Weighted Preference

MOUNTAIN GOAT, ROCKY MOUNTAIN BIGHORN SHEEP, MOOSE

Weighted preference applies to the draws for Mountain Goat, Rocky Mountain Bighorn Sheep and Moose.

Weighted preference increases your probability of drawing and applies to male, female, and either-sex licenses. The majority of these licenses take three regular preference points to draw.

How weighted preference works:

- Applicants who are unsuccessful in drawing their first choice can only accumulate up to three regular preference points. If you have three regular preference points and you fail to draw a first-choice license, you will receive weighted preference. If you draw your first choice license, you will forfeit all of your preference points (regular and weighted).

- Weighted preference is a calculation that takes your initial application number and turns it in to a final draw number.

  - Every application received in the system is assigned a six-digit application number.
  - The original application number is inverted (flipped around) so that the order in which the application was received does not affect the draw.
  - After the number is inverted, it is converted using a random number replacement sequence.
    - The random number replacement sequence is the numbers 0-9 pulled from a pot by three individuals who are not involved in the draw. Those numbers will be used to replace the inverted application numbers for each application. A different random number replacement sequence is pulled for each draw. The random number sequence applies to the entire draw for that species, not just a single hunt code or application.
    - The random number replacement sequence ensures that no one can manipulate the draw using application numbers.
  - Once the number is inverted and converted, it is divided by the number of weighted preference points plus one. The plus one is so that someone with three regular preference points and zero weighted preference points will have their inverted and converted application number divided by one, making their final draw number the same as their inverted and converted application number.

- During the draw, all applications with three regular preference points are grouped together with the smallest final draw number at the top and largest at the bottom. The smallest final draw number draws first, with applications drawing in ascending order.

Example: Moose Draw

The random number replacement sequence for this moose draw is

Original Application Number	0	1	2	3	4	5	6	7	8	9
Random Number Replacements	9	8	4	1	0	7	6	2	5	3

Hunt Code group MM017O1A | MM017O1M | MM017O1R

Josh

- 3 regular preference points and 10 weighted preference points
- Original application number: 443571
- Inverted application number: 175344
- Converted application number: 827100
    - Based on the above chart: 1=8, 7=2, 5=7, 3=1, 4=0, 4=0
- Final draw number: **075190**
    - 827100 / 11 = 075190
    - 11 is Josh's 10 weighted preference points plus 1.

Kate

- 3 regular preference points and 2 weighted preference points
- Original application number: 934744
- Inverted application number: 447439
- Converted application number: 002013
    - Based on the above chart: 4=0, 4=0, 7=2, 4=0, 3=1, 9=3
- Final draw number: **000671**
    - 002013 / 3 = 000671
    - 3 is Kate's 2 weighted points plus 1.

Scott

- 3 regular preference points and 0 weighted preference points
- Original application number: 443587
- Inverted application number: 785344
- Converted application number: 257100
    - Based on the above chart: 7=2, 8=5, 5=7, 3=1, 4=0, 4=0
- Final draw number: **257100**
    - 257100 / 1 = 257100
    - 1 is for Scott's regular preference points. He does not have any weighted preference points.

If there is only one license available, Kate will draw as she has the lowest final draw number (000671). If there are two licenses available, Kate and Josh will draw as they have the two lowest final draw numbers (000671 and 075190). While Josh's 10 weighted preference points did help in that it lowered his final draw number, because Kate had a better application number after the inversion and conversion, she drew before him. Scott will draw only if there are three or more licenses available for this hunt code group.