



Gwich'in Harvest Data Collection Project: Update 2017-2018

PCMB, Annual Harvest Meeting
Feb 12, 2019

Presented by
Amy Amos, Executive Director, GRRB

Presentation Outline

- ▶ Gwich'in Harvest Data Collection Project
 - Methods
 - 2017-2018 Results
 - Harvester comments
 - Interim results

- ▶ 2019-2020 plans

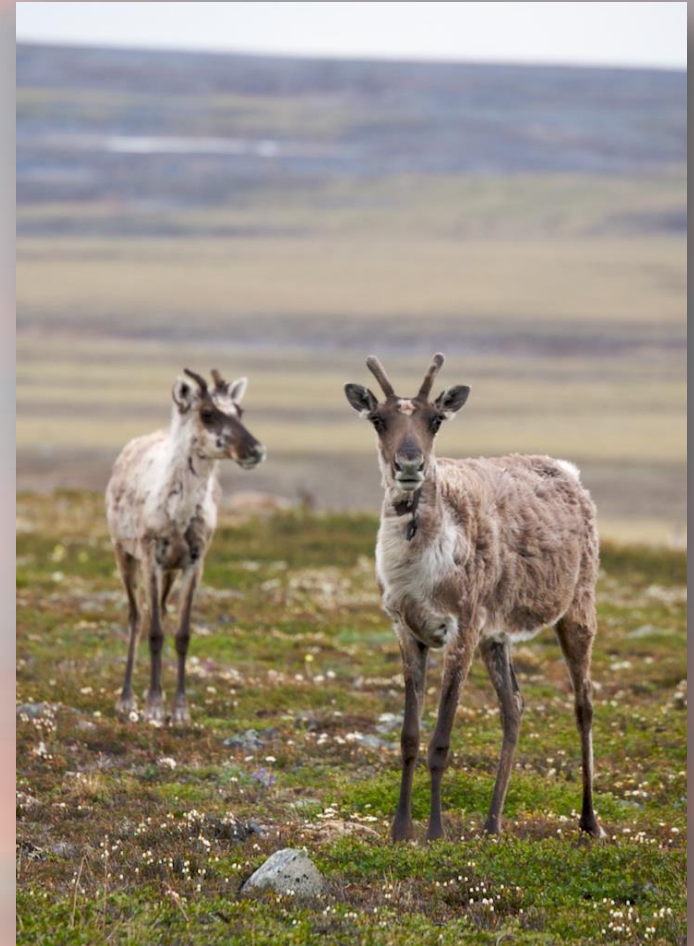
Methods (Survey)

- ▶ RRCs - update harvester list
 - ▶ Door to door – paper survey, 2 x yr
 - ▶ Participation is voluntary
-
- Names are confidential
 - Locations are recorded
 - Multiple checks done
 - Group hunt info is asked
 - Beneficiary group asked



Methods (Statistical Analysis)

- ▶ Follows established protocol
 - Reviewed by statistician
- ▶ Harvest estimates require:
 1. No. of active/key harvesters
 2. No. who participated in survey
 3. No. of animals reported harvested
- ▶ Methods apply to any species of interest



Reported and Estimated Porcupine caribou harvest 2017-2018

	Males	Females
Reported	50	06
Estimated	284	18
TOTAL ESTIMATED HARVEST		**302

Total active harvesters 246

Total harvesters interviewed 104

** total estimated harvest may be lower

Gwich'in harvester participation



Overall participation: 39%

Survey period 1

Jun-Oct 2017

35% participation

- Range: 7% -56%

Survey period 2

Nov 2017- May 2018

42% participation

- Range: 9% -62%

Harvester Comments

- ▶ Few caribou harvested or seen
- ▶ Most 'did not meet needs' - except some harvesters from Aklavik
- ▶ Body condition- 'good', brucellosis noted once
- ▶ Concern that people are 'chasing them back to Alaska' due to poor hunting practices and inexperience
- ▶ Warmer winters
- ▶ More rain in fall
- ▶ More erosion, slumping

Interim results: Jun 01-Oct 31, 2018

- ▶ Harvester participation: ex. Fort McPherson
 - 2017-2018 Survey 1-56%; Survey 2 - 62%
- ▶ Refined the harvesters list
 - Jun-Oct 2018 - participation = 84%!

But . . .

- ▶ Are we talking to the right people?
- ▶ Are we getting the right information?
 - No moose reported fall 2018!

2019-2020 plans

- ▶ Harvest Survey Coordinator p/t contract
- ▶ Community meetings
- ▶ Harvester education workshop
- ▶ Program evaluation

GRRB Recommendations to PCMB and Parties 2019

- ▶ Maintain Green Zone designation
- ▶ Promote Traditional Management practices
- ▶ Continue to promote harvester and community conservation and education initiatives



Hai Cho, Mahsi Cho, Thank You!

**Gwich'in Renewable
Resources Board**

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