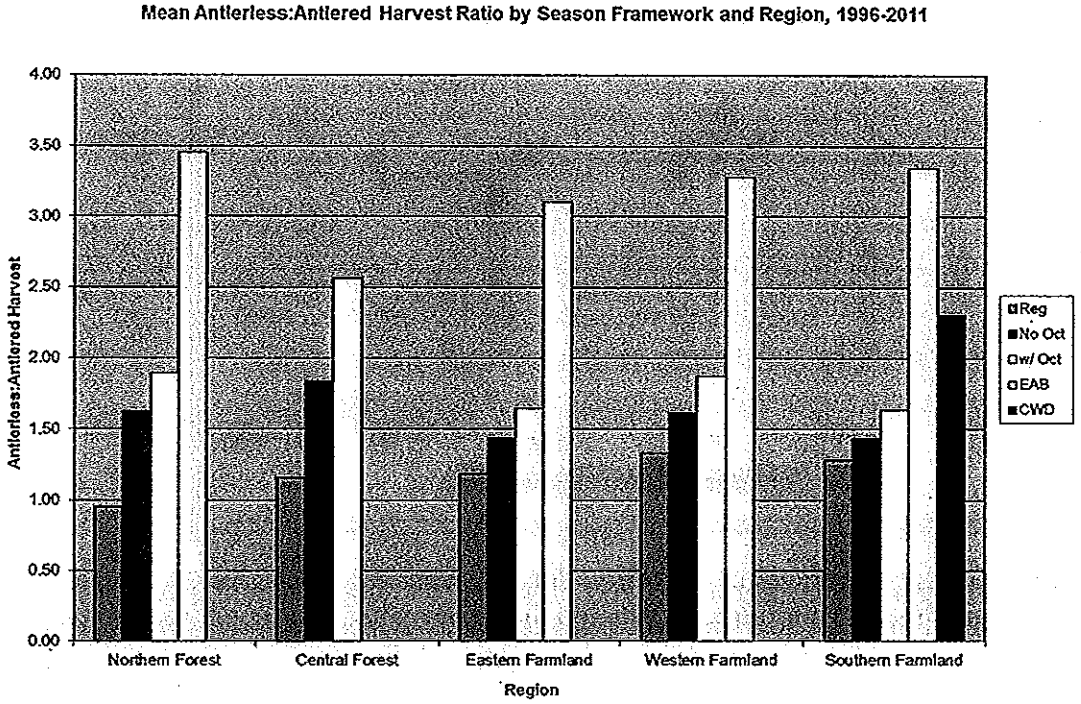
Effect of Kroll report recommendation:
"Increase the cost of all antlerless tags for Regular and Herd Control Units to $12".

This recommendation would essentially eliminate the Herd Control season framework and make all units outside of the CWD Management Zone Regular season framework units.

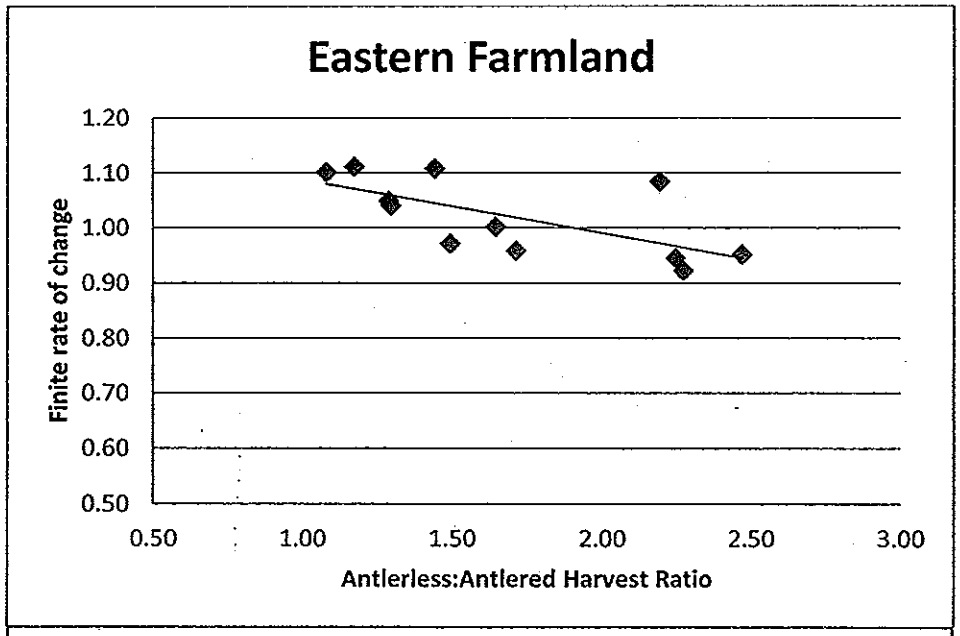
One way to assess the consequence of this recommendation is to examine the ratio of total antlerless kill to total antlered buck killed by season frameworks during the 16 years.

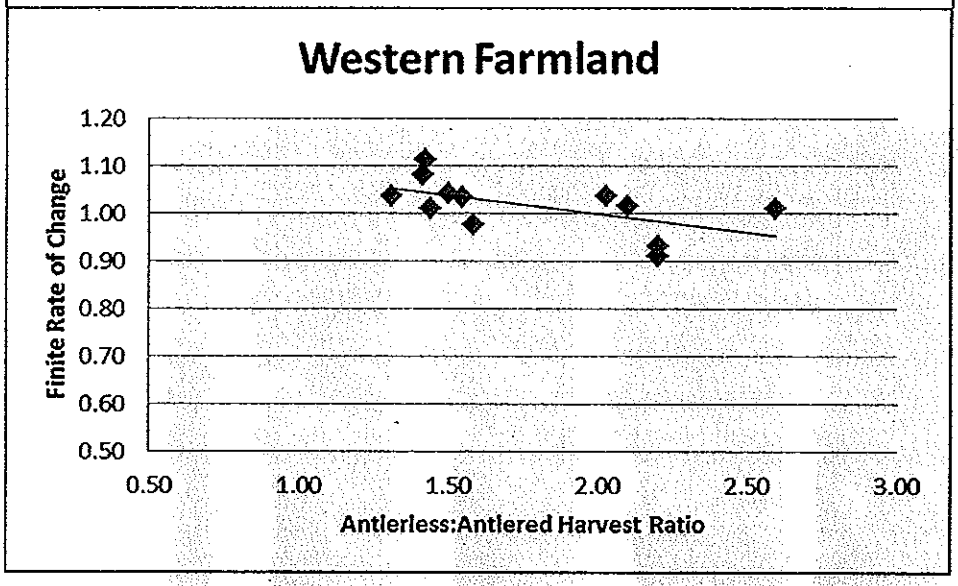
The graph below shows the average antlerless:antlered harvest ratio by season framework and region. The harvest ratio has varied by both season frameworks and region but the relative rankings of different season frameworks are consistent among regions. Averaged across regions, Regular season frameworks result have resulted in a harvest ratio of 1.2 antlerless deer/antlered buck. This compares to 1.6 for Herd Control framework units without a 4-day October gun season, 1.9 for Herd Control units with a 4-day October gun season, and 3.3 for units with Earn-a-Buck frameworks. In all regions, harvest ratios were less than 1.5 for Regular season frameworks.




The graphs below show the relationship between the finite rate of change in the population and antlerless:antlered harvest ratios for the Eastern and Western Farmland regions. These are based on regional accounting models. A finite rate of change equal to 1 reflects a stable population, greater than 1 an increasing population and less than 1 a

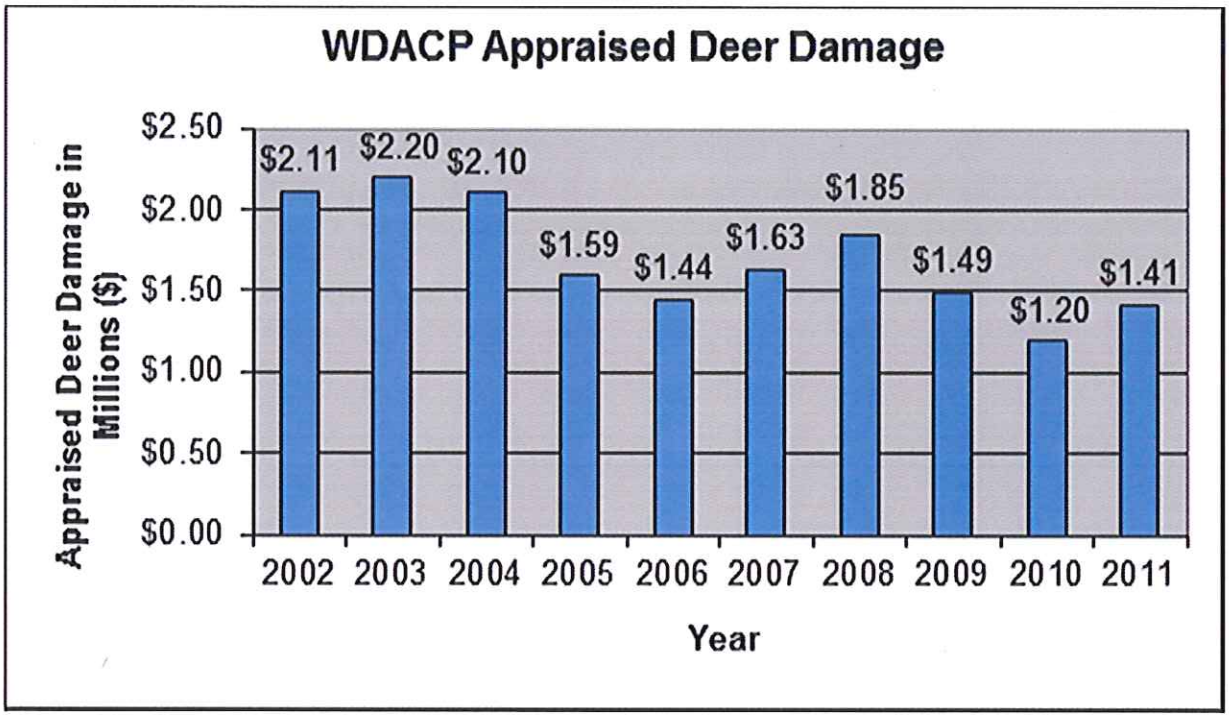
declining population. These graphs show that harvest ratios less than 1.5 are usually associated with increasing populations.




The above analysis is fairly quick and dirty. Ideally, what one would like to measure is the proportion of the fall antlerless population that is harvested (antlerless harvest rate) because this has the most direct effect on population growth. However, the harvest ratio can be used as a rough index of antlerless harvest rates so long as the buck harvest rate is fairly stable. In other words, the population effect of a given harvest ratio is dependent on the harvest rate of bucks (earn-a-buck units have high antlerless:antlered harvest ratios [~3] but because buck harvest rates are reduced the actual antlerless harvest rate is less than it would be if we were to shoot 3 antlerless deer/buck and didn't reduce buck harvest rates). Given this caveat, the above analysis is probably close enough for government work.

Bottom line, based on the available data, I would predict that $12 permits will result in fewer antlerless deer killed and population growth in areas where there are already a lot of deer.


WDACP Appraised Deer Damage
Appraised Deer Damage in Millions ($)
$2.50
$2.00
$1.50
$1.00
$0.50
$0.00
$2.11
$2.20
$2.10
$1.59
$1.44
$1.63
$1.85
$1.49
$1.20
$1.41
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
Year

2006 Bonus Antlerless Tags
(Customers can only purchase on per day)

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 15 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 3,809 | 3,135 | 500 | 120 | 25 | 21 | 6 | 1 | | 1 | | | | | |
| # Resident Customers | 59,666 | 50,055 | 7,501 | 1,457 | 422 | 132 | 42 | 19 | 18 | 6 | 8 | 2 | 2 | 1 | 1 |
| Total Customers | 63,475 | 53,190 | 8,001 | 1,577 | 447 | 153 | 48 | 20 | 18 | 7 | 8 | 2 | 2 | 1 | 1 |
| Total Tags | 77,265 | 53,190 | 16,002 | 4,731 | 1,788 | 765 | 288 | 140 | 144 | 63 | 80 | 22 | 24 | 13 | 15 |

| | # Customers |
|---|---|
| Bought Herd Control Only | 70,195 |
| Bought Antlerless Bonus Only | 59,443 |
| Bought Both | 4,032 |
| Total Unique Customers | 133,670 |

2006 Herd Control Tags

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 17 tags | # Cust Bought 18 tags | # Cust Bought 20 tags | # Cust Bought 22 tags | # Cust Bought 27 tags | # Cust Bought 29 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 7,371 | 3,922 | 2,391 | 508 | 251 | 179 | 52 | 12 | 14 | 24 | 14 | 1 | 1 | | | | | | 1 | | | | 1 |
| # Resident Customers | 66,856 | 34,986 | 22,061 | 4,458 | 2,722 | 1,467 | 516 | 173 | 154 | 135 | 105 | 23 | 16 | 9 | 5 | 11 | 4 | 1 | 4 | 3 | 2 | 1 | |
| Total Customers | 74,227 | 38,908 | 24,452 | 4,966 | 2,973 | 1,646 | 568 | 185 | 168 | 159 | 119 | 24 | 17 | 9 | 5 | 11 | 4 | 1 | 5 | 3 | 2 | 1 | 1 |
| Total Tags | 132,651 | 38,908 | 48,904 | 14,898 | 11,892 | 8,230 | 3,408 | 1,295 | 1,344 | 1,431 | 1,190 | 264 | 204 | 117 | 70 | 165 | 64 | 17 | 90 | 60 | 44 | 27 | 29 |

2006 Antlerless Bonus and Herd Control Tags Combined

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 17 tags | # Cust Bought 18 tags | # Cust Bought 20 tags | # Cust Bought 21 tags | # Cust Bought 22 tags | # Cust Bought 24 tags | # Cust Bought 27 tags | # Cust Bought 29 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 10,815 | 6,595 | 2,881 | 667 | 305 | 214 | 68 | 21 | 18 | 28 | 12 | 2 | 1 | 1 | | | | | 1 | | | | | | 1 |
| # Resident Customers | 122,855 | 80,444 | 29,201 | 6,606 | 3,394 | 1,748 | 649 | 243 | 194 | 146 | 121 | 36 | 26 | 11 | 6 | 14 | 5 | 1 | 3 | 2 | 1 | 2 | 1 | 1 | |
| Total Customers | 133,670 | 87,039 | 32,082 | 7,273 | 3,699 | 1,962 | 717 | 264 | 212 | 174 | 133 | 38 | 27 | 12 | 6 | 14 | 5 | 1 | 4 | 2 | 1 | 2 | 1 | 1 | 1 |
| Total Tags | 209,916 | 87,039 | 64,164 | 21,819 | 14,796 | 9,810 | 4,302 | 1,848 | 1,696 | 1,566 | 1,330 | 418 | 324 | 156 | 84 | 210 | 80 | 17 | 72 | 40 | 21 | 44 | 24 | 27 | 29 |

2007 Bonus Antlerless Tags
(Customers can only purchase on per day)

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags |
|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 1,185 | 1,034 | 131 | 16 | 4 | | | | | |
| # Resident Customers | 31,175 | 27,031 | 3,339 | 579 | 151 | 48 | 12 | 8 | 4 | 3 |
| Total Customers | 32,360 | 28,065 | 3,470 | 595 | 155 | 48 | 12 | 8 | 4 | 3 |
| Total Tags | 37,837 | 28,065 | 6,940 | 1,785 | 620 | 240 | 72 | 56 | 32 | 27 |

| | # Customers |
|---|---|
| Bought Herd Control Only | 74,249 |
| Bought Antlerless Bonus Only | 30,723 |
| Bought Both | 1,637 |
| Total Unique Customers | 106,609 |

2007 Herd Control Tags

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 17 tags | # Cust Bought 18 tags | # Cust Bought 19 tags | # Cust Bought 24 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 7,479 | 3,823 | 2,432 | 572 | 323 | 218 | 46 | 12 | 13 | 25 | 9 | | 1 | 1 | 1 | 1 | | | 2 | | |
| # Resident Customers | 68,408 | 36,317 | 22,773 | 4,429 | 2,592 | 1,264 | 479 | 149 | 162 | 109 | 68 | 21 | 16 | 9 | 4 | 6 | 1 | 2 | 3 | 2 | 1 |
| Total Customers | 75,887 | 40,140 | 25,205 | 5,001 | 2,915 | 1,482 | 525 | 161 | 175 | 134 | 77 | 21 | 17 | 10 | 5 | 7 | 1 | 2 | 5 | 2 | 1 |
| Total Tags | 133,218 | 40,140 | 50,410 | 15,003 | 11,660 | 7,410 | 3,150 | 1,127 | 1,400 | 1,206 | 770 | 231 | 204 | 130 | 70 | 105 | 16 | 34 | 90 | 38 | 24 |

2007 Antlerless Bonus and Herd Control Tags Combined

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 17 tags | # Cust Bought 18 tags | # Cust Bought 19 tags | # Cust Bought 24 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 8,588 | 4,735 | 2,588 | 598 | 334 | 217 | 47 | 13 | 13 | 25 | 9 | | 1 | 1 | 1 | 1 | | | 2 | | |
| # Resident Customers | 98,021 | 61,337 | 26,000 | 5,311 | 2,875 | 1,382 | 514 | 167 | 173 | 114 | 74 | 25 | 20 | 9 | 5 | 6 | 1 | 2 | 3 | 2 | 1 |
| Total Customers | 106,609 | 66,072 | 28,588 | 5,909 | 3,209 | 1,599 | 561 | 180 | 186 | 139 | 83 | 25 | 21 | 10 | 6 | 7 | 1 | 2 | 5 | 2 | 1 |
| Total Tags | 171,049 | 66,072 | 57,176 | 17,727 | 12,836 | 7,995 | 3,366 | 1,260 | 1,488 | 1,251 | 830 | 275 | 252 | 130 | 84 | 105 | 16 | 34 | 90 | 38 | 24 |

2008 Bonus Antlerless Tags
(Customers can only purchase on per day)

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 1,919 | 1,686 | 186 | 35 | 11 | 1 | | | | | | |
| # Resident Customers | 33,442 | 29,389 | 3,265 | 584 | 133 | 36 | 21 | 6 | 2 | 1 | 4 | 1 |
| Total Customers | 35,361 | 31,075 | 3,451 | 619 | 144 | 37 | 21 | 6 | 2 | 1 | 4 | 1 |
| Total Tags | 40,839 | 31,075 | 6,902 | 1,857 | 576 | 185 | 126 | 42 | 16 | 9 | 40 | 11 |

| | # Custo-mers |
|---|---|
| Bought Herd Control Only | 67,456 |
| Bought Antlerless Bonus Onl | 33,629 |
| Bought Both | 1,732 |
| Total Unique Customers | 102,817 |

2008 Herd Control Tags

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 17 tags | # Cust Bought 18 tags | # Cust Bought 19 tags | # Cust Bought 20 tags | # Cust Bought 24 tags | # Cust Bought 25 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 6,924 | 3,500 | 2,250 | 553 | 271 | 230 | 54 | 14 | 11 | 21 | 5 | 3 | 1 | 3 | | 1 | | | 2 | | | | |
| # Resident Customers | 62,290 | 32,203 | 21,164 | 4,225 | 2,470 | 1,241 | 473 | 131 | 124 | 127 | 49 | 13 | 18 | 8 | 8 | 3 | 3 | 1 | 4 | 1 | 1 | 1 | 1 |
| Total Customers | 69,214 | 35,703 | 23,414 | 4,778 | 2,741 | 1,471 | 527 | 145 | 135 | 148 | 54 | 16 | 19 | 11 | 8 | 4 | 3 | 1 | 6 | 1 | 1 | 1 | 1 |
| Total Tags | 123,293 | 35,703 | 46,828 | 14,334 | 10,964 | 7,355 | 3,162 | 1,015 | 1,080 | 1,332 | 540 | 176 | 228 | 143 | 112 | 60 | 48 | 17 | 108 | 19 | 20 | 24 | 25 |

2008 Antlerless Bonus and Herd Control Tags Combined

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 17 tags | # Cust Bought 18 tags | # Cust Bought 19 tags | # Cust Bought 20 tags | # Cust Bought 21 tags | # Cust Bought 24 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 8,681 | 4,973 | 2,440 | 616 | 296 | 234 | 58 | 16 | 12 | 21 | 5 | 3 | 1 | 3 | | | 1 | | 1 | | | 1 | |
| # Resident Customers | 94,136 | 59,492 | 24,412 | 5,136 | 2,695 | 1,345 | 506 | 161 | 135 | 125 | 54 | 17 | 24 | 9 | 8 | 4 | 3 | 2 | 4 | 1 | 1 | | 1 |
| Total Customers | 102,817 | 64,465 | 26,852 | 5,752 | 2,991 | 1,579 | 564 | 177 | 147 | 146 | 59 | 20 | 25 | 12 | 8 | 4 | 4 | 2 | 5 | 1 | 1 | 1 | 1 |
| Total Tags | 164,132 | 64,465 | 53,704 | 17,256 | 11,964 | 7,895 | 3,384 | 1,239 | 1,176 | 1,314 | 590 | 220 | 300 | 156 | 112 | 60 | 64 | 34 | 90 | 19 | 20 | 21 | 24 |

2009 Bonus Antlerless Tags
(Customers can only purchase on per day)

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 9,086 | 7,578 | 1,151 | 250 | 63 | 26 | 7 | 5 | 2 | | 2 | | 1 | 1 | | |
| # Resident Customers | 104,882 | 87,611 | 13,102 | 2,825 | 839 | 295 | 113 | 37 | 29 | 11 | 8 | 6 | 1 | 2 | 1 | 2 |
| Total Customers | 113,968 | 95,189 | 14,253 | 3,075 | 902 | 321 | 120 | 42 | 31 | 11 | 10 | 6 | 2 | 3 | 1 | 2 |
| Total Tags | 139,767 | 95,189 | 28,506 | 9,225 | 3,608 | 1,605 | 720 | 294 | 248 | 99 | 100 | 66 | 24 | 39 | 14 | 30 |

| | # Customers |
|---|---|
| Bought Herd Control Only | 26,578 |
| Bought Antlerless Bonus Only | 110,511 |
| Bought Both | 3,457 |
| Total Unique Customers | 140,546 |

2009 Herd Control Tags

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 18 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 3,000 | 1,499 | 994 | 267 | 122 | 81 | 19 | 3 | 5 | 7 | 3 | | | | | | | |
| # Resident Customers | 27,035 | 14,218 | 9,205 | 1,838 | 972 | 478 | 169 | 44 | 38 | 40 | 14 | 7 | 1 | 3 | 3 | 1 | 1 | 3 |
| Total Customers | 30,035 | 15,717 | 10,199 | 2,105 | 1,094 | 559 | 188 | 47 | 43 | 47 | 17 | 7 | 1 | 3 | 3 | 1 | 1 | 3 |
| Total Tags | 52,250 | 15,717 | 20,398 | 6,315 | 4,376 | 2,795 | 1,128 | 329 | 344 | 423 | 170 | 77 | 12 | 39 | 42 | 15 | 16 | 54 |

2009 Antlerless Bonus and Herd Control Tags Combined

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 17 tags | # Cust Bought 18 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 11,682 | 8,602 | 2,076 | 576 | 230 | 117 | 36 | 13 | 12 | 9 | 5 | 1 | 3 | | 1 | | | 1 | |
| # Resident Customers | 128,864 | 98,145 | 21,826 | 5,219 | 2,052 | 903 | 355 | 132 | 94 | 65 | 30 | 17 | 5 | 8 | 6 | 3 | 1 | | 3 |
| Total Customers | 140,546 | 106,747 | 23,902 | 5,795 | 2,282 | 1,020 | 391 | 145 | 106 | 74 | 35 | 18 | 8 | 8 | 7 | 3 | 1 | 1 | 3 |
| Total Tags | 192,017 | 106,747 | 47,804 | 17,385 | 9,128 | 5,100 | 2,346 | 1,015 | 848 | 666 | 350 | 198 | 96 | 104 | 98 | 45 | 16 | 17 | 54 |

2010 Bonus Antlerless Tags
(Customers can only purchase on per day)

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 14 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 5,871 | 5,025 | 674 | 115 | 29 | 16 | 7 | 2 | 1 | 1 | 1 | | | |
| # Resident Customers | 99,271 | 83,472 | 12,110 | 2,586 | 719 | 222 | 87 | 36 | 20 | 9 | 4 | 2 | 2 | 2 |
| Total Customers | 105,142 | 88,497 | 12,784 | 2,701 | 748 | 238 | 94 | 38 | 21 | 10 | 5 | 2 | 2 | 2 |
| Total Tags | 127,562 | 88,497 | 25,568 | 8,103 | 2,992 | 1,190 | 564 | 266 | 168 | 90 | 50 | 22 | 24 | 28 |

| | # Customers |
|---|---|
| Bought Herd Control Only | 21,984 |
| Bought Antlerless Bonus Only | 101,948 |
| Bought Both | 3,194 |
| Total Unique Customers | 127,126 |

2010 Herd Control Tags

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 18 tags | # Cust Bought 21 tags | # Cust Bought 22 tags | # Cust Bought 23 tags | # Cust Bought 24 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 3,344 | 1,752 | 1,029 | 270 | 141 | 95 | 31 | 5 | 7 | 11 | | | | 1 | 2 | | | | | |
| # Resident Customers | 21,834 | 12,001 | 6,971 | 1,393 | 753 | 391 | 159 | 50 | 39 | 38 | 16 | 4 | 5 | 3 | 4 | 3 | 1 | 1 | 1 | 1 |
| Total Customers | 25,178 | 13,753 | 8,000 | 1,663 | 894 | 486 | 190 | 55 | 46 | 49 | 16 | 4 | 5 | 4 | 6 | 3 | 1 | 1 | 1 | 1 |
| Total Tags | 43,636 | 13,753 | 16,000 | 4,989 | 3,576 | 2,430 | 1,140 | 385 | 368 | 441 | 160 | 44 | 60 | 56 | 90 | 54 | 21 | 22 | 23 | 24 |

2010 Antlerless Bonus and Herd Control Tags Combined

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 18 tags | # Cust Bought 19 tags | # Cust Bought 20 tags | # Cust Bought 21 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 8,873 | 6,370 | 1,658 | 431 | 190 | 126 | 56 | 12 | 13 | 11 | 1 | | 1 | 1 | 1 | 1 | | | | 1 | |
| # Resident Customers | 118,253 | 91,878 | 18,914 | 4,421 | 1,672 | 707 | 313 | 135 | 79 | 63 | 25 | 13 | 9 | 4 | 5 | 4 | 1 | 2 | 1 | 2 | 1 |
| Total Customers | 127,126 | 98,248 | 20,572 | 4,852 | 1,862 | 833 | 369 | 147 | 92 | 74 | 26 | 13 | 10 | 5 | 6 | 5 | 1 | 2 | 1 | 3 | 1 |
| Total Tags | 171,198 | 98,248 | 41,144 | 14,556 | 7,448 | 4,165 | 2,214 | 1,029 | 736 | 666 | 260 | 143 | 120 | 65 | 84 | 75 | 16 | 36 | 19 | 60 | 21 |

2011 Bonus Antlerless Tags
(Customers can only purchase on per day)

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 17 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 2,642 | 2,287 | 282 | 51 | 15 | 4 | 1 | 1 | 1 | | | | | | |
| # Resident Customers | 56,026 | 47,535 | 6,655 | 1,276 | 336 | 120 | 62 | 14 | 15 | 6 | 3 | 1 | 1 | 1 | 1 |
| Total Customers | 58,668 | 49,822 | 6,937 | 1,327 | 351 | 124 | 63 | 15 | 16 | 6 | 3 | 1 | 1 | 1 | 1 |
| Total Tags | 70,449 | 49,822 | 13,874 | 3,981 | 1,404 | 620 | 378 | 105 | 128 | 54 | 30 | 11 | 12 | 13 | 17 |

| | # Customers |
|---|---|
| Bought Herd Control Only | 52,985 |
| Bought Antlerless Bonus Only | 55,514 |
| Bought Both | 3,154 |
| Total Unique Customers | 111,670 |

2011 Herd Control Tags

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 17 tags | # Cust Bought 18 tags | # Cust Bought 19 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 5,252 | 2,804 | 1,632 | 398 | 205 | 155 | 30 | 7 | 7 | 7 | 3 | | | | 1 | | | 1 | |
| # Resident Customers | 50,914 | 30,012 | 15,110 | 3,033 | 1,523 | 714 | 229 | 56 | 68 | 82 | 24 | 13 | 4 | 6 | 3 | 4 | 2 | 5 | 1 |
| Total Customers | 56,166 | 32,816 | 16,742 | 3,431 | 1,728 | 869 | 259 | 63 | 75 | 89 | 27 | 13 | 4 | 6 | 4 | 4 | 2 | 6 | 1 |
| Total Tags | 92,062 | 32,816 | 33,484 | 10,293 | 6,912 | 4,345 | 1,554 | 441 | 600 | 801 | 270 | 143 | 48 | 78 | 56 | 60 | 34 | 108 | 19 |

2011 Antlerless Bonus and Herd Control Tags Combined

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 14 tags | # Cust Bought 15 tags | # Cust Bought 16 tags | # Cust Bought 17 tags | # Cust Bought 18 tags | # Cust Bought 19 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 7,726 | 4,852 | 1,934 | 481 | 230 | 163 | 33 | 9 | 9 | 8 | 2 | | | | 1 | | | 1 | 1 | |
| # Resident Customers | 103,944 | 73,555 | 21,723 | 4,929 | 2,071 | 922 | 347 | 107 | 99 | 94 | 30 | 20 | 5 | 10 | 3 | 4 | 1 | 3 | 5 | 1 |
| Total Customers | 111,670 | 78,407 | 23,657 | 5,410 | 2,301 | 1,085 | 380 | 116 | 108 | 102 | 32 | 20 | 5 | 10 | 4 | 4 | 1 | 4 | 6 | 1 |
| Total Tags | 162,511 | 78,407 | 47,314 | 16,230 | 9,204 | 5,425 | 2,280 | 812 | 864 | 918 | 320 | 220 | 60 | 130 | 56 | 60 | 16 | 68 | 108 | 19 |

## 2012 Bonus Antlerless Tags
(Customers can only purchase on per day)

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 17 tags | # Cust Bought 19 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 8,591 | 7,393 | 931 | 179 | 49 | 19 | 11 | 7 | 1 | | | | 1 | | | |
| # Resident Customers | 110,951 | 92,926 | 13,646 | 2,990 | 872 | 265 | 137 | 53 | 29 | 14 | 9 | 3 | 2 | 3 | 1 | 1 |
| Total Customers | 119,542 | 100,319 | 14,577 | 3,169 | 921 | 284 | 148 | 60 | 30 | 14 | 9 | 3 | 3 | 3 | 1 | 1 |
| Total Tags | 145,992 | 100,319 | 29,154 | 9,507 | 3,684 | 1,420 | 888 | 420 | 240 | 126 | 90 | 33 | 36 | 39 | 17 | 19 |

| | # Customers |
|---|---|
| Bought Herd Control Only | 32,023 |
| Bought Antlerless Bonus Only | 115,564 |
| Bought Both | 3,978 |
| Total Unique Customers | 151,565 |

## 2012 Herd Control Tags

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 13 tags | # Cust Bought 18 tags | # Cust Bought 19 tags | # Cust Bought 24 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 2,518 | 1,344 | 811 | 175 | 92 | 64 | 14 | 5 | 4 | 7 | 1 | | 1 | | | |
| # Resident Customers | 33,483 | 19,849 | 9,891 | 1,997 | 976 | 456 | 167 | 38 | 39 | 47 | 10 | 4 | 2 | 5 | 1 | 1 |
| Total Customers | 36,001 | 21,193 | 10,702 | 2,172 | 1,068 | 520 | 181 | 43 | 43 | 54 | 11 | 4 | 3 | 5 | 1 | 1 |
| Total Tags | 58,528 | 21,193 | 21,404 | 6,516 | 4,272 | 2,600 | 1,086 | 301 | 344 | 486 | 110 | 44 | 39 | 90 | 19 | 24 |

## 2012 Antlerless Bonus and Herd Control Tags Combined

| | Total Unique Customers | # Cust Bought 1 tag | # Cust Bought 2 tags | # Cust Bought 3 tags | # Cust Bought 4 tags | # Cust Bought 5 tags | # Cust Bought 6 tags | # Cust Bought 7 tags | # Cust Bought 8 tags | # Cust Bought 9 tags | # Cust Bought 10 tags | # Cust Bought 11 tags | # Cust Bought 12 tags | # Cust Bought 13 tags | # Cust Bought 15 tags | # Cust Bought 18 tags | # Cust Bought 19 tags | # Cust Bought 20 tags | # Cust Bought 24 tags |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| # Nonresident Customers | 10,828 | 8,360 | 1,749 | 399 | 165 | 90 | 29 | 15 | 7 | 10 | 2 | | 1 | 1 | | | | | |
| # Resident Customers | 140,737 | 107,961 | 23,438 | 5,595 | 2,120 | 871 | 389 | 141 | 89 | 69 | 28 | 12 | 6 | 8 | 1 | 5 | 2 | 1 | 1 |
| Total Customers | 151,565 | 116,321 | 25,187 | 5,994 | 2,285 | 961 | 418 | 156 | 96 | 79 | 30 | 12 | 7 | 9 | 1 | 5 | 2 | 1 | 1 |
| Total Tags | 204,521 | 116,321 | 50,374 | 17,982 | 9,140 | 4,805 | 2,508 | 1,092 | 768 | 711 | 300 | 132 | 84 | 117 | 15 | 90 | 38 | 20 | 24 |