

**PROPOSAL 79**

**5 AAC 85.045(a)(12). Hunting seasons and bag limits for moose.**

Reauthorize the antlerless moose draw permits in Units 14A and 14B as follows:

<b>Units and Bag Limits</b>	<b>Resident Open Season (Subsistence and General Hunts)</b>	<b>Nonresident Open Season</b>
(12)		
Unit 14(A)		
1 moose per regulatory year, only as follows:		
...		
1 antlerless moose by drawing permit only; up to 2,000 antlerless moose permits may be issued; or	Aug. 20—Sept. 25 (General hunt only) Nov. 1—Dec. 15 (General hunt only)	No open season
...		
1 moose by targeted permit only; by crossbow, shotgun or bow and arrow only; up to 200 permits may be issued	Winter season to be announced by emergency order (General hunt only)	No open season
Unit 14(B)		
1 moose per regulatory year, only as follows:		
...		
1 moose by targeted permit only; by crossbow, shotgun or bow and arrow only; up to 100 permits may be issued.	Winter season to be announced by emergency order (General hunt only)	No open season

**What is the issue you would like the board to address and why?** Antlerless moose hunts must be reauthorized annually by the Board of Game. There are two types of antlerless moose hunts in the Matanuska-Susitna Valley – a drawing permit hunt used to regulate growth of the moose population in Unit 14A and targeted hunts used to mitigate public safety concerns in Units 14A and 14B.

Moose surveys conducted in February 2019 yielded an estimate of 7,900 moose in Unit 14A. This estimate was greater than the post-hunt objective of 6,000–6,500 moose and less than the 2017 survey estimate of 8,756 moose indicating that the increased antlerless harvests are having the desired effect of reducing the population. A sex and age composition survey completed in 2019 demonstrated a bull ratio of 34 bulls:100 cows and a calf ratio of 29 calves:100 cows.

Antlerless moose hunts have been authorized in Unit 14A since 2001 in order to regulate the growth of the population. The permit level was increased from 450 to 1,000 in 2013 to account for the continued increase in the population and again in spring 2018 from 1,000 to 2,000. Harvest from the increased permit levels is expected to bring the population back to within the objective for the unit of 6,000–6,500. Without this harvest the density of moose will increase and we anticipate an increase the number of moose-human conflicts, and moose may experience nutritional stress as the population nears carrying capacity.

The targeted moose hunts in Units 14A and 14B are an effective tool to address public safety concerns related to moose-vehicle collision and nuisance management issues. Moose-vehicle collisions result in property damage and may result in human injury or death. An average of 267 moose per year were killed in the Matanuska-Susitna Valley area during the last few years of average snowfall and substantially more were killed during higher snowfall years. The Department of Fish and Game also receives periodic complaints from the public about crop depredation and aggressive behavior that can be mitigated by this hunt structure.

**PROPOSED BY:** Alaska Department of Fish and Game (HQ-F20-068)  
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