

Calculation of fall population estimates of caribou on the Mentasta range, fall 1992-1995.

Population Parameter	Estimate
-1993-	
Post-calving population size (24 June)	880
Percentage cows in post-calving population (22 June)	78%
No. cows in post calving population (880×0.78)	686
Fall bull:cow ratio (24 September)	38.0:100
Fall calf:cow ratio	3.6:100
No. bulls in fall population (686×0.380)	261
No. calves in fall population (686×0.036)	25
Fall population size ($686 + 261 + 25$)	972
-1994-	
Post-calving population size (23 June)	753
Percentage cows in post-calving population (26 June)	78%
No. cows in post calving population (753×0.78)	587
Fall bull:cow ratio (27 September)	38.3:100
Fall calf:cow ratio	11.0:100
No. bulls in fall population (587×0.38)	225
No. calves in fall population (587×0.11)	65
Fall population size ($587 + 225 + 65$)	877
-1995-	
Post-calving population size (20 June)	739
Percentage cows in post-calving population (26 June)	73%
No. cows in post calving population (739×0.73)	539
Fall bull:cow ratio (22 September)	35.0:100
Fall calf:cow ratio	22.0:100
No. bulls in fall population (539×0.35)	189
No. calves in fall population (539×0.22)	119
Fall population size ($539 + 189 + 119$)	847
-1996-	
Post-calving population size (21 June)	638
Percentage cows in post-calving population (22 June)	84%
No. cows in post calving population (638×0.84)	536
Fall bull:cow ratio	----
Fall calf:cow ratio	----
No. bulls in fall population	----
No. calves in fall population	----
Fall population size	----
