

**STATE OF NEVADA
BOARD OF WILDLIFE COMMISSIONERS**

Commission Policy Number 24

Title : Hunting Opportunities Among
Weapons and Hunter Groups

Reference: NRS 501.105, 501.181

Effective Date: May 13, 2006

Amended Date:

PURPOSE

To establish hunting opportunities for the various weapons and hunter groups.

POLICY

It is the policy of the Board of Wildlife Commissioners to approve the harvest levels for big game species based on the weapons and hunter groups' relative demand for hunting opportunity and their hunter success rates.

FINDINGS

After due deliberation and consideration of the relevant information presented to it, the Commission makes the following findings:

1. The Commission has a duty to provide hunting opportunity in Nevada.
2. Hunting in Nevada is an important activity for its citizens for many reasons, including but not limited to the following values that hunting provides:
 - A lean, healthy source of protein.
 - Family and other social interaction.
 - A link to Nevada's outdoor history, culture and traditions.
 - A source of physical exercise important for maintaining health and fitness.
 - Appreciation for the natural habitat and scenic landscape, which is a major component of Nevada's quality of life.
 - Public support for Nevada's wildlife management programs.
 - One of the principal sources of wildlife management funding in Nevada.
3. The Commission takes administrative notice of Nevada's wildlife-limiting climatic and habitat conditions. These include precipitation averages that make Nevada the driest state in the nation, and Great Basin and Mojave Desert vegetation and geography types that provide limited forage and cover. These limiting conditions prevent Nevada's wildlife populations from reaching numbers comparable to those of other states, including other western states.
4. Due to Nevada's relatively low wildlife numbers and its increasing human population, it is necessary to ration big game hunting opportunities in the State.
5. Nevada's already-limited resident hunting opportunities would be significantly lowered if

nonresidents competed equally with residents for big game tags or were given a greater advantage. Such a change would be against the public interest.

6. Given the geographic and climatic constraints of Nevada's natural environment, the Commission—with the support of both resident and nonresident hunters—has elected to emphasize a sustained quality hunting experience rather than attempt to match the quantity of hunting opportunities available in other states. To do so, the Commission has consistently applied a conservative strategy that, compared to other states, maintains a high male to female ratio among big game populations.

TERMS OR DEFINITIONS

Antelope With Horns Shorter Than Ears: In accordance with NAC 502.003, any pronghorn antelope without horns or with both horns that are shorter than its ears. Generally considered to be a doe (female), fawn, or young male antelope.

Antelope With Horns Longer Than Ears: In accordance with NAC 502.002, "antelope with horns longer than its ears," any pronghorn antelope having at least one horn that is longer than either ear of the antelope. Generally considered to be a mature male antelope.

Antlered Deer: In accordance with NAC 502.007, "antlered deer," any deer having at least one antler that is visible above the hairline of the deer. Generally considered to be a buck (male) deer.

Antlered Elk: In accordance with NAC 502.0074, "antlered elk" means any elk having at least one antler that is visible above the hairline of the elk.

Antlered Moose: Any moose having at least one antler that is visible above the hairline of the moose.

Antlerless Deer: In accordance with NAC 502.008, "antlerless deer," any deer without antlers. Generally considered to be a doe (female) or fawn deer.

Antlerless Elk: In accordance with NAC 502.009, any elk without antlers including cow (female) and calf.

Antlerless Moose: Any moose without antlers. Generally considered to be a cow (female) or calf.

Big Game: For the purpose of this policy, big game means all big game mammals except mountain lion.

Billy: Any male mountain goat.

Boar: Any male black bear.

Demand: Measure of interest that a particular hunter group has in attaining a big game tag

based on previous years' applications for a given hunter group and unit group.

Ewe: Any female bighorn sheep.

Expand: Taking a projected number of harvested animals and dividing by the expected hunter success rate to generate a tag allocation.

Hunter Groups: Residents of Nevada, resident juniors, and nonresidents of Nevada.

Harvest Objectives: The numbers of male and female big game animals that the Department has determined can be safely removed from a population through harvest without causing detrimental impacts to that population.

Hunter Success: Percentage of hunters harvesting a big game animal. Hunter success will be primarily based on previous years hunter success rate for a given hunter group and unit group. A long-term or statewide average may be used to moderate erratic variations in hunter success rates.

Junior Hunter: In accordance with NAC 502.063, generally a person between 12 years and 18 years.

Nanny: Any female mountain goat.

Projected Male Harvest: A projected number of males reported to be harvested that will result in a desired post-hunt male to female ratio objective.

Projected Female (*antlerless deer, antlerless elk, antelope with horns shorter than ears, or ewe*) Harvest: A projected number of females reported to be harvested to achieve various management objectives; maintaining population numbers in balance with habitat conditions, optimal levels for a given species, or below a level set in local management plans; optimum sustained yield during periods of average to exceptional environmental conditions; and/or providing for recreational opportunity.

Ram: Any male bighorn sheep.

Sow: Any female black bear.

Spike Elk: In accordance with NAC 502.104, any antlered elk having not more than two points above the top of the ear on either antler. Spike-only elk hunts are intended to target yearling bulls (males).

Unit Groups: A defined geographic area within Nevada within which separate or conjoined population assessments, harvest objectives, and other management actions are applied.

Weapons Groups: Any legal weapon, muzzleloader, and archery.

GENERAL RULES—ALL SPECIES

Population estimates of males and females (one year-old or older) for each unit group at the pre-hunt period (late summer) will be the basis for determining projected harvest levels for each species class.

The Commission approves the projected male and female harvest levels among those weapons and hunter groups that are identified for each unit group through the public scoping process involving the County Advisory Boards to Manage Wildlife and approved by the Board of Wildlife Commissioners.

FIRST COME FIRST SERVED

Any tag remaining after the big game draws, returned to the Department with no eligible alternate, or returned to the Department with less than 14-days before the season opener will be offered for purchase to both residents and nonresidents in the First Come, First Served program.

DEMAND-SUCCESS FORMULA

The Demand-Success formula will be used to allocate tags to various weapon classes for each species.

Demand is defined as the long-term average of successful applications for all weapons class choices. Demand is based on long-term average applications for each weapon group.

Success is defined as the percentage of hunters harvesting a big game animal. Success is based on the hunter success rates from previous years. A long-term or statewide average may be used to moderate erratic variations in hunter success rates.

RESIDENT AND NONRESIDENT TAG ALLOCATION

The Commission strives to allocate approximately 90 percent of available quota to resident hunters and 10 percent of available quota to nonresident hunters for males of each big game species.

SPECIFIC RULES—BY SPECIES

MULE DEER

Allocation of Projected Harvest by Weapon Group

The demand-success process for determining antlered mule deer hunting quotas will be as follows:

For Standard and Alternative Hunt Units (see Game Division Big Game Management Objectives)

- 1) Determine the desired animal harvest for each unit group based on the pre-hunt population estimate and desired male to female ratio (typically 30 bucks per 100 does).
- 2) Apportion the desired harvest into the various weapon classes based on a fixed demand rate of 55% Any-Legal-Weapon, 7.5% Muzzleloader, and 12.5% Archery for standard hunt units.
- 3) For alternative and non-standard hunt units, the demand will be based on the number of first choice applicants for each weapon type from the previous year.
- 4) Determine final quota for each unit group and weapon type by dividing the desired harvest by the previous 3-year average hunt success rate.

A long-term or statewide average may be used to moderate erratic variations in hunter success rates in some instances.

ELK

Allocation of Projected Harvest by Weapon Group

Modeled changes in population size, bull-cow ratios, and percent of main beams \geq 50-in reported by previous year's hunters will be assessed to determine desired elk harvest. Using calculated demand, the projected antlered, antlerless, and spike harvest will then be distributed among the various weapon groups identified for a given elk class and unit group. The projected harvest, once allocated among the weapon groups, will be divided by hunter success for the appropriate weapon group to determine the recommended tag quota.

ANTELOPE

Allocation of Projected Harvest by Weapon Group

The projected buck harvest will be divided among the various weapon groups identified for a given antelope class and unit group. The projected harvest, once divided among the weapon groups, will be expanded to hunting opportunities.

Horns shorter than ears harvest will be based on the hunter success of previous years for a given hunter group and unit group hunter success. A long-term or statewide average may be used to moderate erratic variations in hunter success rates.

BIGHORN SHEEP

Weapon, Hunter Groups, and Animal Classes

Bighorn ram and ewe hunting opportunities will involve any legal weapon and archery weapon groups. Management ram hunts may be implemented in unit groups where broken-horned rams are common, where reduced ram densities are desired, and where providing opportunities for

hunting will having negligible effects on herd dynamics.

Allocation of Projected Harvest by Hunter Group

Hunter success rates will not be used to expand either the projected ram or ewe harvest.

MOUNTAIN GOAT

Weapon, Hunter Groups, and Animal Classes

Mountain goat hunting opportunities may consist of any mountain goat (male or female), or Billy only. Hunts are any legal weapon only.

Allocation of Projected Harvest by Hunter Group

Hunter success rates will not be used to expand the projected mountain goat harvest.

This policy shall remain in effect until amended, repealed, or superseded by the Board of Wildlife Commissioners.

*BY ORDER OF THE BOARD OF WILDLIFE COMMISSIONERS IN REGULAR SESSION,
Date.*

**Chairwoman Tiffany East
Board of Wildlife Commissioners**