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Important notes:

- All the Boone and Crockett (B&C) data were collected by the individual hunter, not PCMS biologists. Therefore, B&C scores are subject to variation. All B&C scores and calculations are reviewed by PCMS biologists and the calculations are corrected when necessary.

- This report was prepared solely to share the hunting data collected on PCMS and not to provide any statistical analysis. Statistical analysis was not performed because the sample sizes (n) were generally too small, and there was too great a degree of variation in the data collection method to provide accurate statistical analysis.

- All the B&C numbers used in this report are derived from the gross scores and not the final (adjusted) scores. Final scores are usually lower than gross scores because when calculating the final score, points are deducted for asymmetry. The exception to this is when scoring an atypical animal. When considering management options, the PCMS biologists focus more on overall size, than symmetry.

- The average was calculated using all the acceptable B&C scores (the highest and lowest scores were not dropped). This year 100% of hunters turned in their B&C data. Two rifle elk and one archery elk bulls were spikes.
### MULE DEER

#### Rifle Data (142 only)
- Total number of buck permits: 20
- Total number of hunters that showed: 20
- Percent of hunters that showed: 100%
- # Bucks harvested (rifle): 17
- Buck success rate (rifle): 85%
- Average B&C Size (rifle): 164.3

- Total number of doe permits: 22*  
- Total number that showed: 19
- Percent of hunters that showed: 86.3%
- # Does harvested: 17
- Doe success rate: 89.4%

*Includes 2 youth tags. There were 20 adult tags.

#### Muzzleloader (142 only)
- Total number of buck permits: 15
- Total number that showed: 15
- Percent of hunters that showed: 100%
- # ML Bucks Harvested: 11
- ML buck success rate: 73.3%
- Average size: 148.5

#### Archery (142 only)
- Total number of tags (either sex): 35  
- Total number that showed: 34
- Percent of hunters that showed: 97.1%
- # bucks harvested: 7
- # does harvested: 1
- Hunter success rate: 23.5%
- Average B&C (archery): 150.52

### ELK

#### Rifle Data (2d & 3d season OTC multi-unit)
- Total number of bull elk permits: OTC
- Total number of bull hunters: 60
- Percent of hunters that showed up: n/a
- # Bulls harvested: 10
- Bull elk success rate: 16.6
- Average rifle B & C size: 210.5

#### Rifle Data (4th season multi-unit draw)
- Total number of bull elk permits: 28
- Total number of hunters at PCMS: 17
- Percent of hunters at PCMS: 60.7%
- # Bulls harvested: 2
- Bull elk (4th season) success rate: 11.7%
- Average rifle B & C size: 170.75

#### Rifle Cow elk (142 only)
- Total number of cow permits: 28*
- Total number of cow hunters: 18
- Percent of hunters that showed: 64.3%
- # Cows harvested: 6
- Cow elk success rate: 33.3%

* Includes 3 youth tags. There were 25 adult tags.

#### Muzzleloader (multi-unit)
- Total number of permits: 20
- Total number that showed: 5
- Percent of hunters that showed: 25%
- # ML bull elk harvested: 0
- # ML cow elk harvested: 0
- ML success rate: 0%
- Average size: n/a

#### Archery (multi-unit OTC)
- Total number of permits: OTC
- Total number of hunters that showed: 16
- # Bulls harvested: 2
- # Cows harvested: 0
- Archery success rate: 12.5%
- Average B&C (archery): 226.6

### All Seasons
- Total # bucks harvested: 35
- Average size: 156.57
- % with B & C > 180: 20%
- Total # does: 22
- Total # bulls harvested: 14
- Average size: 204.75
- % with B & C > 300: 11.11%
- Total # cows: 6
### Pronghorn Antelope

#### Rifle (142 only)
- Total number of buck permits: 20
- Total number that showed: 20
- Percent of hunters that showed: 100%
- # Rifle bucks harvested: 19
- Rifle success rate: 95%
- Average B&C size: 72.34

#### Muzzleloader (multi-unit)
- Total number of buck permits: 119
- Total number at PCMS: 37
- Percent of hunters at PCMS: 31.0%
- # ML Bucks Harvested: 28
- ML buck success rate: 75.6%
- Average B&C size: 67.28

#### Archery (multi-unit OTC)
- Total number of tags (either sex): OTC
- Total number that showed: 14
- Percent of hunters that showed: n/a
- # bucks harvested: 4
- # does harvested: 2
- Hunter success rate (bucks): 42.8%
- Average B&C size: 55.81

#### All Seasons
- Total # bucks harvested: 51
- Average size: 68.25
- % with B & C > 75: 23.52%
- Total # does: 17

### Big Horn Sheep

#### Rifle (Unit S-61)
- Total number of ram permits: 3
- Total number of hunters that showed: 3
- Percent of hunters that showed: 100%
- # Rams harvested (rifle): 3
- Ram success rate (rifle): 100%
- Average B&C Size (rifle): 162.24

### Other Game
As of March 5, 2018 other species harvested on PCMS include:
- coyotes - 14
- bobcats - 0
- grey fox - 2
- rabbits - 17
- turkey - 2
- badger - 0
- scaled quail - 0
- lion - 2
- bear - 0
<table>
<thead>
<tr>
<th>Year</th>
<th>Archery Deer</th>
<th>Muzzleloader Deer</th>
<th>Rifle Deer</th>
<th>Total Deer</th>
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</thead>
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<tr>
<td></td>
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<td>Avg B&amp;C</td>
<td>n</td>
<td>Avg B&amp;C</td>
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<tr>
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<td>-</td>
</tr>
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<td>N/A</td>
<td>-</td>
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<td>-</td>
<td>N/A</td>
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<td>2011</td>
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<td>-</td>
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<tr>
<td>2017</td>
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*Some B&C scores were missing
### Archery Elk

<table>
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<tr>
<th>Year</th>
<th>n</th>
<th>Avg B&amp;C</th>
<th>Muzzleloader Elk</th>
<th>n</th>
<th>Avg B&amp;C</th>
<th>OTC &amp; Draw Rifle Elk</th>
<th>n</th>
<th>Avg B&amp;C</th>
<th>Total Elk</th>
<th>n</th>
<th>Avg B&amp;C</th>
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<tbody>
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<td>2011</td>
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<td>*</td>
<td>1</td>
<td>*</td>
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<td>2</td>
<td>*</td>
<td></td>
<td>4</td>
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<td>2016</td>
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<tr>
<td>2017</td>
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<td>226.62</td>
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<td>-</td>
<td>12*****</td>
<td>202.56</td>
<td>14</td>
<td>204.75</td>
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</table>

* No B&C scores collected  ** 8 harvested but only 7 B&C scores available  *** 12 harvested but 4 were spikes thus not included in BC average; 2015 Muzzleloader elk was a spike-no B&C **** two archery elk but one was a spike *****14 rifle elk but 2 were spikes

### Muzzleloader Elk

### OTC & Draw Rifle Elk

### Total Elk

### Archery Pronghorn

<table>
<thead>
<tr>
<th>Year</th>
<th>n</th>
<th>Avg B&amp;C</th>
<th>Muzzleloader Pronghorn</th>
<th>n</th>
<th>Avg B&amp;C</th>
<th>Rifle Pronghorn</th>
<th>Total Pronghorn</th>
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<tr>
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<td>-</td>
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<td>62.94</td>
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<td>18</td>
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<tr>
<td>2017</td>
<td>4</td>
<td>55.81</td>
<td>28</td>
<td>67.28</td>
<td>19</td>
<td>72.34</td>
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</table>
PCMS Historical B&C Data and Harvest Numbers

### Rifle Pronghorn Horn Length 1989-1997

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td># Horns measured</td>
<td>27</td>
<td>38</td>
<td>33</td>
<td>41</td>
<td>36</td>
<td>37</td>
<td>36</td>
<td>n/a</td>
<td>28</td>
</tr>
<tr>
<td>Avg horn length</td>
<td>10.52</td>
<td>12.06</td>
<td>12.13</td>
<td>12.13</td>
<td>12.56</td>
<td>12.5</td>
<td>12.2</td>
<td>n/a</td>
<td>12.21</td>
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</table>

### Rifle Pronghorn Horn Length 2012-2017

<table>
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<tr>
<th>Year</th>
<th>2012</th>
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<th>2014</th>
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<tr>
<td># Horns measured</td>
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<td>11</td>
<td>26</td>
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<tr>
<td>Avg Horn Length</td>
<td>12.86</td>
<td>No rifle hunt</td>
<td>13.4</td>
<td>13.08</td>
<td>No rifle hunt</td>
<td>13.43</td>
</tr>
</tbody>
</table>

**Note:**
From 1989 to 1997 the B&C scores were calculated by adding the rifle hunt horn lengths, basal circumferences and length of prongs. The B&C score method eventually changed to include the above, and also circumferences at four points along each horn, tip to tip spread and inside spread. In order to compare the historical data and the current data, only the rifle horn lengths are used.
In 2017 there were three spike elk harvested. They were not included in the B&C calculations since they do not have a proper B&C score.

In 2017, PCMS staff raised the B&C trophy standard of 150 for mule deer and 250 for elk to 180 for deer and 300 for elk.
Big Game Animals Harvested on PCMS 2013 to 2017
(Males & Females)

<table>
<thead>
<tr>
<th>Year</th>
<th>Mule Deer</th>
<th>Elk</th>
<th>Pronghorn</th>
</tr>
</thead>
<tbody>
<tr>
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<td>2016</td>
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<td>25</td>
<td>36</td>
</tr>
<tr>
<td>2017</td>
<td>57</td>
<td>20</td>
<td>68</td>
</tr>
</tbody>
</table>
Mule Deer Permits, Hunters Success & Harvest Data 2017

- **Rifle Buck**: 85% success
- **Rifle Doe**: 89.4% success
- **Muzzleloader Buck**: 73.3% success
- **Muzzleloader Doe**: 44.4% success
- **Archery (either sex)**: 23.5% success

<table>
<thead>
<tr>
<th>Category</th>
<th>Rifle Buck</th>
<th>Rifle Doe</th>
<th>Muzzleloader Buck</th>
<th>Muzzleloader Doe</th>
<th>Archery (either sex)</th>
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<td>20</td>
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<td>35</td>
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<tr>
<td>Rifle buck hunters</td>
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<td>19</td>
<td>17</td>
<td>15</td>
<td>34</td>
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<tr>
<td>Rifles harvested</td>
<td>17</td>
<td>15</td>
<td>15</td>
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<td>9</td>
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<td>Rifles harvested</td>
<td>17</td>
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<td>15</td>
<td>15</td>
<td>9</td>
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<td>Archery tags</td>
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<td>34</td>
<td>7</td>
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<td>1</td>
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<tr>
<td>Archery harvested</td>
<td>35</td>
<td>34</td>
<td>7</td>
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</tbody>
</table>
Elk Permit, Hunter Success and Harvest Data 2017

Rifle Bull Hunters (OTC & Draw)
15.5% success

77

Rifle Cow Hunters
33.3% success

28

Muzzleloader Hunters
0% success

20

Archery Hunters
12.5% success

6

12

18

5

16

2
The total number of daily passes for the calendar year of 2017 was 1950.

Note: This graph shows daily passes between January 1 - December 31, whereas the hunting season is April 1 to March 31.
Total passes for 2017 sorted by activity is 1865. Note: This graph represents daily passes issued between April 1 and March 31 (not the calendar year Jan-Dec).
Note: This chart does not reflect the number of individual hunters, but the number of times each hunter accessed PCMS during each deer season. In 2017, there were 567 passes issued to 124 different hunters. Also, it is possible that a hunter could carry tags for multiple seasons.
Note: This chart does not reflect the number of individual hunters, but the number of times each hunter accessed PCMS during each elk season. In 2017, there were 551 passes issued to 158 different hunters. Also, it is possible that a hunter could carry tags for multiple seasons.
Downrange Daily Passes for Pronghorn by Season 2015-2017

Note: This chart does not reflect the number of individual hunters, but the number of times each hunter accessed PCMS during each pronghorn season. In 2017, there were 250 passes issued to 93 different hunters. Also, it is possible that a hunter could carry tags for multiple seasons.
Percent of 4th Season Mult-unit Elk Hunters that Hunted on PCMS 2011-2017

- 2011: 48% (25 tags, 12 hunted on PCMS)
- 2012: 53% (17 tags, 9 hunted on PCMS)
- 2013: 78% (18 tags, 14 hunted on PCMS)
- 2014: 95% (19 tags, 18 hunted on PCMS)
- 2015: 41% (29 tags, 12 hunted on PCMS)
- 2016: 78% (23 tags, 18 hunted on PCMS)
- 2017: 60% (28 tags, 17 hunted on PCMS)