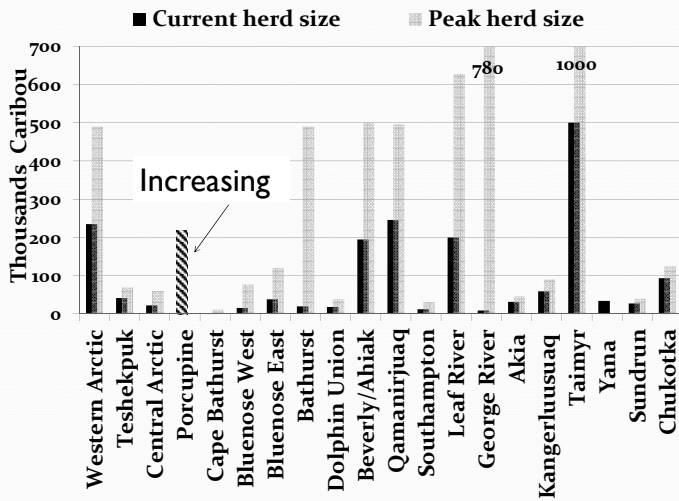


# Keeping track of caribou information

Anne Gunn and Don Russell, CARMA

## Trends in herd size



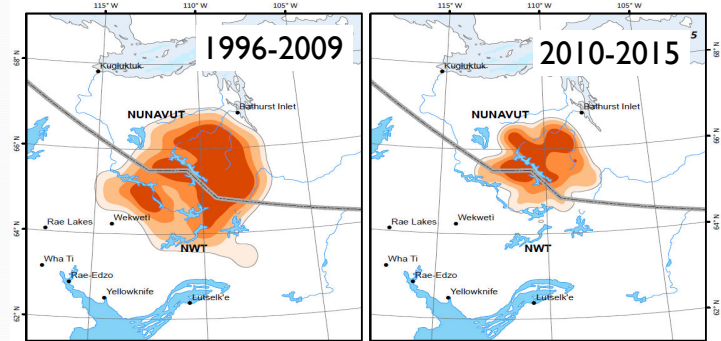
## Summary

- CARMA monitors and assesses impacts of global change on humans & *Rangifer* which requires collecting and sharing information.
- The availability of most monitoring results is limited and publically available regular reports are few.
- Documenting how community-based monitoring is being integrated into herd management is difficult to track.

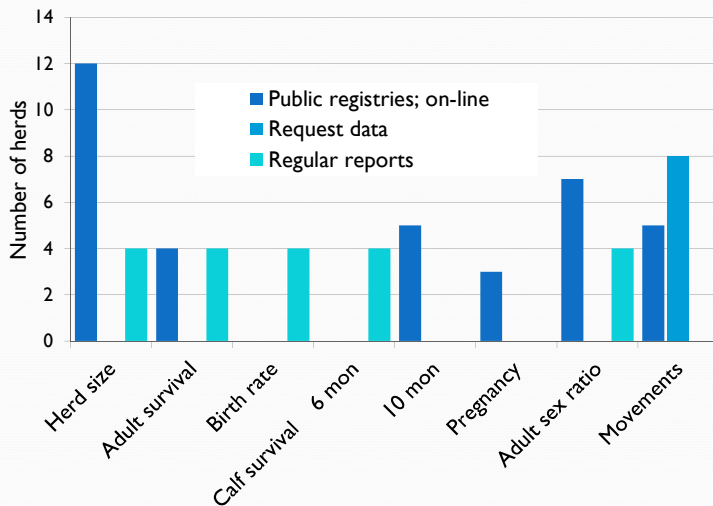
## Trends in distribution

- Seasonal distribution shifts and shrinks as herd size declines.
- Implications for managing landscapes during recovery as areas not occupied currently will be used in the future.
- Few analyses available – Bathurst herd an example -

## Bathurst herd summer range contraction



## Information availability



Susan Morse

## Community-based monitoring for Canadian herds (we welcome input for elsewhere)

Arctic Borderlands Ecological Knowledge Society for the Porcupine Caribou	<a href="https://www.arcticborderlands.org">https://www.arcticborderlands.org</a>
Tlicho – Bathurst herd monitoring –Boots on the Ground	<a href="http://www.research.tlicho.ca">http://www.research.tlicho.ca</a>
Inuvialuit Settlement Region – Community-Based Monitoring Program (harvesting)	<a href="https://jointsecretariat.ca/isr-cbmn">https://jointsecretariat.ca/isr-cbmn</a>
Indigenous Leadership Initiative Indigenous-led Guardians	<a href="https://www.ilinationhood.ca/our-work/guardians">https://www.ilinationhood.ca/our-work/guardians</a>
BQCMB annual reports	<a href="https://www.nwmb.com/en/cbmn">https://www.nwmb.com/en/cbmn</a>
Lutsel K'e, NWT: Ni Hat'ni Dene (Watching the Land) program in 2008	<a href="http://landoftheancestors.ca">http://landoftheancestors.ca</a>
Sahtu Renewable Resource Board's Open Standards for the Practice of Conservation	<a href="http://www.ccnetglobal.com/protecting-mountain-caribou-in-sub-arctic-canada">http://www.ccnetglobal.com/protecting-mountain-caribou-in-sub-arctic-canada</a>
NWMB's Community-Based Wildlife Monitoring Network	<a href="https://www.nwmb.com/en/cbmn">https://www.nwmb.com/en/cbmn</a>