

Game Management Units 9 & 10



The Alaska Peninsula and Aleutian Islands

Game Management Unit 9 & 10

King Salmon Area Office Staff

- Dave Crowley, Area Biologist
- Chris Peterson, Assistant AB (also Dillingham)
- Carol Klutsch, Program Technician



and key Region IV staff

- Lem Butler, Regional Supervisor
- Nick Demma, Research Biologist
- Todd Rinaldi, Palmer AB
- Jim Woolington, Dillingham AB,
retired



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Game Management Unit 9



Statistics

Area:	34,000 mi ²
Length:	600 miles
Population:	4,000
Villages:	24

Game Management Unit 9

Special Areas

McNeil River SGR and SGS

Izembek SGR

Pilot Point CHA

Egegik CHA

Cinder River CHA

Port Heiden CHA

Port Moller CHA



Game Management Unit 10

Statistics

Area: 1,600 mi²

Length: 970 miles

Population: 4,500

Villages: 6





Population : 8,000

Status: Possible decline 9B, 9C, 9E

Harvest: 640 during open regulatory years

Issues: Density is too high or too low

Proposals 45, 46



Population : 7,000

Status: Stable at low to moderate density

Harvest: 80 – 110 bulls per year

Issues: Public desires more moose

Illegal moose harvest

Proposal 44



Density:	5 – 10 / 1,000 km²
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Status:	Stable
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Harvest:	40 – 140 per year
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No Proposals



Average Annual Harvest (2004 – 2013)

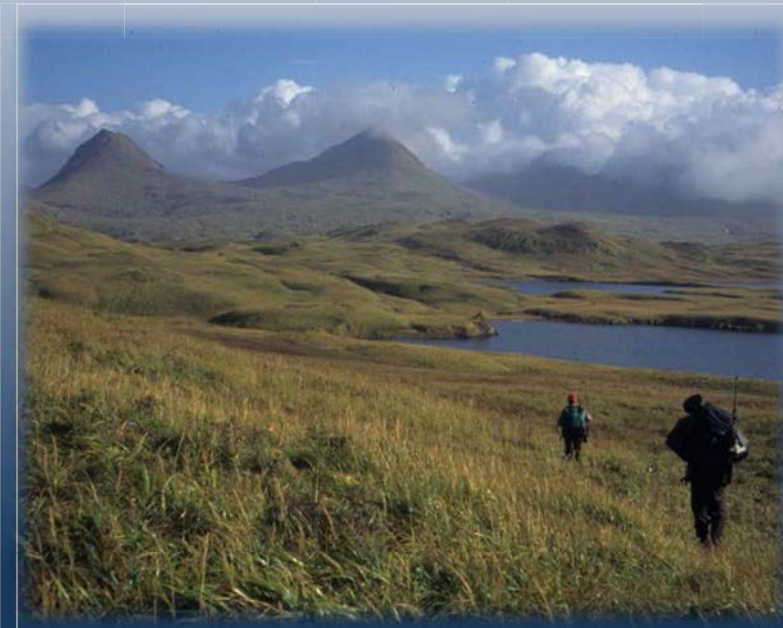
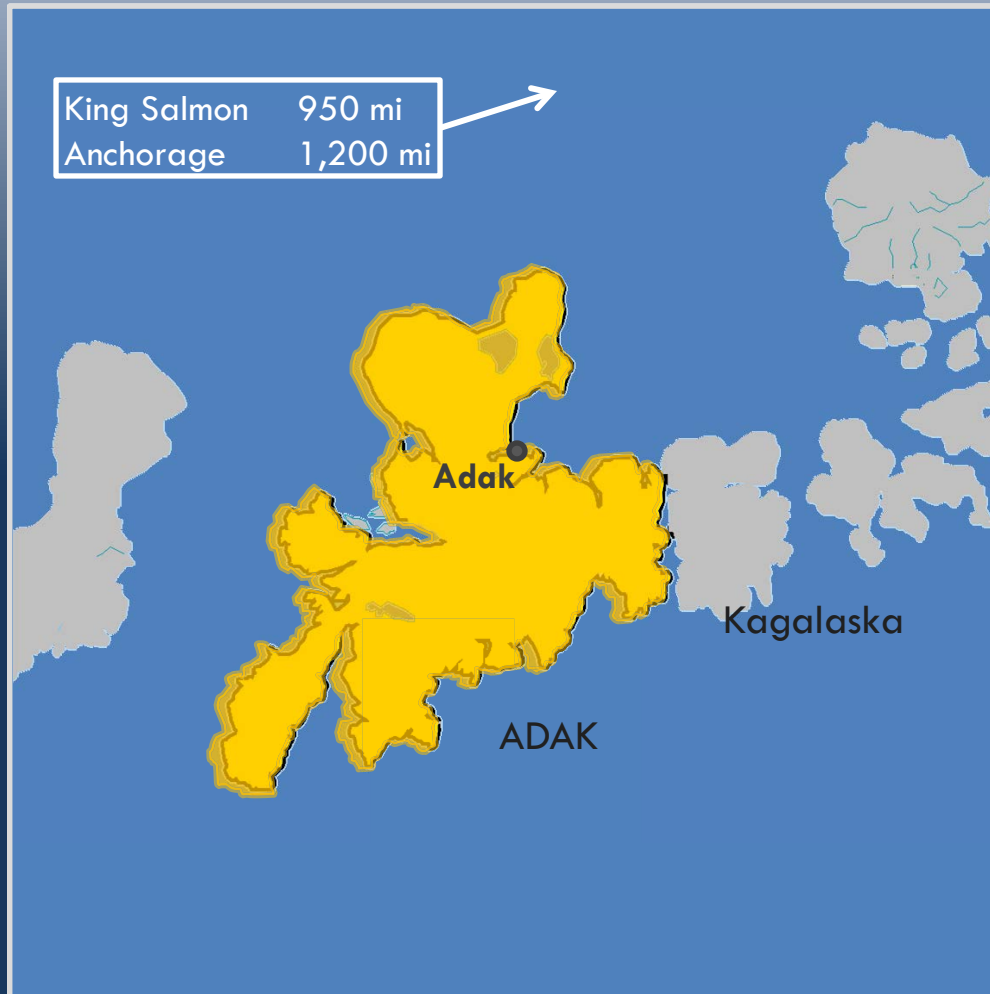
- 105 Beaver
- 40 Lynx
- 90 Otter
- 30 Wolverine

No Proposals



Adak Caribou Herd

Unit 10



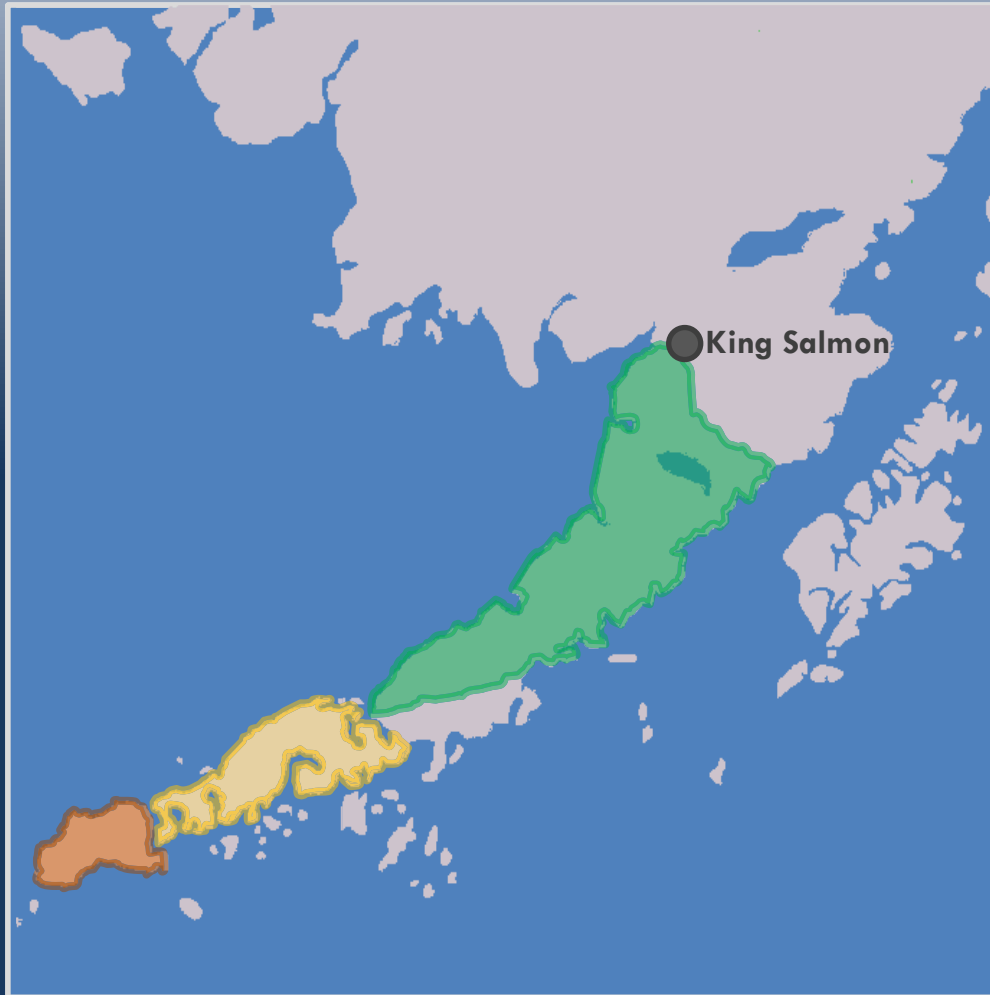
Population : 2,500

Status: stable

Harvest: 250 – 350

Issue: Invasion of Kagalaska

No Proposals



Active Program

- NAP Caribou Herd

Suspended

- SAP Caribou Herd

Inactive program

- Unimak Caribou Herd

Northern Alaska Peninsula Caribou Herd (NAP)



Population: 2,700

Status: increasing

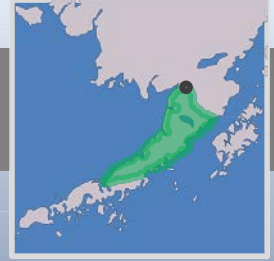
Harvest: closed to hunting (2005)

Issues: Port Heiden reindeer

Predator Control – NAP Caribou Herd



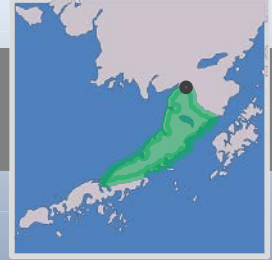
Predator Control – NAP Caribou Herd



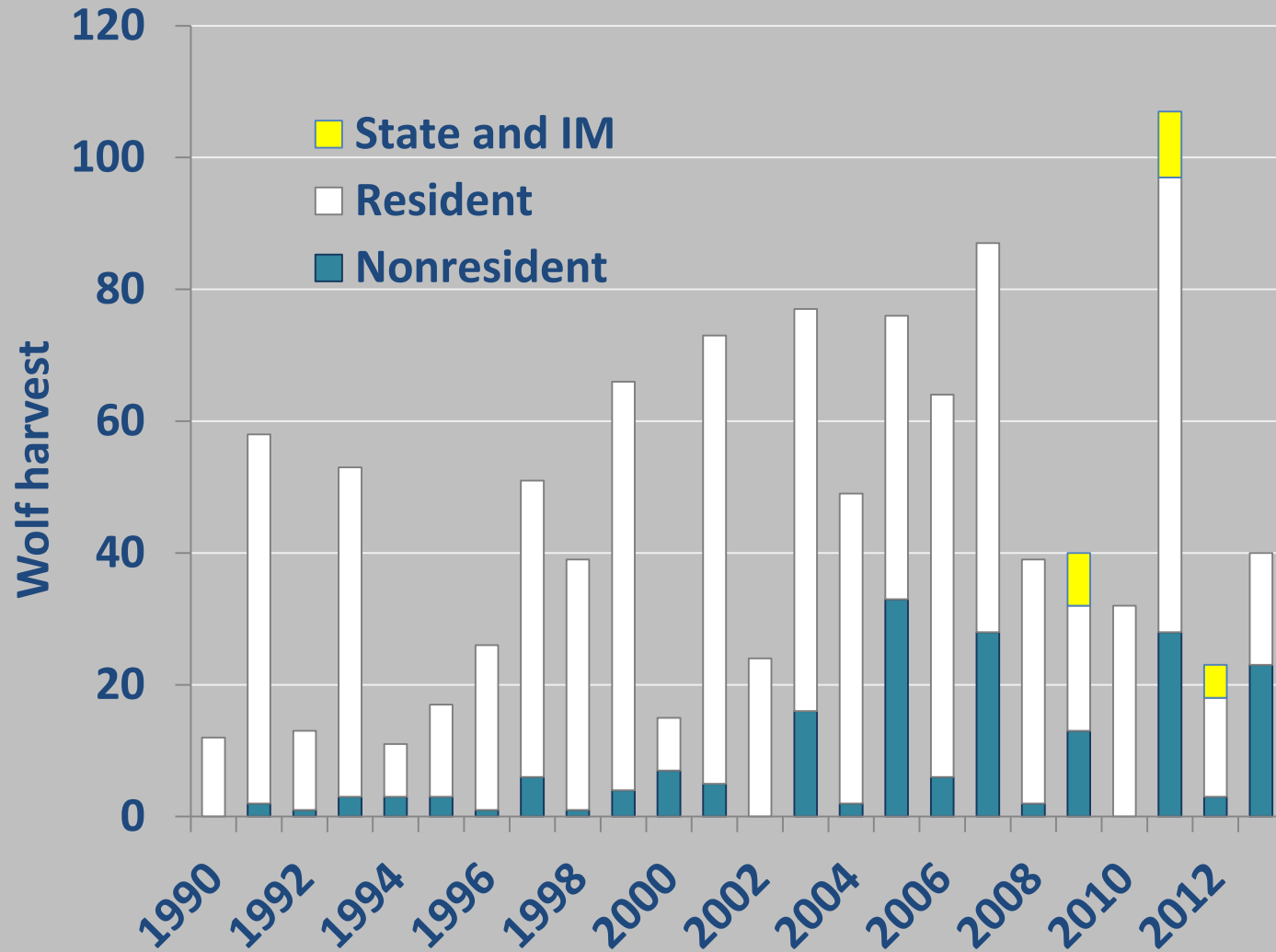
IM Program

- Non-selective wolf control in GMU 9C & 9E
 - calving is dispersed across range
- Aerial control by permittees on non-federal lands

Predator Control – NAP Caribou Herd



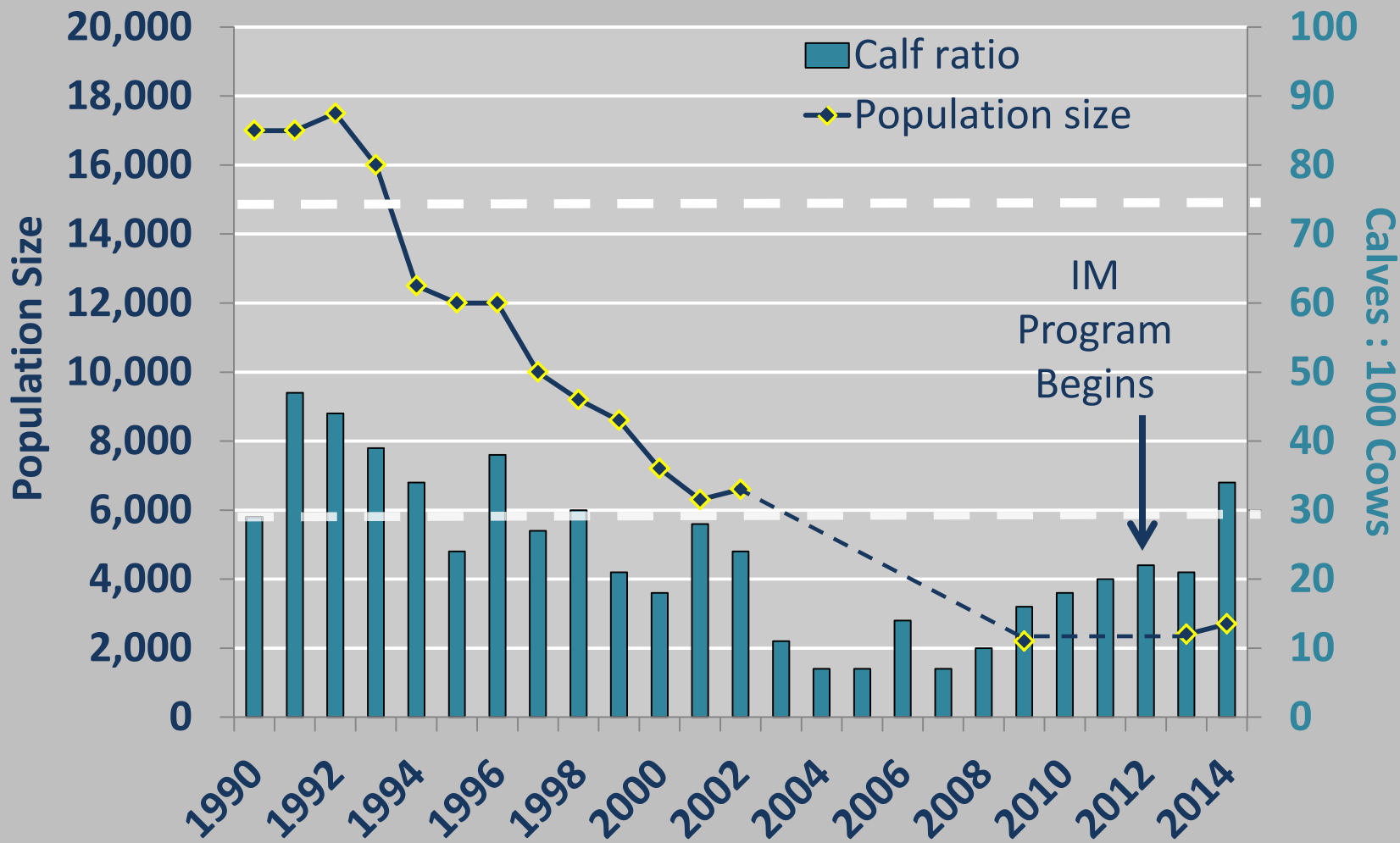
NAP Wolf Harvest



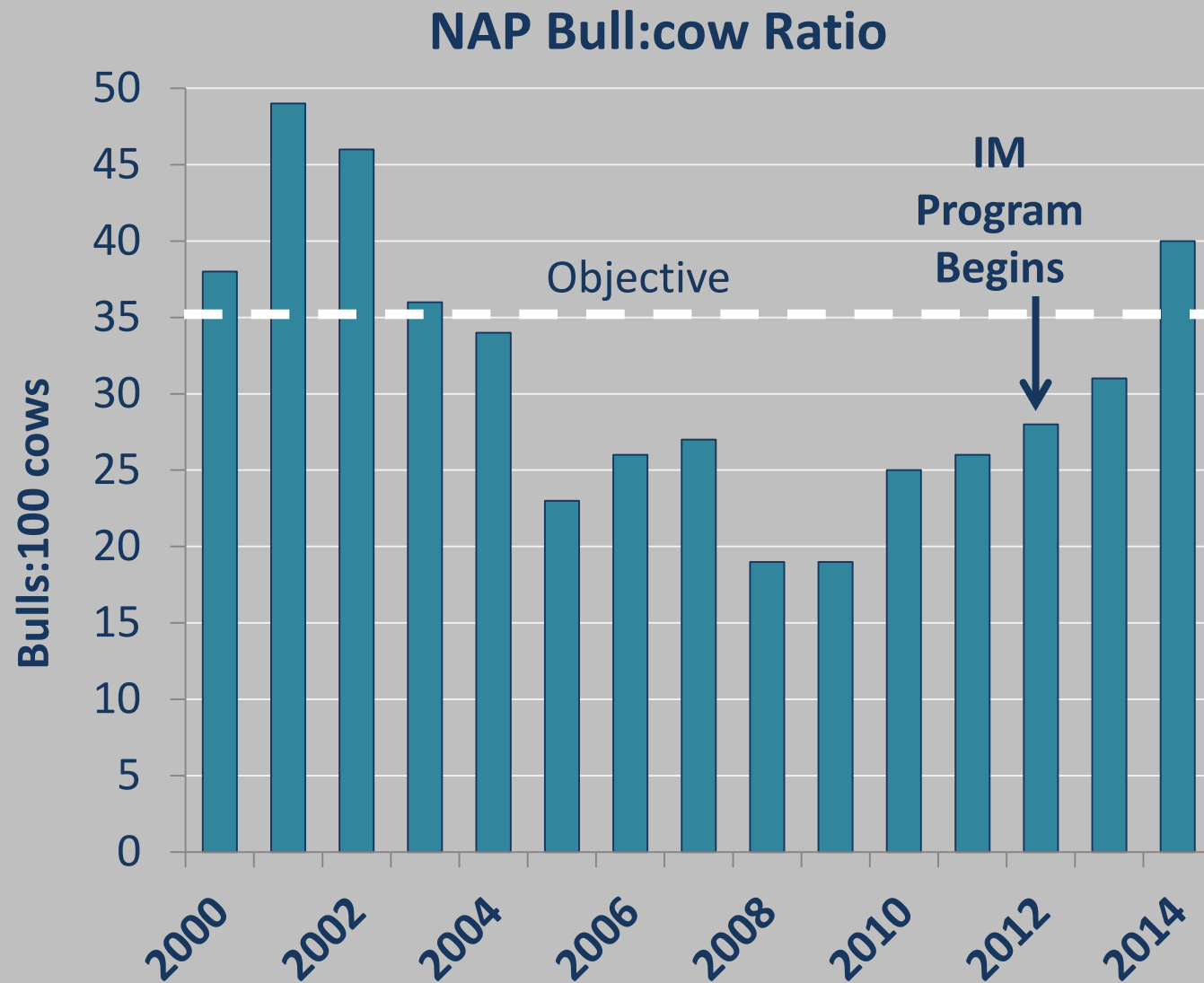
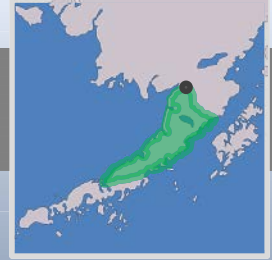
Predator Control – NAP Caribou Herd



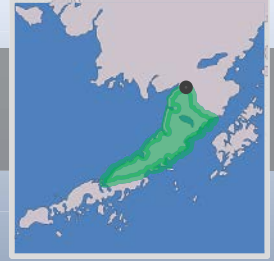
NAP Population Size and Calf Recruitment



Predator Control – NAP Caribou Herd



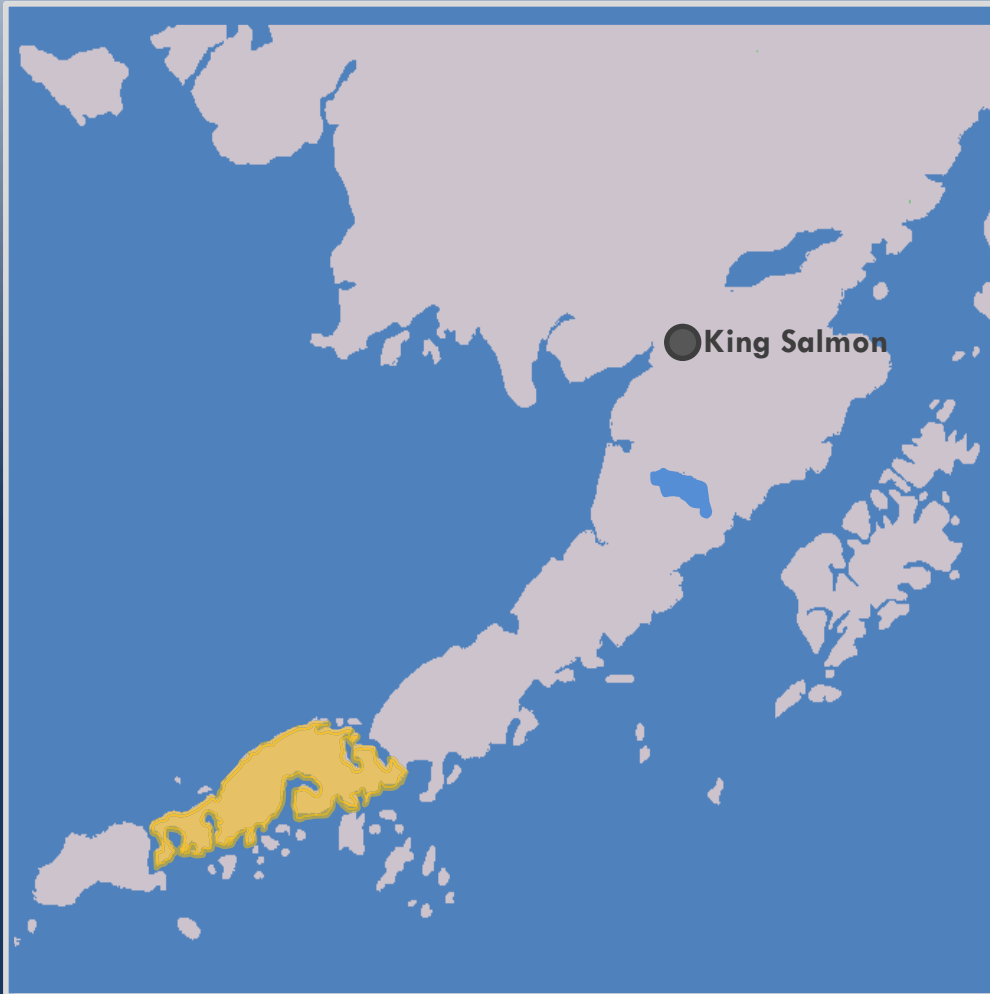
Predator Control – NAP Caribou Herd



Recommendations

- Evaluate efficacy based on public participation and success during RY2014.
- Discontinue if program success remains low.

Southern Alaska Peninsula Caribou Herd (SAP)



Population:	1,700
Status:	increasing
Harvest:	20 (2013)

No Proposals

Predator Control – SAP Caribou Herd



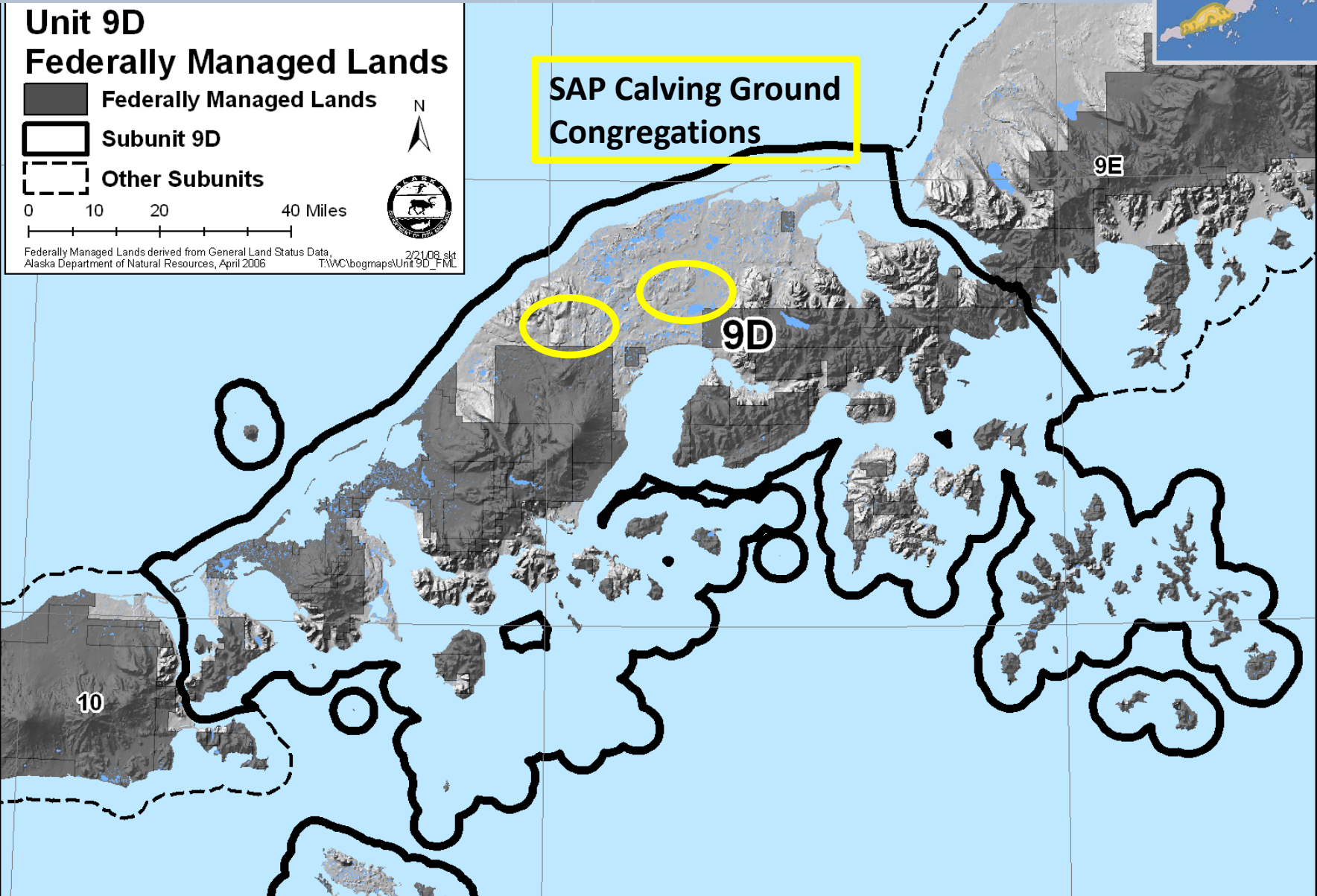
Population Status

2007

- population size 600
- calf survival <1%
- calf recruitment <1 calf:100 cows
- bull ratio 10 bulls:100 cows



Predator Control – SAP Caribou Herd



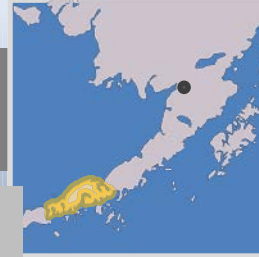
Predator Control – SAP Caribou Herd



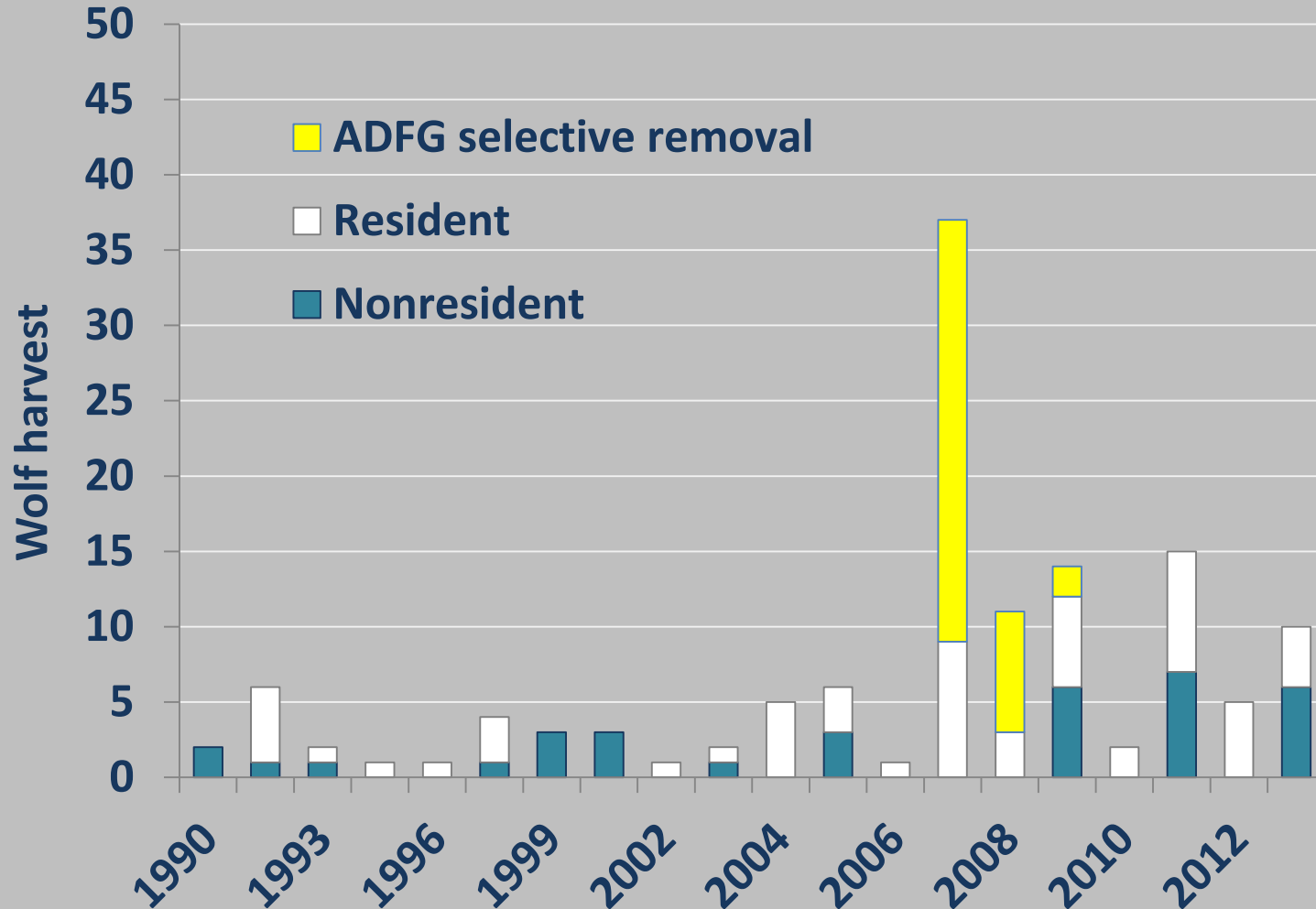
- Program Implementation
- Initiated Control Program in June 2008
- Selective wolf removal on calving grounds
- IM Objectives:
 - 1,500-4,000 in population
 - 35 bulls:100 cows
 - 150-200 annual harvest



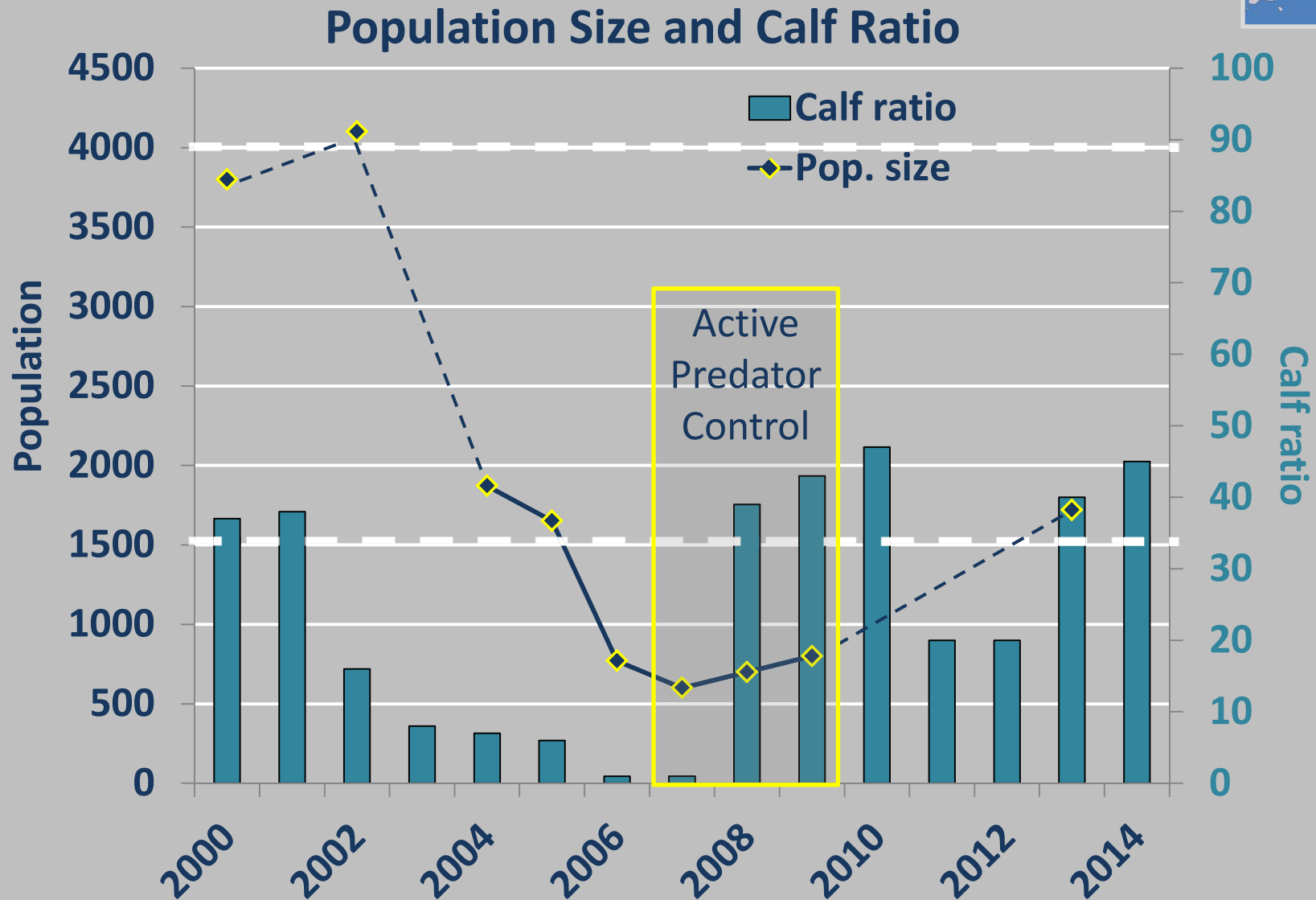
Predator Control – SAP Caribou Herd



SAP Wolf Harvest, Unit 9D



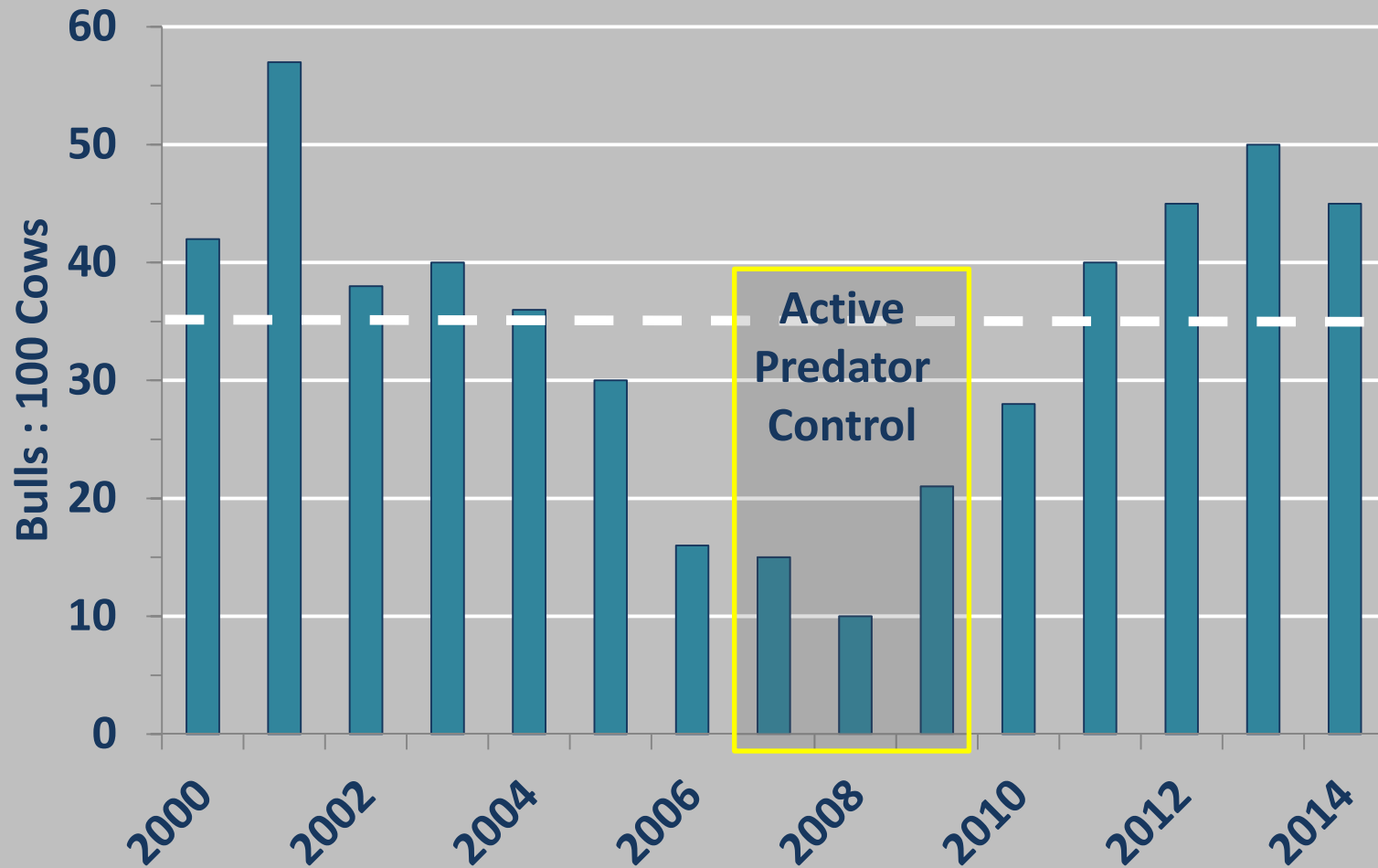
Predator Control – SAP Caribou Herd



Predator Control – SAP Caribou Herd



SAP Bull Ratio, Unit 9D



Predator Control – SAP Caribou Herd



<u>Summary</u>	<u>2007</u>	<u>2008-2010</u>	<u>2011-2014</u>
Wolf Control Phase	Pre-control	Active	Suspended
• Population	600	700 - 800	1,700
• Calf survival	<1%	60 - 70%	40 - 50%
• Calf ratio	<1	40 - 50	40 - 50
• Bull ratio	14	10 - 30	40 - 45

Predator Control – SAP Caribou Herd



Evaluation relative to IM Objectives

- Above objective for population size of 1,500-4,000.
- Above ratio objectives for calf (30) and bull (35).
- Below objective for annual harvest of 150-200.
 - Harvest to increase 2016

Predator Control – SAP Caribou Herd

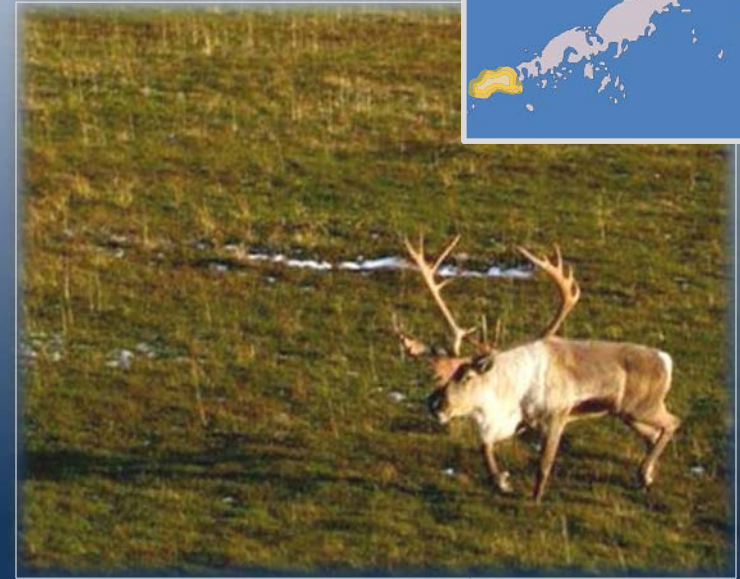
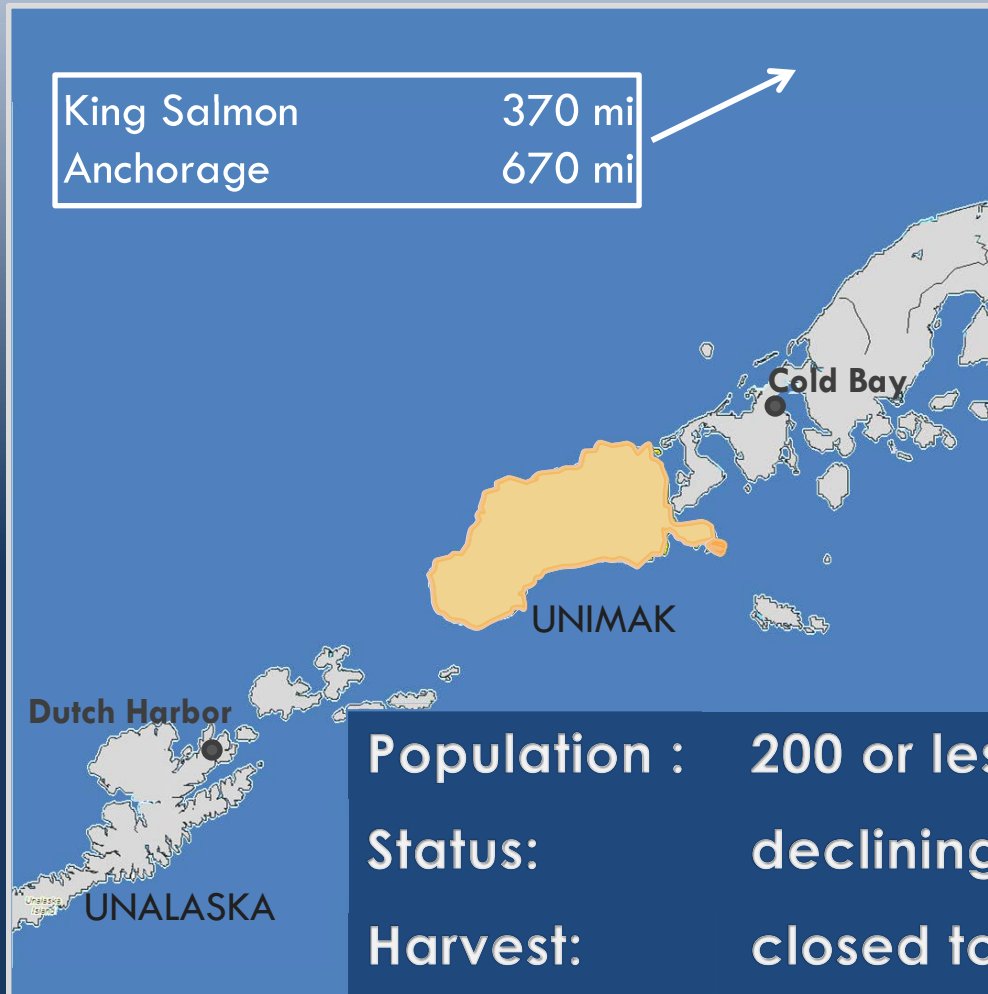


Recommendations

- Continue to suspend program during 2015 calving season
- Monitor population to evaluate need for active management

No Proposals

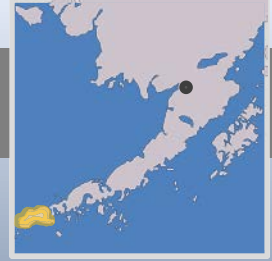
Unimak Caribou Herd (UCH)



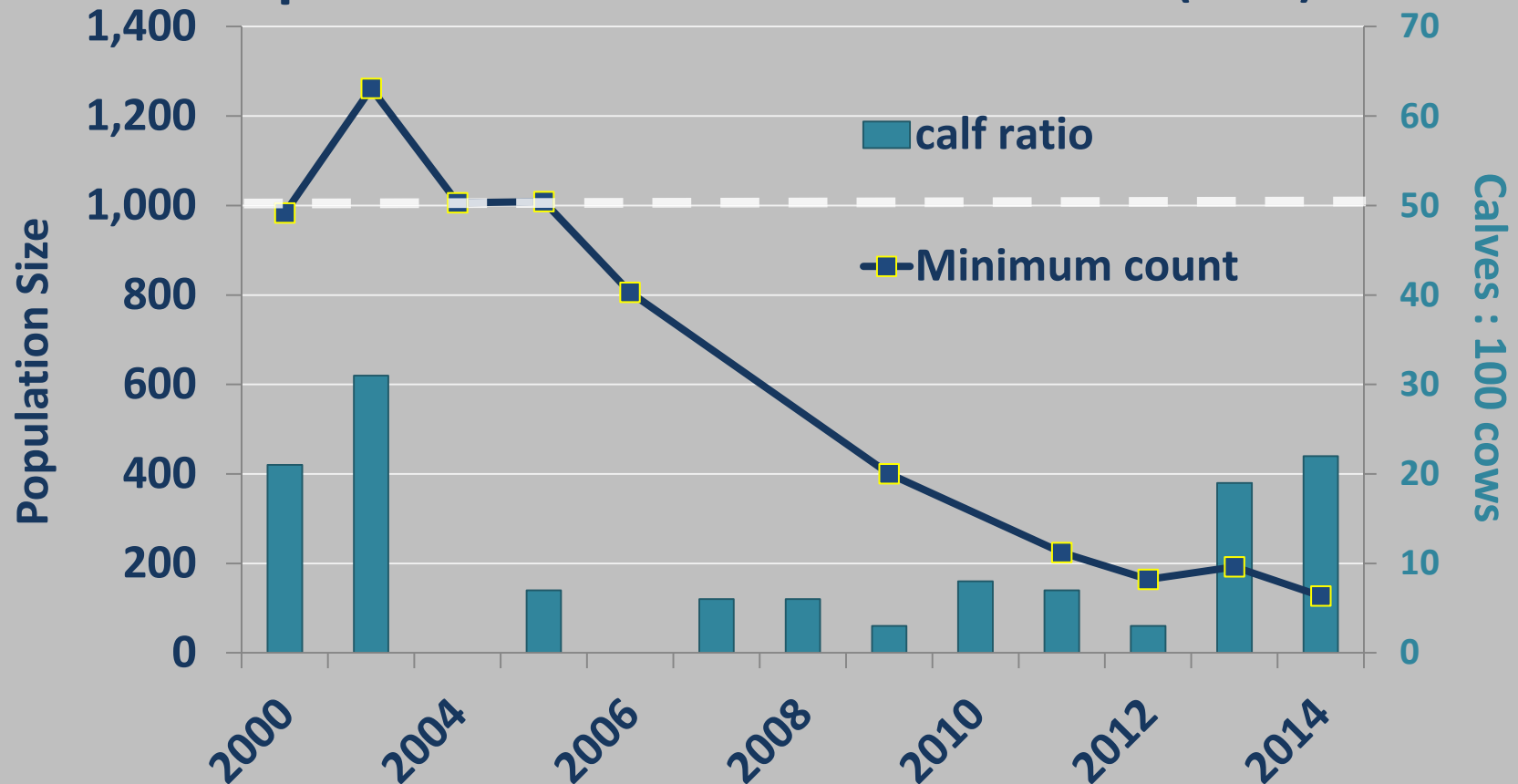
Population :	200 or less
Status:	declining
Harvest:	closed to hunting
Issues:	Federal wilderness status, options limited

No Proposals

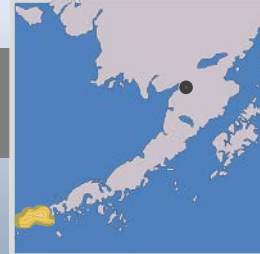
Unimak Caribou Herd



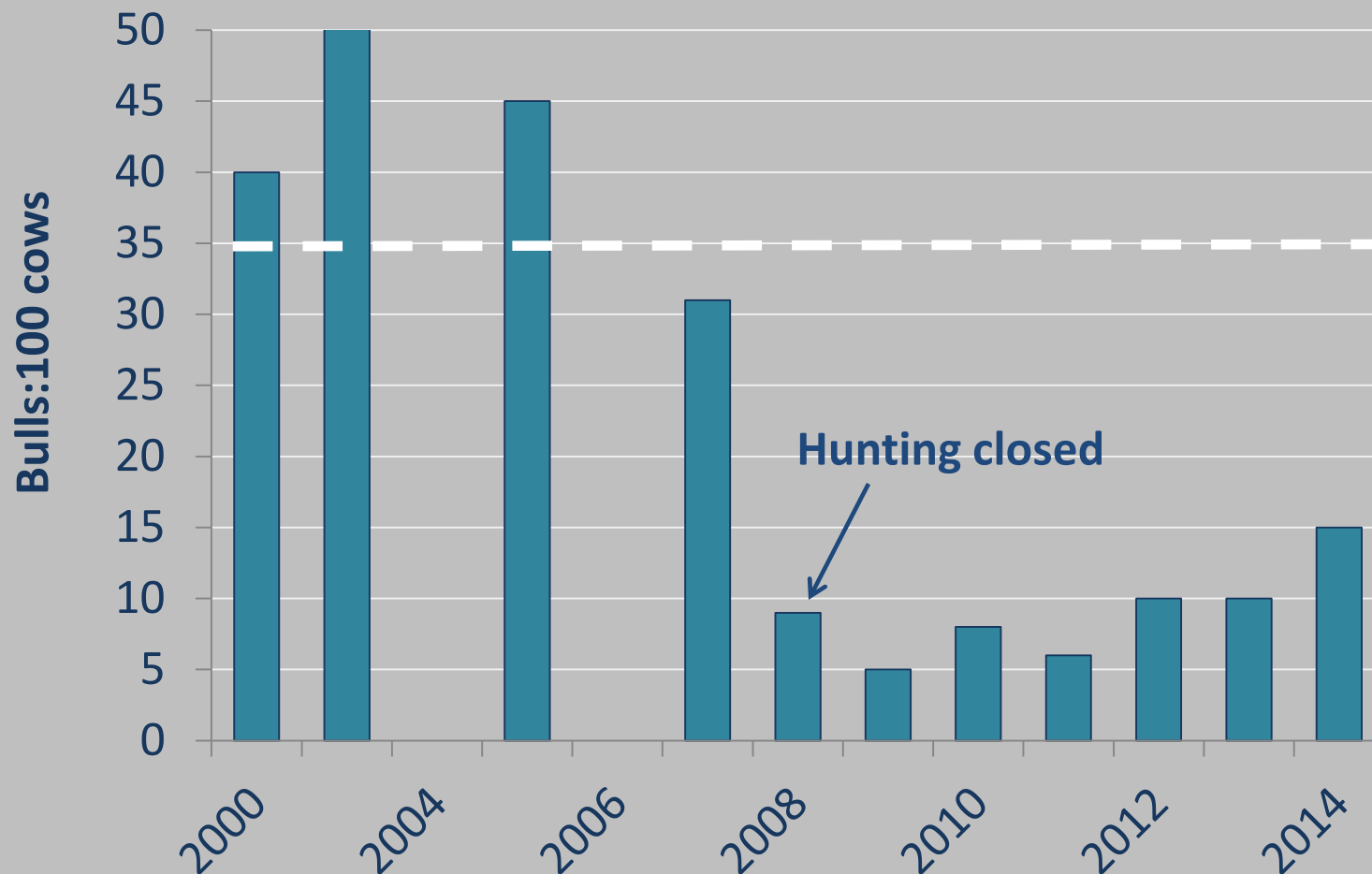
Population Size and Fall Calf Ratio (UCH)



Unimak Caribou Herd



Unimak bull ratio



Unimak Caribou Herd

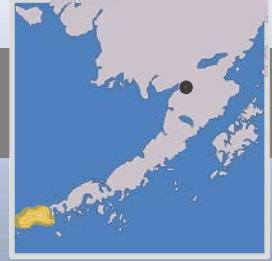


2014 Calf Mortality Study Preliminary Results

- Calf survival to age 2 weeks: 76%
- Calf survival to October: 47%
- Predation caused at least 50% of neonate deaths



Unimak Caribou Herd



IM Program Recommendations

- Remain inactive
- Continue monitoring



End of Overview

