

Moose and sheep update

Eagle AC

Jan. 11, 2022

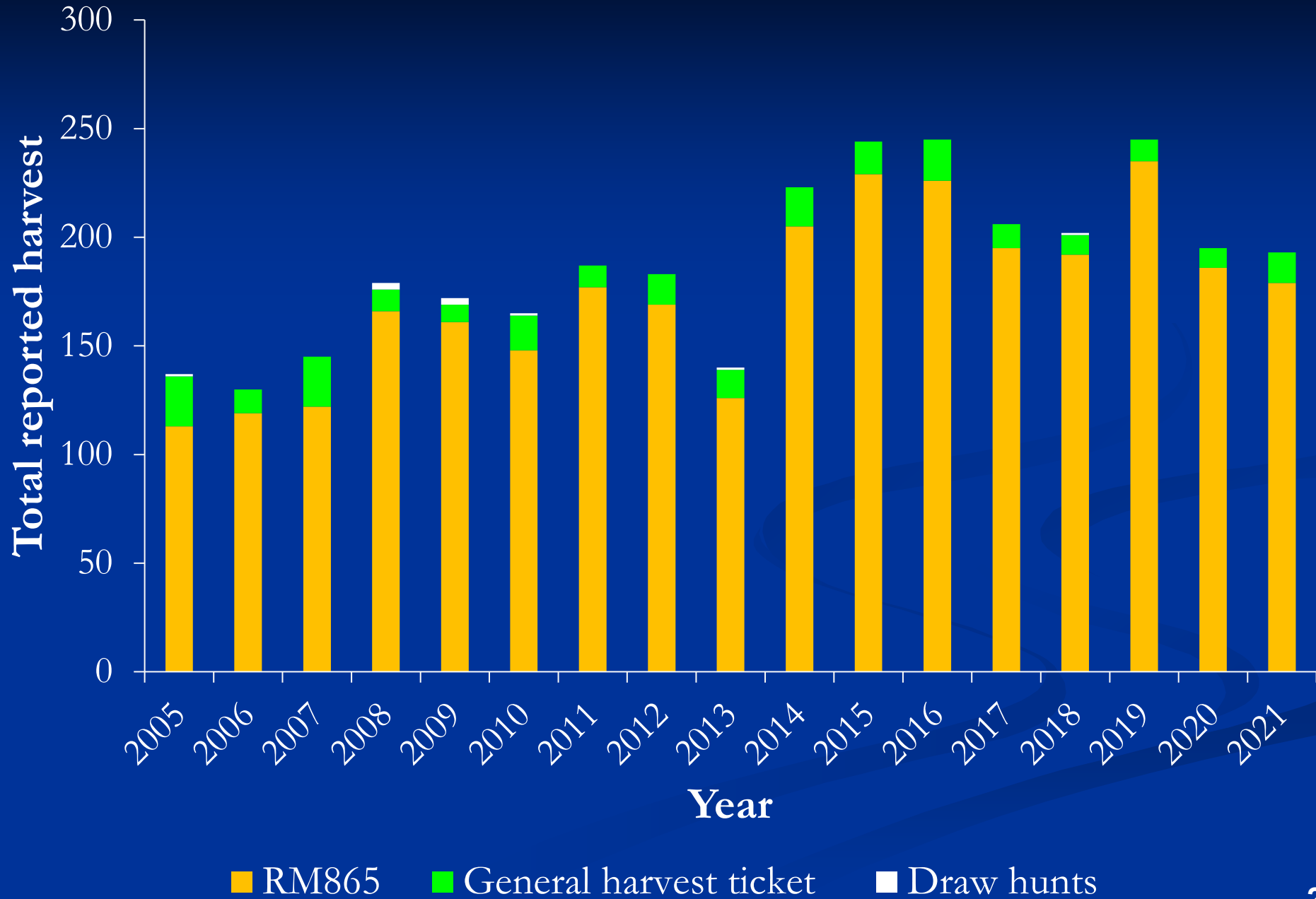
Outline:

Unit 20E moose

Antlerless moose proposal

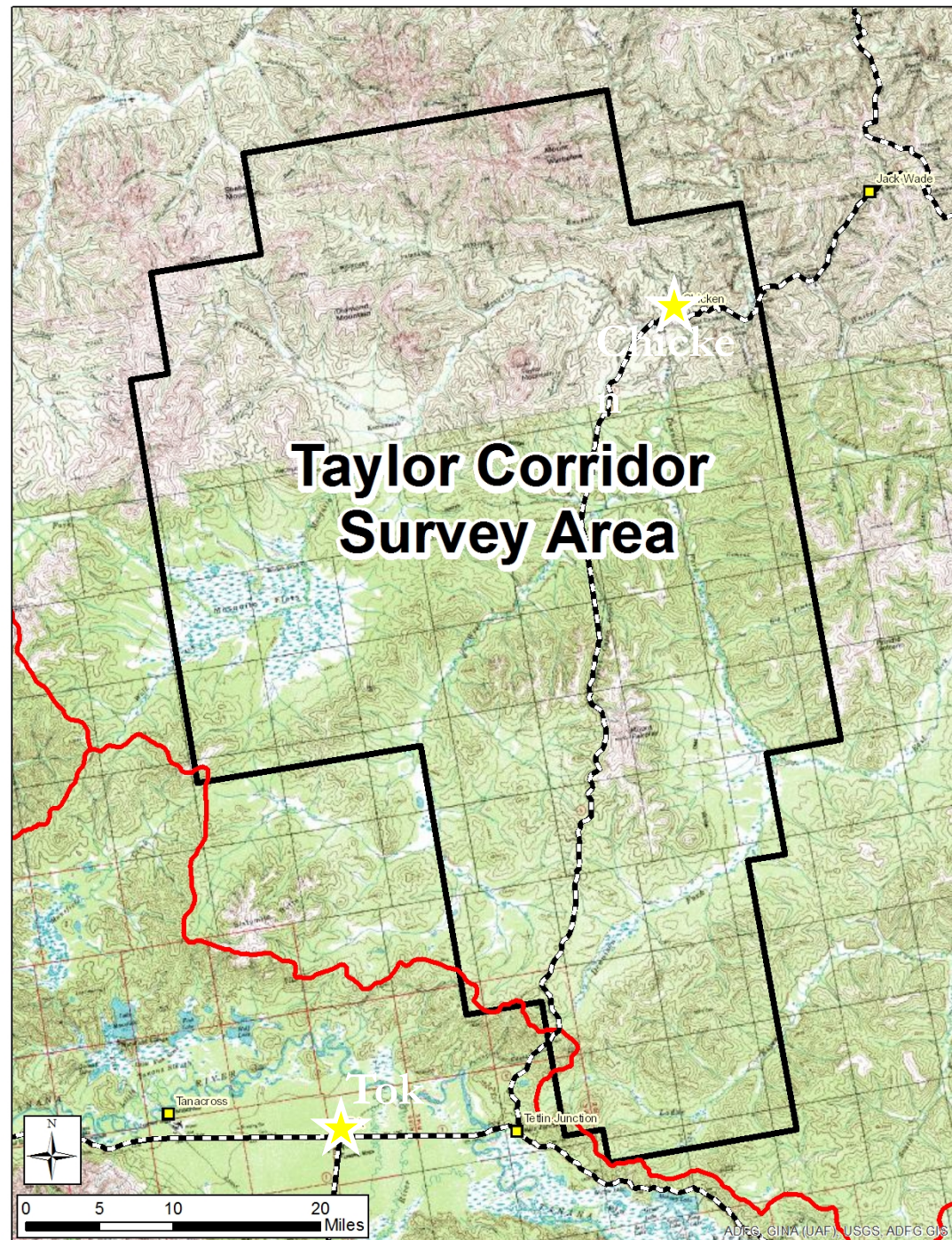
Glacier Mt. sheep

Unit 20E reported moose harvest



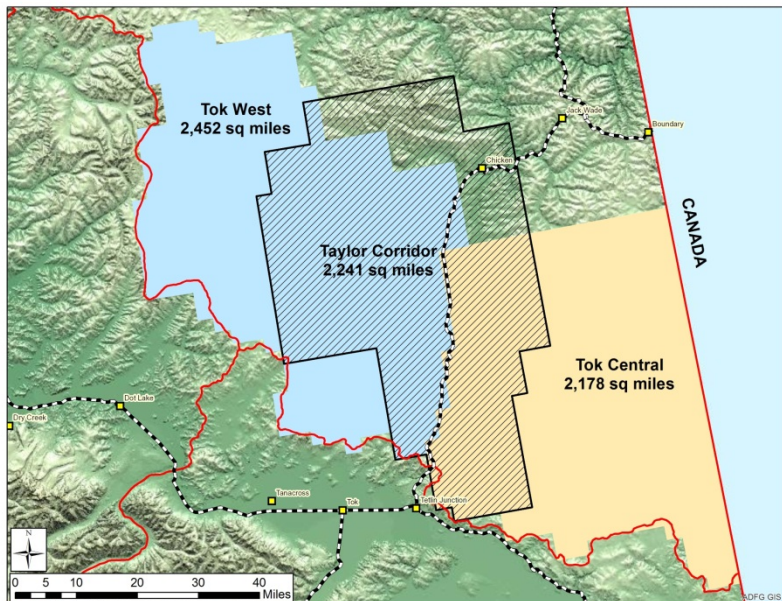
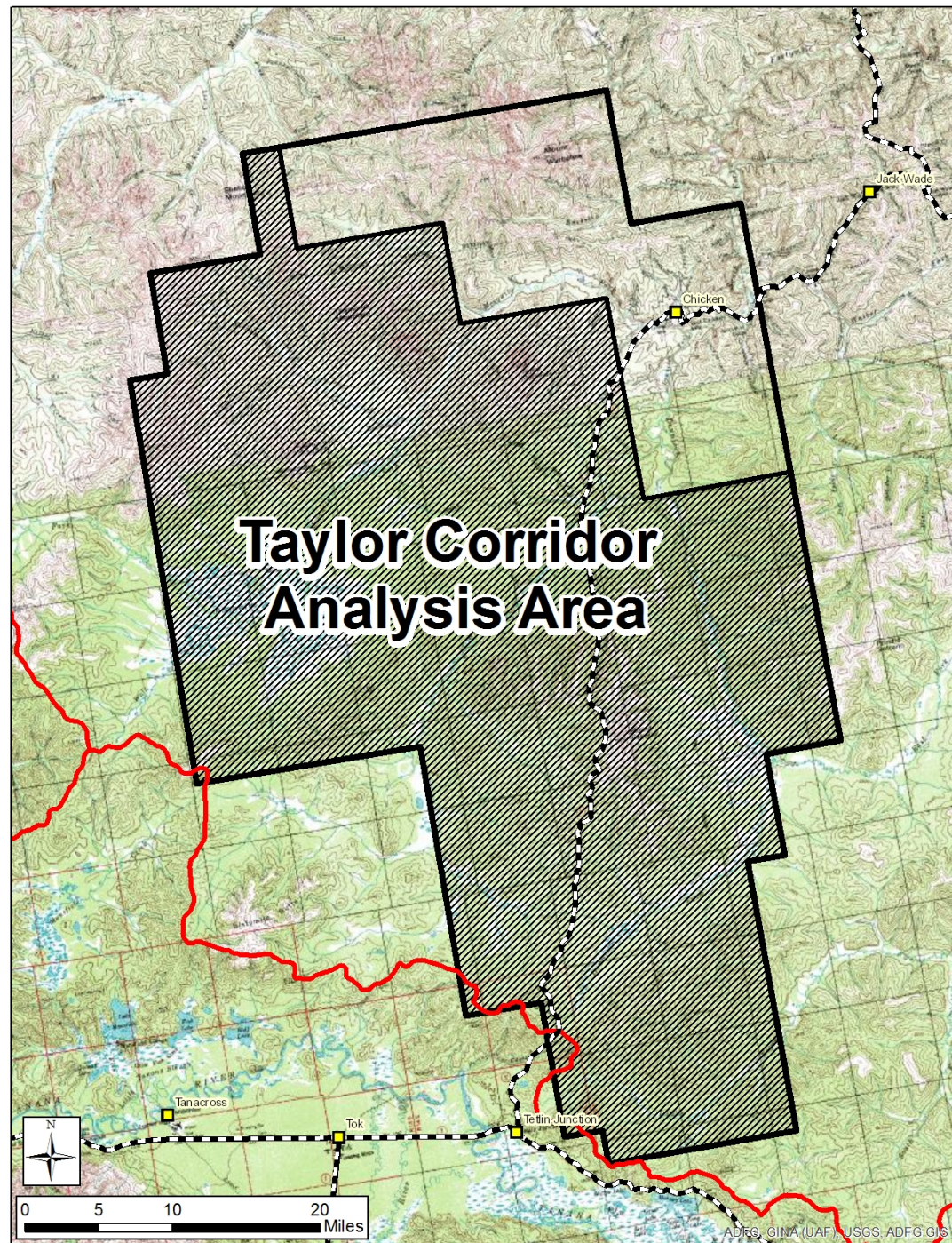
Taylor Corridor Survey Area

- 2,241 mi²
- 21% of 20E
- ~70% of total 20E moose harvest
- Established 2014



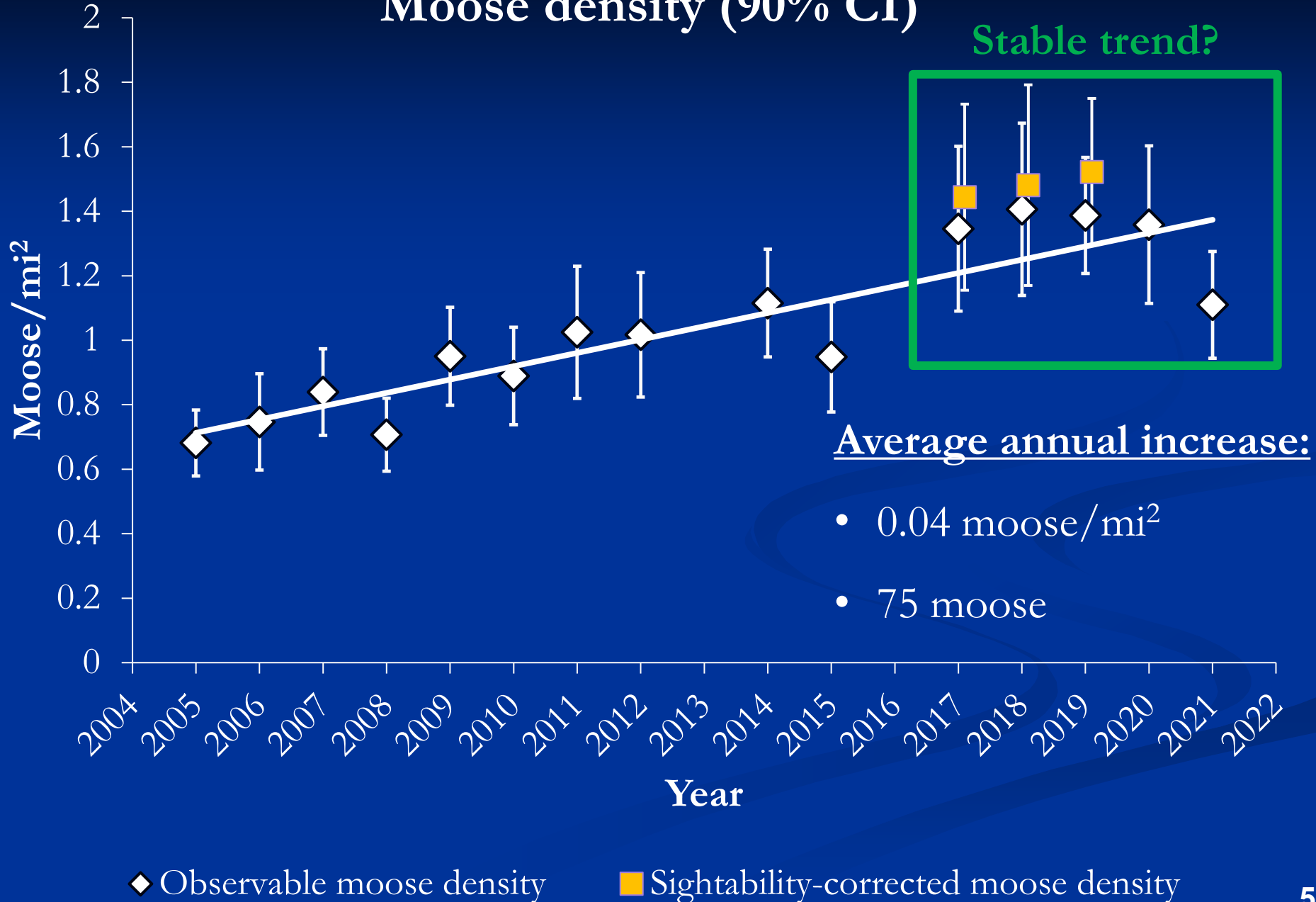
Analysis area

- Overlap during 2004-2021



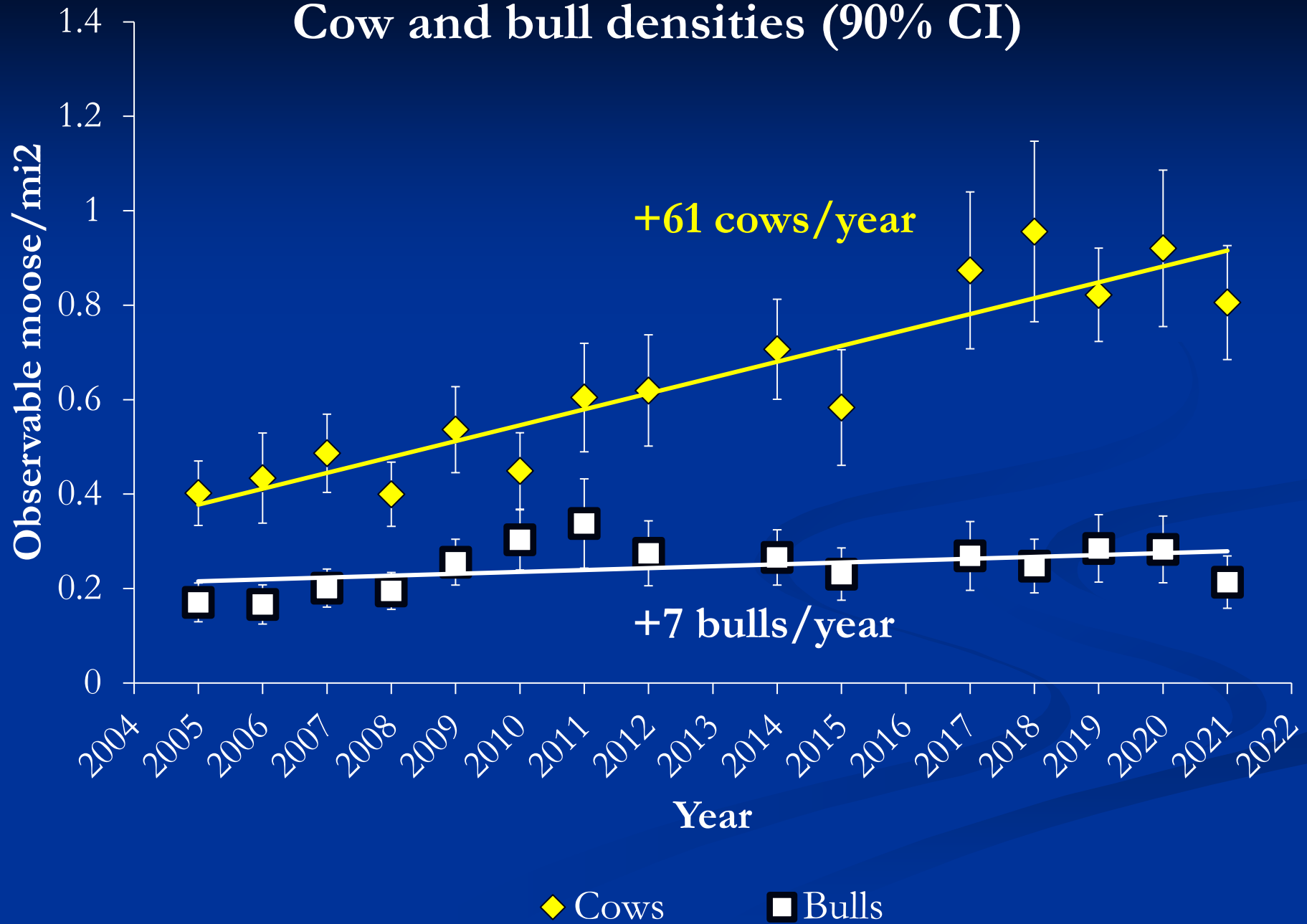
Taylor Corridor Analysis Area

Moose density (90% CI)



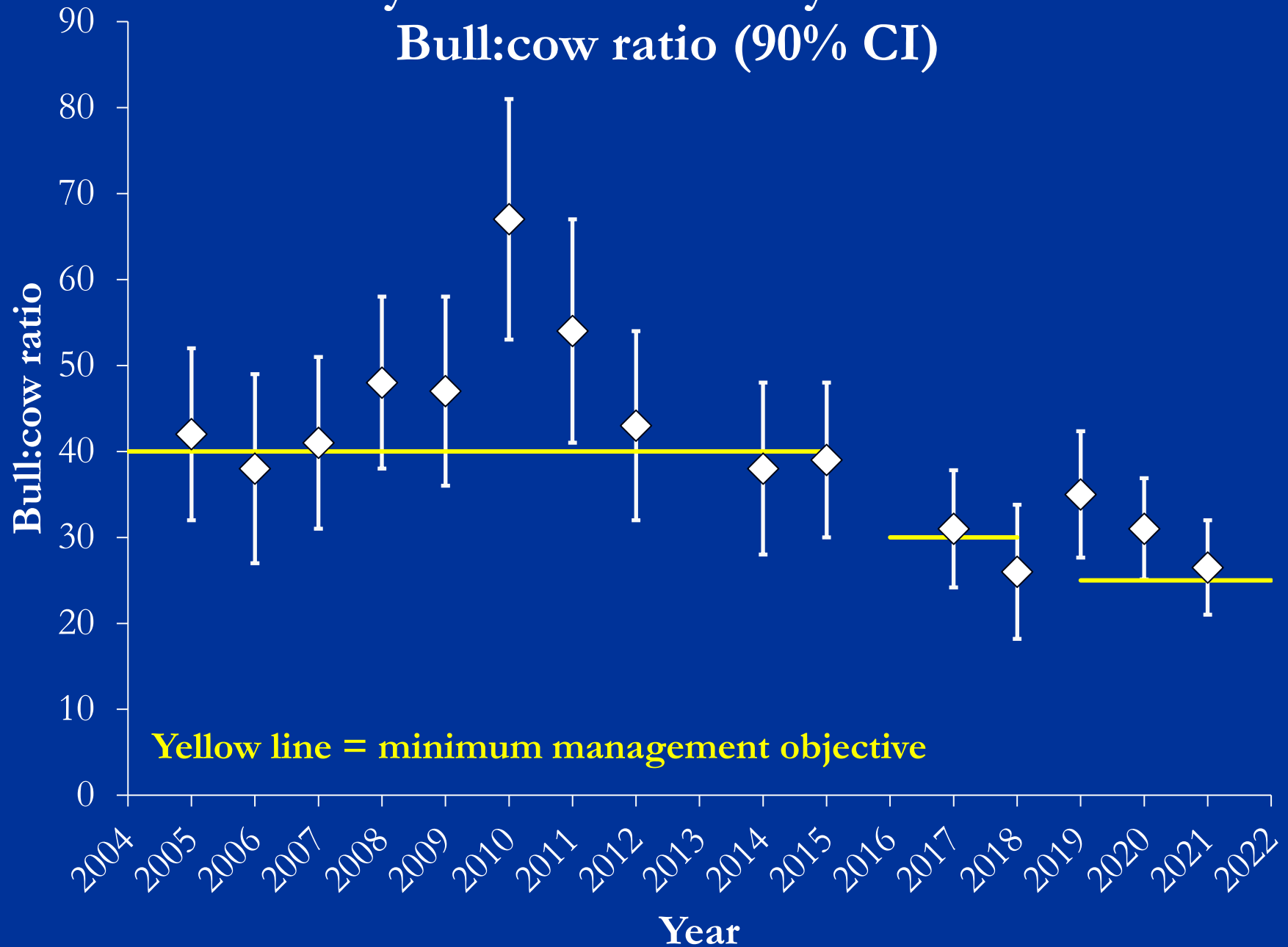
Taylor Corridor Analysis Area

Cow and bull densities (90% CI)



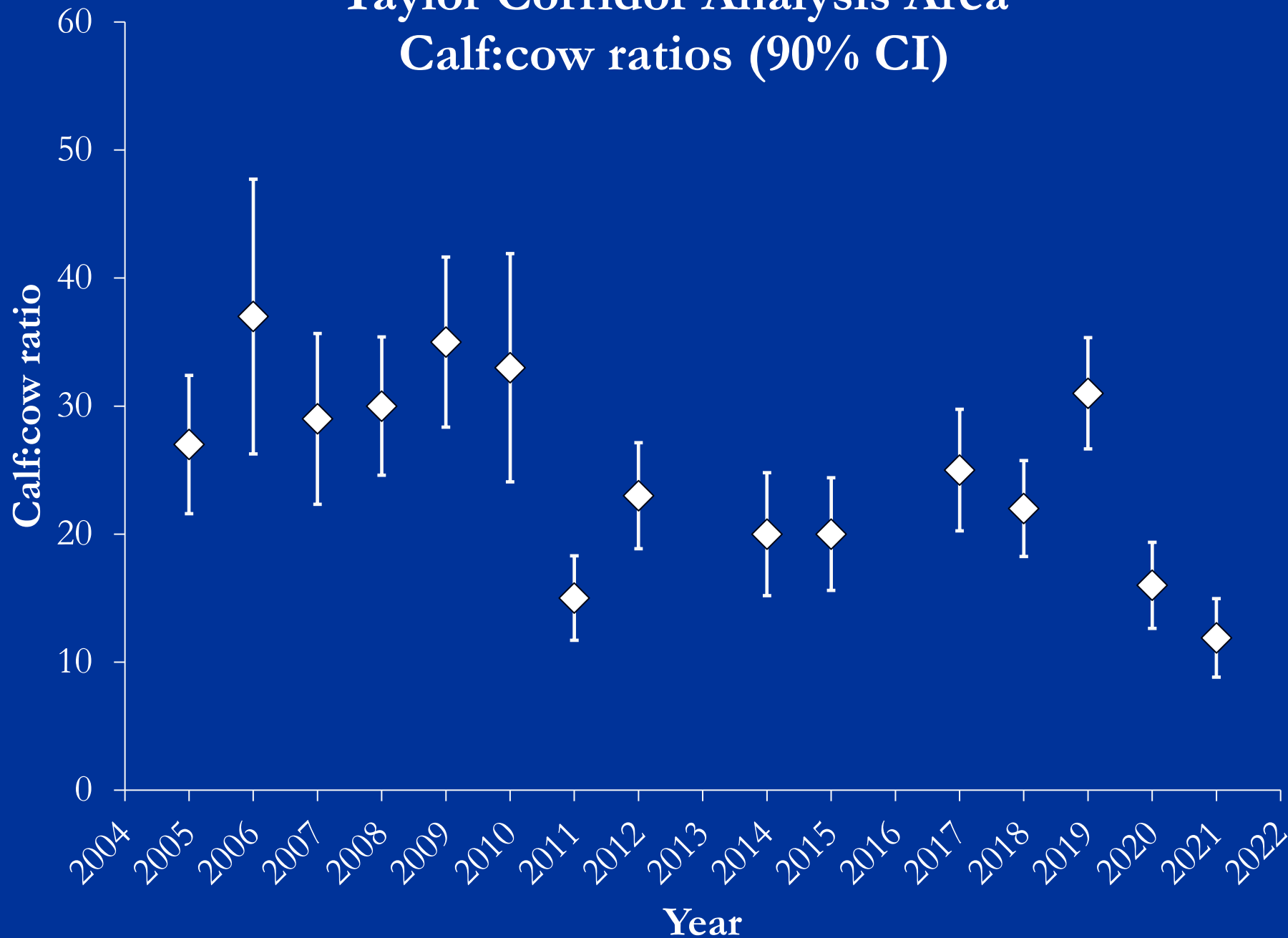
Taylor Corridor Analysis Area

Bull:cow ratio (90% CI)



Taylor Corridor Analysis Area

Calf:cow ratios (90% CI)

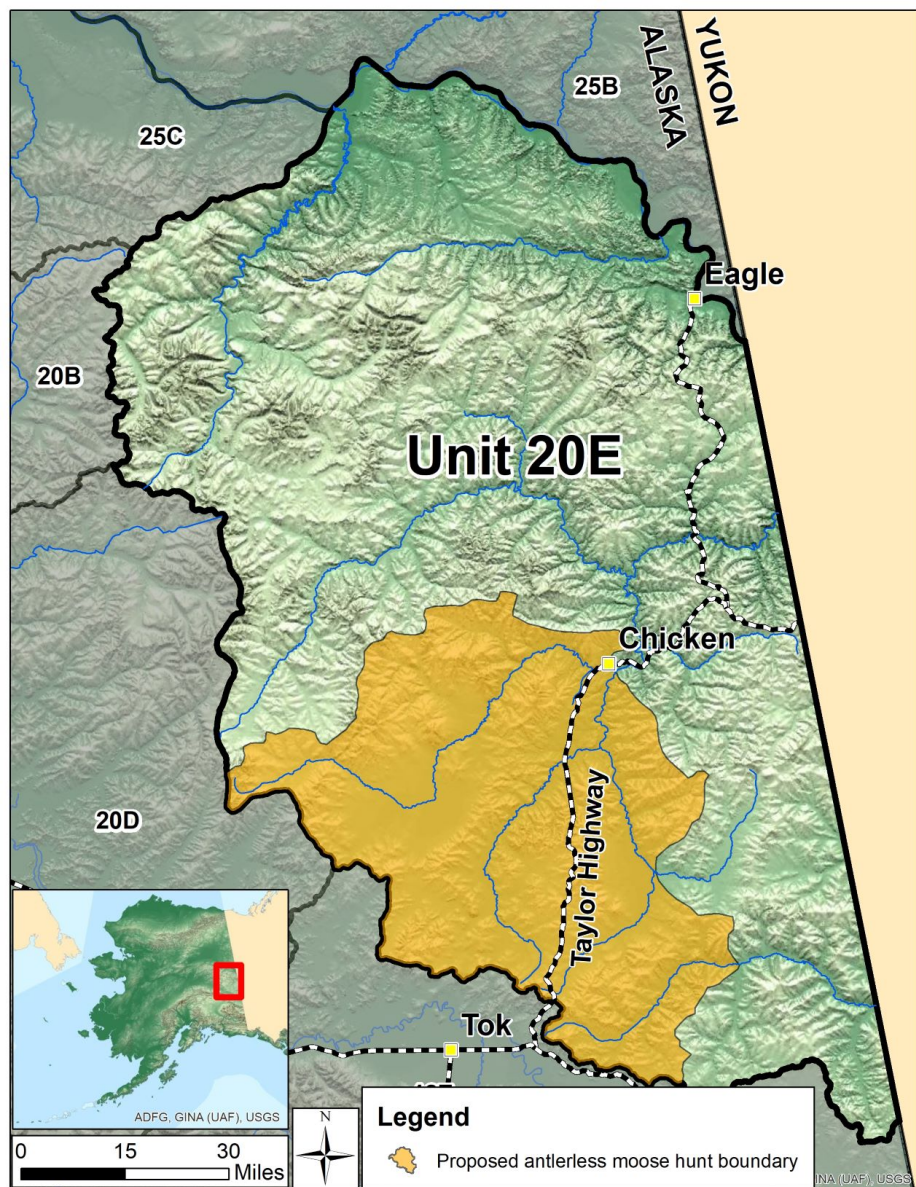


Unit 20E moose survey summary

- Long-term increasing trend
 - Recent stable trend?
 - Cow component increasing (stable recently)
 - Bull component stable
- Bull:cow ratio
 - Stable slightly above objective
- Calf:cow ratio
 - Lower than average recently

Proposal 270 – Unit 20E antlerless moose

Proposed area, seasons, and bag limits



Youth draw hunt

- Aug. 5 – Sept. 5 and Oct. 15 – Nov. 30
- Residents and nonresidents
- Up to 100 permits
- No cows with calves

Regular draw hunt

- Oct. 15 – Nov. 30
- Residents only
- Up to 400 permits
- No cows with calves

Proposal 270 – Unit 20E antlerless moose

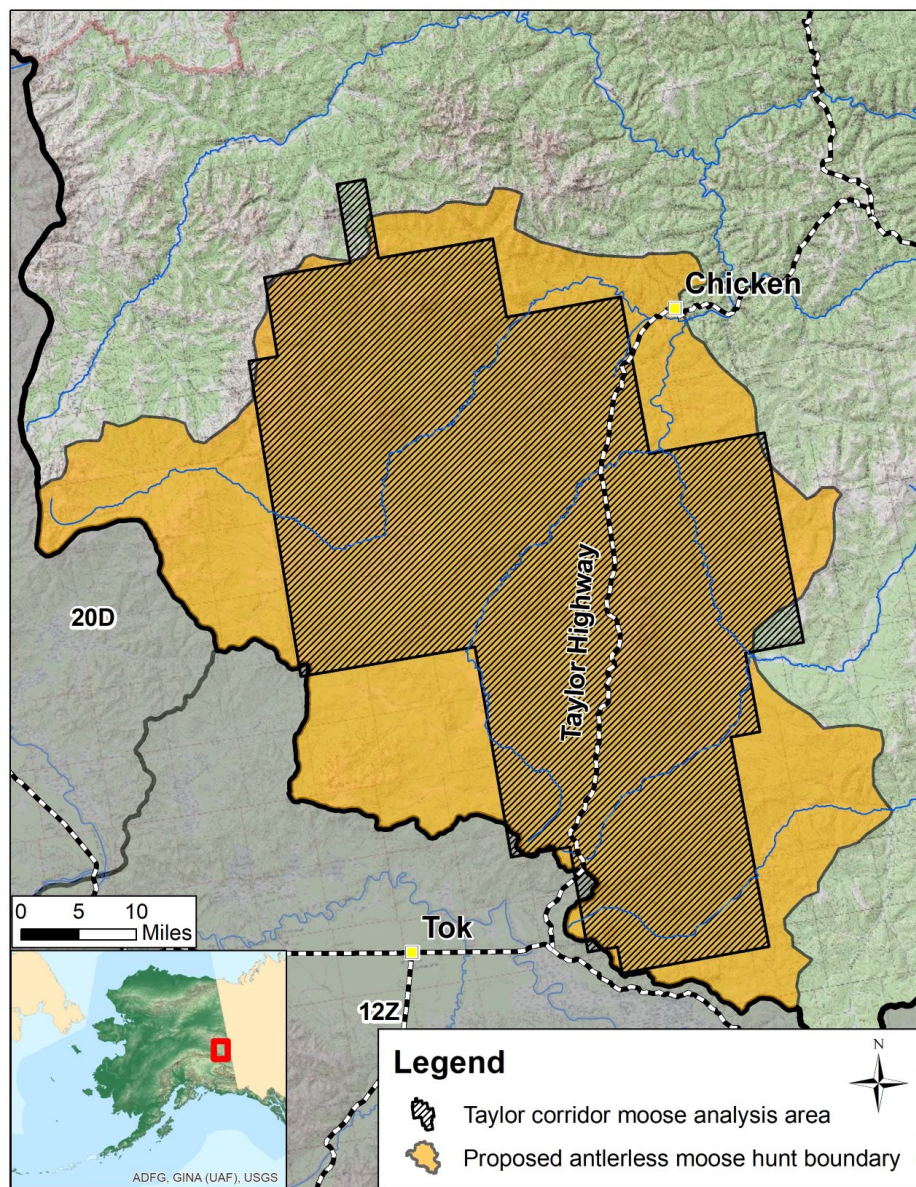
Proposal goals

1. Slow population growth
 - Maintain:
 - Habitat and nutrition
 - High yield
2. Provide additional hunting opportunity
 - IM harvest objective
3. Management flexibility – rapid response

Proactive approach

Proposal 270 – Unit 20E antlerless moose

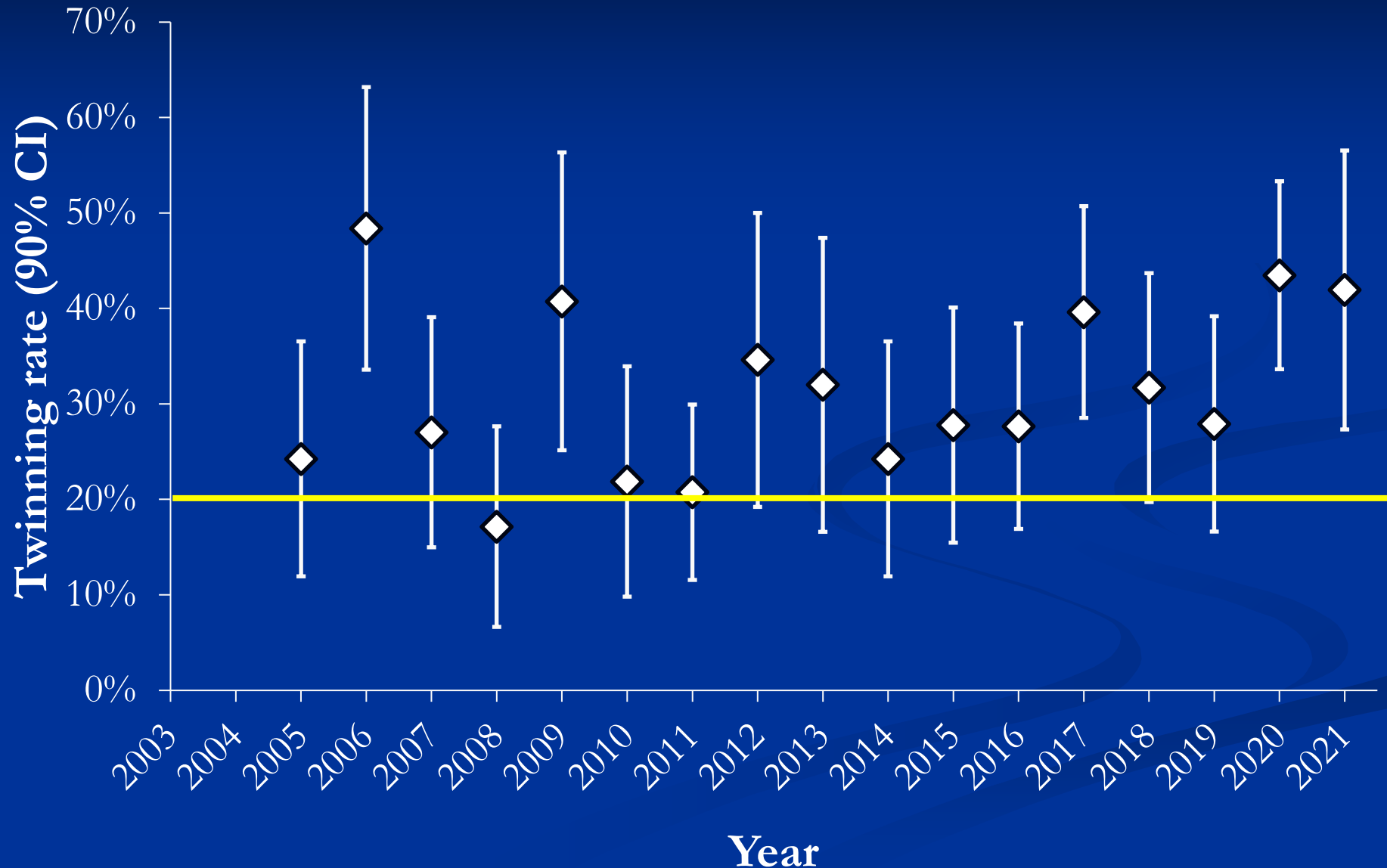
Taylor Corridor moose population



- 1,821 square miles
 - 65% of proposed area
- Survey data: 2005-2021

Proposal 270 – Unit 20E antlerless moose

Southern Unit 20E moose twinning rates



Proposal 270 – Unit 20E antlerless moose

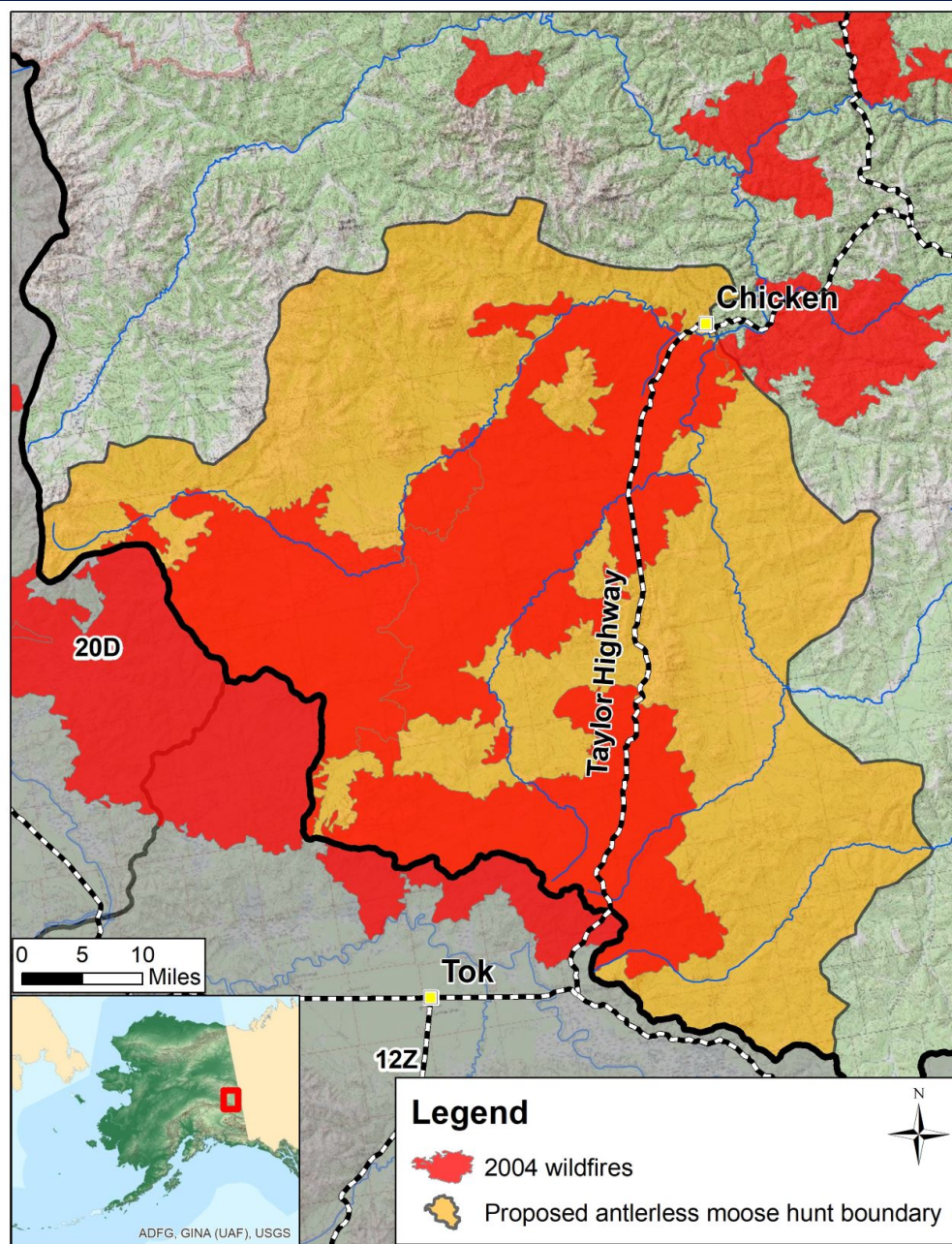
Habitat

➤ 2004 fires

- 42% of proposed area
- 18 years old

➤ Browse survey

- Spring 2022



Proposal 270 – Unit 20E antlerless moose

Summary

Proposal – proactive approach

- Slow growth
 - Maintain nutrition and yield
- Management flexibility
 - Incremental change
- Conservative quotas
 - Unless nutrition declines

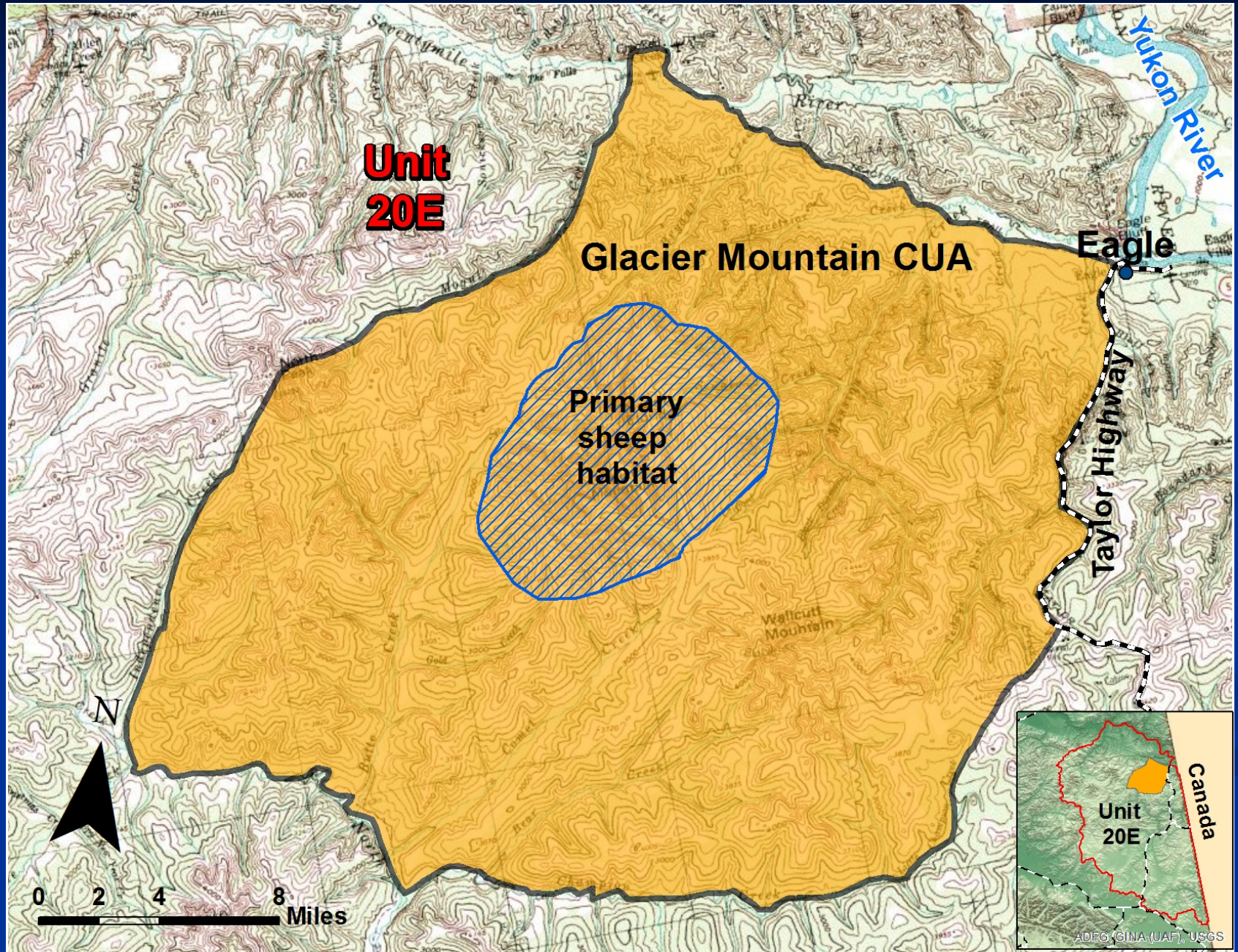
Proposal 270 – Unit 20E antlerless moose

Summary (cont.)

Proposal – proactive approach

- Risks of waiting?
 - Social/logistical challenges
 - More severe management action
 - Long-term impacts of reduced nutrition

Glacier Mountain sheep update



Glacier Mountain sheep

Minimum count aerial surveys

Number sheep observed

Year

■ Total sheep ■ Ewes ■ Total rams ■ Lambs

