

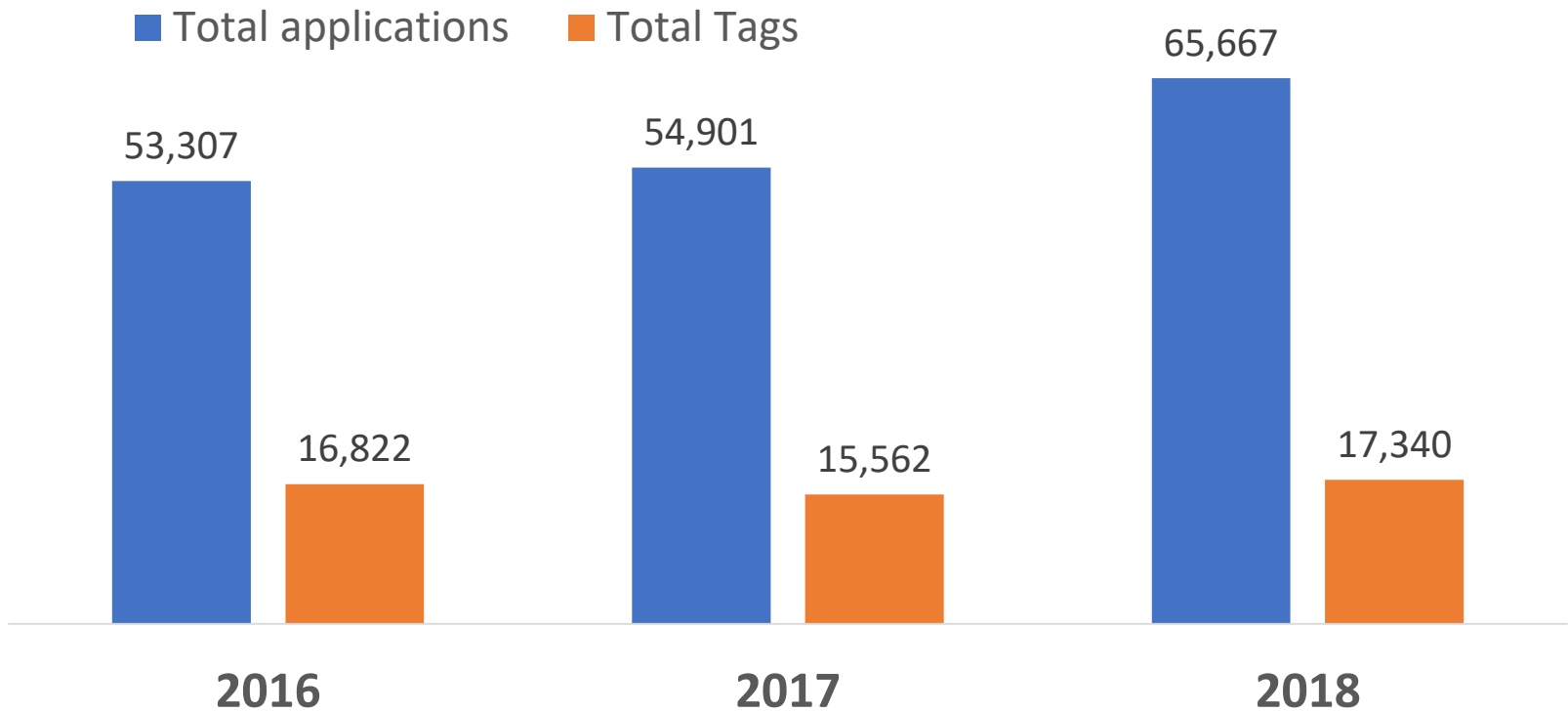
Big Game Seasons and Quotas

Applications, Tag Allocation, and Public Input
Using Mule Deer as Case Study



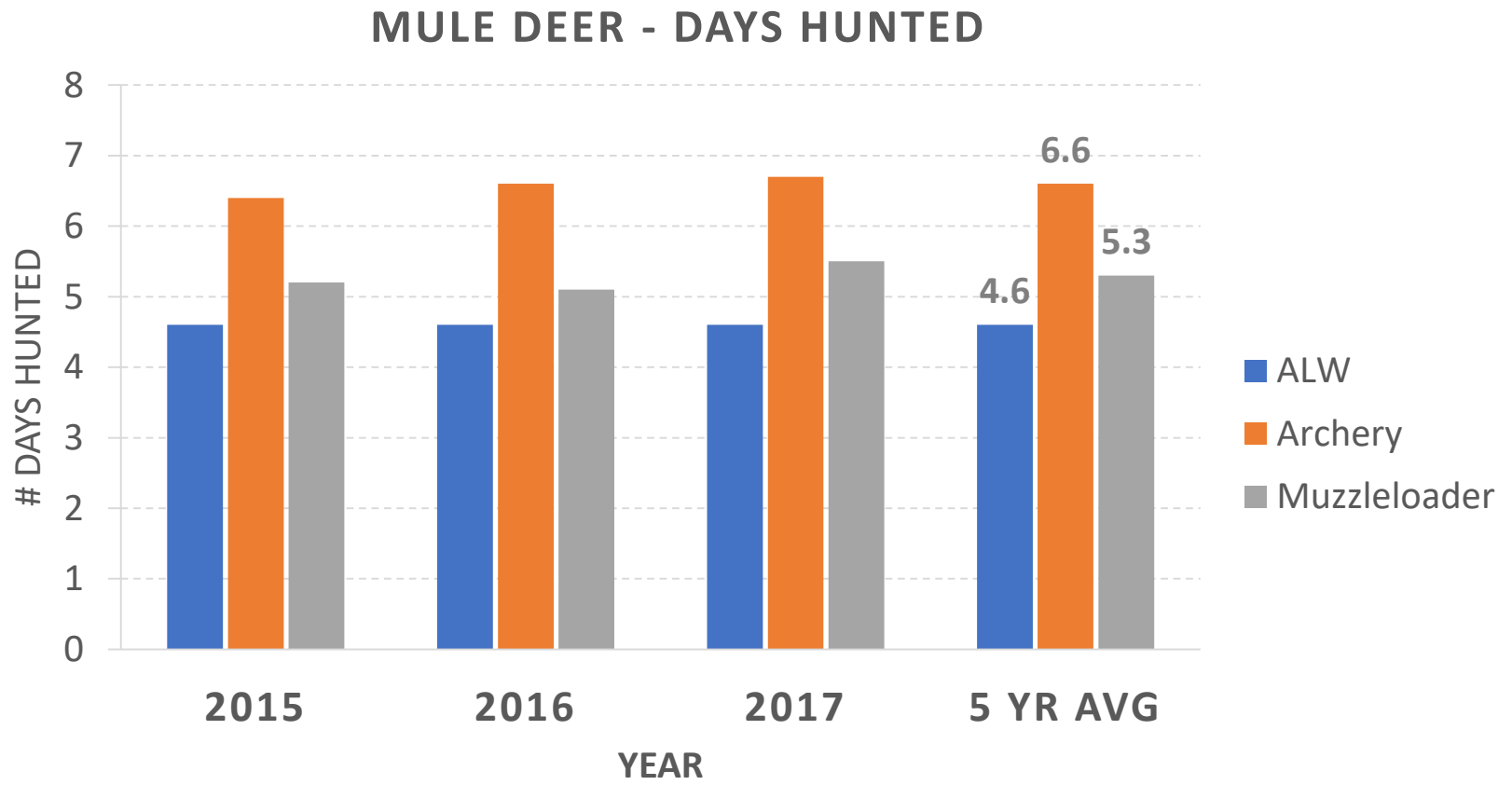
Mule Deer – Applications vs Tags Issued

Mule Deer Applications and Tags Issued*



*Does not include Emergency, Silver State, PIW, or Dream Tags

Mule Deer – Harvest Return Data



Mule Deer Management – Public Surveys

Q9: The quality of a Nevada Mule Deer hunting experience is dependent on many different attributes. What is important to you?

| Attributes of a Quality Nevada Mule Deer Hunting Experience | Not Important | Somewhat Important | Moderately Important | Quite Important | Extremely Important |
|---|---------------|--------------------|----------------------|-----------------|---------------------|
| Being able to hunt Mule Deer with family and friends | 4.2 | 6.5 | 12.2 | 31.8 | 45.3 |
| Seeing "trophy" Mule Deer | 6.9 | 13.2 | 18.1 | 30.3 | 31.5 |
| Being able to hunt Mule Deer every year | 14.7 | 13.3 | 22.1 | 23.9 | 26 |
| Low hunter densities | 4.5 | 10.5 | 25.5 | 36.5 | 23 |
| Harvesting large antlered Mule Deer | 7.8 | 16 | 26.9 | 29.6 | 19.7 |
| Harvesting a doe | 28.5 | 19 | 20.8 | 15.7 | 15.7 |
| Being able to hunt in the #1 unit of my choosing | 10.8 | 16.4 | 33.2 | 27.5 | 12.1 |
| Harvesting any antlered Mule Deer | 31.7 | 17.2 | 23 | 16.9 | 11.2 |

Mule Deer Hunting and Management: Experiences, Attitudes, and Preferences of Nevada's Mule Deer Tag Applicants. 2014. Final Report. Sanyal, N., E. Krumpke, and A. Middleton. University of Idaho.

Mule Deer Management – Washoe County Examples

| | | |
|--|----------------------|----------|
| 011-013 Mule Deer Example | | |
| 2018 Approved Resident Quota - 60 Early 10 Late tags | | |
| Split Seasons | Single Season | |
| Original Tags | Reduced Tags | % Change |
| 70 | 50 | -29% |
| # Bucks Harvested | # Bucks Harvested | % Change |
| 28 | 28 | 0% |

- Projected post season buck:doe ratio of 40:100
- Early season success rate 35% and late season success 65%
- Assumes single season success rate of 55%

Mule Deer Management – Washoe County Examples

| | | |
|--|----------------------|----------|
| 014 Hunt Unit Mule Deer Example | | |
| 2018 Approved Resident Quota - 35 Early 10 Late tags | | |
| Split Seasons | Single Season | |
| Original Tags | Reduced Tags | % Change |
| 45 | 33 | -34% |
| # Bucks Harvested | # Bucks Harvested | % Change |
| 18 | 18 | 0% |

- Projected post season buck:doe ratio of 40:100
- Early season success rate 35% and late season success 65%
- Assumes single season success rate of 55%

Mule Deer Management – Hunting Opportunity Example

| Hypothetical Example with Single Season vs Split Seasons | | |
|--|--------------------------|----------|
| Population Estimate of 1000: Post season buck ratio obj. of 30:100 | | |
| Single Season | Two Seasons | |
| Tags | Tags | % Change |
| 136 | 177 (133 E, 44 L) | 30% |
| # Bucks Harvested | # Bucks Harvested | % Change |
| 75 | 75 | 0% |

- Projected post season buck:doe ratio of **30:100**
- Early season success rate 35% and late season success 65%
- Assumes single season success rate of 55%
- Standard hunt objective