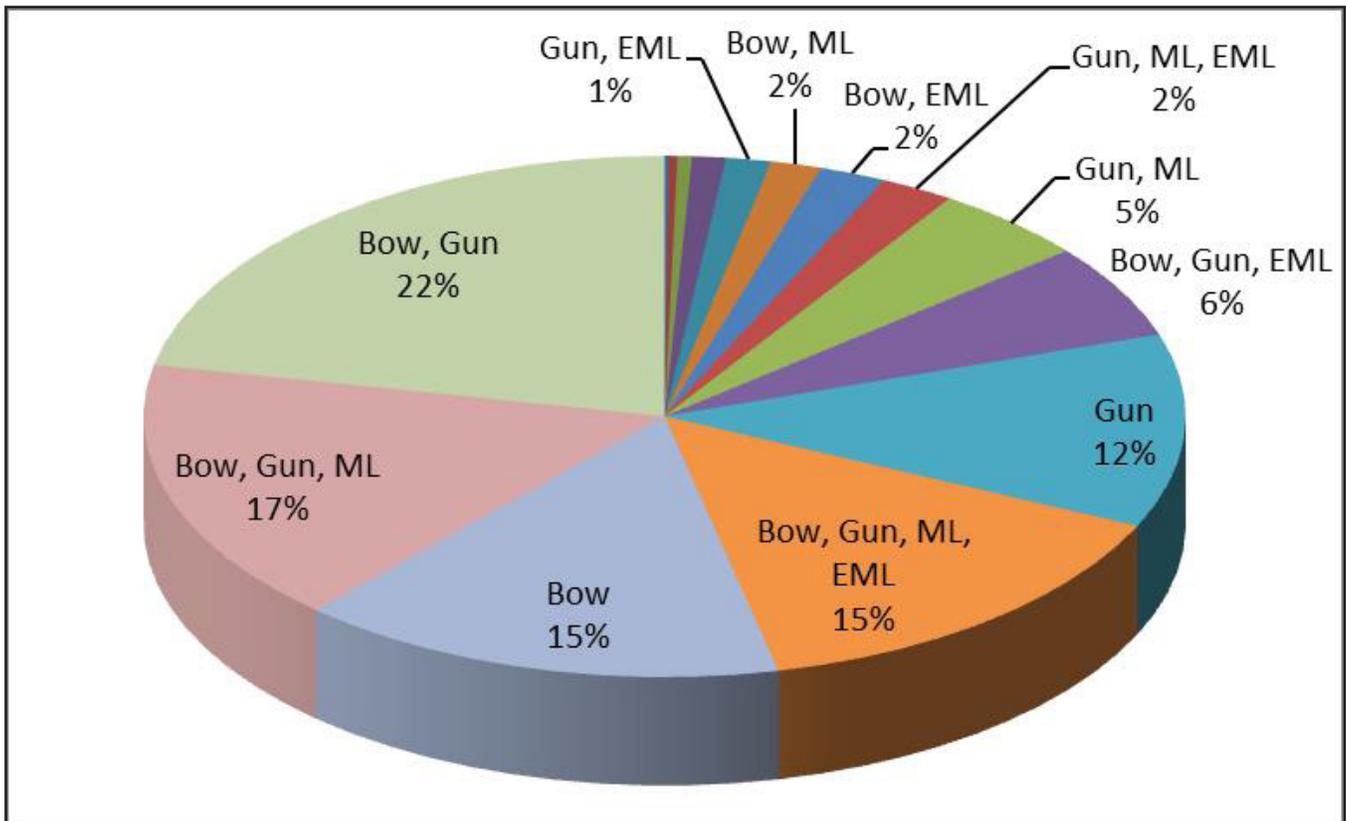


Figure 9. Hunter participation rates for the 2013-14 Ohio deer season. EML = Early Antlerless-only Muzzleloader, ML = January Muzzleloader.

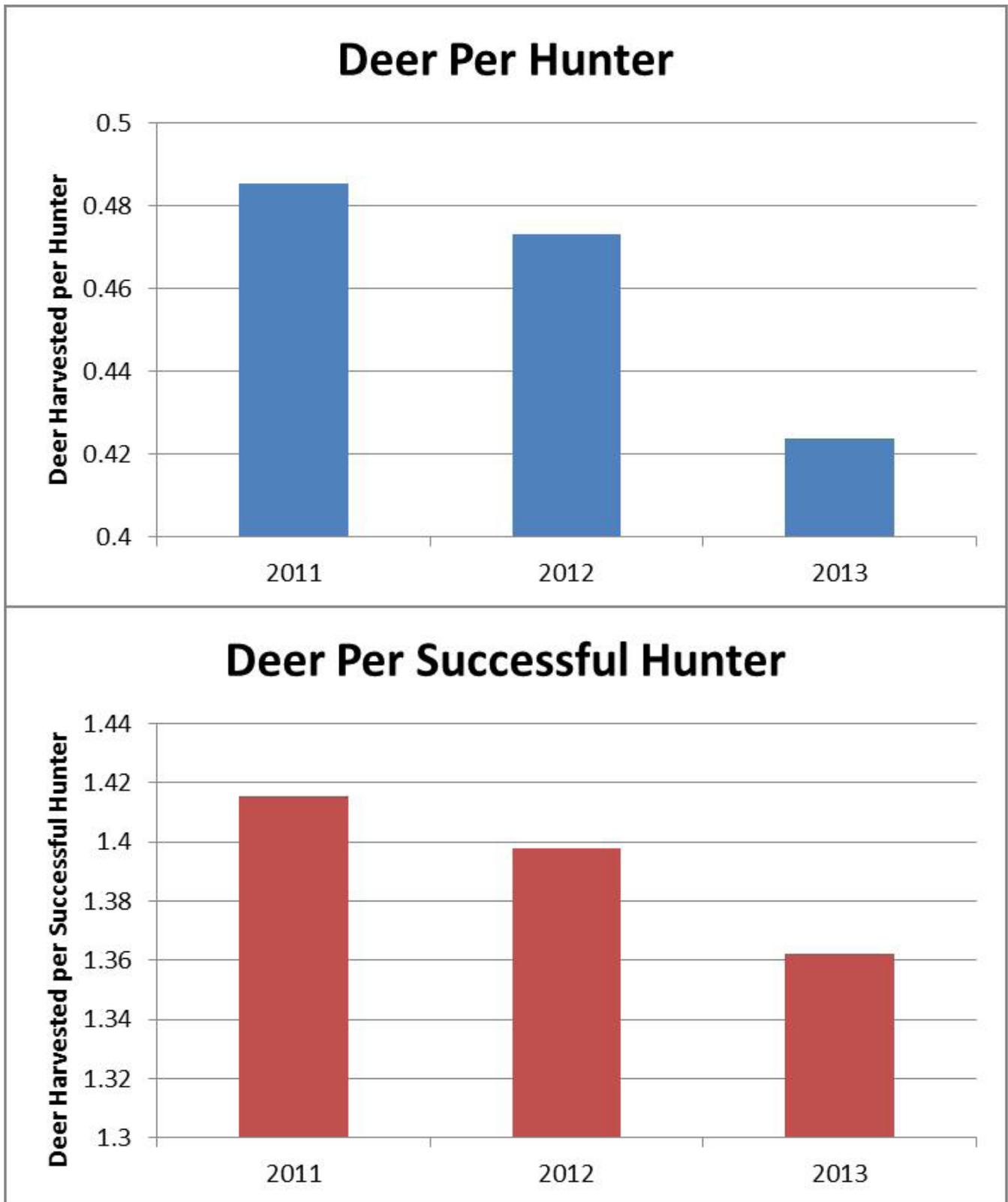


Figure 10. Average number of deer taken per hunter and per successful hunter, 2011 – 2013.

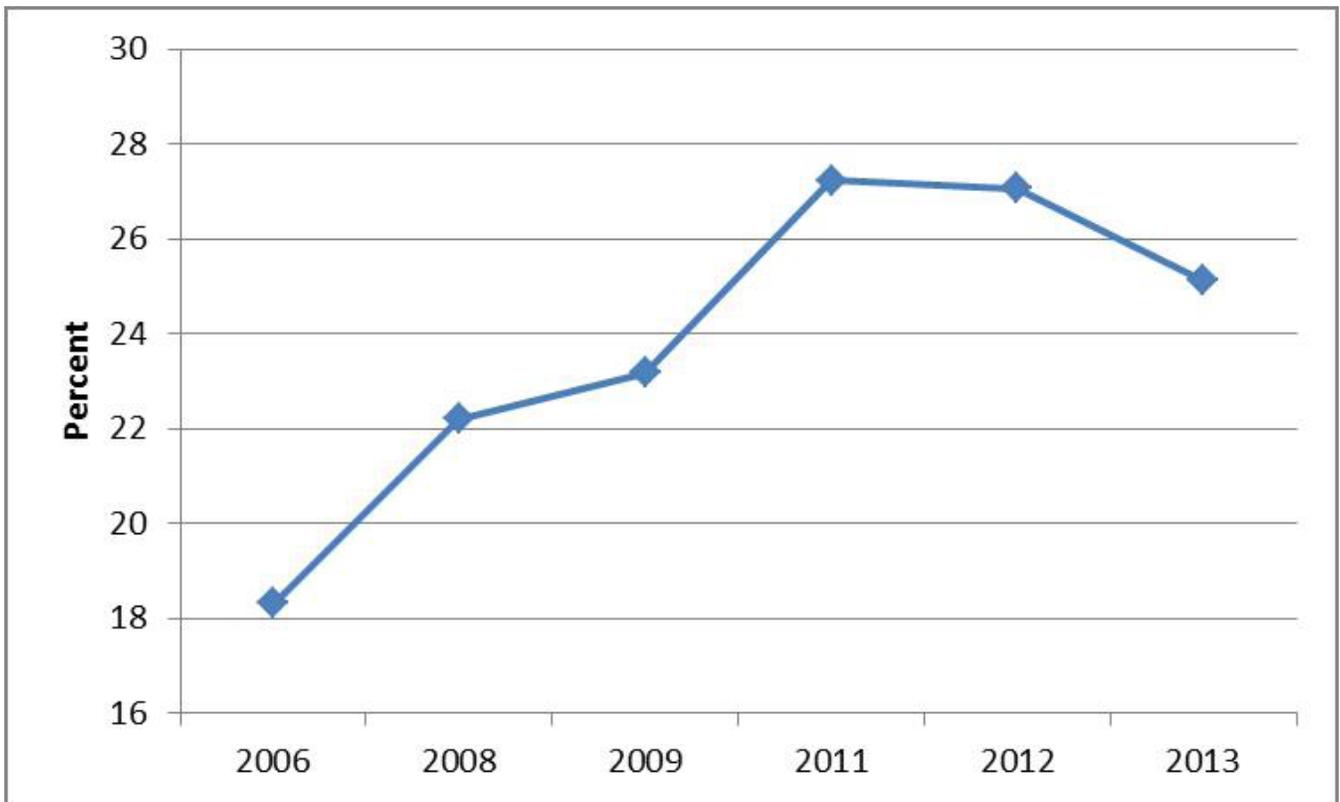


Figure 11. Percent of successful hunters harvesting two or more deer in Ohio, 2006 – 2013.

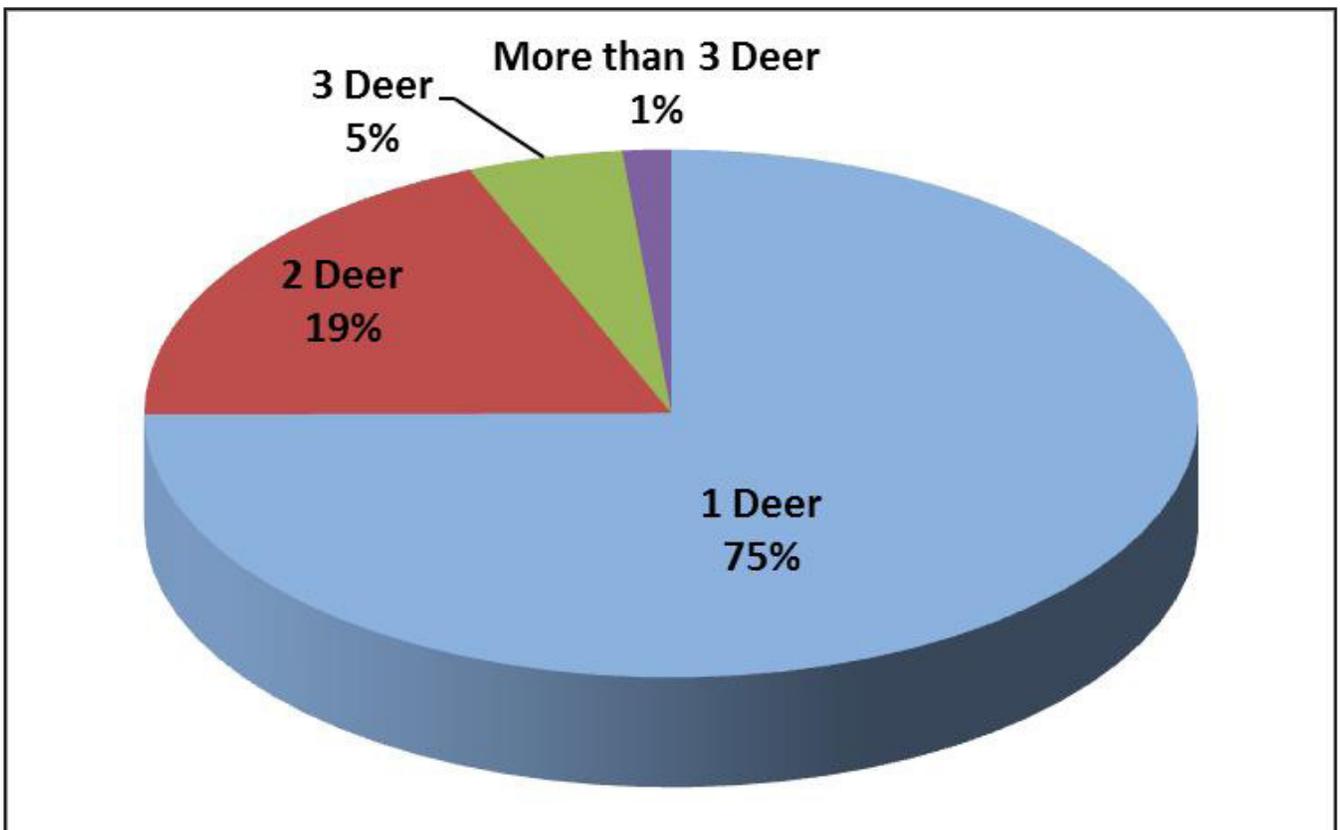


Figure 12. Percent of successful hunters taking one, two, three, or more than three deer during the 2013-14 season.

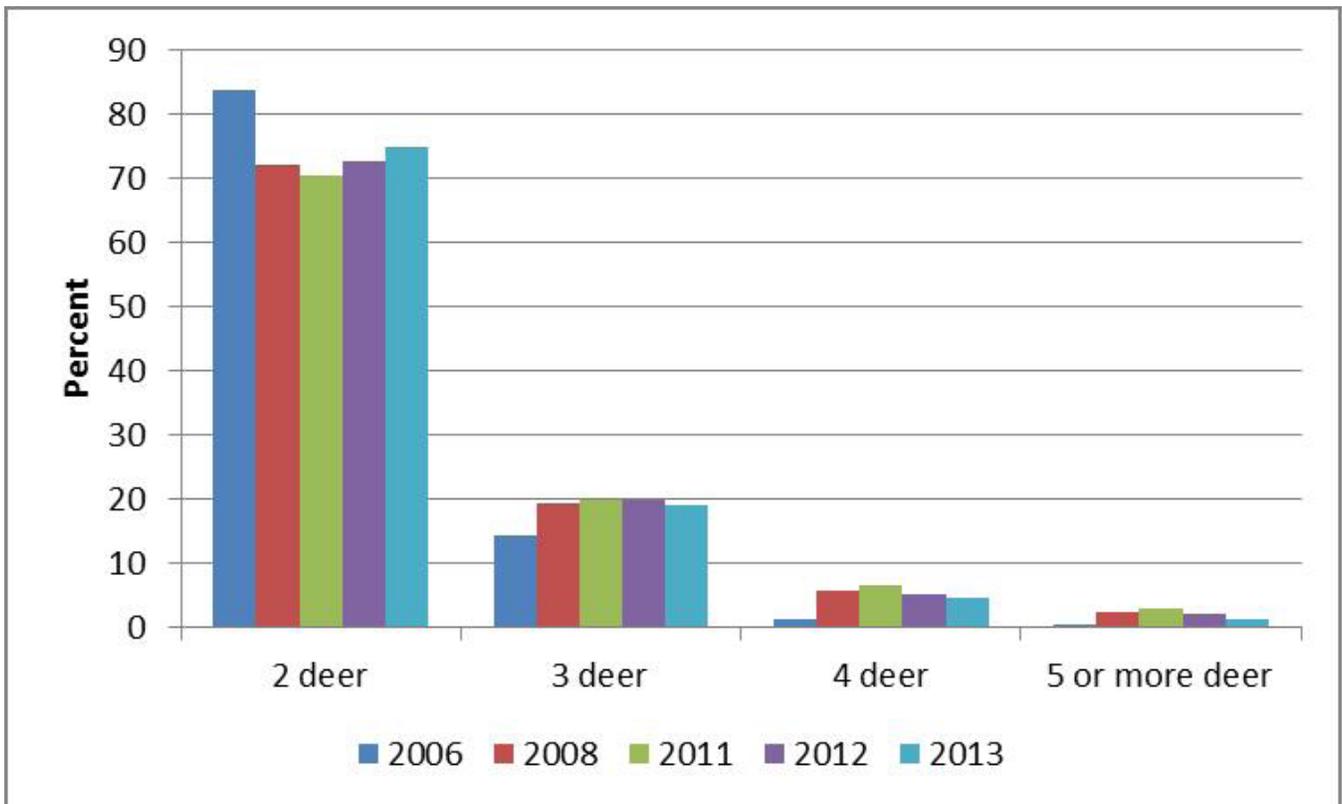


Figure 13. Percent of multiple-harvest hunters that bagged two, three, four, or five or more deer during the 2006, 2008, and 2011 – 2013 seasons.

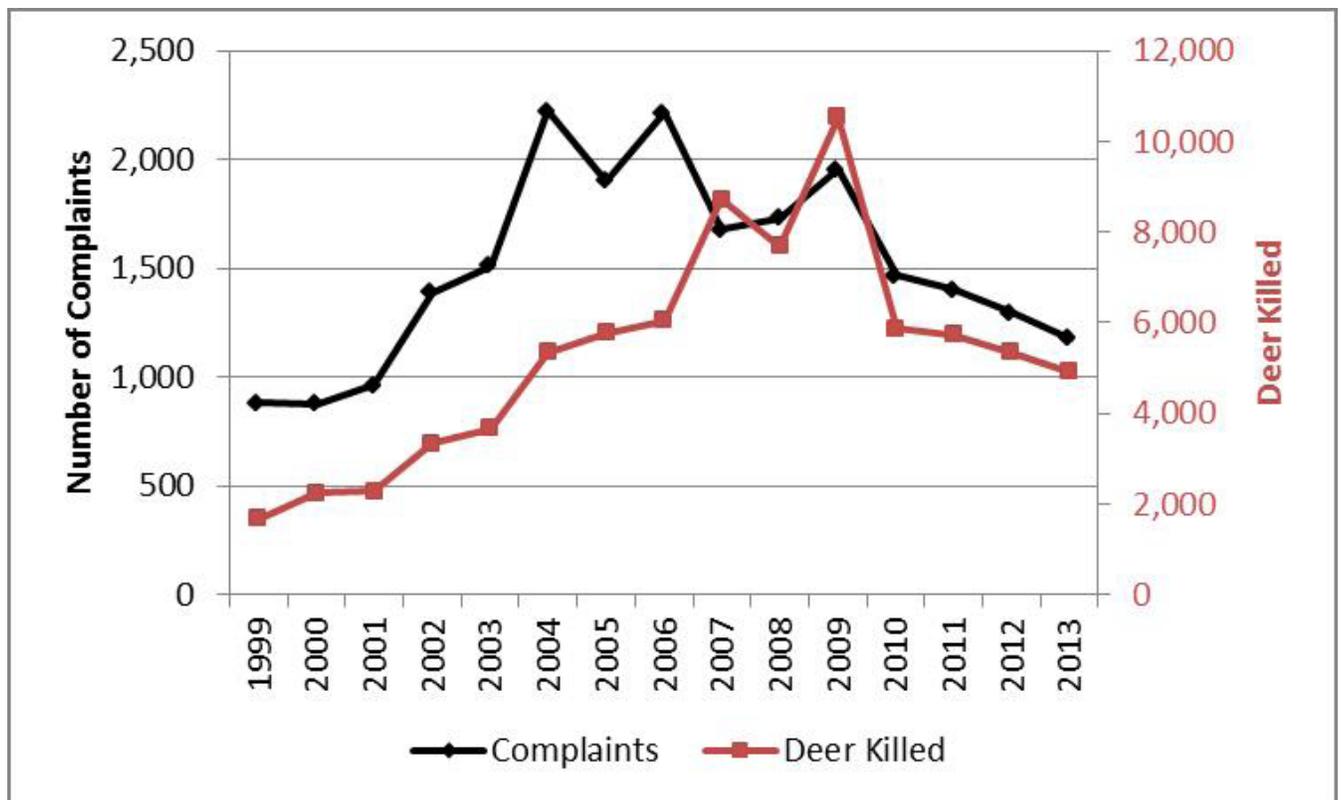


Figure 14. Number of complaints of deer damage and the number of deer killed on DDCPs in Ohio, 1999 – 2013.

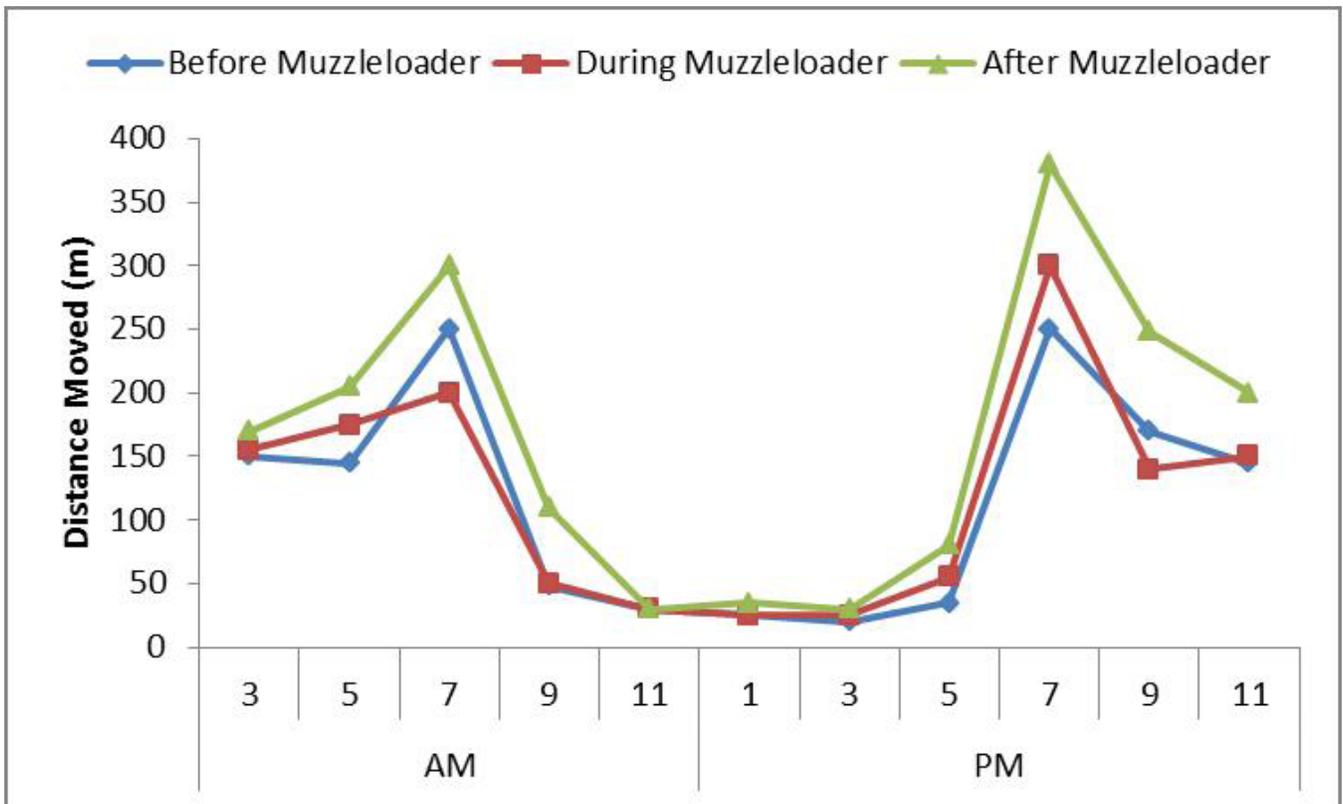


Figure 15. Median distances moved by antlered deer during 2-hour time intervals the week before, during, and after the October muzzleloader season in Pennsylvania, 2002 – 2004.

Table 1. Ohio deer permits issued 2007 – 2013.

Year	Permit			Total
	Youth	Either-Sex	Antlerless-only	
2007-08	65,647	411,522	101,197	578,366
2008-09	67,338	396,704	147,400	611,442
2009-10	67,828	394,620	162,460	624,908
2010-11	66,300	380,462	162,655	609,417
2011-12	62,864	377,302	163,383	603,549
2012-13	64,634	397,333	126,918	588,885
2013-14	60,961	373,315	101,400	535,676

Table 2. Ohio's 2013-14 buck, doe, button buck, and total harvest by season.

	Bucks		Does		Buttons		Total		
	2013	2012	2013	2012	2013	2012	2013	2012	Change (%)
Gun	26,349	31,221	39,838	44,937	9,221	10,805	75,408	86,963	-13.3
Archery									
Crossbow	20,957	19,934	22,935	21,826	5,149	5,258	49,041	47,018	4.3
Vertical Bow	14,723	14,840	18,357	19,015	3,440	3,770	36,520	37,625	-2.9
Archery Total	35,680	34,774	41,292	40,841	8,589	9,028	85,561	84,643	1.1
Muzzleloader									
Early Antlerless Only	69		4,655		884		5,608		
Late Statewide	4,352	5,411	10,141	13,379	1,971	2,765	16,464	21,555	-23.6
Muzzleloader Total	4,421	5,537	14,796	13,540	2,855	2,792	22,072	21,869	1.8
Youth	3,043	4,671	2,671	3,306	926	1,201	6,640	9,178	-27.7
Total	70,100*	81,149	99,587	111,820	21,816	25,941	191,503	218,910	-12.5

*Includes 1,884 bucks with antlers less than three inches in length and 933 shed bucks.

Table 3. Ohio's buck, doe, button buck, and total harvest by season for the top five counties.

Season	County	Bucks*	Does	Buttons	Total	Rank	
						2013	2012
Gun	Coshocton	821	1,512	325	2,658	1	1
	Muskingum	888	1,412	304	2,604	2	2
	Tuscarawas	783	1,501	320	2,604	3	3
	Guernsey	785	1,320	296	2,401	4	4
	Ashtabula	698	1,322	314	2,334	5	11
Crossbow	Licking	660	800	176	1,636	1	1
	Coshocton	592	712	122	1,426	2	2
	Tuscarawas	507	633	133	1,273	3	3
	Ashtabula	469	601	195	1,265	4	4
	Trumbull	462	553	179	1,194	5	11
Vertical Bow	Licking	526	668	91	1,285	1	1
	Coshocton	468	562	93	1,123	2	2
	Adams	420	513	73	1,006	3	8
	Muskingum	445	464	53	962	4	4
	Hamilton	278	543	102	923	5	5
Early Muzzleloader	Ashtabula	0	160	40	200	1	
	Licking	3	143	18	164	2	
	Guernsey	3	117	24	144	3	
	Muskingum	2	128	13	143	4	
	Knox	0	118	23	141	5	
Muzzleloader	Guernsey	167	397	88	652	1	1
	Coshocton	147	388	95	630	2	2
	Muskingum	162	365	66	593	3	4
	Tuscarawas	141	375	76	592	4	3
	Belmont	153	357	51	561	5	5
Youth	Coshocton	98	107	43	248	1	2
	Tuscarawas	98	77	45	220	2	1
	Muskingum	106	81	25	212	3	3
	Holmes	83	80	33	196	4	6
	Knox	76	85	28	189	5	5
Total	Coshocton	2,139	3,426	707	6,272	1	1
	Tuscarawas	1,925	3,195	654	5,774	2	3
	Licking	2,048	3,043	620	5,711	3	2
	Muskingum	2,095	2,911	541	5,547	4	4
	Guernsey	1,878	2,849	581	5,308	5	5

*Includes bucks with antlers less than three inches in length and shed bucks.

Table 4. Proportion of antlered and antlerless harvests by season for adult residents, non-residents, and landowners during the 2013-14 Ohio deer season.

	Antlered Harvest			Antlerless Harvest		
	Resident	Non-resident	Landowner	Resident	Non-resident	Landowner
Archery	53	66	51	47	55	36
Early Muzzleloader	0	0	0	5	2	4
Gun	41	28	44	38	31	50
Statewide Muzzleloader	6	6	5	10	13	10

Table 5. Top 10 Counties with the greatest percentage of their total, antlered, and antlerless harvests attributed to landowners in the 2013-14 Ohio deer season.

County	Percent of Total Harvest by Landowners	Percent of Antlered Harvest by Landowners (Rank)	Percent of Antlerless Harvest by Landowners (Rank)
Meigs	44	40 (1)	46 (1)
Washington	41	35 (4)	44 (2)
Scioto	40	36 (3)	42 (3)
Athens	37	33 (9)	40 (4)
Jackson	37	34 (6)	39 (7)
Perry	37	33 (8)	39 (6)
Guernsey	37	34 (5)	38 (8)
Gallia	37	36 (2)	37 (10)
Monroe	36	33 (12)	40 (5)
Pike	35	31 (13)	38 (9)

Table 6. Participation and success rates for resident adult hunters on public and private land for each of the 2013-14 Ohio deer seasons.

	Participation Rate ¹			Estimated Number of Hunters ¹			Number of Successful Hunters ²			Success Rate (%) ¹		
	2013	2012	Change (%)	2013	2012	Change (%)	2013	2012	Change (%)	2013	2012	Change (%)
Archery	0.79	0.79	-0.4	176,115	182,670		34,512	33,755	2.2	19.6	18.5	6.0
Private				58,389	60,562		4,056	4,219	-3.9	6.9	7.0	-0.3
Public				184,881	191,762	-3.6	37,836	37,206	1.7	20.5	19.4	5.5
Total												
Early Muzzleloader	0.28			61,902			2,936			4.7		
Private				20,523			445			2.2		
Public				64,983			3,374			5.2		
Total												
Gun	0.79	0.79	0.6	177,623	182,463		29,303	33,690	-13.0	16.5	18.5	-10.7
Private				58,889	60,493		5,302	6,347	-16.5	9.0	10.5	-14.2
Public				186,464	191,544	-2.7	34,316	39,676	-13.5	18.4	20.7	-11.2
Total												
Muzzleloader	0.41	0.44	-6.8	92,686	102,727		7,332	10,087	-27.3	7.9	9.8	-19.4
Private				30,729	34,058		1,179	1,497	-21.2	3.8	4.4	-12.7
Public				97,299	107,840	-9.8	8,498	11,544	-26.4	8.7	10.7	-18.4
Total												
Total				223,945	231,316		65,114	72,711	-10.4	29.1	31.4	-7.5
Private				74,246	76,690		10,244	12,082	-15.2	13.8	15.8	-12.4
Public				235,091	242,829	-3.2	73,116	82,183	-11.0	31.1	33.8	-8.1
Total												

¹ Represents only resident adult hunters. Excludes non-residents, youth, seniors, disabled veterans, and landowners.

² The number of unique resident adults that harvested at least one deer.

Table 7. Average number of days spent hunting in each of the 2001, 2011, 2012, and 2013 Ohio deer seasons.

	2001	2011	2012	2013
Archery	20.8	19.3	19.2	19.7
Early Muzzleloader				1.6
Gun	3.8	4.0	3.9	3.7
Bonus Gun		1.6	1.5	
Statewide Muzzleloader	2.8	2.4	2.2	2.0
All Seasons	17.3	19.9	20.0	19.7

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Adams	Gun	469	575	738	813	136	166	1343	1554	-13.6
	Crossbow	380	361	449	400	69	63	898	824	9.0
	Vertical Bow	420	418	513	420	73	72	1006	910	10.5
	Early Muzzleloader	2		116		17		135		
	Muzzleloader	94	115	172	202	30	30	296	347	-14.7
	Youth	78	109	52	45	18	24	148	178	-16.9
	Total		1452	1671	2049	2047	348	379	3849	4097
Allen	Gun	132	132	185	196	63	65	380	393	-3.3
	Crossbow	99	105	133	122	37	40	269	267	0.7
	Vertical Bow	99	84	125	117	46	39	270	240	12.5
	Early Muzzleloader	1		36		9		46		
	Muzzleloader	14	23	26	49	6	16	46	88	-47.7
	Youth	18	22	14	12	3	6	35	40	-12.5
	Total		364	390	528	537	165	179	1057	1106
Ashland	Gun	367	439	630	634	165	167	1162	1240	-6.3
	Crossbow	304	278	345	322	77	90	726	690	5.2
	Vertical Bow	200	189	251	250	46	59	497	498	-0.2
	Early Muzzleloader	0		90		21		111		
	Muzzleloader	63	58	180	212	40	40	283	310	-8.7
	Youth	58	70	46	61	18	21	122	152	-19.7
	Total		1000	1104	1563	1604	370	416	2933	3124
Ashtabula	Gun	698	654	1322	1099	314	299	2334	2052	13.7
	Crossbow	469	481	601	568	195	150	1265	1199	5.5
	Vertical Bow	234	218	390	411	109	87	733	716	2.4
	Early Muzzleloader	0		160		40		200		
	Muzzleloader	71	86	182	261	60	75	313	422	-25.8
	Youth	42	68	45	65	25	33	112	166	-32.5
	Total		1522	1605	2714	2620	746	702	4982	4927
Athens	Gun	592	704	957	1081	196	198	1745	1983	-12.0
	Crossbow	336	320	301	280	59	62	696	662	5.1
	Vertical Bow	397	364	404	340	57	56	858	760	12.9
	Early Muzzleloader	4		102		11		117		
	Muzzleloader	121	118	314	335	50	57	485	510	-4.9
	Youth	65	94	49	52	13	15	127	161	-21.1
	Total		1525	1678	2139	2261	389	416	4053	4355

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Auglaize	Gun	96	128	153	186	50	48	299	362	-17.4
	Crossbow	85	90	87	107	28	31	200	228	-12.3
	Vertical Bow	54	72	81	93	32	29	167	194	-13.9
	Early Muzzleloader	0		32		7		39		
	Muzzleloader	8	14	30	30	3	7	41	51	-19.6
	Youth	12	24	22	22	6	10	40	56	-28.6
	Total		256	354	407	486	126	141	789	981
Belmont	Gun	639	817	1037	1101	175	209	1851	2127	-13.0
	Crossbow	387	342	338	330	44	36	769	708	8.6
	Vertical Bow	216	205	237	266	22	29	475	500	-5.0
	Early Muzzleloader	1		83		15		99		
	Muzzleloader	153	171	357	498	51	70	561	739	-24.1
	Youth	90	133	64	83	11	18	165	234	-29.5
	Total		1500	1781	2132	2508	321	406	3953	4695
Brown	Gun	335	420	500	560	97	114	932	1094	-14.8
	Crossbow	214	254	242	226	56	49	512	529	-3.2
	Vertical Bow	256	267	314	312	71	56	641	635	0.9
	Early Muzzleloader	1		75		18		94		
	Muzzleloader	68	75	145	201	20	29	233	305	-23.6
	Youth	35	72	49	50	7	11	91	133	-31.6
	Total		919	1153	1337	1474	271	289	2527	2916
Butler	Gun	117	143	168	159	27	48	312	350	-10.9
	Crossbow	213	200	261	188	52	51	526	439	19.8
	Vertical Bow	177	174	238	210	50	47	465	431	7.9
	Early Muzzleloader	0		50		7		57		
	Muzzleloader	35	35	61	64	8	11	104	110	-5.5
	Youth	11	34	16	16	1	9	28	59	-52.5
	Total		556	617	802	694	145	179	1503	1490
Carroll	Gun	656	716	1114	1099	249	247	2019	2062	-2.1
	Crossbow	364	372	417	399	117	93	898	864	3.9
	Vertical Bow	182	242	277	317	49	60	508	619	-17.9
	Early Muzzleloader	0		105		15		120		
	Muzzleloader	129	165	284	441	45	77	458	683	-32.9
	Youth	56	88	82	86	23	14	161	188	-14.4
	Total		1397	1703	2306	2545	502	543	4205	4791

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Champaign	Gun	148	194	211	212	55	81	414	487	-15.0
	Crossbow	144	145	162	158	35	36	341	339	0.6
	Vertical Bow	137	137	142	170	40	52	319	359	-11.1
	Early Muzzleloader	2		26		8		36		
	Muzzleloader	24	33	51	76	8	9	83	118	-29.7
	Youth	25	33	15	28	9	8	49	69	-29.0
	Total		480	565	608	690	155	194	1243	1449
Clark	Gun	73	99	93	102	32	25	198	226	-12.4
	Crossbow	125	123	116	101	24	22	265	246	7.7
	Vertical Bow	95	90	96	118	17	23	208	231	-10.0
	Early Muzzleloader	0		25		3		28		
	Muzzleloader	21	19	32	37	2	5	55	61	-9.8
	Youth	12	16	4	10	2	4	18	30	-40.0
	Total		328	363	371	404	81	90	780	857
Clermont	Gun	232	302	341	428	94	105	667	835	-20.1
	Crossbow	380	371	463	405	90	99	933	875	6.6
	Vertical Bow	343	355	482	483	71	91	896	929	-3.6
	Early Muzzleloader	5		78		8		91		
	Muzzleloader	39	49	102	134	12	29	153	212	-27.8
	Youth	37	61	23	23	6	9	66	93	-29.0
	Total		1044	1185	1505	1581	284	360	2833	3126
Clinton	Gun	90	138	129	163	31	47	250	348	-28.2
	Crossbow	101	95	126	90	27	23	254	208	22.1
	Vertical Bow	100	98	128	114	23	27	251	239	5.0
	Early Muzzleloader	1		27		6		34		
	Muzzleloader	7	20	40	46	5	12	52	78	-33.3
	Youth	11	28	19	22	7	11	37	61	-39.3
	Total		313	399	471	469	99	129	883	997
Columbiana	Gun	575	618	934	842	217	226	1726	1686	2.4
	Crossbow	417	339	372	399	77	92	866	830	4.3
	Vertical Bow	172	165	204	222	42	52	418	439	-4.8
	Early Muzzleloader	1		105		22		128		
	Muzzleloader	90	82	249	289	40	70	379	441	-14.1
	Youth	61	76	45	54	14	17	120	147	-18.4
	Total		1325	1358	1928	2005	417	500	3670	3863

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Coshocton	Gun	821	1004	1512	1714	325	401	2658	3119	-14.8
	Crossbow	592	610	712	678	122	167	1426	1455	-2.0
	Vertical Bow	468	465	562	623	93	94	1123	1182	-5.0
	Early Muzzleloader	1		115		22		138		
	Muzzleloader	147	173	388	526	95	114	630	813	-22.5
	Youth	98	157	107	100	43	38	248	295	-15.9
	Total		2139	2536	3426	3935	707	882	6272	7353
Crawford	Gun	184	212	269	244	75	87	528	543	-2.8
	Crossbow	101	105	110	128	31	27	242	260	-6.9
	Vertical Bow	58	60	63	95	18	19	139	174	-20.1
	Early Muzzleloader	0		25		7		32		
	Muzzleloader	12	21	34	57	7	17	53	95	-44.2
	Youth	14	27	17	20	6	8	37	55	-32.7
	Total		370	456	519	607	144	166	1033	1229
Cuyahoga	Gun	13	8	16	19	2	3	31	30	3.3
	Crossbow	163	141	229	256	34	63	426	460	-7.4
	Vertical Bow	73	44	122	141	22	24	217	209	3.8
	Early Muzzleloader	0		5		0		5		
	Muzzleloader	0	3	1	3	0	0	1	6	-83.3
	Youth	1	0	0	1	0	0	1	1	0.0
	Total		250	197	373	425	58	90	681	712
Darke	Gun	70	106	71	157	29	49	170	312	-45.5
	Crossbow	67	90	83	119	35	43	185	252	-26.6
	Vertical Bow	52	83	90	121	16	38	158	242	-34.7
	Early Muzzleloader	0		24		2		26		
	Muzzleloader	5	13	14	38	3	11	22	62	-64.5
	Youth	10	19	7	33	6	13	23	65	-64.6
	Total		205	333	293	502	91	164	589	999
Defiance	Gun	266	308	360	450	118	124	744	882	-15.6
	Crossbow	112	119	149	160	66	61	327	340	-3.8
	Vertical Bow	96	102	155	180	50	47	301	329	-8.5
	Early Muzzleloader	0		41		7		48		
	Muzzleloader	25	22	41	67	8	18	74	107	-30.8
	Youth	25	47	35	41	16	14	76	102	-25.5
	Total		525	644	786	970	265	288	1576	1902

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Delaware	Gun	153	224	183	313	57	83	393	620	-36.6
	Crossbow	201	221	258	220	50	71	509	512	-0.6
	Vertical Bow	131	170	231	243	56	47	418	460	-9.1
	Early Muzzleloader	1		30		7		38		
	Muzzleloader	38	40	50	96	13	16	101	152	-33.6
	Youth	23	25	19	10	7	7	49	42	16.7
	Total		549	710	777	939	190	239	1516	1888
Erie	Gun	80	81	77	70	19	20	176	171	2.9
	Crossbow	120	98	109	87	26	22	255	207	23.2
	Vertical Bow	52	45	55	51	16	9	123	105	17.1
	Early Muzzleloader	0		23		2		25		
	Muzzleloader	14	16	11	34	2	6	27	56	-51.8
	Youth	7	13	7	8	5	3	19	24	-20.8
	Total		326	271	353	267	81	66	760	604
Fairfield	Gun	296	363	432	550	99	127	827	1040	-20.5
	Crossbow	244	245	262	248	58	60	564	553	2.0
	Vertical Bow	216	221	265	248	50	39	531	508	4.5
	Early Muzzleloader	1		41		9		51		
	Muzzleloader	46	54	118	130	28	27	192	211	-9.0
	Youth	31	59	32	43	6	12	69	114	-39.5
	Total		839	1001	1156	1304	250	290	2245	2595
Fayette	Gun	59	49	36	51	8	11	103	111	-7.2
	Crossbow	37	31	31	23	9	4	77	58	32.8
	Vertical Bow	38	33	15	27	4	9	57	69	-17.4
	Early Muzzleloader	0		7		0		7		
	Muzzleloader	10	11	16	14	1	2	27	27	0.0
	Youth	13	6	4	8	3	6	20	20	0.0
	Total		159	137	109	131	25	33	293	301
Franklin	Gun	46	58	48	93	19	25	113	176	-35.8
	Crossbow	126	132	127	135	32	33	285	300	-5.0
	Vertical Bow	116	116	131	162	20	33	267	311	-14.1
	Early Muzzleloader	0		9		0		9		
	Muzzleloader	9	18	19	20	3	6	31	44	-29.5
	Youth	4	12	3	5	0	1	7	18	-61.1
	Total		303	343	340	427	76	105	719	875

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Fulton	Gun	144	170	146	192	51	51	341	413	-17.4
	Crossbow	87	80	111	98	35	29	233	207	12.6
	Vertical Bow	51	77	100	91	36	23	187	191	-2.1
	Early Muzzleloader	3		22		4		29		
	Muzzleloader	10	19	12	21	8	10	30	50	-40.0
	Youth	12	32	15	18	7	4	34	54	-37.0
	Total		307	399	411	449	141	125	859	973
Gallia	Gun	507	637	779	942	134	168	1420	1747	-18.7
	Crossbow	305	204	226	217	42	38	573	459	24.8
	Vertical Bow	204	184	195	222	30	35	429	441	-2.7
	Early Muzzleloader	0		52		8		60		
	Muzzleloader	65	94	192	202	26	41	283	337	-16.0
	Youth	59	80	45	50	8	12	112	142	-21.1
	Total		1144	1269	1505	1764	250	323	2899	3356
Geauga	Gun	165	172	283	324	61	102	509	598	-14.9
	Crossbow	253	248	338	394	90	95	681	737	-7.6
	Vertical Bow	147	106	232	293	70	79	449	478	-6.1
	Early Muzzleloader	2		45		16		63		
	Muzzleloader	27	33	52	77	17	16	96	126	-23.8
	Youth	17	29	16	28	5	8	38	65	-41.5
	Total		617	617	973	1173	261	320	1851	2110
Greene	Gun	87	112	120	161	17	45	224	318	-29.6
	Crossbow	136	129	172	127	25	30	333	286	16.4
	Vertical Bow	101	116	164	157	35	36	300	309	-2.9
	Early Muzzleloader	0		22		4		26		
	Muzzleloader	17	20	34	55	7	20	58	95	-38.9
	Youth	3	17	6	8	0	3	9	28	-67.9
	Total		345	411	523	545	88	140	956	1096
Guernsey	Gun	785	894	1320	1428	296	298	2401	2620	-8.4
	Crossbow	522	540	556	512	92	99	1170	1151	1.7
	Vertical Bow	316	361	350	340	50	60	716	761	-5.9
	Early Muzzleloader	3		117		24		144		
	Muzzleloader	167	210	397	488	88	123	652	821	-20.6
	Youth	76	112	86	95	20	25	182	232	-21.6
	Total		1878	2300	2849	3136	581	661	5308	6097

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Hamilton	Gun	76	85	108	133	18	26	202	244	-17.2
	Crossbow	309	298	449	430	81	88	839	816	2.8
	Vertical Bow	278	289	543	556	102	114	923	959	-3.8
	Early Muzzleloader	0		16		2		18		
	Muzzleloader	17	24	38	43	5	12	60	79	-24.1
	Youth	10	17	11	3	2	0	23	20	15.0
	Total		695	726	1168	1194	210	245	2073	2165
Hancock	Gun	176	233	135	243	27	82	338	558	-39.4
	Crossbow	94	115	88	122	20	25	202	262	-22.9
	Vertical Bow	111	98	104	137	23	31	238	266	-10.5
	Early Muzzleloader	0		25		6		31		
	Muzzleloader	16	33	22	60	4	9	42	102	-58.8
	Youth	20	34	20	26	6	11	46	71	-35.2
	Total		422	537	398	628	88	171	908	1336
Hardin	Gun	176	224	280	229	88	59	544	512	6.3
	Crossbow	87	101	100	132	33	39	220	272	-19.1
	Vertical Bow	80	76	154	155	38	39	272	270	0.7
	Early Muzzleloader	1		33		9		43		
	Muzzleloader	27	41	46	54	7	15	80	110	-27.3
	Youth	17	14	21	16	6	13	44	43	2.3
	Total		390	490	636	626	182	180	1208	1296
Harrison	Gun	738	850	1165	1292	230	228	2133	2370	-10.0
	Crossbow	421	455	447	462	77	84	945	1001	-5.6
	Vertical Bow	274	240	310	346	43	51	627	637	-1.6
	Early Muzzleloader	3		101		11		115		
	Muzzleloader	128	163	323	415	62	99	513	677	-24.2
	Youth	81	116	70	86	14	23	165	225	-26.7
	Total		1654	1944	2438	2823	441	533	4533	5300
Henry	Gun	142	142	148	154	36	50	326	346	-5.8
	Crossbow	62	49	48	57	22	29	132	135	-2.2
	Vertical Bow	34	52	68	56	18	19	120	127	-5.5
	Early Muzzleloader	0		11		3		14		
	Muzzleloader	5	10	7	16	4	8	16	34	-52.9
	Youth	14	22	12	10	6	6	32	38	-15.8
	Total		257	300	296	320	89	124	642	744

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Highland	Gun	370	476	538	702	133	169	1041	1347	-22.7
	Crossbow	258	249	304	284	72	69	634	602	5.3
	Vertical Bow	239	231	289	275	53	53	581	559	3.9
	Early Muzzleloader	1		65		13		79		
	Muzzleloader	88	85	143	191	23	42	254	318	-20.1
	Youth	54	91	45	65	15	12	114	168	-32.1
	Total		1013	1201	1389	1658	312	374	2714	3233
Hocking	Gun	519	706	780	1048	157	212	1456	1966	-25.9
	Crossbow	379	330	384	342	49	63	812	735	10.5
	Vertical Bow	269	292	321	317	42	62	632	671	-5.8
	Early Muzzleloader	2		88		13		103		
	Muzzleloader	92	115	230	276	40	54	362	445	-18.7
	Youth	59	86	53	58	15	13	127	157	-19.1
	Total		1326	1578	1870	2179	318	430	3514	4187
Holmes	Gun	491	599	832	994	171	244	1494	1837	-18.7
	Crossbow	440	400	510	478	104	91	1054	969	8.8
	Vertical Bow	247	291	447	437	53	74	747	802	-6.9
	Early Muzzleloader	1		66		22		89		
	Muzzleloader	75	88	206	265	55	53	336	406	-17.2
	Youth	83	105	80	92	33	38	196	235	-16.6
	Total		1347	1566	2167	2434	444	535	3958	4535
Huron	Gun	346	344	541	522	142	140	1029	1006	2.3
	Crossbow	193	188	220	191	59	58	472	437	8.0
	Vertical Bow	121	118	144	178	46	34	311	330	-5.8
	Early Muzzleloader	1		65		14		80		
	Muzzleloader	32	36	95	114	23	27	150	177	-15.3
	Youth	38	57	30	56	17	23	85	136	-37.5
	Total		737	801	1099	1169	303	311	2139	2281
Jackson	Gun	390	487	632	802	134	150	1156	1439	-19.7
	Crossbow	320	304	285	295	57	63	662	662	0.0
	Vertical Bow	253	254	237	266	23	33	513	553	-7.2
	Early Muzzleloader	2		56		4		62		
	Muzzleloader	75	110	169	218	21	33	265	361	-26.6
	Youth	42	100	39	52	16	16	97	168	-42.3
	Total		1088	1322	1423	1775	258	321	2769	3418

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Jefferson	Gun	606	698	728	959	160	173	1494	1830	-18.4
	Crossbow	335	314	279	283	35	42	649	639	1.6
	Vertical Bow	202	225	188	289	16	31	406	545	-25.5
	Early Muzzleloader	1		71		10		82		
	Muzzleloader	92	161	334	396	46	62	472	619	-23.7
	Youth	83	98	60	59	13	19	156	176	-11.4
	Total		1333	1597	1672	2170	281	354	3286	4121
Knox	Gun	680	698	1024	1158	262	303	1966	2159	-8.9
	Crossbow	389	411	459	528	110	124	958	1063	-9.9
	Vertical Bow	331	354	453	472	67	85	851	911	-6.6
	Early Muzzleloader	0		118		23		141		
	Muzzleloader	105	136	227	316	59	68	391	520	-24.8
	Youth	76	129	85	84	28	34	189	247	-23.5
	Total		1588	1830	2387	2771	554	655	4529	5256
Lake	Gun	46	63	68	113	12	31	126	207	-39.1
	Crossbow	167	157	222	268	33	60	422	485	-13.0
	Vertical Bow	57	62	117	116	21	26	195	204	-4.4
	Early Muzzleloader	0		16		2		18		
	Muzzleloader	12	12	8	37	0	10	20	59	-66.1
	Youth	3	10	2	4	3	5	8	19	-57.9
	Total		287	310	436	553	71	138	794	1001
Lawrence	Gun	425	522	499	660	78	104	1002	1286	-22.1
	Crossbow	227	190	209	172	19	30	455	392	16.1
	Vertical Bow	200	201	173	204	17	24	390	429	-9.1
	Early Muzzleloader	2		46		6		54		
	Muzzleloader	67	60	133	148	29	22	229	230	-0.4
	Youth	46	85	41	48	8	15	95	148	-35.8
	Total		972	1123	1108	1325	158	213	2238	2661
Licking	Gun	628	781	1021	1187	238	303	1887	2271	-16.9
	Crossbow	660	756	800	868	176	183	1636	1807	-9.5
	Vertical Bow	526	541	668	755	91	132	1285	1428	-10.0
	Early Muzzleloader	3		143		18		164		
	Muzzleloader	133	154	314	425	64	96	511	675	-24.3
	Youth	85	140	77	84	27	38	189	262	-27.9
	Total		2048	2486	3043	3600	620	801	5711	6887

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Logan	Gun	205	292	343	340	105	123	653	755	-13.5
	Crossbow	181	168	264	174	68	58	513	400	28.3
	Vertical Bow	171	188	224	243	51	46	446	477	-6.5
	Early Muzzleloader	1		62		14		77		
	Muzzleloader	22	53	86	105	22	24	130	182	-28.6
	Youth	32	54	31	47	16	20	79	121	-34.7
	Total		618	808	1021	984	278	286	1917	2078
Lorain	Gun	209	241	338	407	131	116	678	764	-11.3
	Crossbow	396	365	451	419	135	120	982	904	8.6
	Vertical Bow	146	114	201	183	42	40	389	337	15.4
	Early Muzzleloader	1		66		16		83		
	Muzzleloader	46	50	78	121	18	26	142	197	-27.9
	Youth	24	28	21	24	4	11	49	63	-22.2
	Total		828	856	1168	1257	347	333	2343	2446
Lucas	Gun	45	53	68	77	18	28	131	158	-17.1
	Crossbow	132	100	179	148	58	37	369	285	29.5
	Vertical Bow	55	68	100	75	22	13	177	156	13.5
	Early Muzzleloader	0		28		0		28		
	Muzzleloader	7	9	7	24	2	8	16	41	-61.0
	Youth	4	7	5	4	2	3	11	14	-21.4
	Total		244	239	390	340	102	95	736	674
Madison	Gun	65	80	51	49	11	12	127	141	-9.9
	Crossbow	57	51	48	31	8	12	113	94	20.2
	Vertical Bow	67	58	55	39	13	10	135	107	26.2
	Early Muzzleloader	0		16		3		19		
	Muzzleloader	15	19	10	15	2	1	27	35	-22.9
	Youth	14	12	7	7	4	2	25	21	19.0
	Total		221	238	189	163	41	42	451	443
Mahoning	Gun	234	228	402	317	114	119	750	664	13.0
	Crossbow	305	268	343	287	124	95	772	650	18.8
	Vertical Bow	134	110	180	169	52	47	366	326	12.3
	Early Muzzleloader	0		60		15		75		
	Muzzleloader	46	58	92	114	24	25	162	197	-17.8
	Youth	23	28	25	34	14	14	62	76	-18.4
	Total		745	721	1114	975	348	319	2207	2015

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Marion	Gun	140	167	166	208	42	35	348	410	-15.1
	Crossbow	90	77	107	75	22	23	219	175	25.1
	Vertical Bow	71	65	81	72	19	16	171	153	11.8
	Early Muzzleloader	0		19		8		27		
	Muzzleloader	18	12	18	35	6	7	42	54	-22.2
	Youth	12	17	8	9	3	4	23	30	-23.3
	Total		331	361	402	439	100	97	833	897
Medina	Gun	213	205	263	299	79	92	555	596	-6.9
	Crossbow	321	265	351	303	102	82	774	650	19.1
	Vertical Bow	132	125	171	166	36	49	339	340	-0.3
	Early Muzzleloader	0		57		11		68		
	Muzzleloader	47	37	75	94	15	28	137	159	-13.8
	Youth	18	33	17	27	7	14	42	74	-43.2
	Total		739	707	949	963	251	284	1939	1954
Meigs	Gun	579	637	756	929	147	198	1482	1764	-16.0
	Crossbow	326	283	285	243	42	44	653	570	14.6
	Vertical Bow	264	269	267	275	34	40	565	584	-3.3
	Early Muzzleloader	0		81		7		88		
	Muzzleloader	115	124	262	310	48	48	425	482	-11.8
	Youth	49	88	46	54	15	14	110	156	-29.5
	Total		1338	1478	1703	1969	295	368	3336	3815
Mercer	Gun	85	122	105	146	29	50	219	318	-31.1
	Crossbow	58	52	64	78	24	25	146	155	-5.8
	Vertical Bow	38	63	105	77	24	25	167	165	1.2
	Early Muzzleloader	0		23		3		26		
	Muzzleloader	5	12	16	30	7	6	28	48	-41.7
	Youth	13	14	17	27	1	12	31	53	-41.5
	Total		203	280	333	390	89	130	625	800
Miami	Gun	75	91	110	124	26	26	211	241	-12.4
	Crossbow	126	117	159	141	40	46	325	304	6.9
	Vertical Bow	87	100	129	126	36	37	252	263	-4.2
	Early Muzzleloader	0		18		2		20		
	Muzzleloader	11	15	29	43	5	7	45	65	-30.8
	Youth	10	18	11	11	2	6	23	35	-34.3
	Total		309	360	460	472	112	125	881	957

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Monroe	Gun	490	640	729	889	118	166	1337	1695	-21.1
	Crossbow	273	271	247	283	39	40	559	594	-5.9
	Vertical Bow	130	138	129	160	20	10	279	308	-9.4
	Early Muzzleloader	4		52		12		68		
	Muzzleloader	71	129	182	333	25	49	278	511	-45.6
	Youth	48	82	32	57	10	14	90	153	-41.2
	Total		1025	1331	1374	1832	226	301	2625	3464
Montgomery	Gun	46	60	44	80	19	22	109	162	-32.7
	Crossbow	138	126	116	127	31	35	285	288	-1.0
	Vertical Bow	76	78	120	143	35	37	231	258	-10.5
	Early Muzzleloader	0		16		2		18		
	Muzzleloader	11	15	11	32	2	10	24	57	-57.9
	Youth	6	9	4	3	3	2	13	14	-7.1
	Total		281	299	314	395	92	108	687	802
Morgan	Gun	485	615	797	915	163	182	1445	1712	-15.6
	Crossbow	241	228	239	196	34	42	514	466	10.3
	Vertical Bow	264	212	221	207	39	39	524	458	14.4
	Early Muzzleloader	1		51		13		65		
	Muzzleloader	82	99	238	308	41	53	361	460	-21.5
	Youth	59	94	41	59	18	12	118	165	-28.5
	Total		1146	1339	1615	1859	319	368	3080	3566
Morrow	Gun	226	306	326	409	88	129	640	844	-24.2
	Crossbow	188	184	185	169	32	52	405	405	0.0
	Vertical Bow	119	124	136	157	39	45	294	326	-9.8
	Early Muzzleloader	1		44		8		53		
	Muzzleloader	26	44	57	92	7	14	90	150	-40.0
	Youth	23	31	23	23	10	12	56	66	-15.2
	Total		586	722	778	932	185	270	1549	1924
Muskingum	Gun	888	978	1412	1585	304	364	2604	2927	-11.0
	Crossbow	483	465	444	434	76	97	1003	996	0.7
	Vertical Bow	445	456	464	456	53	77	962	989	-2.7
	Early Muzzleloader	2		128		13		143		
	Muzzleloader	162	185	365	478	66	88	593	751	-21.0
	Youth	106	132	81	109	25	39	212	280	-24.3
	Total		2095	2362	2911	3318	541	737	5547	6417

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Noble	Gun	502	646	793	827	159	174	1454	1647	-11.7
	Crossbow	336	274	278	258	51	43	665	575	15.7
	Vertical Bow	177	210	210	185	36	31	423	426	-0.7
	Early Muzzleloader	1		67		15		83		
	Muzzleloader	85	102	208	295	48	47	341	444	-23.2
	Youth	45	100	43	51	17	10	105	161	-34.8
	Total	1155	1411	1610	1741	326	336	3091	3488	-11.4
	Ottawa	Gun	36	33	43	42	9	11	88	86
Crossbow		71	80	86	56	27	18	184	154	19.5
Vertical Bow		37	27	47	36	6	6	90	69	30.4
Early Muzzleloader		0		8		2		10		
Muzzleloader		5	17	10	18	2	5	17	40	-57.5
Youth		6	9	2	6	2	6	10	21	-52.4
Total		156	167	196	165	50	47	402	379	6.1
Paulding		Gun	151	190	272	267	76	94	499	551
	Crossbow	68	63	101	101	34	36	203	200	1.5
	Vertical Bow	64	59	96	87	28	40	188	186	1.1
	Early Muzzleloader	0		43		13		56		
	Muzzleloader	17	21	29	50	5	12	51	83	-38.6
	Youth	18	25	15	32	10	12	43	69	-37.7
	Total	319	390	562	589	166	209	1047	1188	-11.9
	Perry	Gun	456	644	724	866	182	216	1362	1726
Crossbow		233	244	202	195	49	51	484	490	-1.2
Vertical Bow		212	183	175	221	30	43	417	447	-6.7
Early Muzzleloader		0		49		5		54		
Muzzleloader		82	91	167	237	45	47	294	375	-21.6
Youth		50	82	35	42	16	19	101	143	-29.4
Total		1040	1337	1362	1728	330	396	2732	3461	-21.1
Pickaway		Gun	125	204	180	252	38	44	343	500
	Crossbow	83	82	101	73	16	13	200	168	19.0
	Vertical Bow	83	80	63	68	10	19	156	167	-6.6
	Early Muzzleloader	0		15		3		18		
	Muzzleloader	11	22	30	51	6	10	47	83	-43.4
	Youth	13	32	12	5	3	10	28	47	-40.4
	Total	323	451	405	483	76	109	804	1043	-22.9

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Pike	Gun	346	387	372	486	100	100	818	973	-15.9
	Crossbow	261	232	239	178	40	29	540	439	23.0
	Vertical Bow	233	215	157	148	14	21	404	384	5.2
	Early Muzzleloader	0		46		5		51		
	Muzzleloader	54	83	113	117	20	17	187	217	-13.8
	Youth	46	60	29	25	8	4	83	89	-6.7
	Total		948	1025	961	1049	187	182	2096	2256
Portage	Gun	193	210	294	272	81	126	568	608	-6.6
	Crossbow	320	272	358	372	81	139	759	783	-3.1
	Vertical Bow	114	106	169	174	44	55	327	335	-2.4
	Early Muzzleloader	2		51		11		64		
	Muzzleloader	33	35	67	104	9	19	109	158	-31.0
	Youth	10	45	18	59	3	18	31	122	-74.6
	Total		739	686	1019	1035	249	375	2007	2096
Preble	Gun	114	127	125	155	35	41	274	323	-15.2
	Crossbow	115	93	134	144	38	36	287	273	5.1
	Vertical Bow	111	117	173	181	39	40	323	338	-4.4
	Early Muzzleloader	0		34		7		41		
	Muzzleloader	27	48	60	68	13	15	100	131	-23.7
	Youth	12	20	19	20	5	6	36	46	-21.7
	Total		382	430	550	617	138	150	1070	1197
Putnam	Gun	97	120	109	149	49	58	255	327	-22.0
	Crossbow	85	67	81	78	25	26	191	171	11.7
	Vertical Bow	57	49	69	66	22	16	148	131	13.0
	Early Muzzleloader	0		28		5		33		
	Muzzleloader	9	13	9	12	4	5	22	30	-26.7
	Youth	22	35	9	25	6	18	37	78	-52.6
	Total		270	298	306	360	111	126	687	784
Richland	Gun	410	453	603	738	169	227	1182	1418	-16.6
	Crossbow	390	408	475	519	120	124	985	1051	-6.3
	Vertical Bow	225	234	322	380	67	73	614	687	-10.6
	Early Muzzleloader	1		87		17		105		
	Muzzleloader	58	78	142	219	27	63	227	360	-36.9
	Youth	45	66	50	52	15	23	110	141	-22.0
	Total		1136	1294	1689	2016	417	541	3242	3851

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Ross	Gun	466	612	579	761	122	139	1167	1512	-22.8
	Crossbow	360	326	313	274	65	45	738	645	14.4
	Vertical Bow	340	312	277	269	43	45	660	626	5.4
	Early Muzzleloader	0		75		10		85		
	Muzzleloader	85	107	174	212	28	43	287	362	-20.7
	Youth	85	94	36	61	15	16	136	171	-20.5
	Total		1344	1525	1461	1692	283	313	3088	3530
Sandusky	Gun	115	92	65	98	28	34	208	224	-7.1
	Crossbow	131	130	149	131	33	24	313	285	9.8
	Vertical Bow	53	57	74	63	25	13	152	133	14.3
	Early Muzzleloader	0		20		7		27		
	Muzzleloader	11	17	26	38	6	11	43	66	-34.8
	Youth	12	14	13	8	3	5	28	27	3.7
	Total		322	325	349	371	102	93	773	789
Scioto	Gun	401	403	592	629	106	106	1099	1138	-3.4
	Crossbow	301	221	294	238	37	43	632	502	25.9
	Vertical Bow	278	252	272	270	30	49	580	571	1.6
	Early Muzzleloader	0		60		4		64		
	Muzzleloader	58	88	120	151	18	29	196	268	-26.9
	Youth	58	53	43	35	15	15	116	103	12.6
	Total		1103	1108	1391	1434	212	260	2706	2802
Seneca	Gun	273	308	359	362	115	133	747	803	-7.0
	Crossbow	174	184	176	211	54	50	404	445	-9.2
	Vertical Bow	89	99	139	140	27	42	255	281	-9.3
	Early Muzzleloader	1		54		14		69		
	Muzzleloader	29	40	58	84	11	25	98	149	-34.2
	Youth	23	43	25	37	9	19	57	99	-42.4
	Total		591	721	817	904	233	291	1641	1916
Shelby	Gun	128	178	190	215	53	63	371	456	-18.6
	Crossbow	97	95	150	151	45	52	292	298	-2.0
	Vertical Bow	72	84	127	133	30	31	229	248	-7.7
	Early Muzzleloader	0		47		16		63		
	Muzzleloader	13	19	61	59	8	23	82	101	-18.8
	Youth	23	37	27	32	7	19	57	88	-35.2
	Total		335	443	610	641	159	206	1104	1290

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Stark	Gun	291	292	476	424	116	117	883	833	6.0
	Crossbow	336	323	412	351	97	83	845	757	11.6
	Vertical Bow	180	150	234	232	61	60	475	442	7.5
	Early Muzzleloader	0		51		15		66		
	Muzzleloader	45	68	131	156	26	44	202	268	-24.6
	Youth	34	46	31	31	16	23	81	100	-19.0
	Total		893	927	1350	1297	337	347	2580	2571
Summit	Gun	58	69	60	67	22	27	140	163	-14.1
	Crossbow	373	311	427	385	106	116	906	812	11.6
	Vertical Bow	99	102	174	187	29	40	302	329	-8.2
	Early Muzzleloader	0		7		2		9		
	Muzzleloader	19	11	25	38	4	7	48	56	-14.3
	Youth	5	8	5	7	1	4	11	19	-42.1
	Total		559	505	708	702	164	203	1431	1410
Trumbull	Gun	400	386	701	620	197	231	1298	1237	4.9
	Crossbow	462	364	553	435	179	158	1194	957	24.8
	Vertical Bow	169	167	275	265	91	70	535	502	6.6
	Early Muzzleloader	4		87		26		117		
	Muzzleloader	47	67	129	202	46	52	222	321	-30.8
	Youth	33	39	27	45	12	25	72	109	-33.9
	Total		1161	1085	1850	1708	582	581	3593	3374
Tuscarawas	Gun	783	957	1501	1504	320	399	2604	2860	-9.0
	Crossbow	507	532	633	641	133	142	1273	1315	-3.2
	Vertical Bow	380	377	487	541	55	87	922	1005	-8.3
	Early Muzzleloader	1		95		19		115		
	Muzzleloader	141	170	375	499	76	115	592	784	-24.5
	Youth	98	157	77	124	45	36	220	317	-30.6
	Total		1925	2317	3195	3613	654	834	5774	6764
Union	Gun	126	144	128	166	47	42	301	352	-14.5
	Crossbow	85	80	80	72	31	31	196	183	7.1
	Vertical Bow	87	87	102	96	17	21	206	204	1.0
	Early Muzzleloader	0		21		11		32		
	Muzzleloader	20	31	30	49	7	14	57	94	-39.4
	Youth	18	16	7	14	4	7	29	37	-21.6
	Total		339	389	370	440	117	122	826	951

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
VanWert	Gun	73	105	115	152	26	33	214	290	-26.2
	Crossbow	46	41	56	61	20	19	122	121	0.8
	Vertical Bow	23	25	43	49	12	10	78	84	-7.1
	Early Muzzleloader	0		16		3		19		
	Muzzleloader	7	10	16	24	2	7	25	41	-39.0
	Youth	10	19	9	14	10	3	29	36	-19.4
	Total		161	220	256	337	74	79	491	636
Vinton	Gun	471	575	782	840	171	168	1424	1583	-10.0
	Crossbow	255	227	284	232	57	52	596	511	16.6
	Vertical Bow	247	265	239	245	38	38	524	548	-4.4
	Early Muzzleloader	0		72		7		79		
	Muzzleloader	85	108	253	232	54	52	392	392	0.0
	Youth	49	67	38	43	11	16	98	126	-22.2
	Total		1110	1302	1684	1726	339	353	3133	3381
Warren	Gun	116	149	135	212	34	45	285	406	-29.8
	Crossbow	220	244	213	219	77	60	510	523	-2.5
	Vertical Bow	136	180	198	169	47	37	381	386	-1.3
	Early Muzzleloader	0		31		8		39		
	Muzzleloader	25	37	56	89	10	16	91	142	-35.9
	Youth	7	34	11	9	8	9	26	52	-50.0
	Total		509	667	650	750	186	175	1345	1592
Washington	Gun	627	774	850	1171	129	218	1606	2163	-25.8
	Crossbow	310	261	257	225	47	50	614	536	14.6
	Vertical Bow	231	229	188	207	29	33	448	469	-4.5
	Early Muzzleloader	0		60		12		72		
	Muzzleloader	118	107	244	290	40	45	402	442	-9.0
	Youth	76	121	54	57	10	18	140	196	-28.6
	Total		1367	1570	1664	2113	267	389	3298	4072
Wayne	Gun	241	260	382	404	101	120	724	784	-7.7
	Crossbow	224	211	270	262	55	65	549	538	2.0
	Vertical Bow	107	114	198	195	31	41	336	350	-4.0
	Early Muzzleloader	1		74		8		83		
	Muzzleloader	39	42	85	111	16	24	140	177	-20.9
	Youth	23	48	23	54	11	19	57	121	-52.9
	Total		638	709	1045	1090	225	286	1908	2085

Appendix.

County	Season	Bucks		Does		Button bucks		Total Harvest		Percent Change
		2013	2012	2013	2012	2013	2012	2013	2012	
Williams	Gun	307	366	412	415	119	125	838	906	-7.5
	Crossbow	155	147	221	225	48	60	424	432	-1.9
	Vertical Bow	132	135	223	247	46	42	401	424	-5.4
	Early Muzzleloader	1		74		18		93		
	Muzzleloader	19	28	39	62	11	20	69	110	-37.3
	Youth	29	36	26	35	11	12	66	83	-20.5
	Total	647	756	1003	1046	254	276	1904	2078	-8.4
	Wood	Gun	101	120	86	97	26	37	213	254
	Crossbow	125	123	108	112	34	28	267	263	1.5
	Vertical Bow	78	80	63	70	18	30	159	180	-11.7
	Early Muzzleloader	0		16		0		16		
	Muzzleloader	16	18	14	29	4	10	34	57	-40.4
	Youth	18	18	9	15	3	6	30	39	-23.1
	Total	344	388	300	353	87	122	731	863	-15.3
Wyandot	Gun	253	317	337	393	100	102	690	812	-15.0
	Crossbow	94	93	112	110	34	30	240	233	3.0
	Vertical Bow	87	92	152	147	33	27	272	266	2.3
	Early Muzzleloader	1		38		19		58		
	Muzzleloader	17	34	45	72	7	20	69	126	-45.2
	Youth	19	33	19	33	12	14	50	80	-37.5
	Total	481	601	720	822	209	211	1410	1634	-13.7