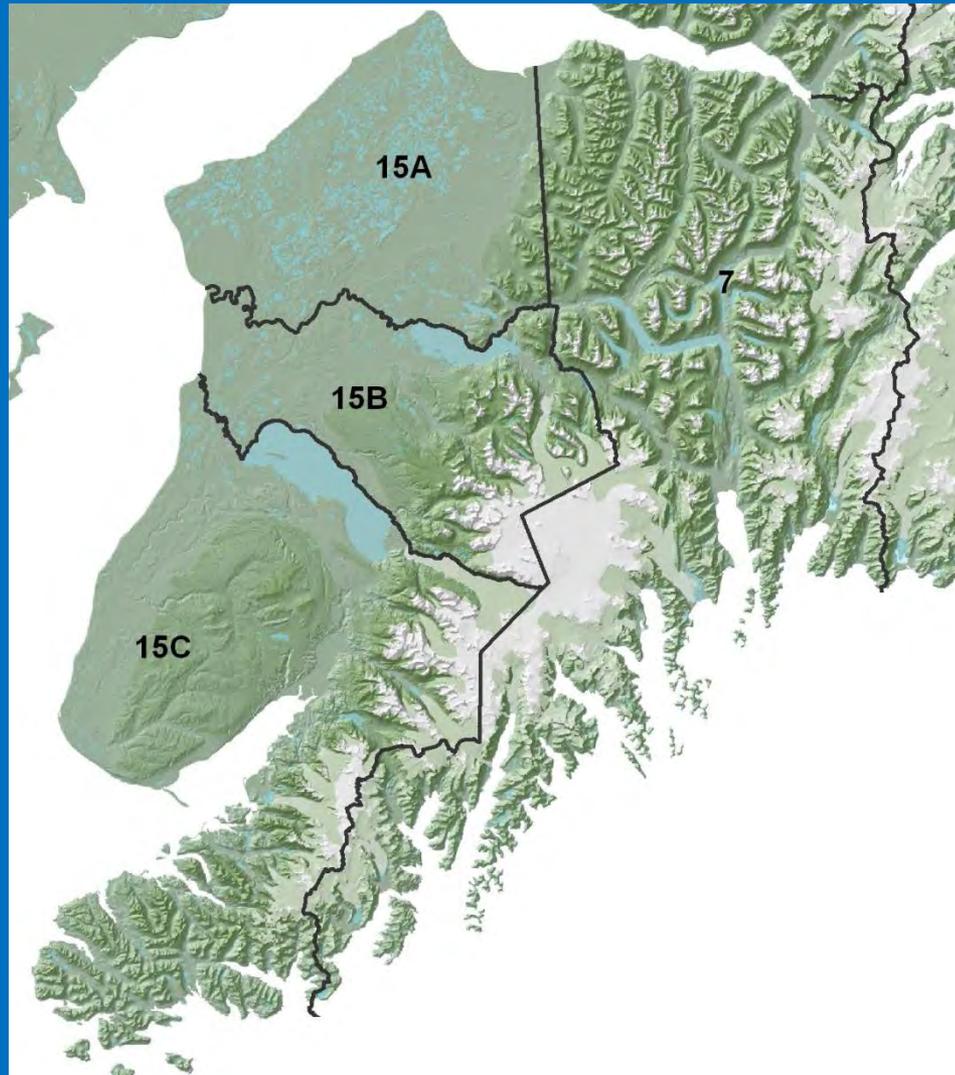


Kenai Peninsula Proposals



Proposal 143



Effect : Modifies the bag limit for moose in Units 7&15 to allow harvest of bull moose with antlers ≥ 50 " or 3 brow tines on one side

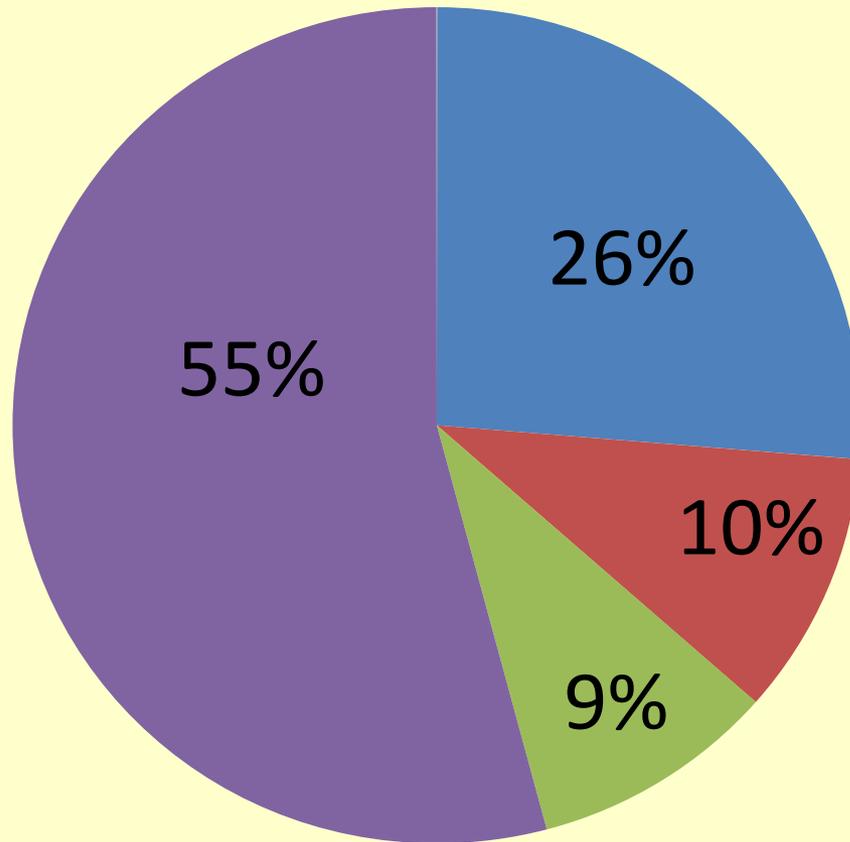
Concern : Current restrictive antler size requirements are causing a reduction in harvest opportunity for moose.

Department position : Amend and Adopt

Amendments

- 1) Season dates change from August 20-September 20 to September 1-20. (Antler Development)
- 2) Archery-only season (15A and 15B) dates change from August 10-17 to August 22-29.
- 3) Include bulls that have a spike antler on at least one side as a legal bull for harvest.
- 4) Retain the sealing requirement for bull moose harvested in GMU's 7 and 15

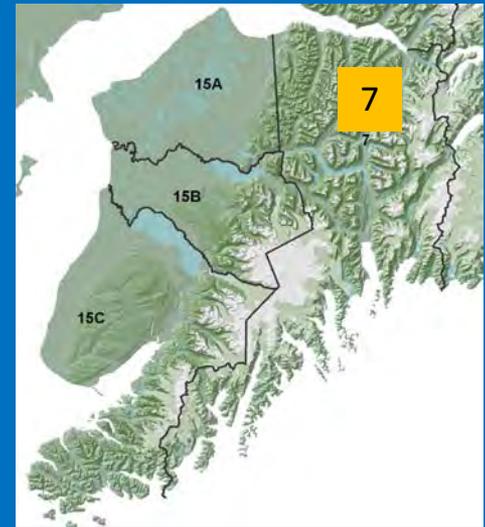
Proportion of Moose Harvest by Unit 2006-2010



■ 15A ■ 15B ■ 7 ■ 15C

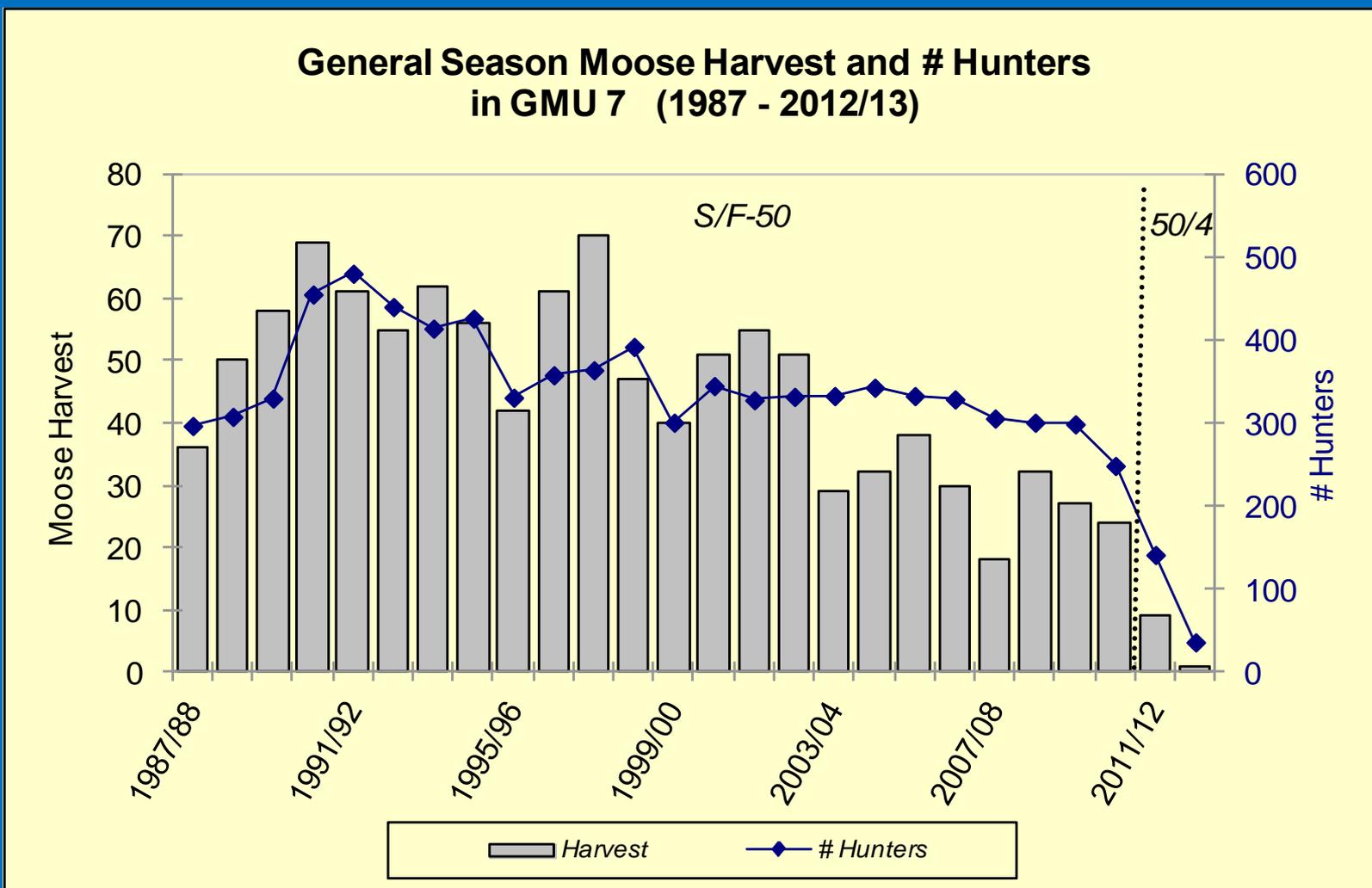
GMU 7

- Maintain a healthy population of moose with a minimum bull-to-cow ratio of 15:100
- Maintain the moose population at a level to promote public safety

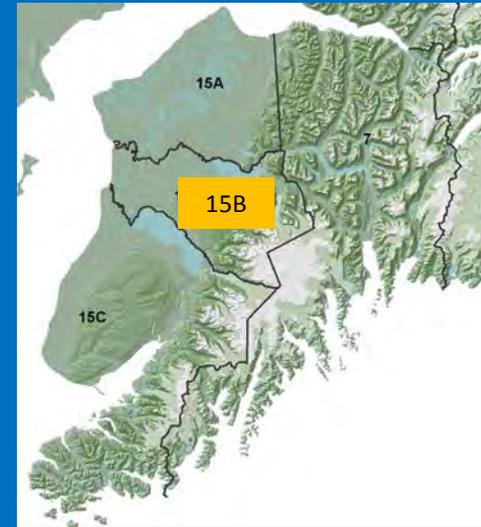


Unit 7 Composition and Harvest Data

	Bulls	Cows	Calves	Total	Bull:Cow	Calf:Cow
2010/11	19	133	19	171	14:100	14:100



GMU 15B



15B-West:

Maintain a bull-to-cow ratio of 15:100

Allow for maximum opportunity to participate in hunting

- Maintain the moose population at a level to promote public safety

15B-East:

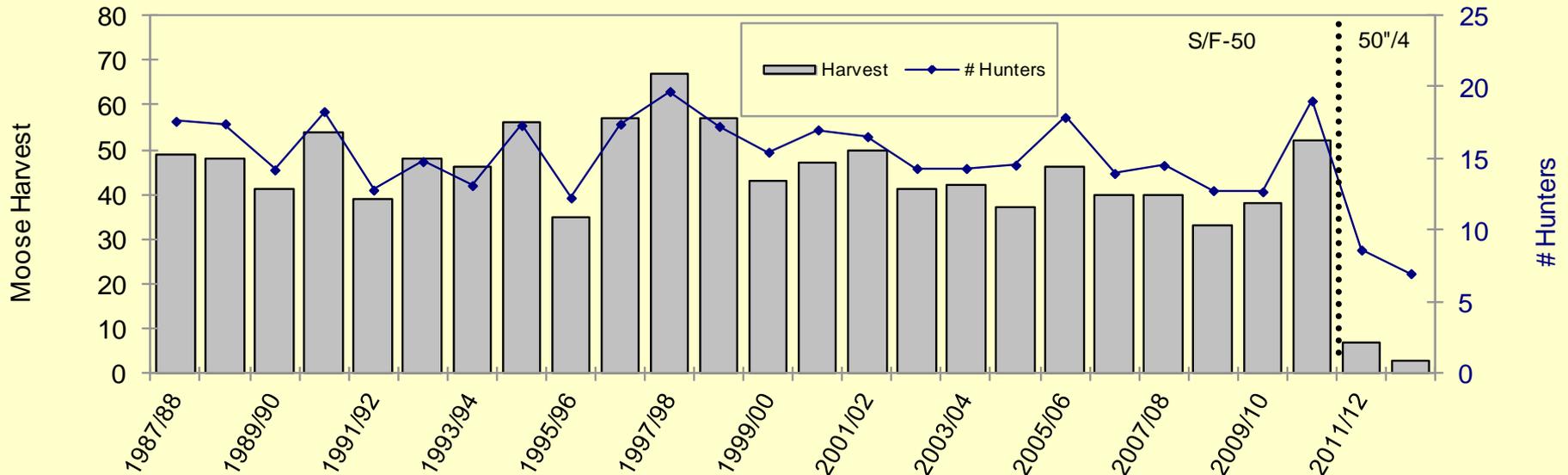
Maintain a bull-to-cow ratio of 40:100

Provide opportunities to harvest large-antlered bulls under aesthetically pleasing conditions

15B East Composition and Harvest Data

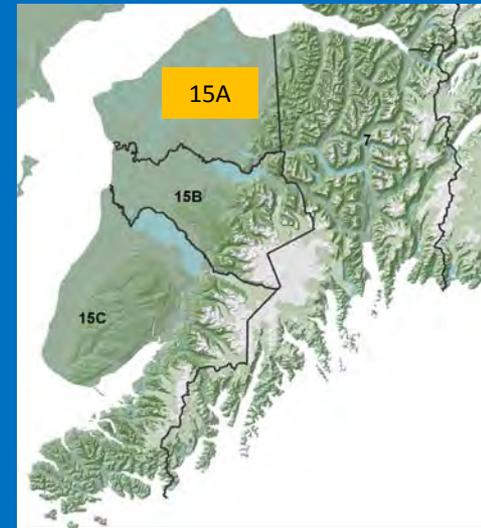
	Bulls	Cows	Calves	Total	Bull:Cow	Calf:Cow
1994	151	263	75	489	57:100	29:100
2009/10	67	147	15	229	46:100	10:100

General Season Moose Harvest and Hunter Numbers in GMU 15B (1987/88- 2012/13)



GMU 15A

- Maintain a healthy population of moose with a post hunting bull-to-cow ratio of at least 15:100 outside of SKLWMA
- Maintain the moose population at a level to promote public safety



Intensive Management

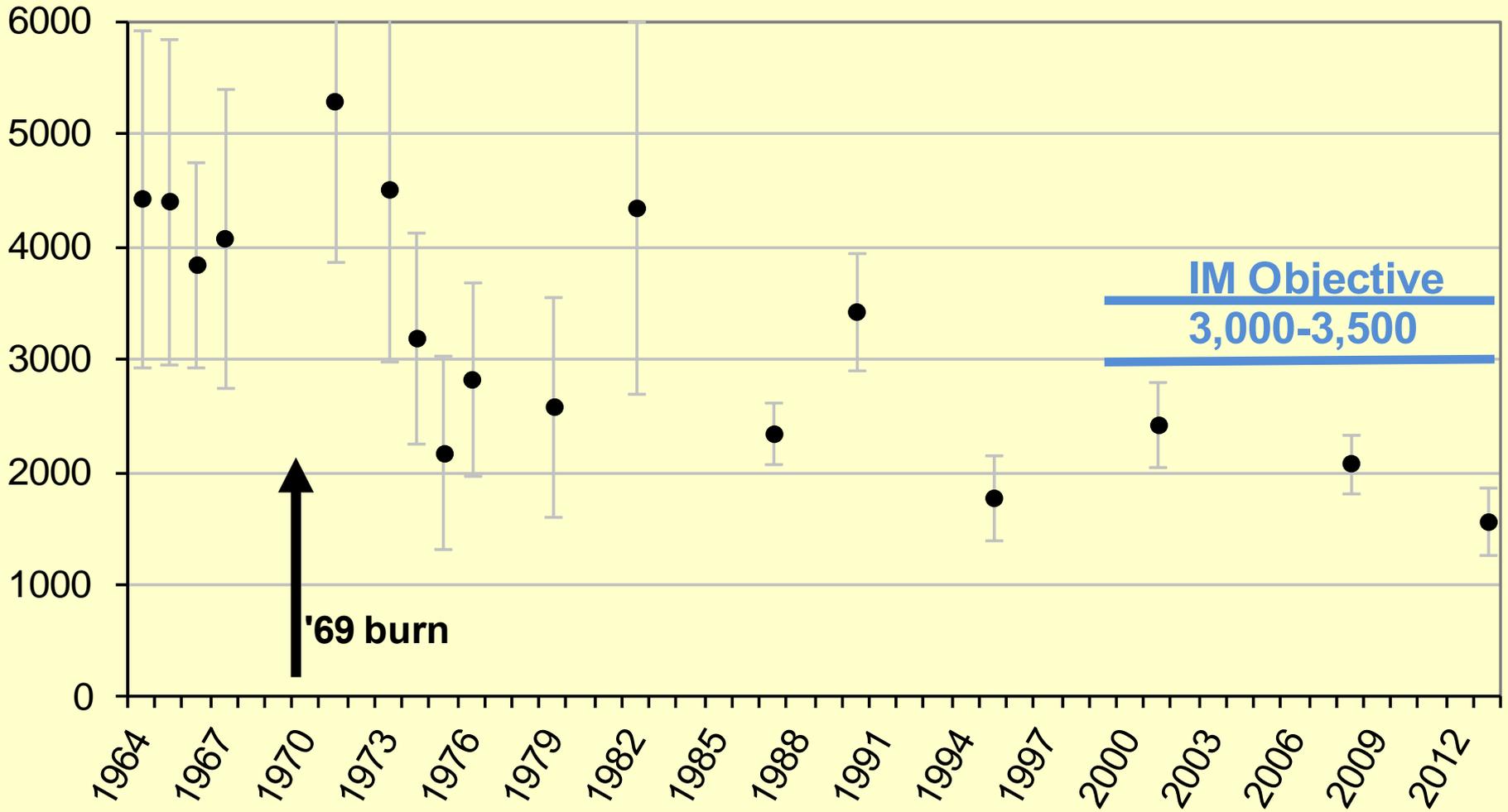
Pop. Objective: 3,000-3,500 moose

Harvest Objective: 180-350

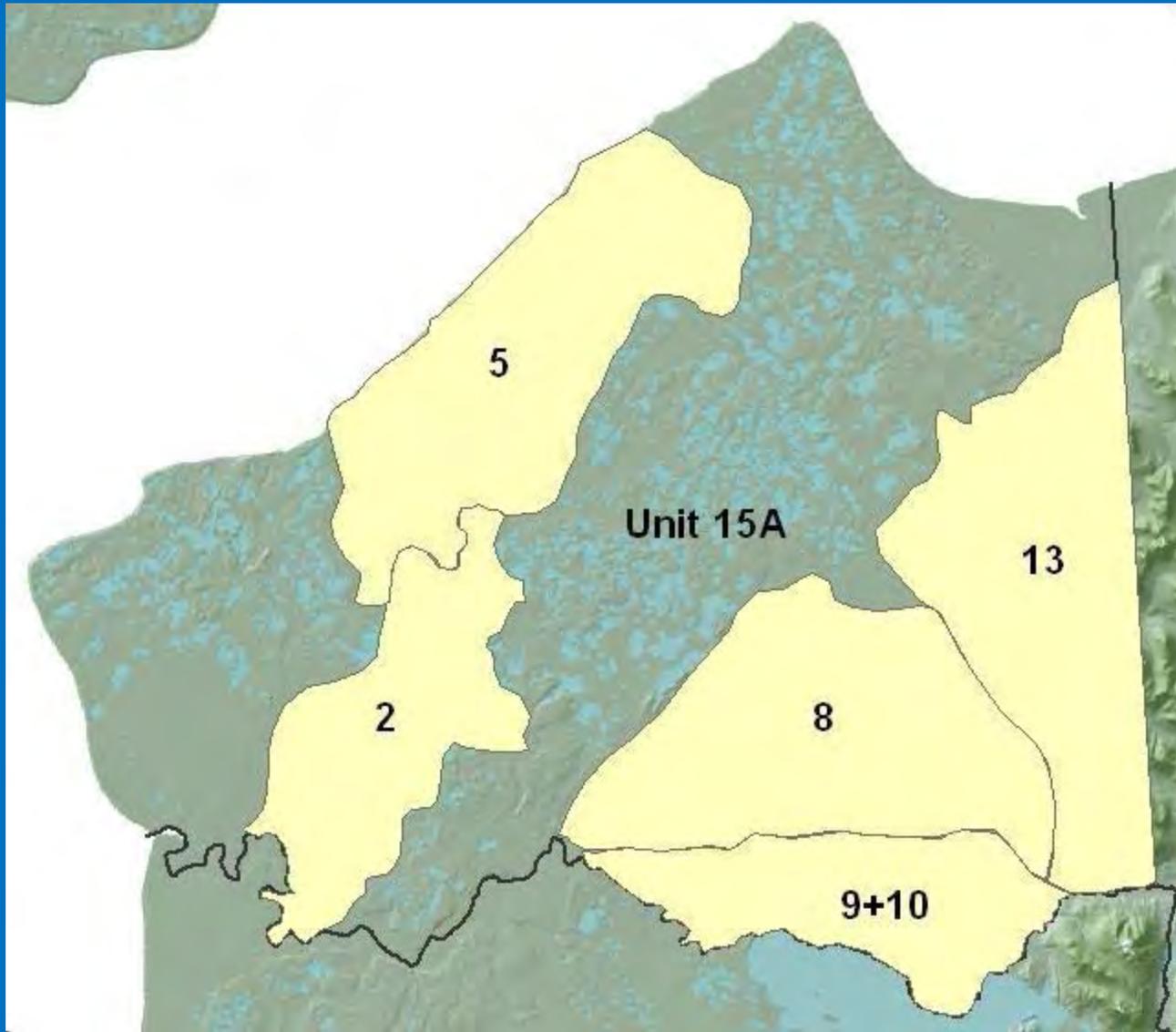
within SKLWMA:

- Provide opportunities to view moose in a natural setting throughout the year including their behavior and habitat
- Provide opportunities to harvest moose when a reduction in numbers is desirable to achieve other objectives
- Achieve and maintain the resident population at 130 animals or a density of 1.8 to 2.0 moose/mi²
- Resident moose in excess of 130 will be available for harvest
- Increase the bull-to-cow ratio to at least 40 bulls:100 cows

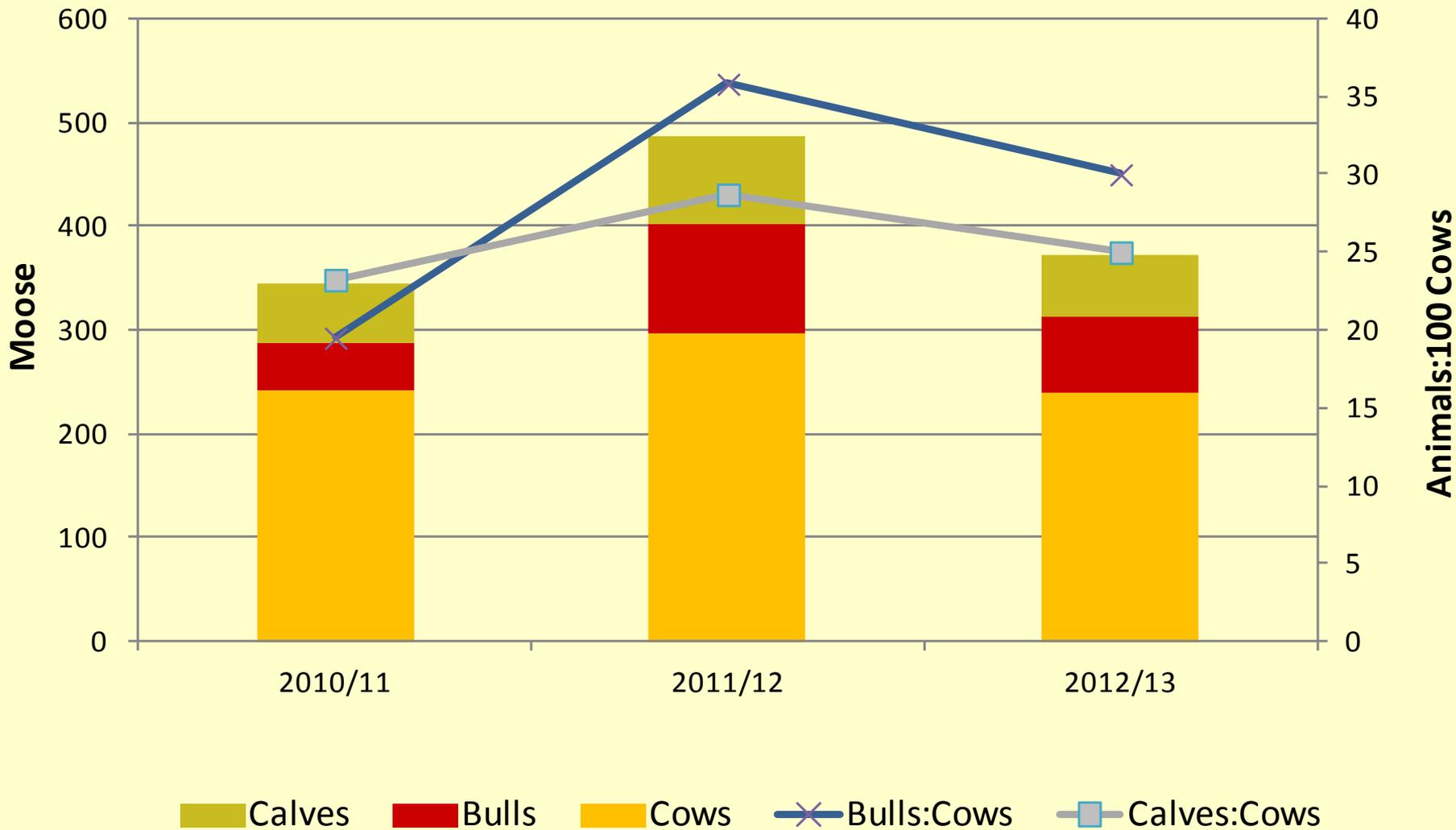
Unit 15A Moose Population Size Estimates



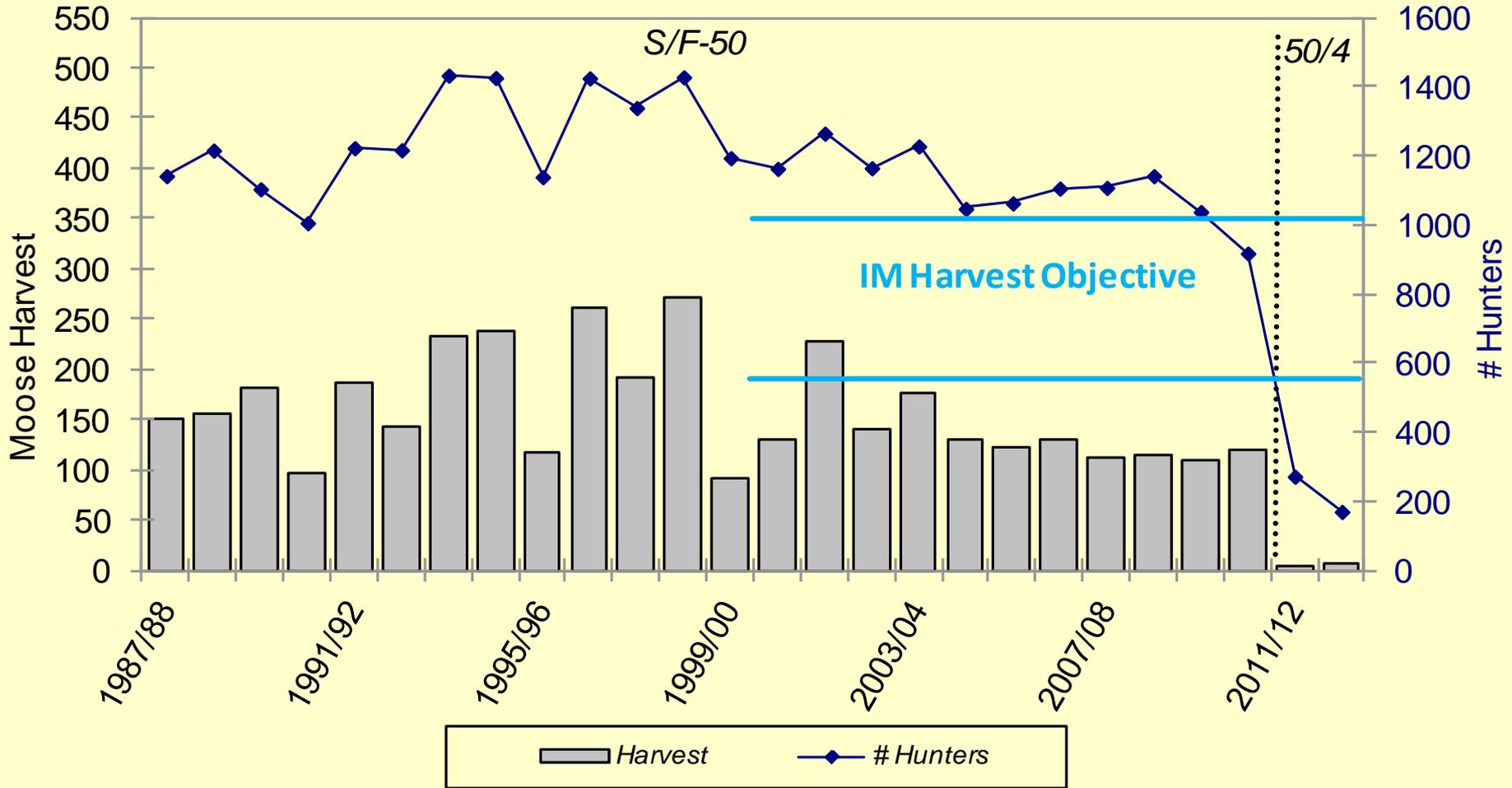
Unit 15A Count Areas



Moose Numbers in Count Areas 2,5,8,9,10,13 Unit 15A

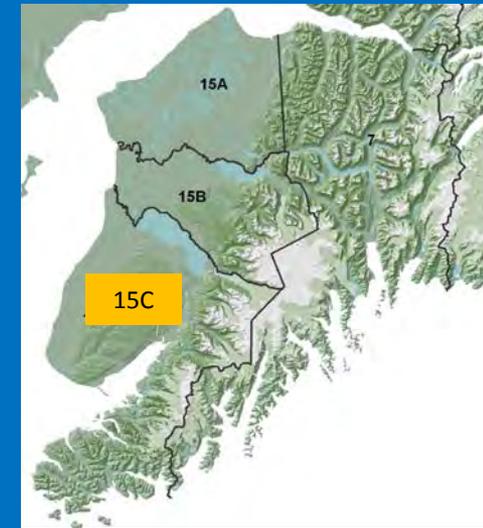


General Season Moose Harvest and # Hunters in GMU 15A 1987/88 - 2012/13



GMU 15C

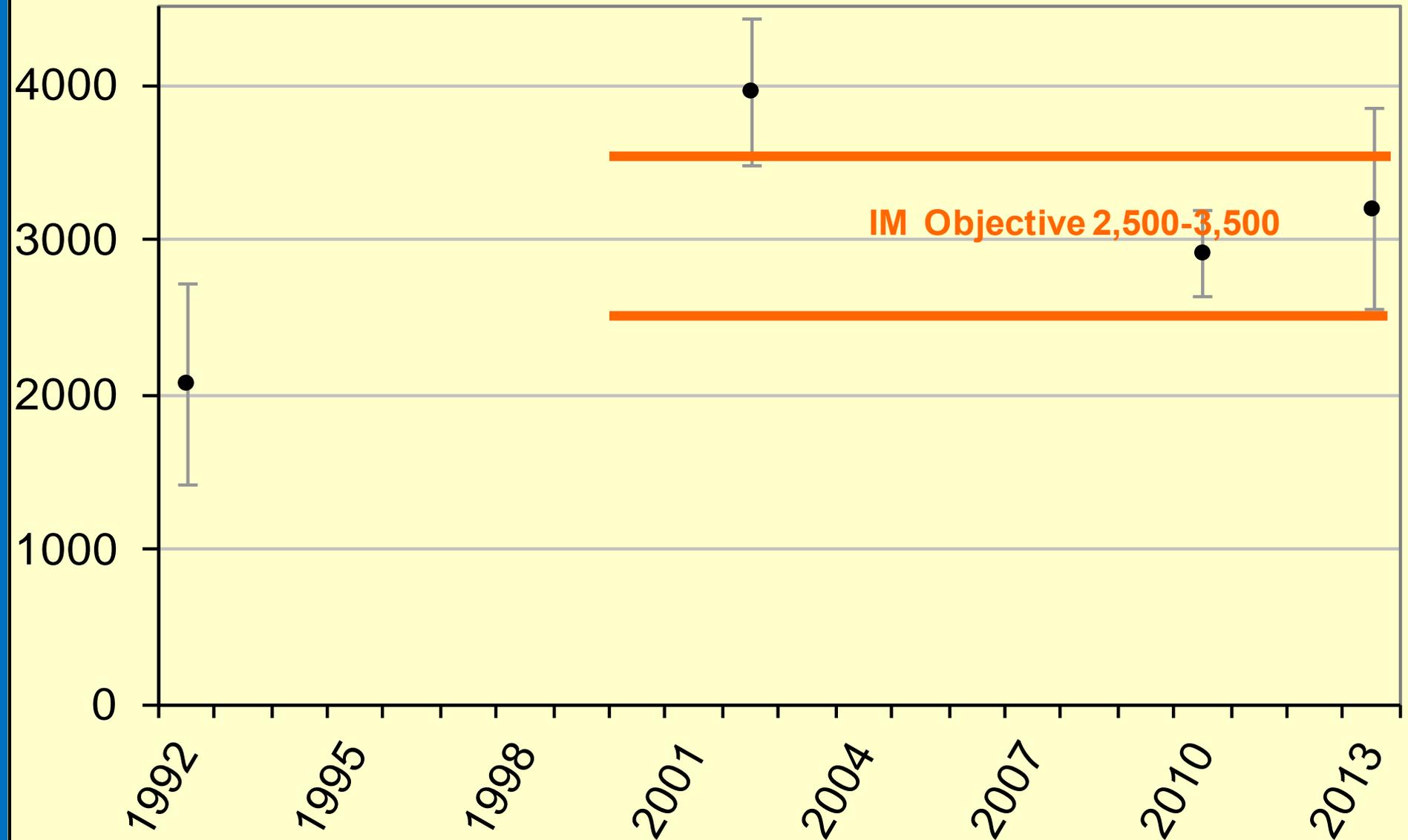
- Maintain a healthy and productive population with a minimum sex ratio of 15–20 bulls:100 cows
- Maintain the moose population at a level to promote public safety



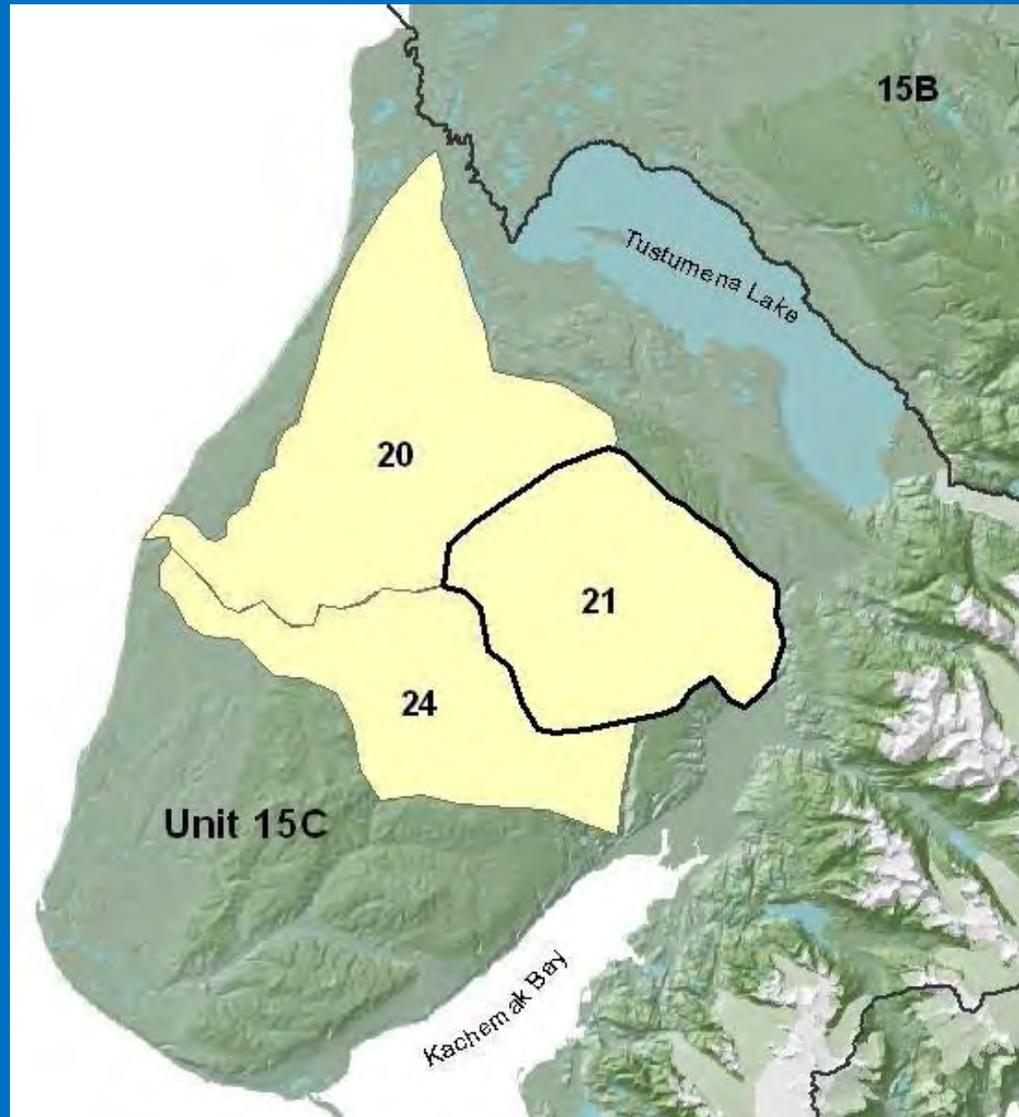
Intensive Management

- Pop. Objective: 2,500-3,500 (2.3-2.7 moose/mi²)
 - Harvest Objective: 200-350

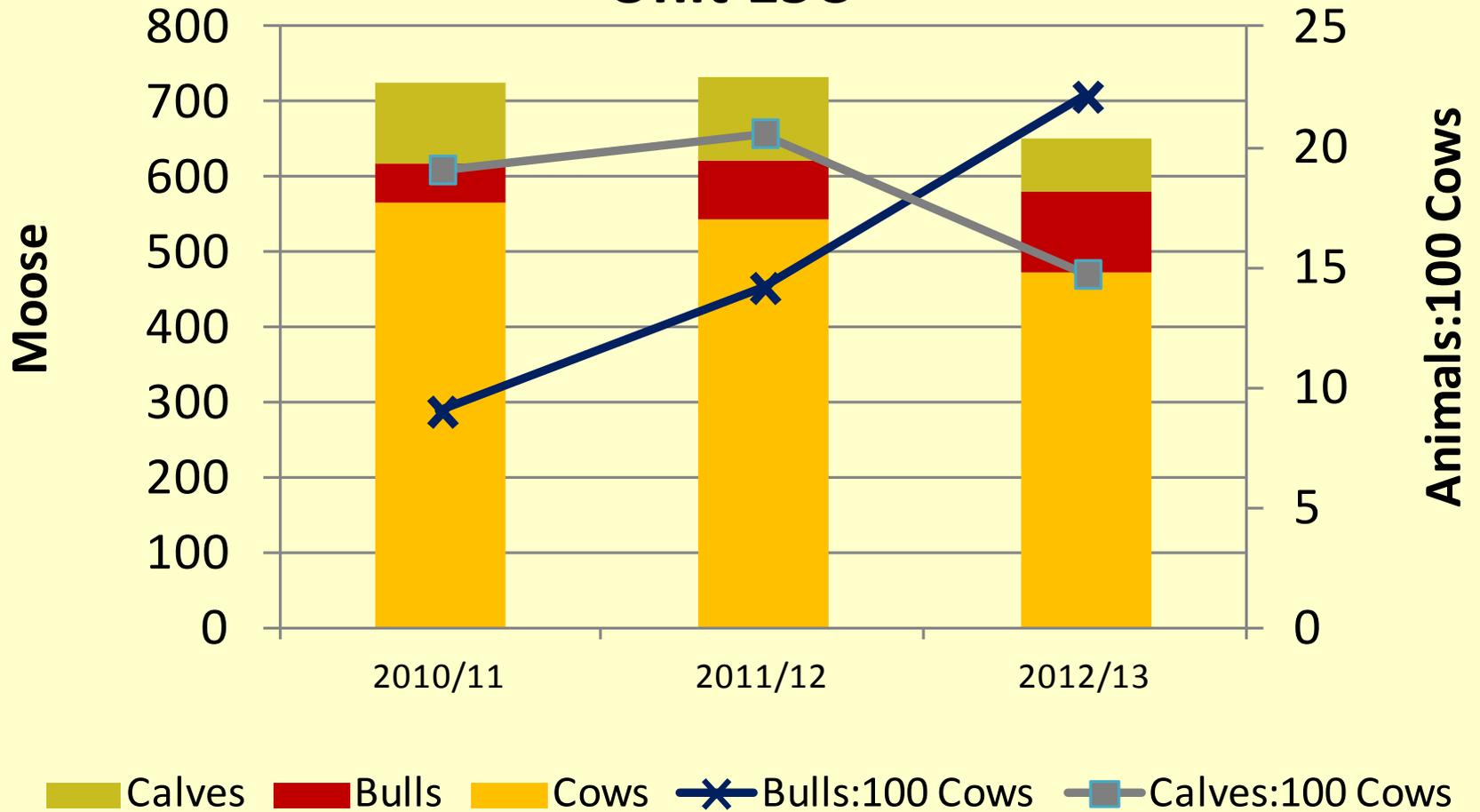
Unit 15C Moose Population Size Estimates



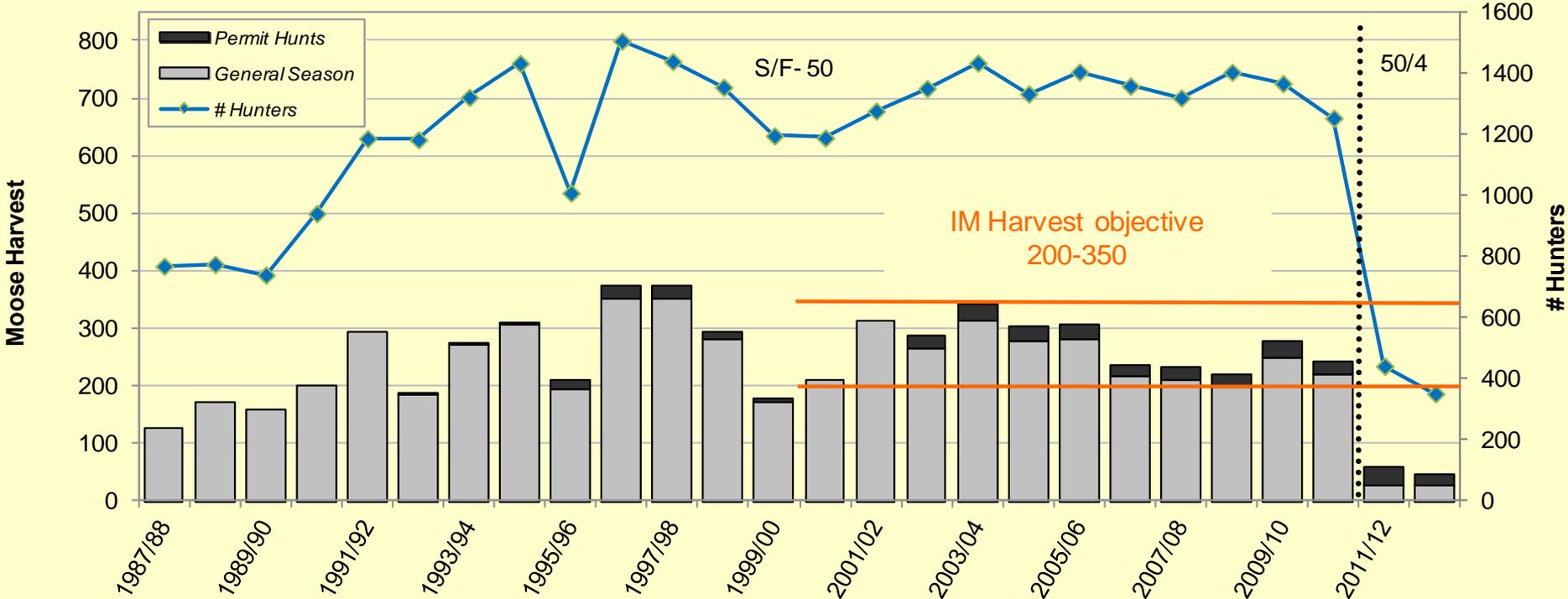
Unit 15C Count Areas



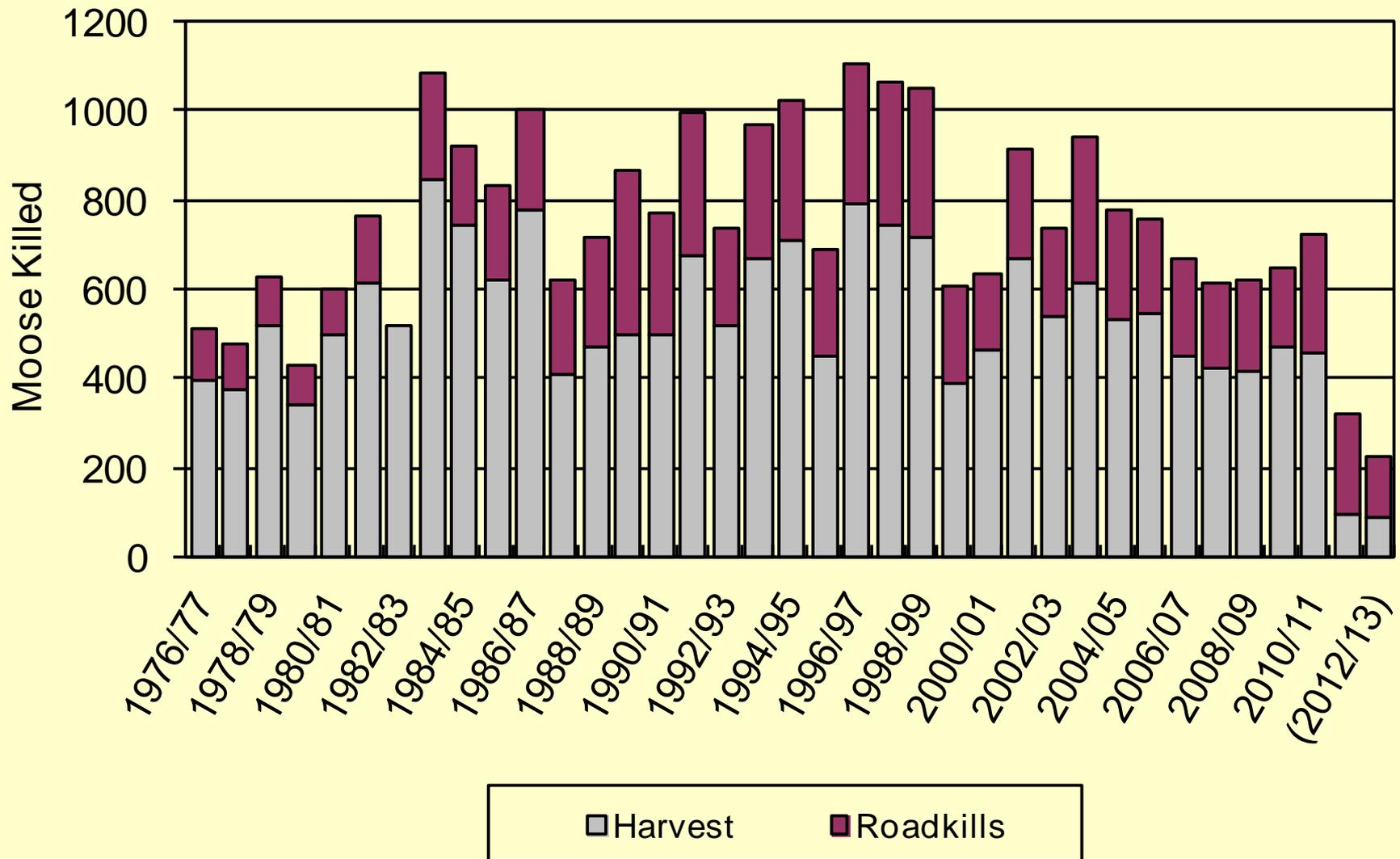
Moose Numbers in CA 20, 21, 24 Unit 15C



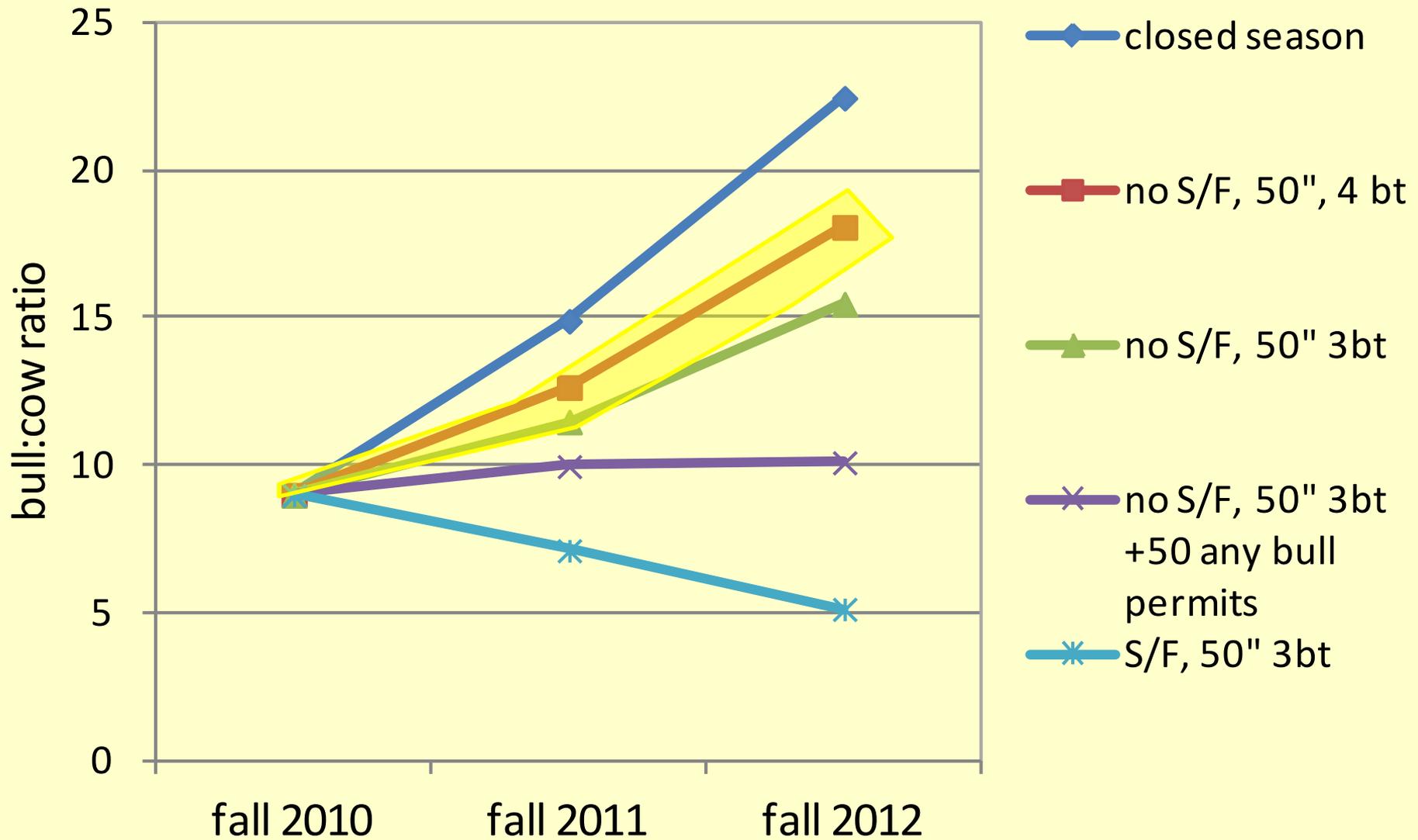
Moose Harvest in GMU 15C 1987/88 - 2012/13



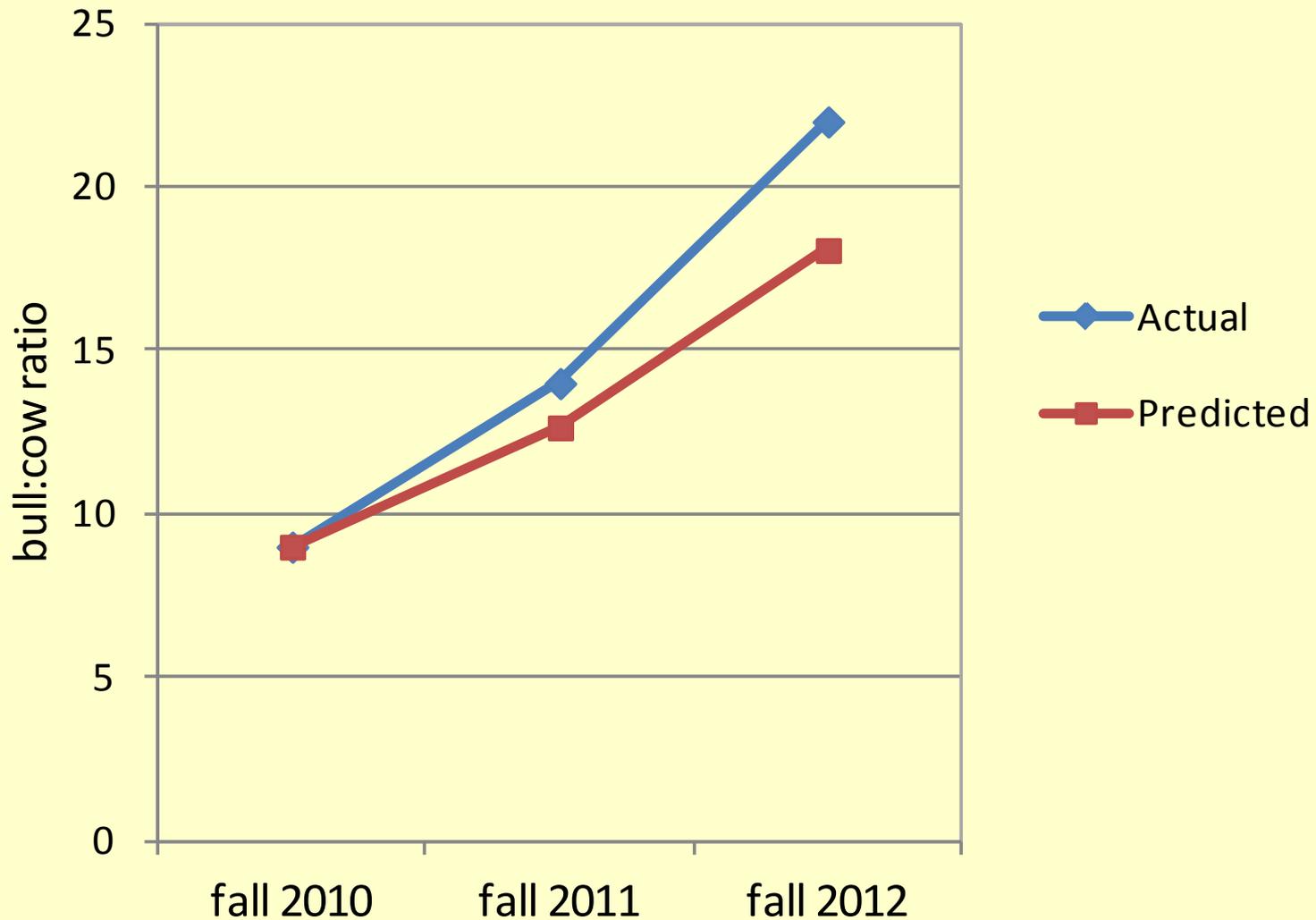
Total Reported Moose Mortality in GMUs 7 & 15 (1976/77 - 2012/13)



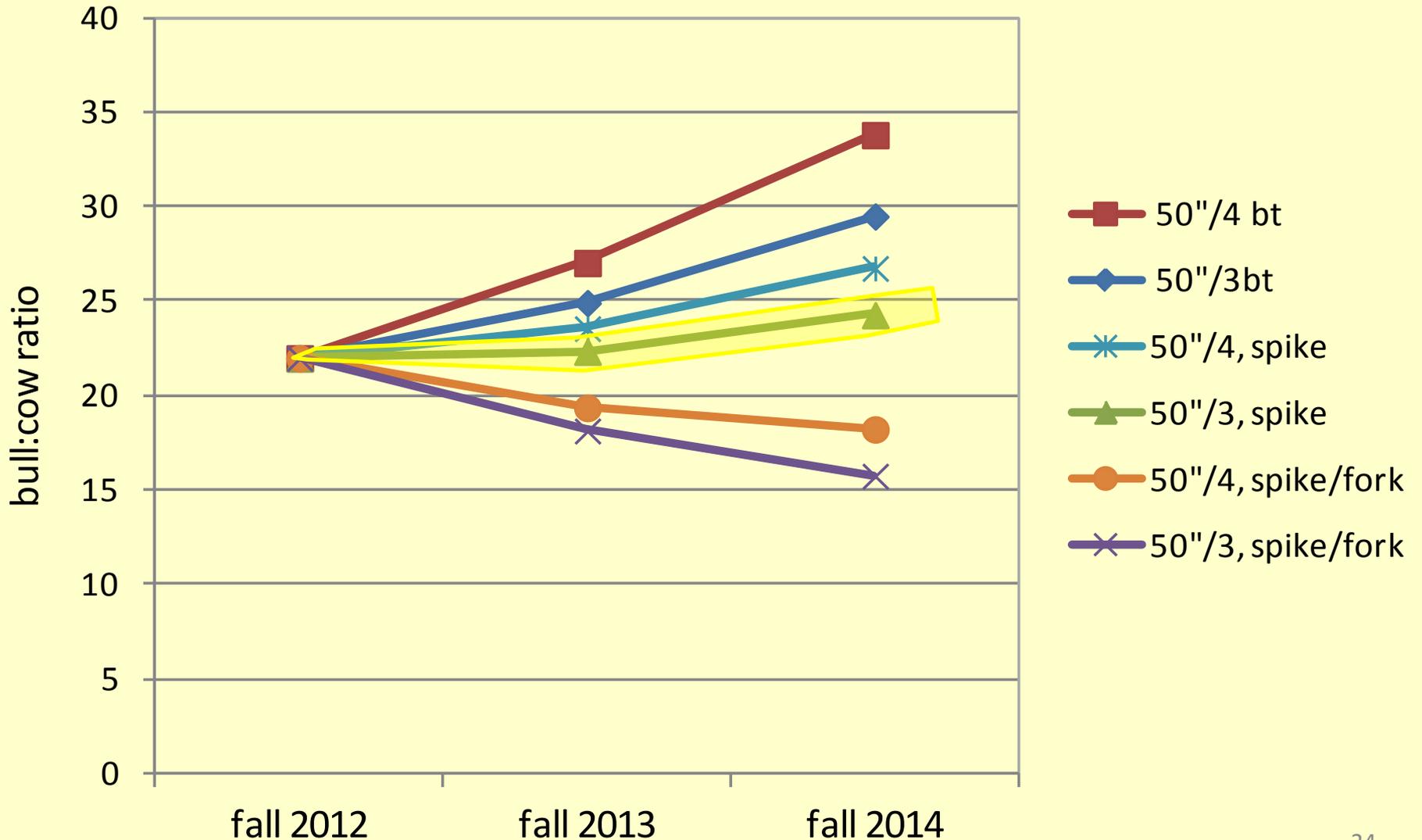
GMU 15C Harvest Strategies



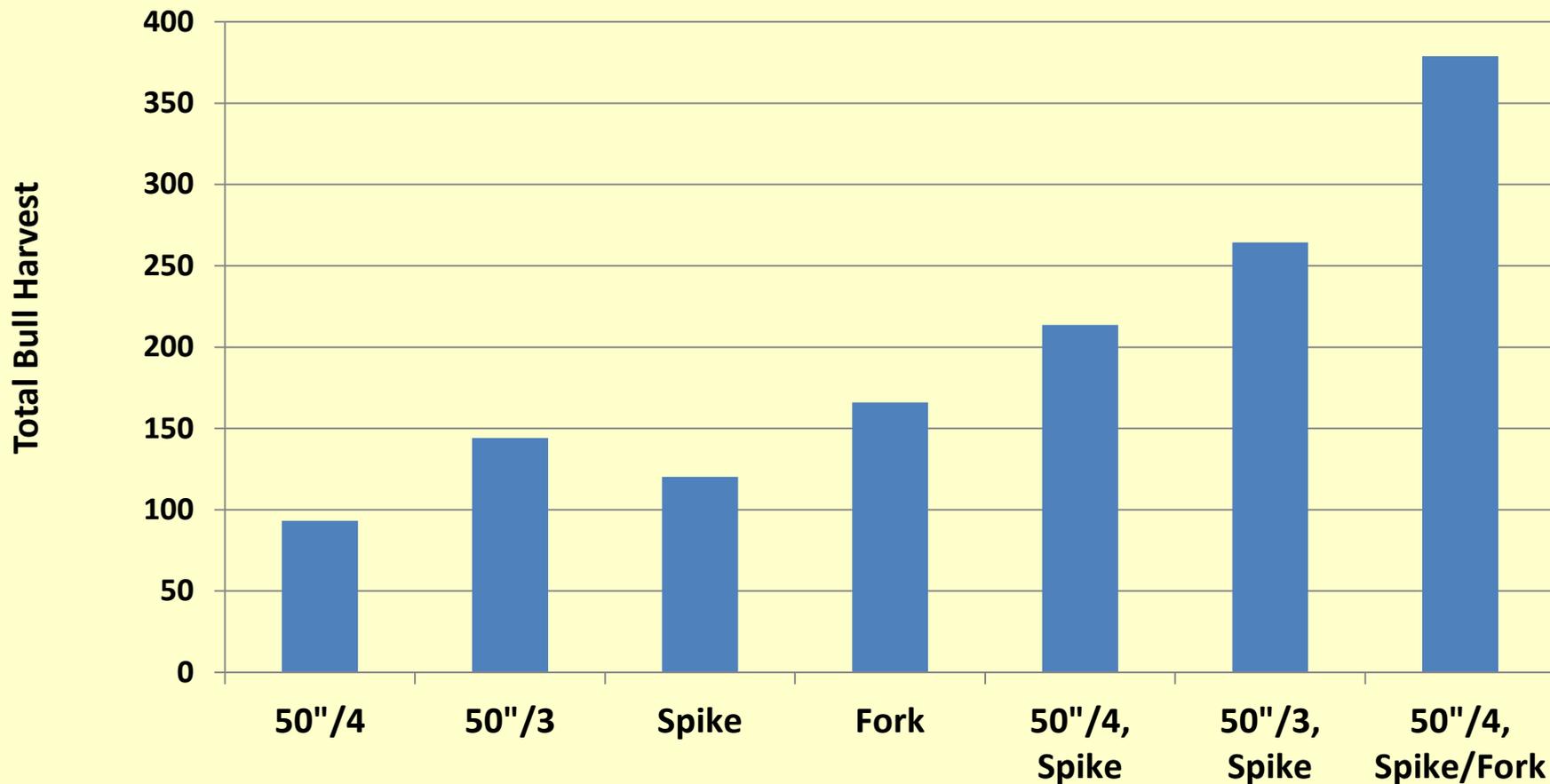
GMU 15C Actual vs. predicted bull:cow ratio



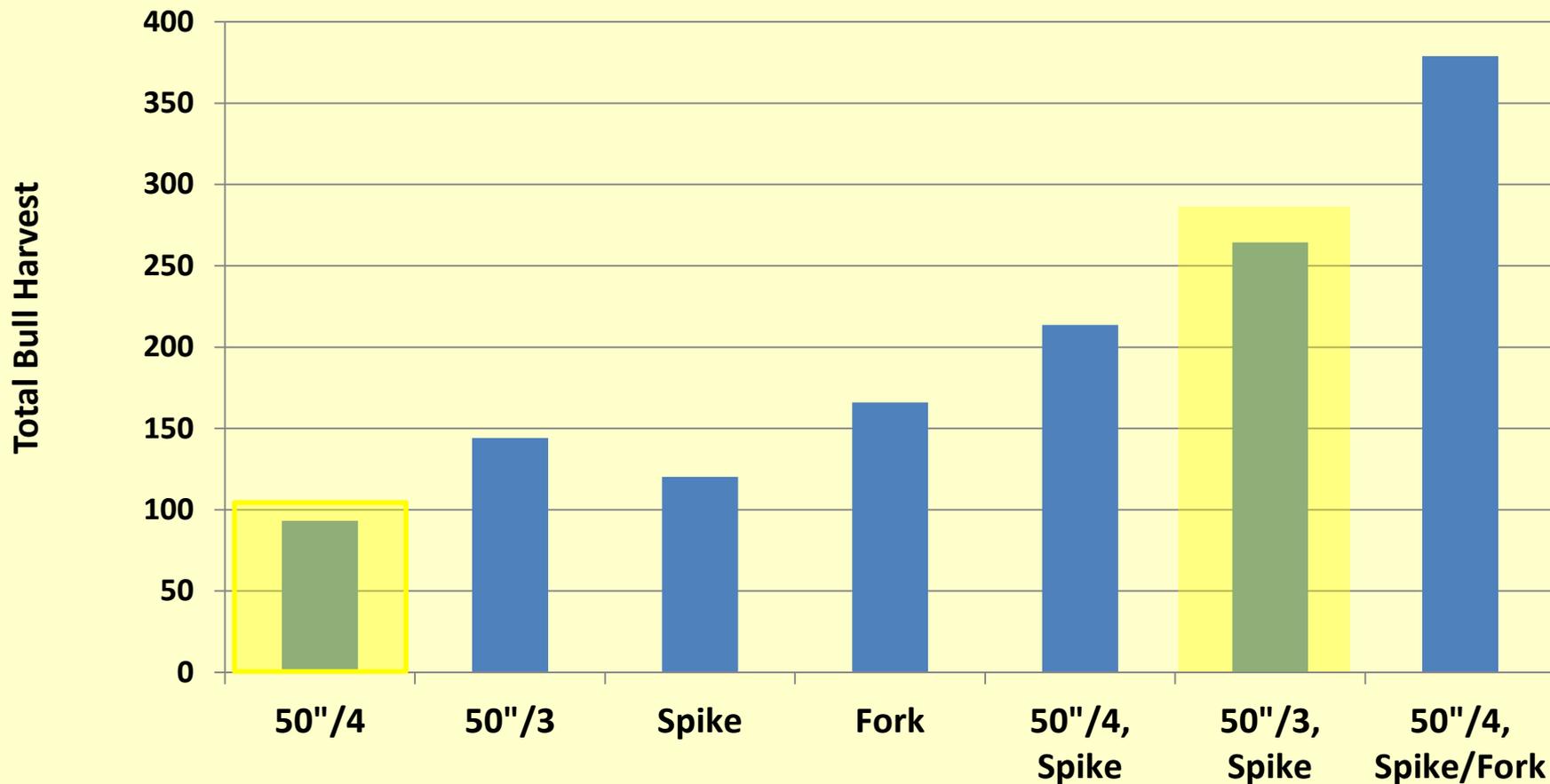
GMU 15C Harvest Strategies and predicted bull:cow ratios



Average Annual Bull Moose Harvest by Antler Category Category GMU 7&15 1998-2010



Average Annual Bull Moose Harvest by Antler Category Category GMU 7&15 1998-2010



Proposal Advisory Committee Vote 143

Homer

Passed as amended

Amend to add spike, season date Sept.1-20

Cooper Landing

Passed proposal

Kenai/Soldotna

No Action (see 144)

Central Peninsula

Failed (see 144)

Seward

Failed (see 144)

Seldovia

No Action (see 146)

Summary of Amendments

- 1) General season Sept. 1-20 (Antler Development)
- 2) Archery only season (15A and 15B West) from Aug. 22-29
- 3) Allow harvest of bulls with a 50 inch antler spread, or at least 3 brow tines, or a spike on at least one side during both seasons.
- 4) Retain the requirement to seal antlers from bull moose harvested in GMU's 7 and 15.

Proposal 144

Effect : Maintains current antler restrictions in Units 7 and 15 through the 2014 season.

Department position : Take No Action

Proposal Advisory Committee Vote 144

Homer	No Action
Cooper Landing	No Action
Kenai/Soldotna	Pass
Central Peninsula	Pass
Seward	Pass
Seldovia	No Action

Proposal 145

Effect :

- Modifies the bag limit for moose to allow for harvest of bulls with 50" or 4 brow tines on at least one side and spikes if the bull:cow ratio has increased, and asks for the closure to nonresident moose hunting.
- Asks for moose habitat enhancement through prescribed fire, crushing, or vegetation pruning
- Asks for the establishment of a brown bear registration hunt Sept. 1-30
- Increase predator control on wolves to reach proper management levels

Department position : Take No Action

Issue Actions

- Moose recommendations were presented in proposal 143
- Currently initiating habitat enhancement in Unit 15A
- We will address brown bears in proposal 153
- The Board passed an intensive management plan that allows aerial shooting of wolves in Units 15A and 15C, but the Department has not issued permits to date

Proposal Advisory Committee Vote 145

Homer	No Action
Cooper Landing	No Action
Kenai/Soldotna	No Action
Central Peninsula	No Action
Seward	No Action
Seldovia	No Action

Proposal 146

Effect :

Considers modifications to current season dates and bag limit for moose in Units 7 and 15

- More liberal general season
- Limited draw hunt for bulls
- Reinstate spike-fork 50" or 3 brow tines but eliminate spike-fork portion if bull:cow ratio falls below objectives for 2 consecutive years
- Change season dates
- Allow harvest of spike bulls
- Initiate draw hunt for cows in appropriate areas

Department position : Take No Action

Proposal Advisory Committee Vote 146

Homer	No Action
Cooper Landing	No Action
Kenai/Soldotna	No Action
Central Peninsula	No Action
Seward	No Action
Seldovia	Pass <small>amended remove early bow season Spike 50" 3 BT, Sept 1-20</small>

Proposal 147



Effect : Suspends aerial wolf control in Unit 15A and modifies the intensive management objectives

Concern : Current IM objectives are outside of biologically sustainable levels

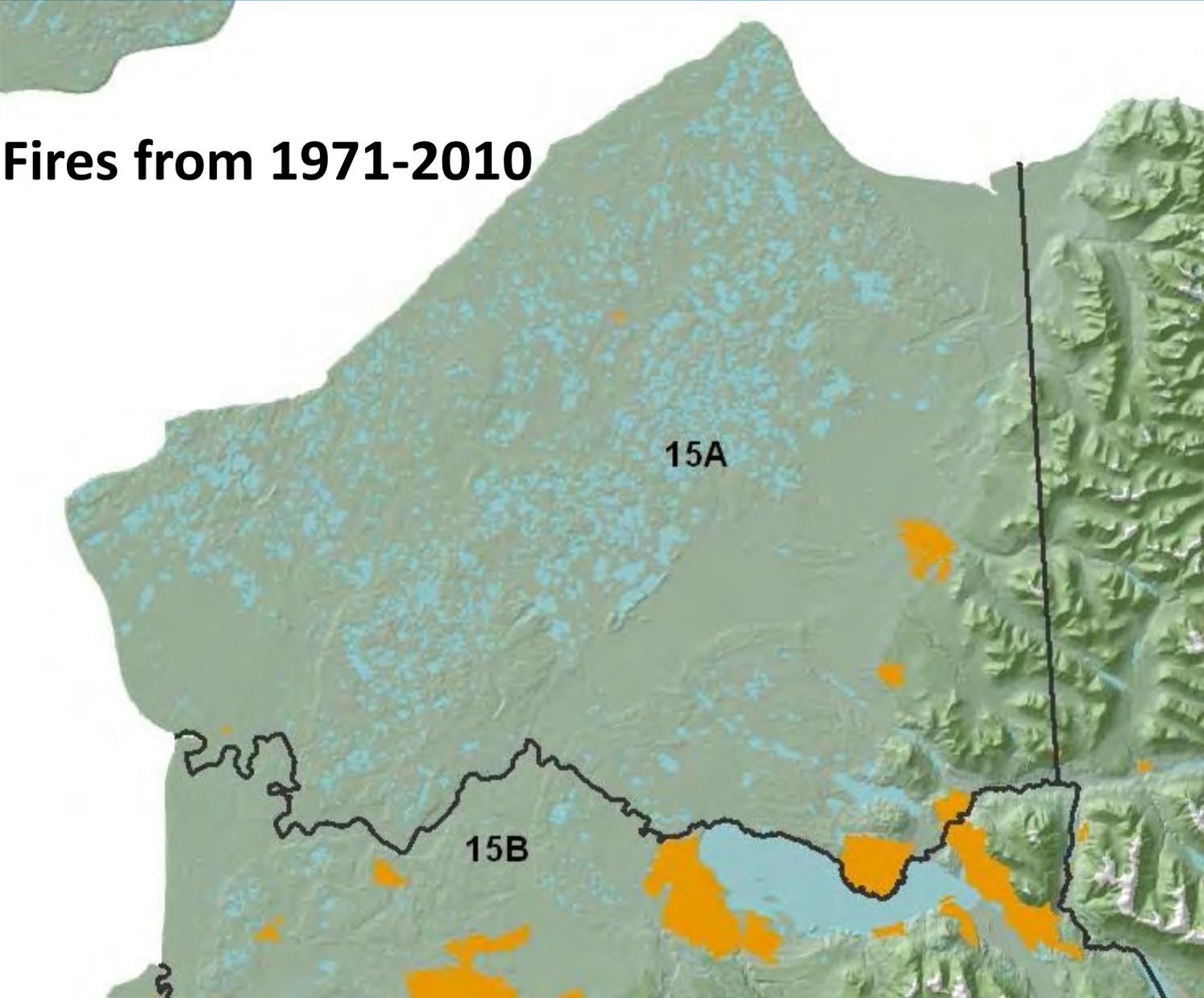
Department position : No Recommendation

Effects of Proposal 147

1. Decrease IM population objective from 3,000-3,500 (2.3-2.7 moose/mi²) to 2,000-2,900 for moose in Unit 15A
2. Adjust IM harvest objective from 180-350 to 120-290 moose for Unit 15A
3. suspension of aerial wolf control in Unit 15A

No Recommendation

Fires from 1971-2010



Loranger et al. 1991

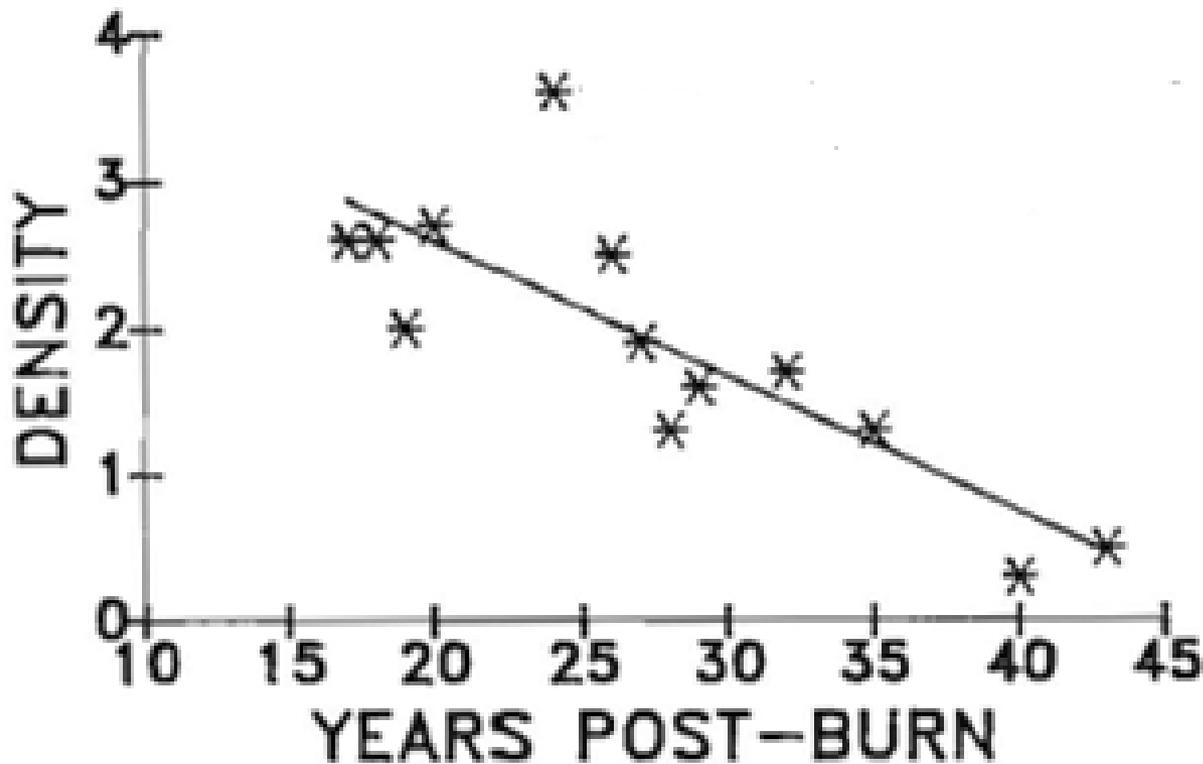
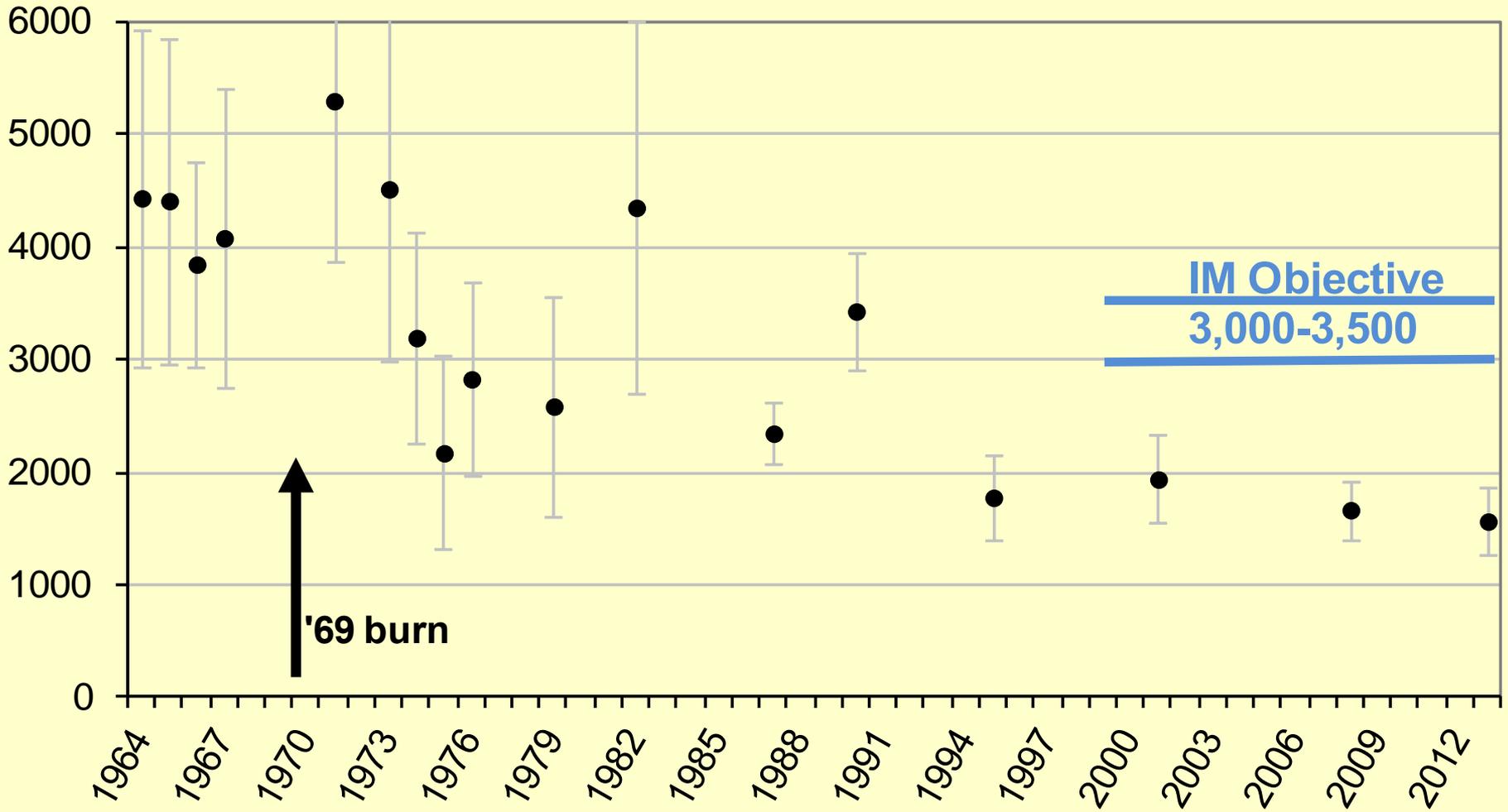
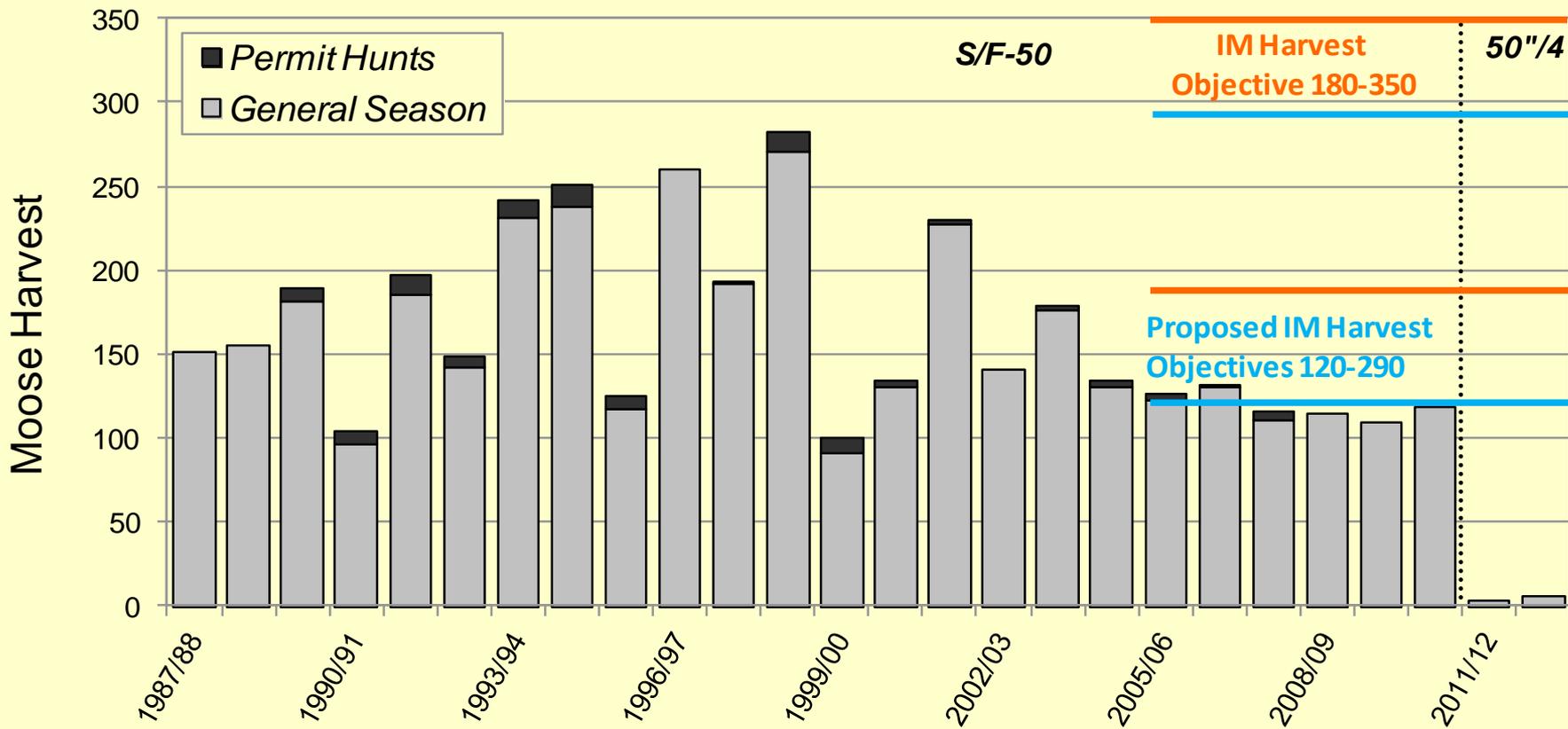


Fig. 2. Relationship between moose density (moose/km²) during winter and forest age in the 1947 burn, 1964-1990.

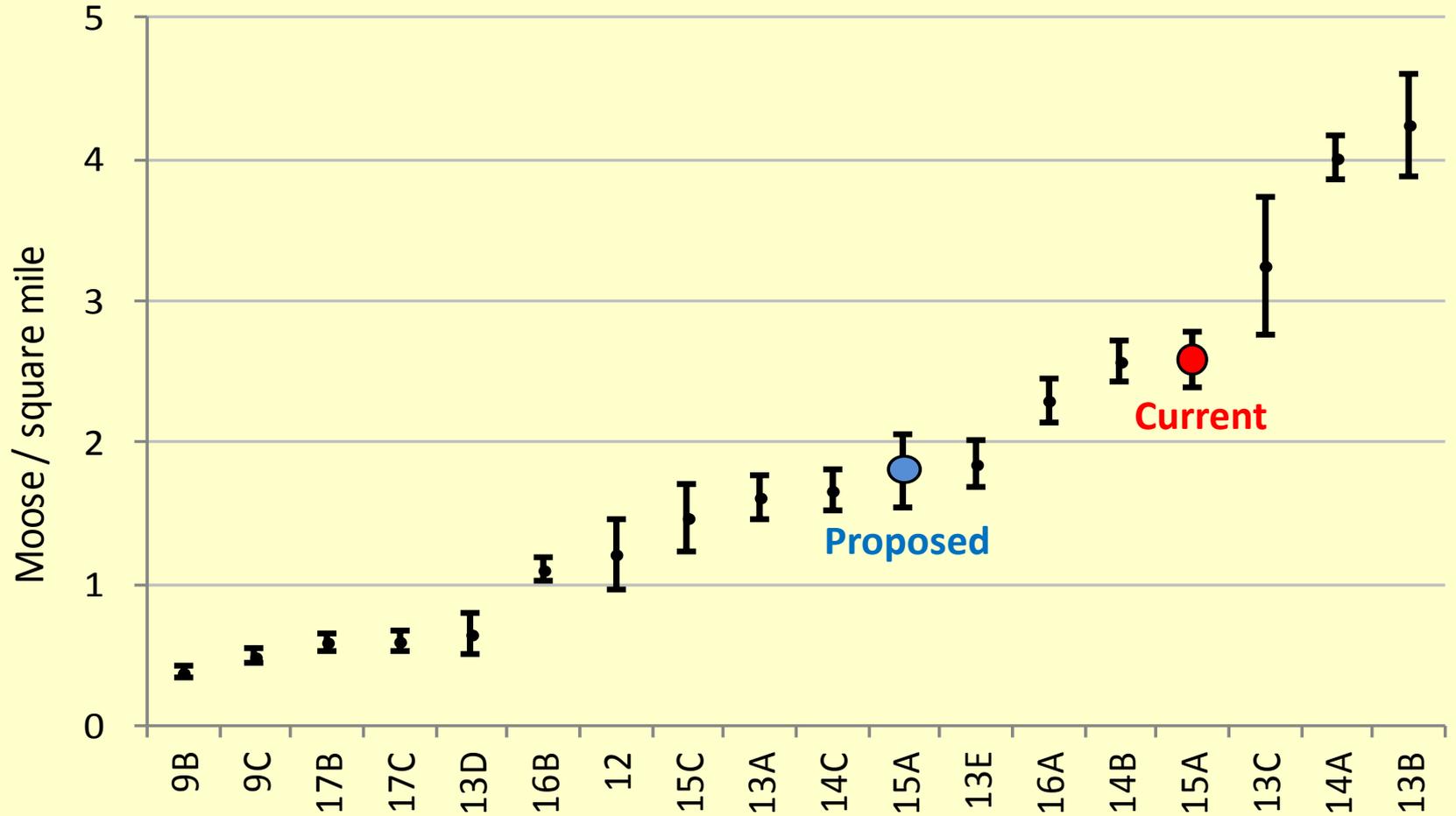
Unit 15A Moose Population Size Estimates



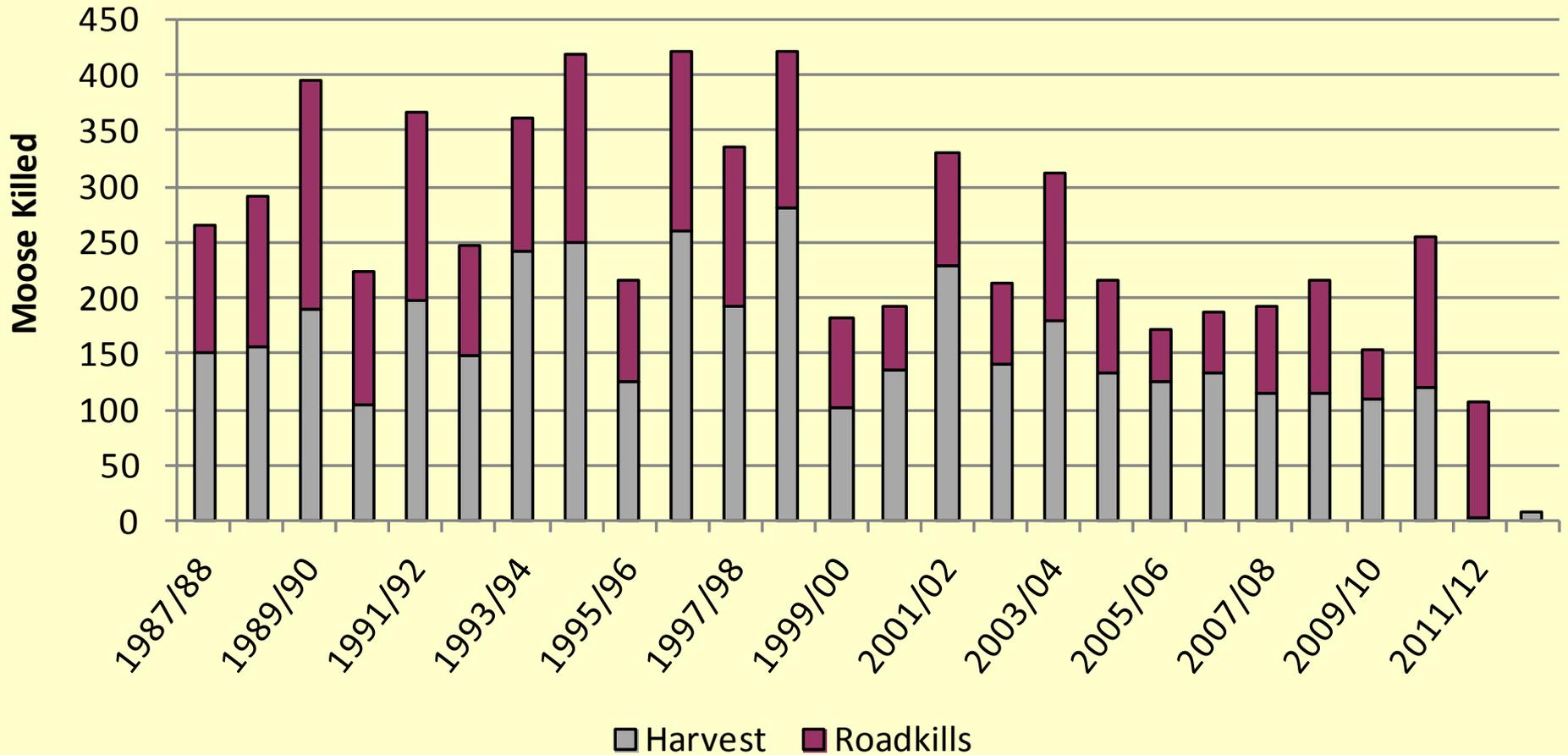
Moose Harvest in GMU 15A 1987/88 - 2012/13



IM objectives across southcentral AK



Total Reported Moose Mortality in GMU 15A (1987/88 - 2012/13)



Proposal Advisory Committee Vote 147

Homer	Pass
Cooper Landing	Pass
Kenai/Soldotna	Fail (4-5-0)
Central Peninsula	Fail
Seward	Fail
Seldovia	Fail

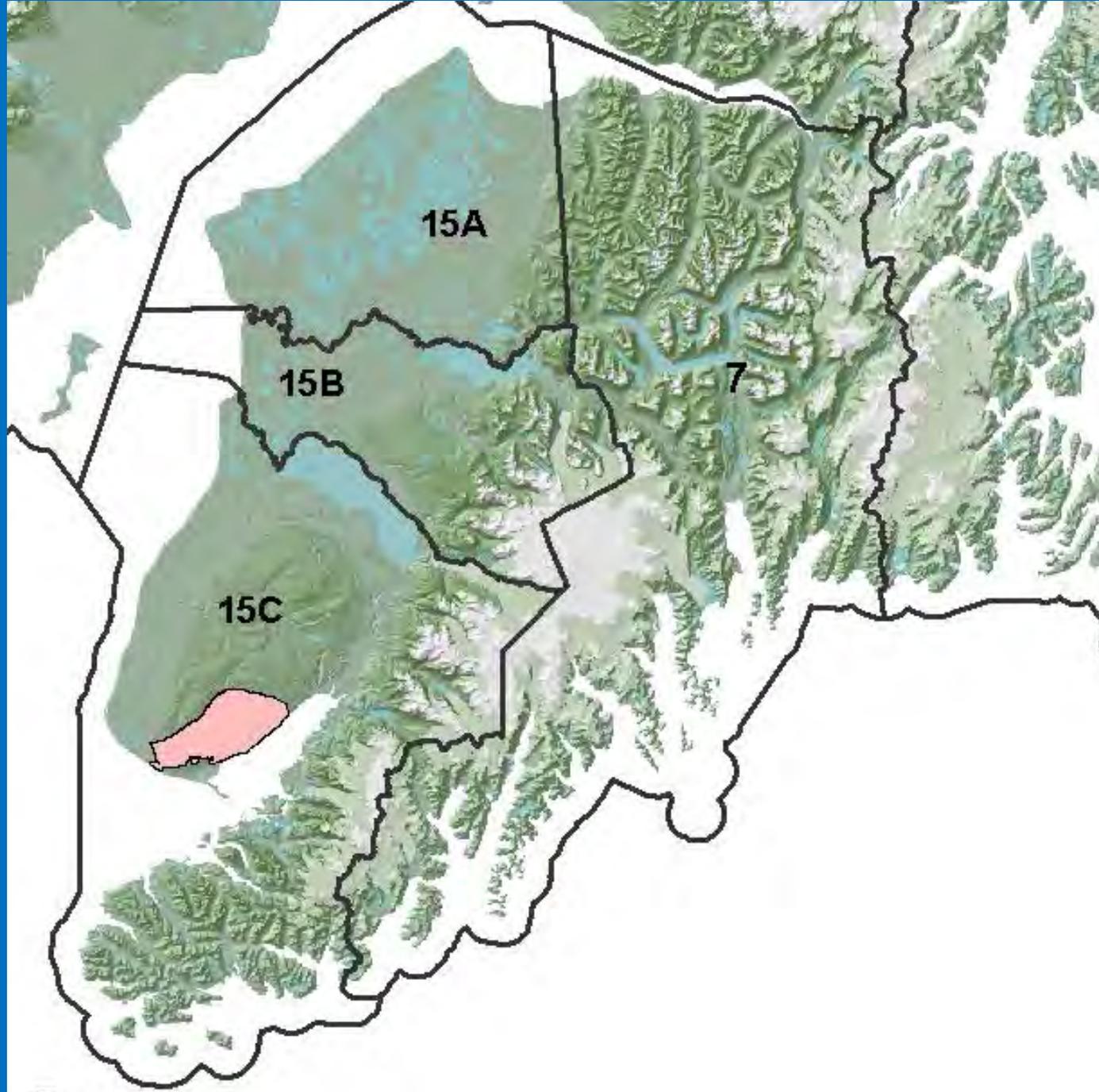
Proposal 148



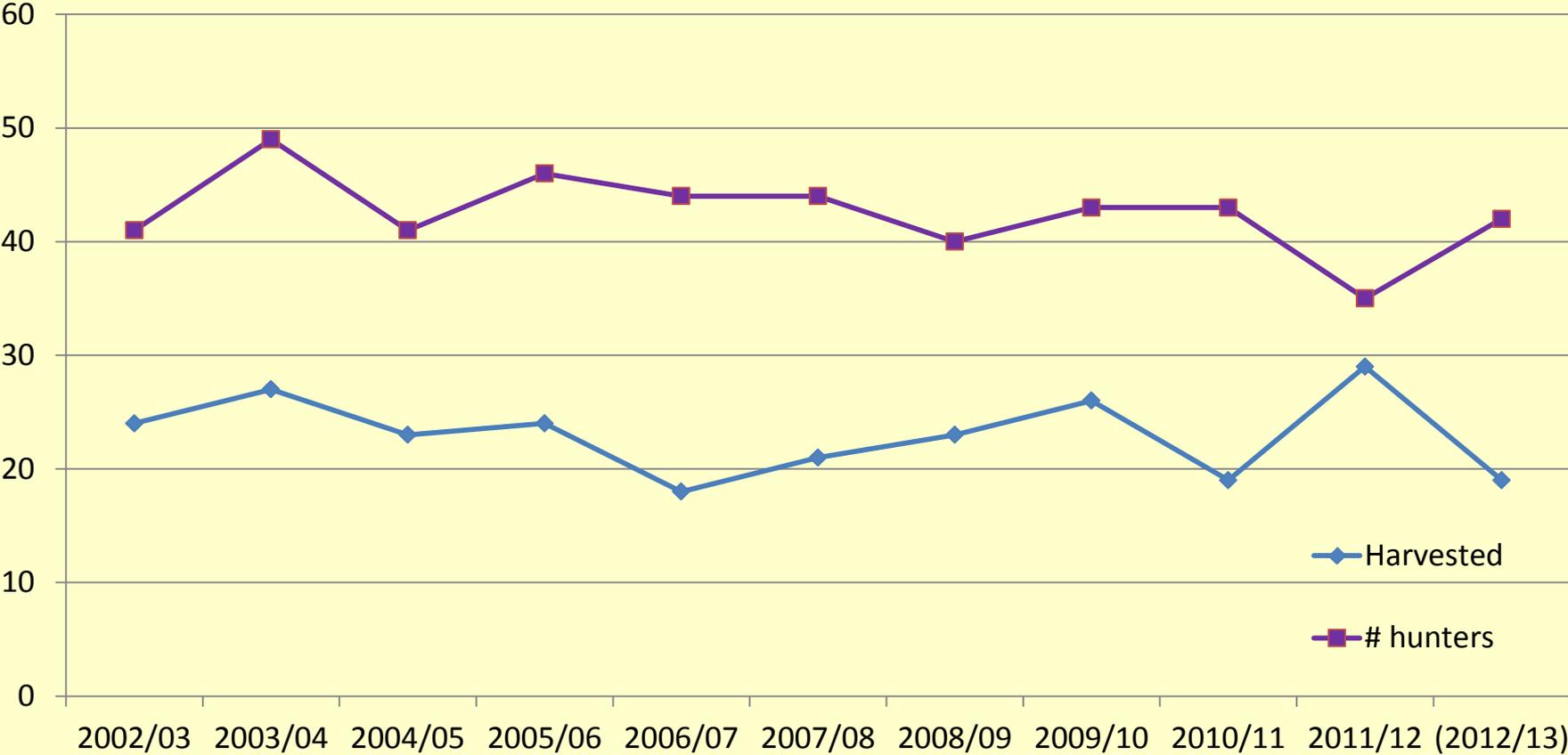
Effect : Reauthorizes the antlerless moose hunt for the Homer bench area of Unit 15C

Concern : The antlerless moose season requires annual reauthorization.

Department position : Adopt



Homer Bench Cow Moose Harvest



Proposal Advisory Committee Vote 148

Homer	Pass
Seldovia	Pass
Central Peninsula	Fail
Kenai/Soldotna	Pass

Proposal 149

Effect : allows for additional antlerless moose harvest in Unit 15C

Department position : Take No Action

Proposal Advisory Committee Vote 149

Homer

Pass

Seldovia

No Action

Central Peninsula

No Action

Cooper Landing

No Action

Kenai/Soldotna

No Action

Seward

No Action

Proposal 150



Effect : Allow the use of motorized vehicles to retrieve meat in the Lower Kenai Controlled Use Area in Unit 15C between 10:00 A.M. and 3:00 P.M. or during the dark of night

Concern : Age discrimination and meat spoilage

Department position : No Recommendation

Lower Kenai Controlled Use Area



- Established: 1985
- Purpose: increase bull:cow ratio
- Various amendments

Area closed to motorized vehicles use for moose hunting (except aircraft/boat) Sept. 11-14 and Sept. 17-20

Proposal Advisory Committee Vote 150

Homer

Fail

Central Peninsula

Fail

Kenai/Soldotna

Fail

Seldovia

No Action

Cooper Landing

No Action

Seward

No Action

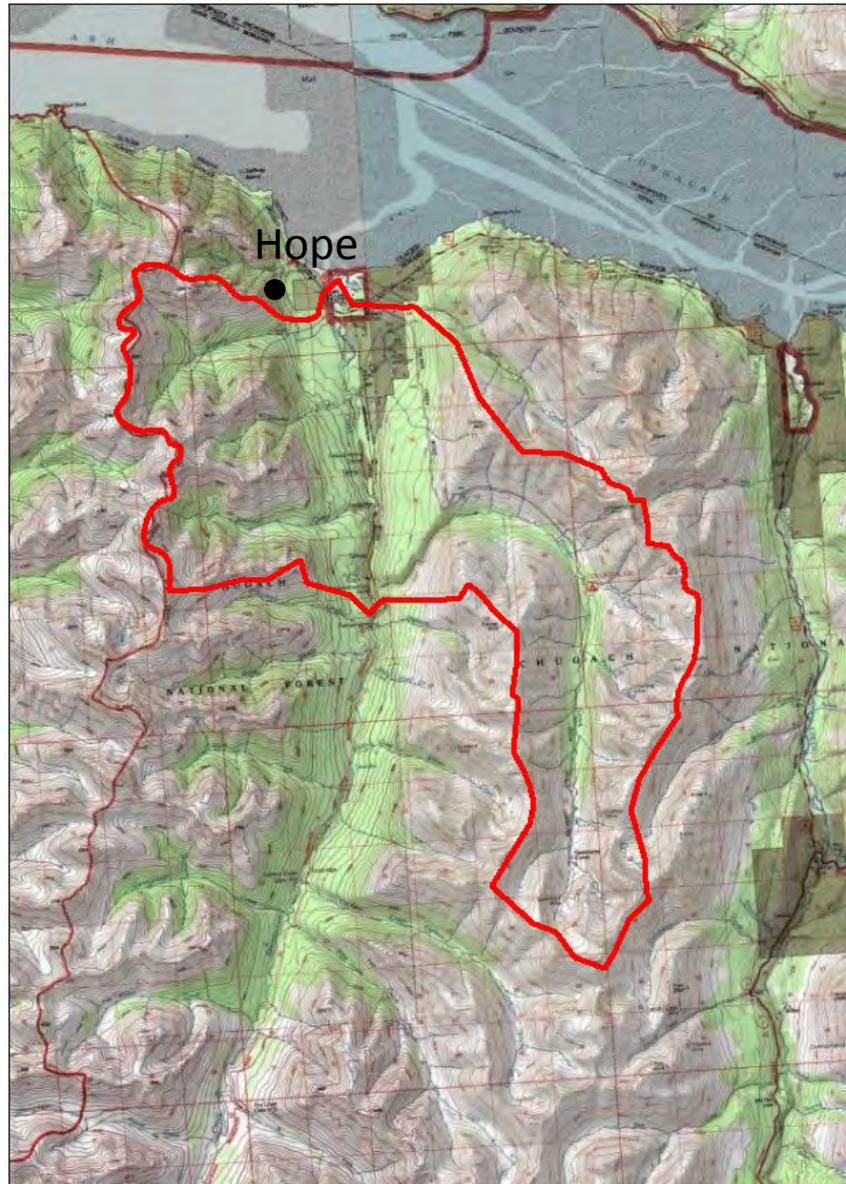
Proposal 151

Effect : Reinstates the Resurrection Creek Closed Area (RCCA)

Concern : User group conflicts

Department position : No Recommendation

Resurrection Creek Closed Area



Approximately 48 mi²

Resurrection Creek Closed Area (RCCA)

- Established in 1980 due to local concerns about the “combined effects of wolf predation and hunting on moose”
- There have been many proposals to eliminate the RCCA
- RCCA was eliminated by the Board in 2011
- No biological justifications exist for the closed area, this is an allocative issue

Moose Hunting In Proposed Closed Area

	# Hunters	AK Residents	Local Residents	% Hunters Local	Moose Harvested	Illegal Moose
2011	26	24	8	31%	2	0
2012	11	11	4	37%	0	1

Proposal Advisory Committee Vote 151

Seward	Pass
Central Peninsula	Pass
Cooper Landing	Pass
Kenai/Soldotna	Failed
Homer	No Action
Seldovia	No Action

Proposal 152



Effect : Eliminates the regulation reference to drawing hunts for brown bears in Units 7 and 15, housekeeping proposal to address previous changes by board

Department position : Adopt

Proposal Advisory Committee Vote 152

Central Peninsula

Pass

Seward

Pass

Cooper Landing

No Action

Seldovia

No Action

Kenai/Soldotna

Pass

Homer

No Action

Proposal 153

Effect : Modifies the season dates to April 1-May 31, Sept. 1 – Nov. 1, and changes bag limit to 1 bear every year in Units 15A and 15C

Concern : Current high brown bear numbers on the peninsula with limited opportunities for harvest and a struggling moose population with low calf survival.

Department position : Amend and Adopt

Amendments

1. Registration season (April 1-May 31, Sept. 15-Nov. 30) in Western portion of Unit 15 and in defined area around Seward and Moose Pass in Unit 7.
2. Remainder of 7 and 15 drawing permit hunt (Sept. 1 – Nov. 30). Up to 100 permits, do not exceed 3 year average of 10 adult females
3. Retain bag limit of 1 bear every 4 regulatory years for both hunt types

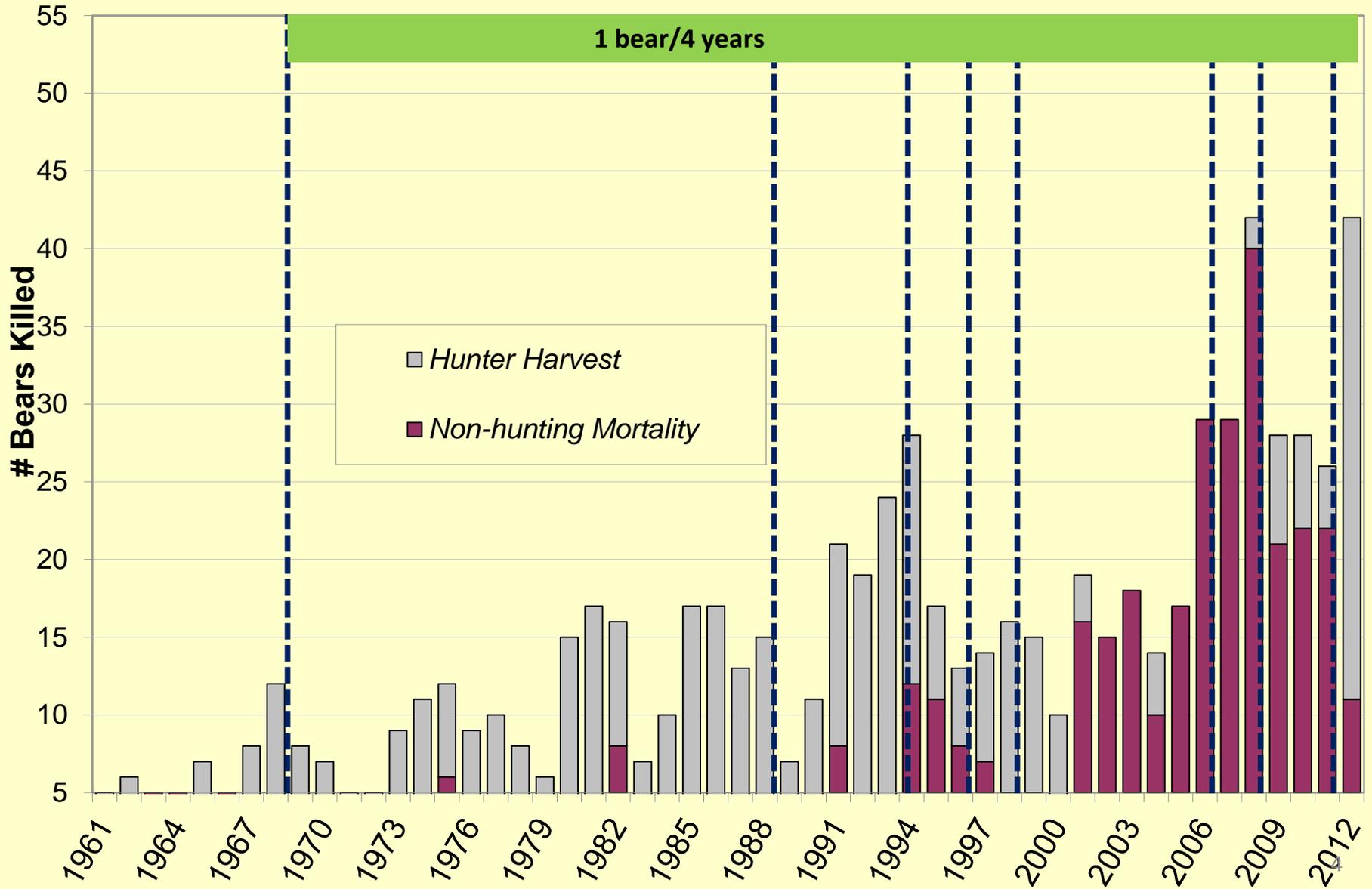
Current Management Objectives:

- Do not exceed 10 human-caused adult female brown bear mortalities. Based on the most recent 3 year running average

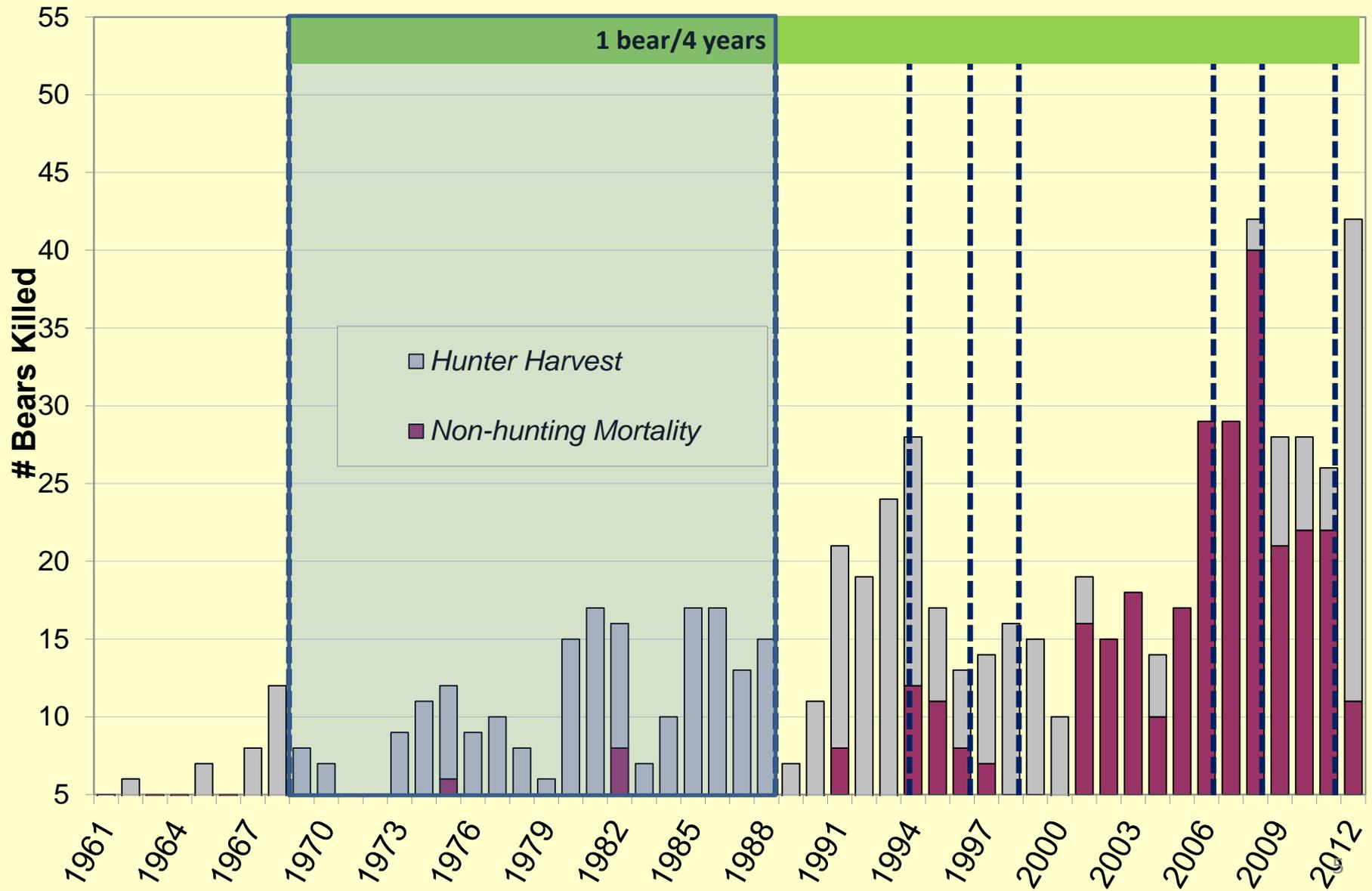
Planned Management Objectives Starting in 2013:

- Maintain a healthy viable population of brown bears for multiple uses
- Reduce brown bear numbers around communities to minimize human bear conflicts
- Maintain trophy brown bear hunting opportunities on the Kenai Peninsula

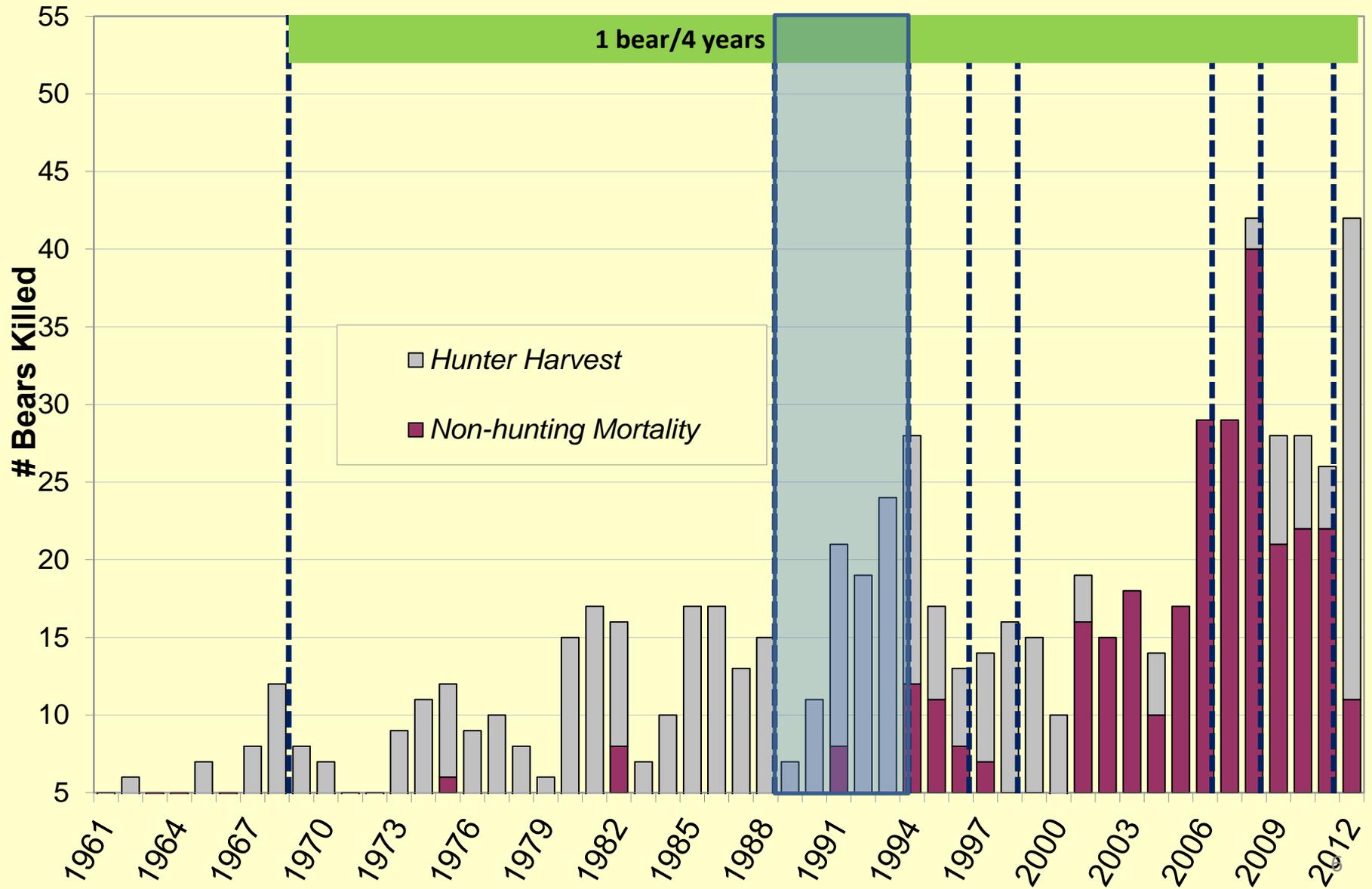
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



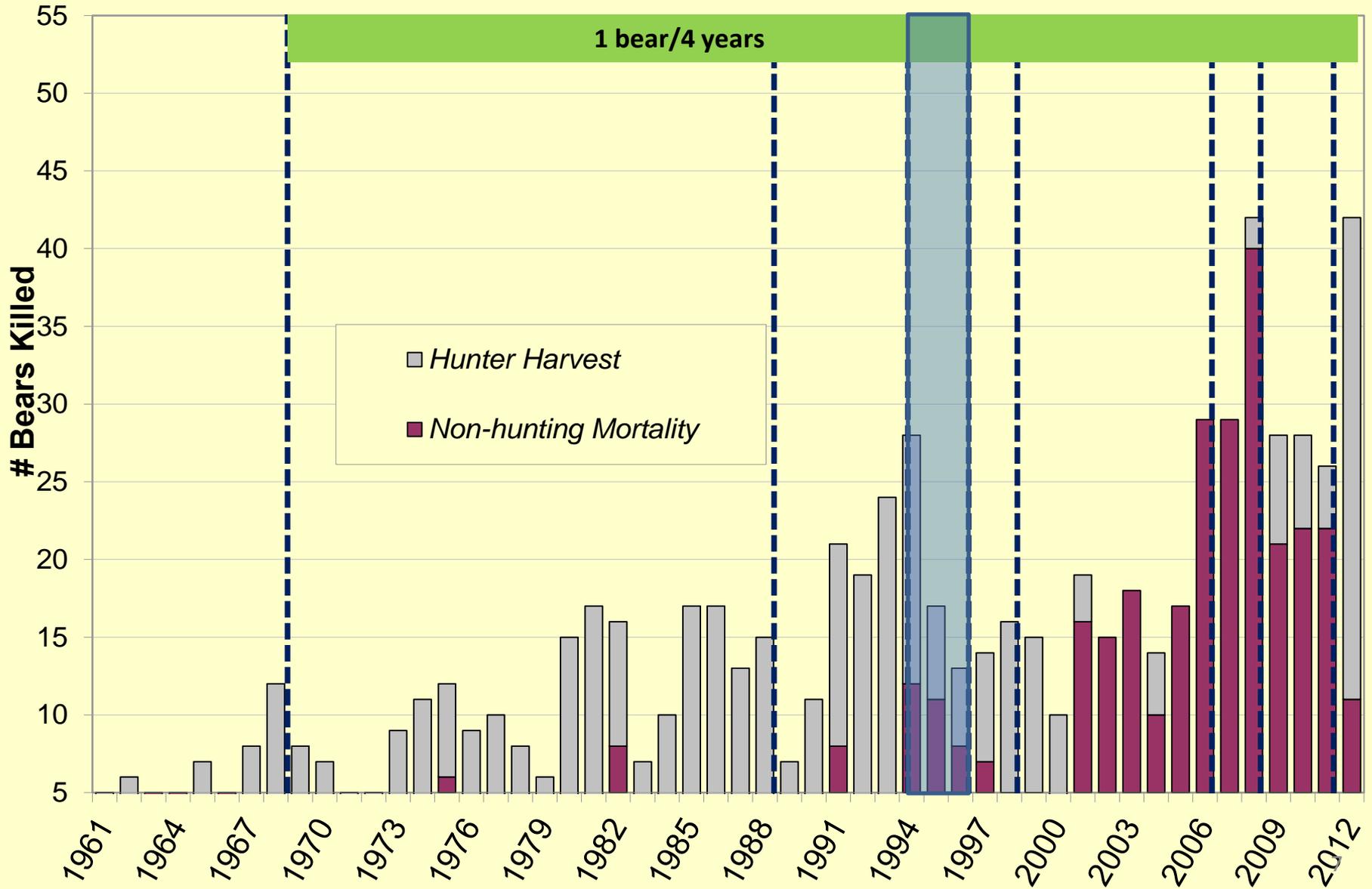
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



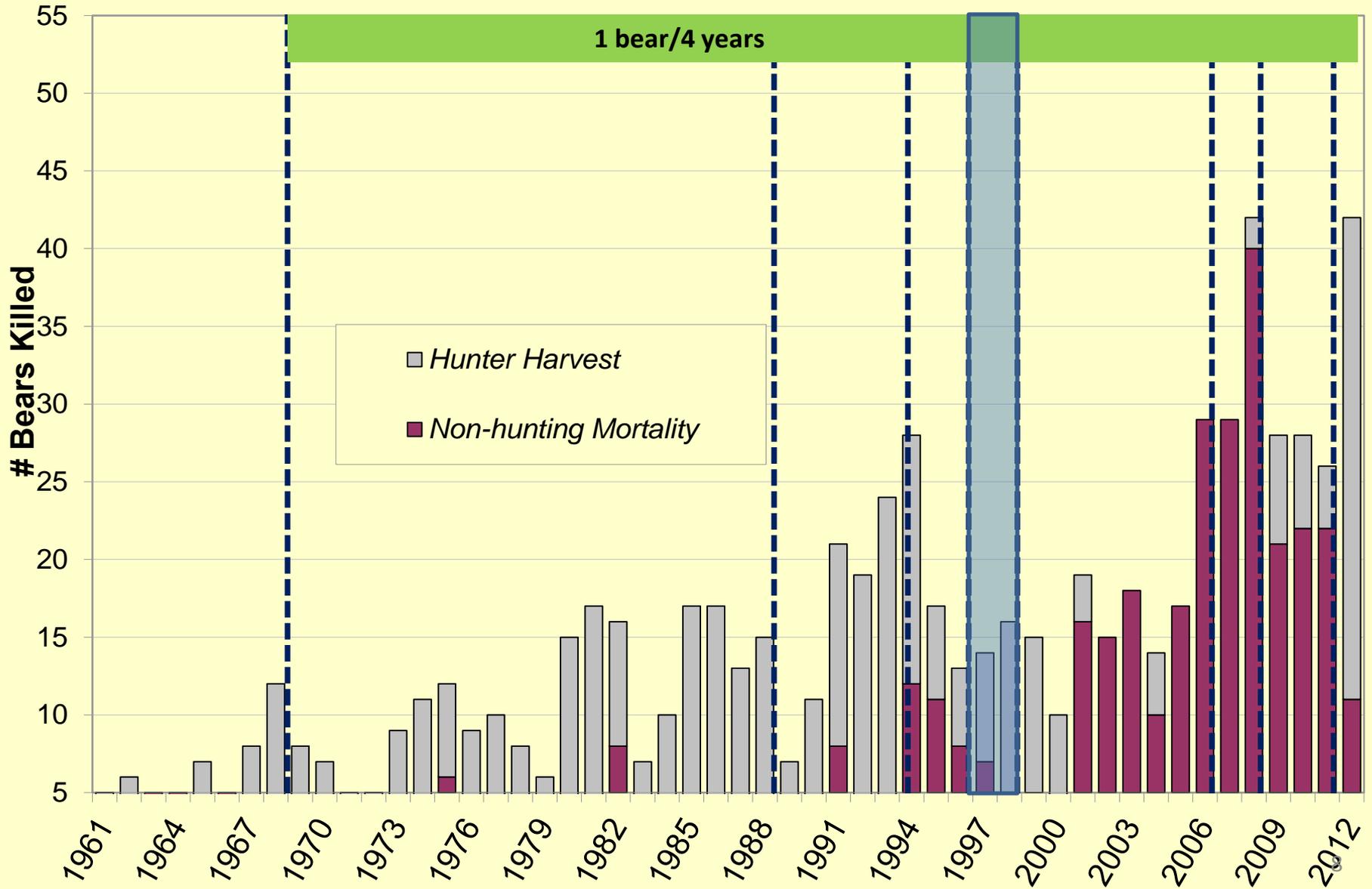
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



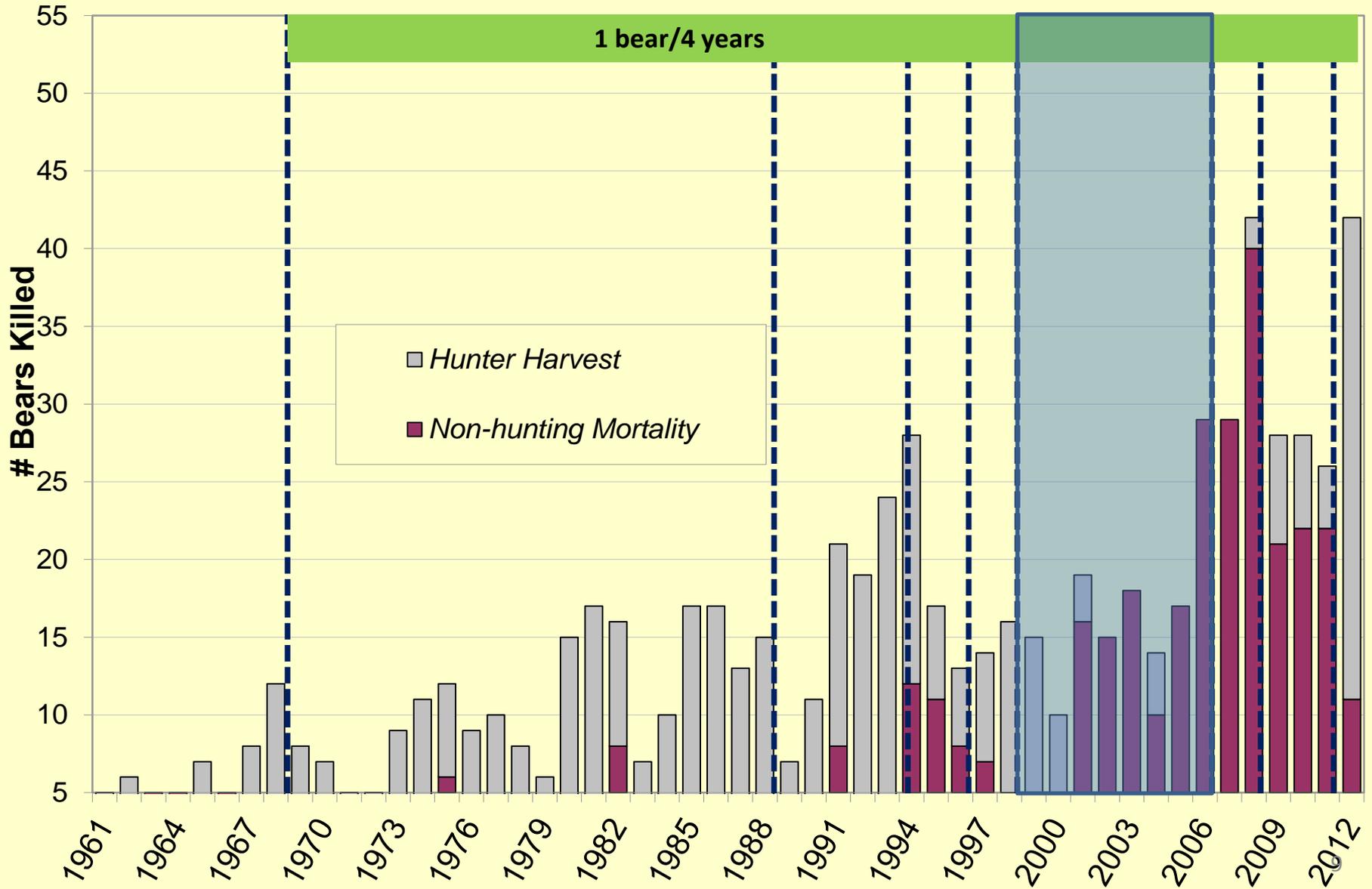
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



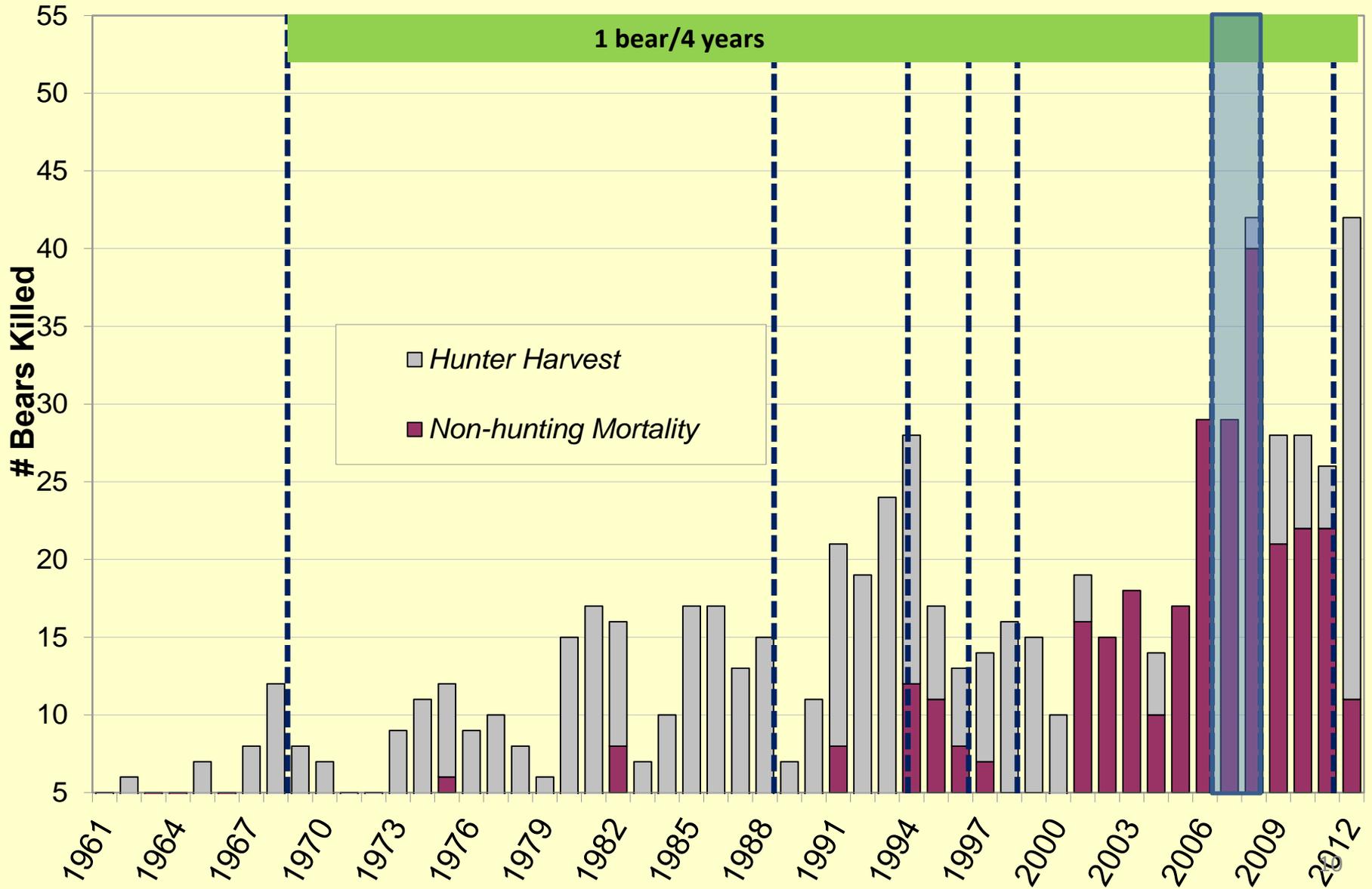
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



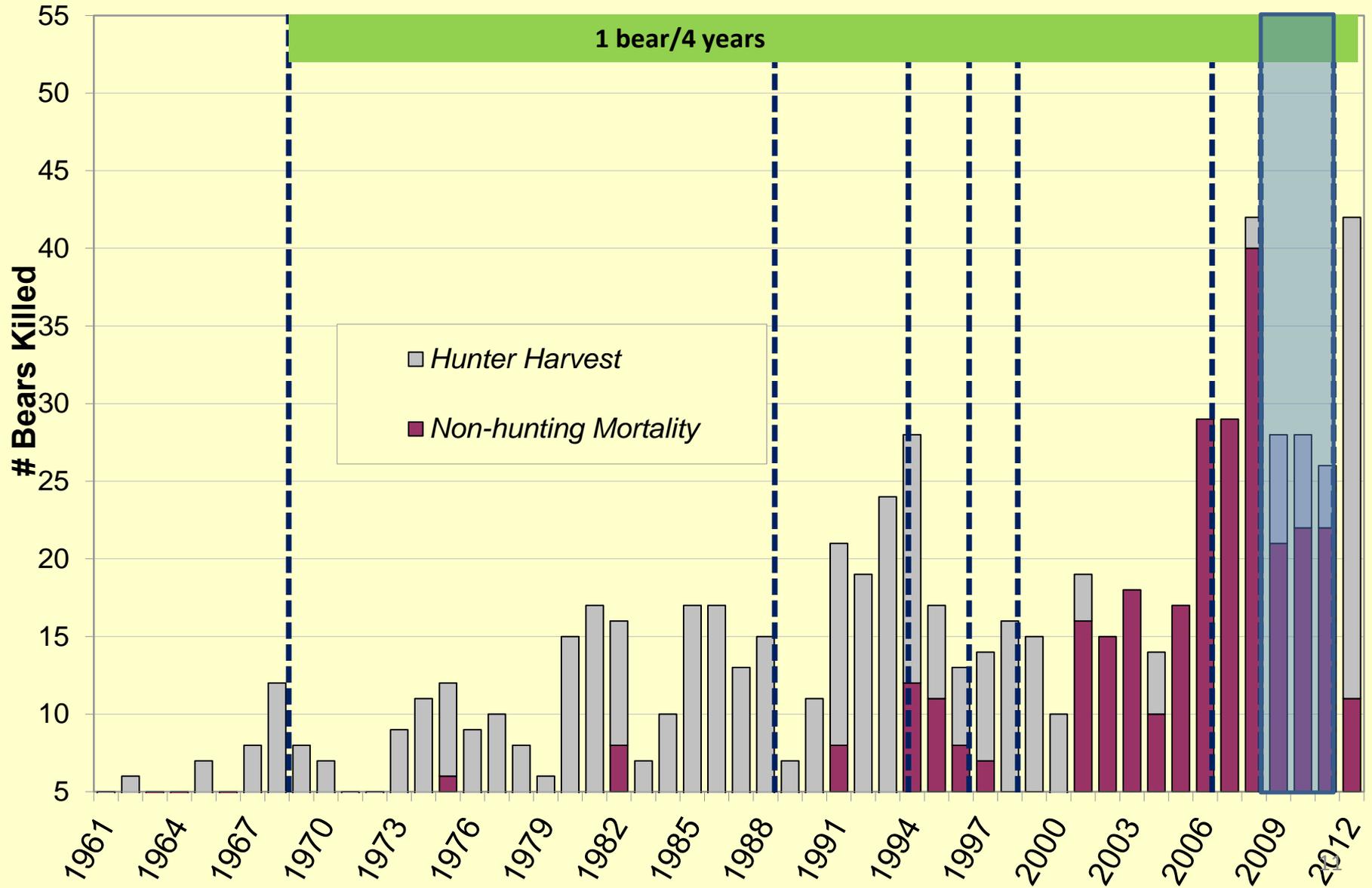
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



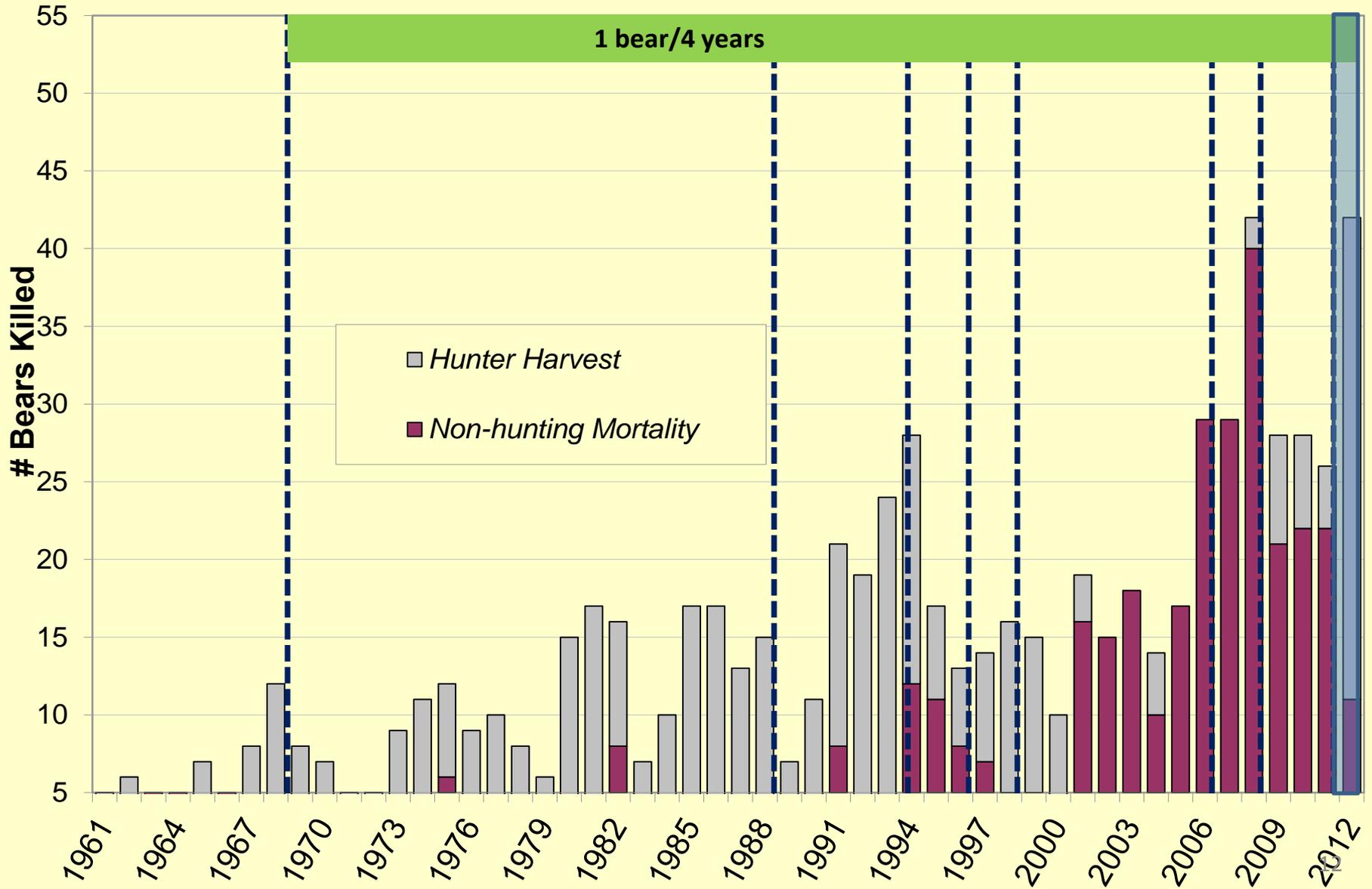
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



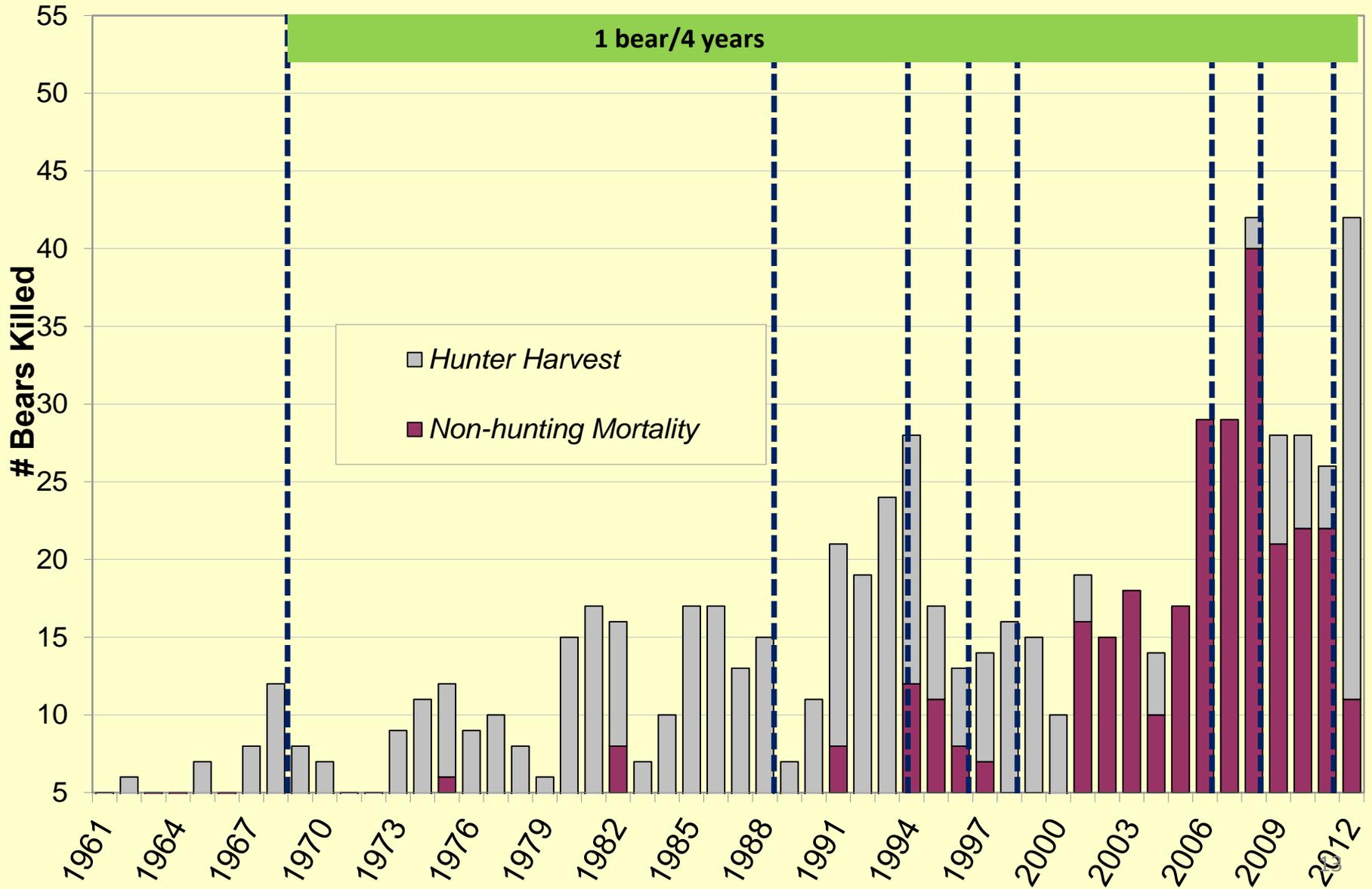
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



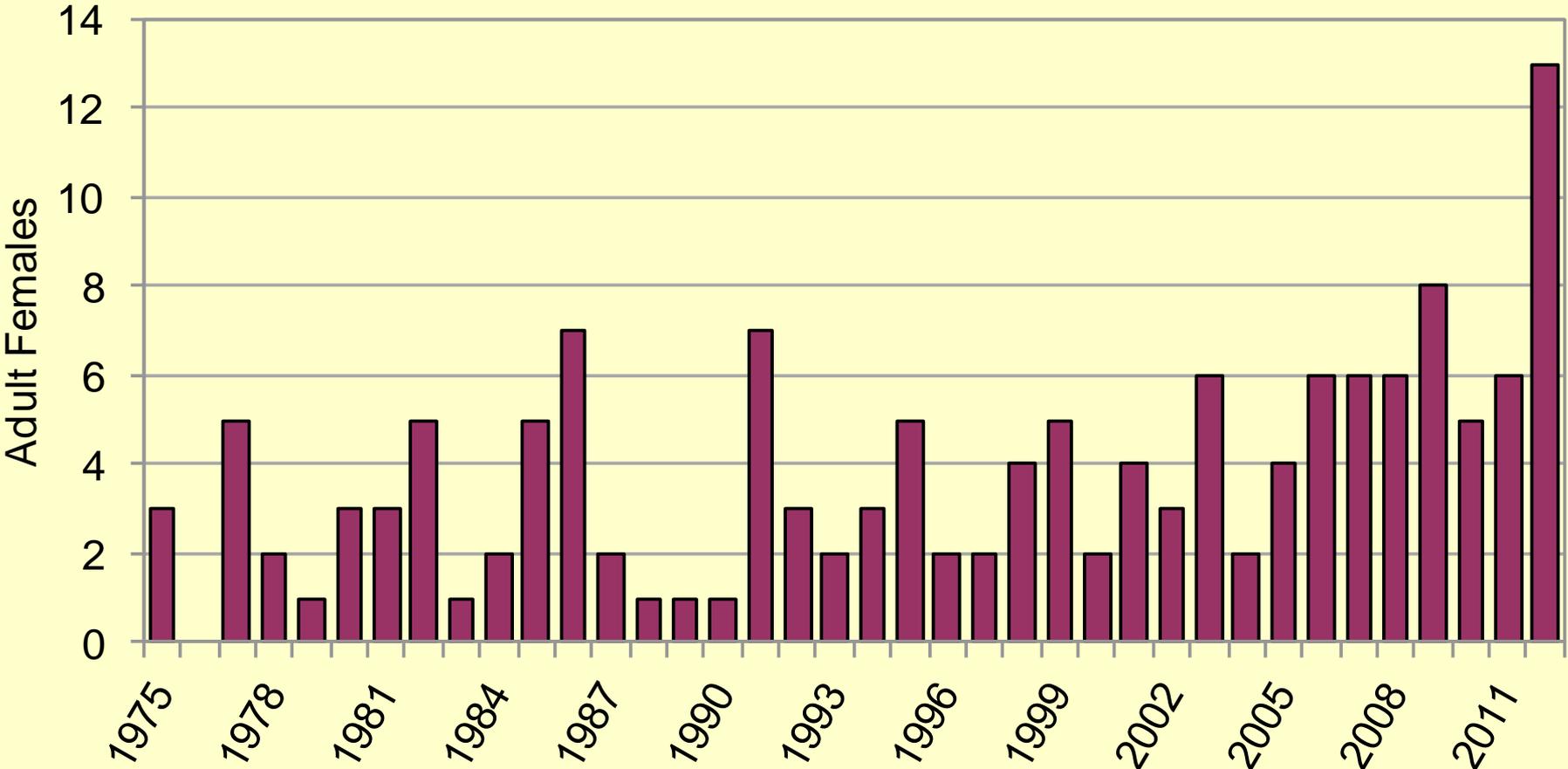
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



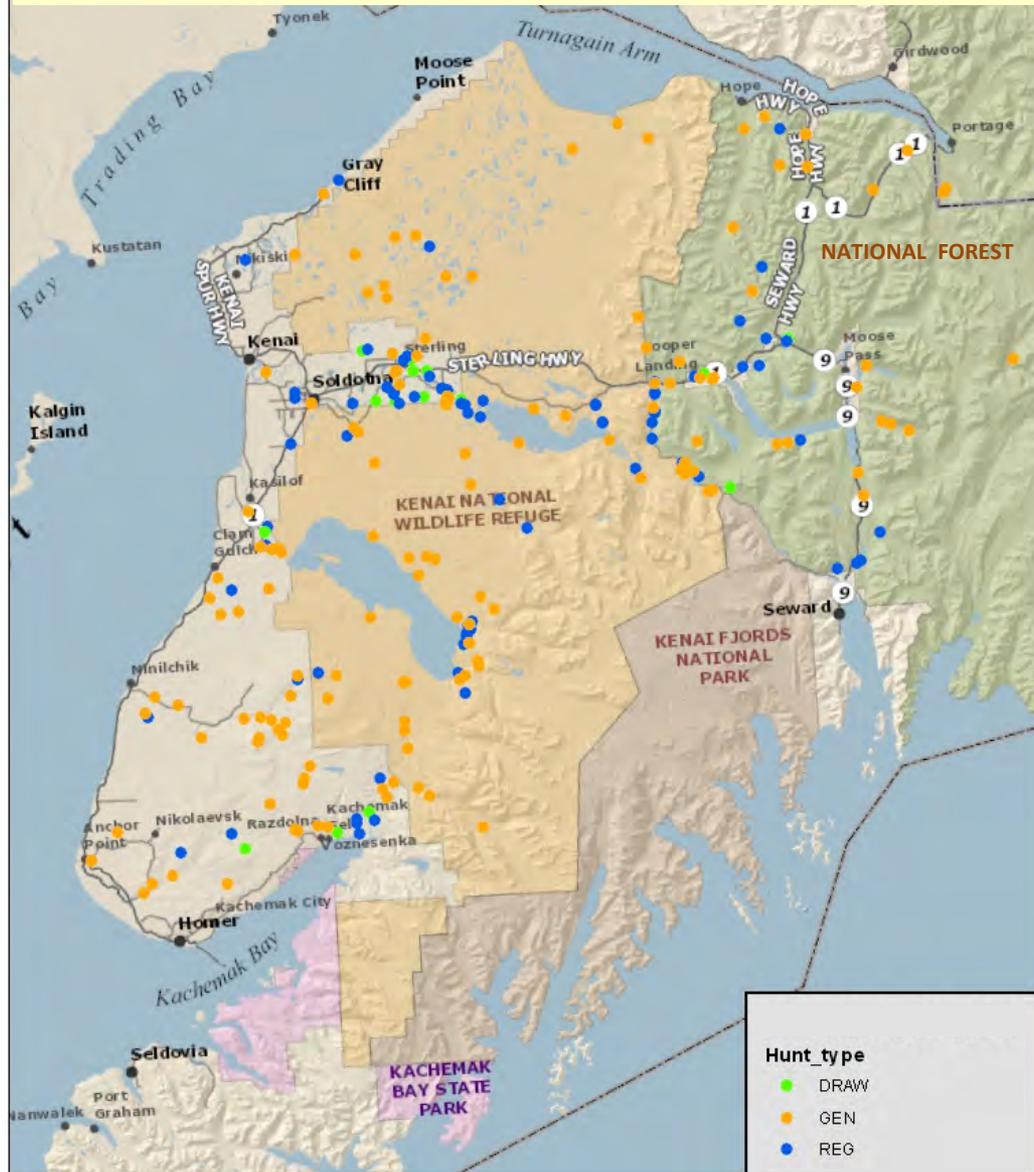
Human-caused brown bear mortalities in GMUs 7 & 15, 1961-2012



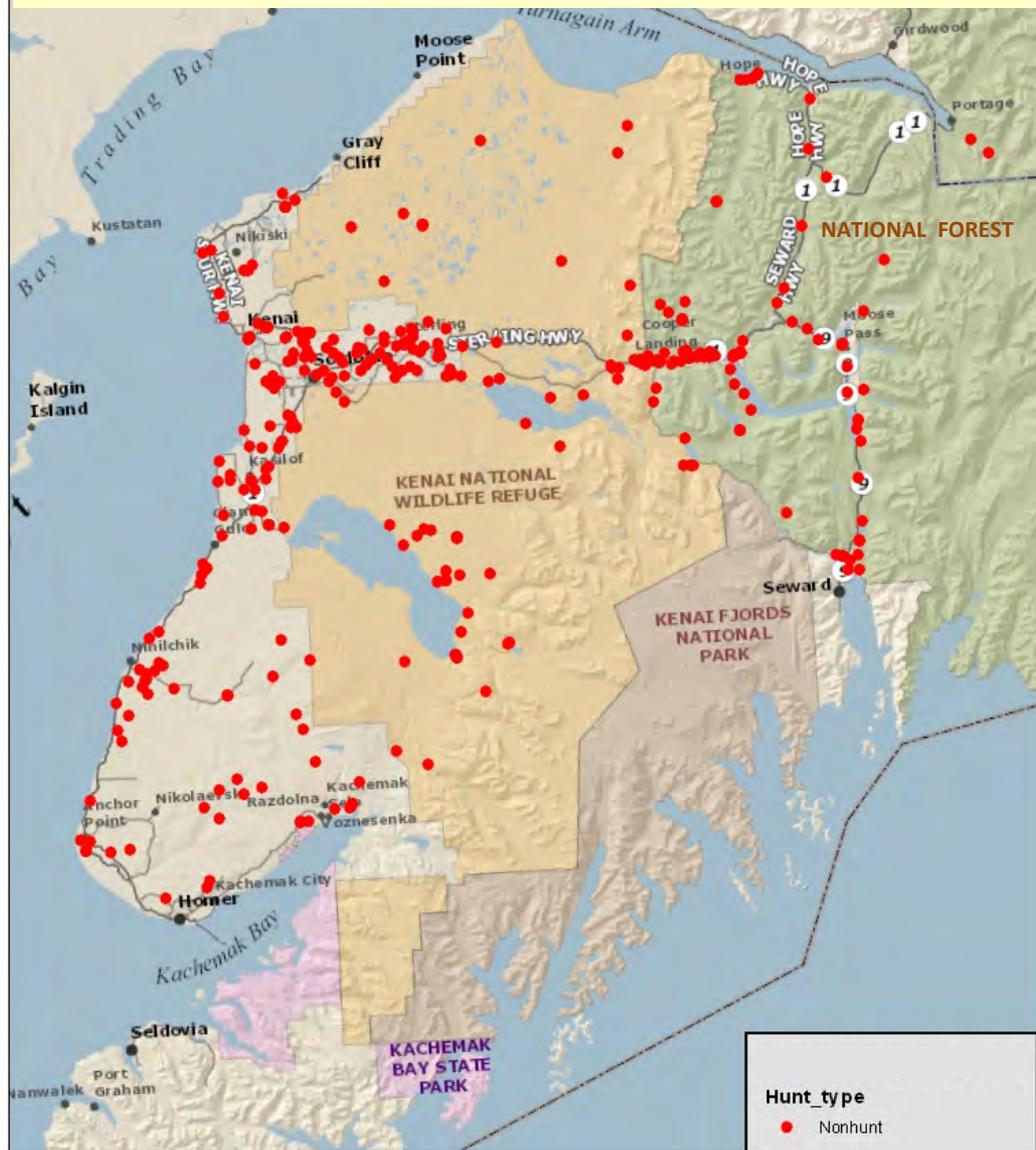
Adult Female Brown Bear Mortality (≥ 5 years old) in GMUs 7 & 15, 1975-2012



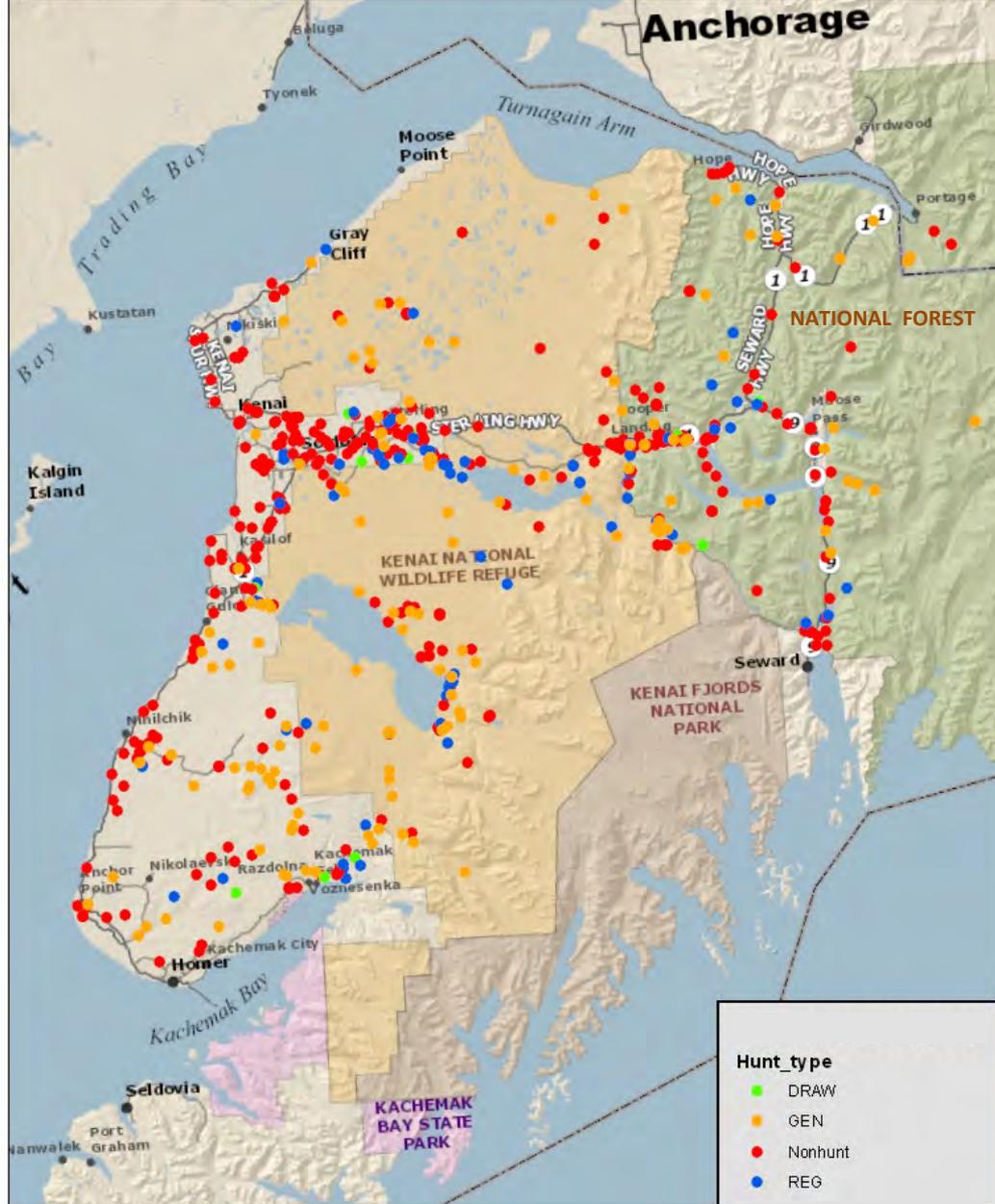
Brown Bear Hunting Mortality 1985-2013



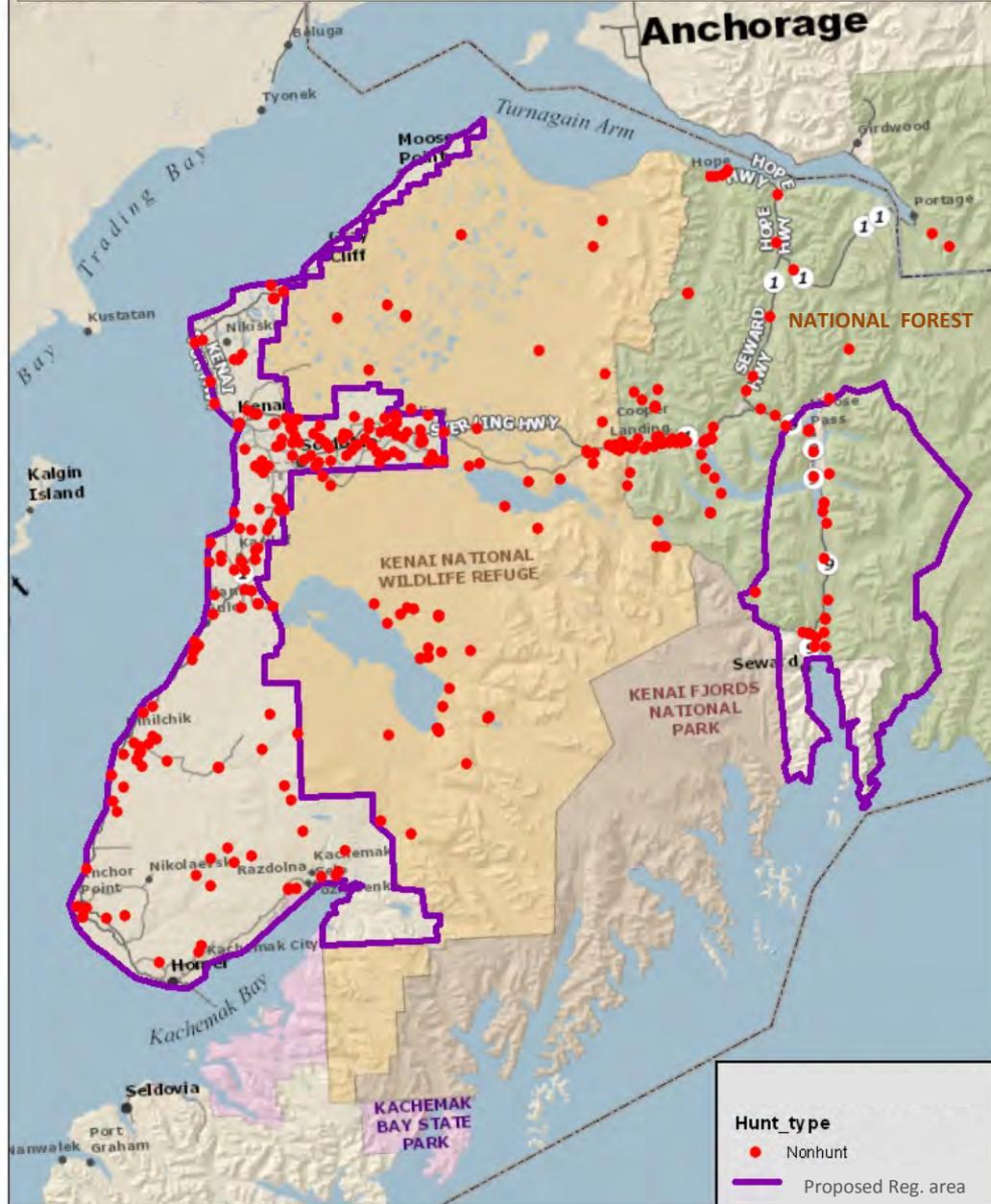
Brown Bear Nonhunting Mortality 1985-2013



Brown Bear Mortality 1985-2013



Brown Bear Mortality 1985-2013



Proposal Advisory Committee Vote 153

Homer	Pass	amend to ADF&G objectives
Central Peninsula	Pass	
Seward	Pass	amend to include Unit 7
Seldovia	Pass	amend to ADF&G objectives
Cooper Landing	Pass	
Kenai/Soldotna	Pass	

Summary

- Registration hunt April 1 - May 31, Sept. 15 – Nov. 30 near major population centers
- Drawing hunt Sept. 1 – Nov. 30 in remote areas. Do not exceed 10 adult females over most recent 3 year running average
- Retain bag limit of 1 bear every 4 regulatory years

Proposal 154

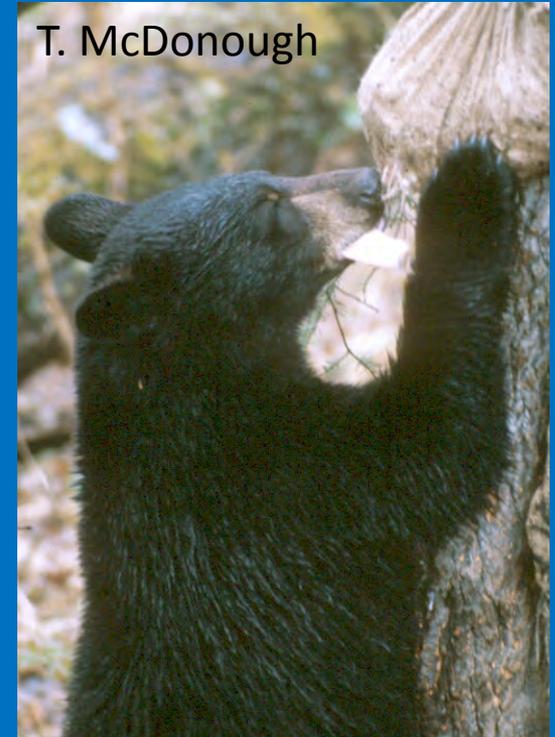
Effect : Allow the harvest of brown bears at black bear bait stations in intensive management Units 15A and 15C

Concern : High number of brown bears that come to black bear bait stations and low calf moose survival

Department position : No Recommendation

Issues

- Effectively allowing brown bear baiting
- Potentially high brown bear harvest at bait sites
- Current regulations require the salvage of meat from all bears shot over bait



Black Bear Bait Stations 2011/12

Area	# Bait Stations
15A	126
15B (west)	6
15C	41
7	133
Total	306

5 year average (2008-2012) 280 bait stations
a year

Proposal Advisory Committee Vote 154

Homer

Fail

Central Peninsula

Pass

Kenai/Soldotna

No Action

Cooper Landing

No Action

Seward

No Action

Seldovia

No Action

Proposal 155

Effect : Allow the harvest of brown bears at black bear bait stations in Units 15A and 15C

Concern : High number of brown bears that come to black bear bait stations and low calf moose survival

Department position : Take No Action

Proposal Advisory Committee Vote 155

Homer

Fail

Kenai/Soldotna

No Action

Central Peninsula

No Action

Cooper Landing

No Action

Seward

No Action

Seldovia

No Action

Proposal 156

Effect : Modifies the season dates and bag limit for brown bears in Units 7 & 15 and allows the harvest of brown bears at black bear bait stations

Department position : Take No Action

Proposal Advisory Committee Vote 156

Homer

Fail

Central Peninsula

No Action

Kenai/Soldotna

No Action

Cooper Landing

No Action

Seward

No Action

Seldovia

No Action

Proposal 157



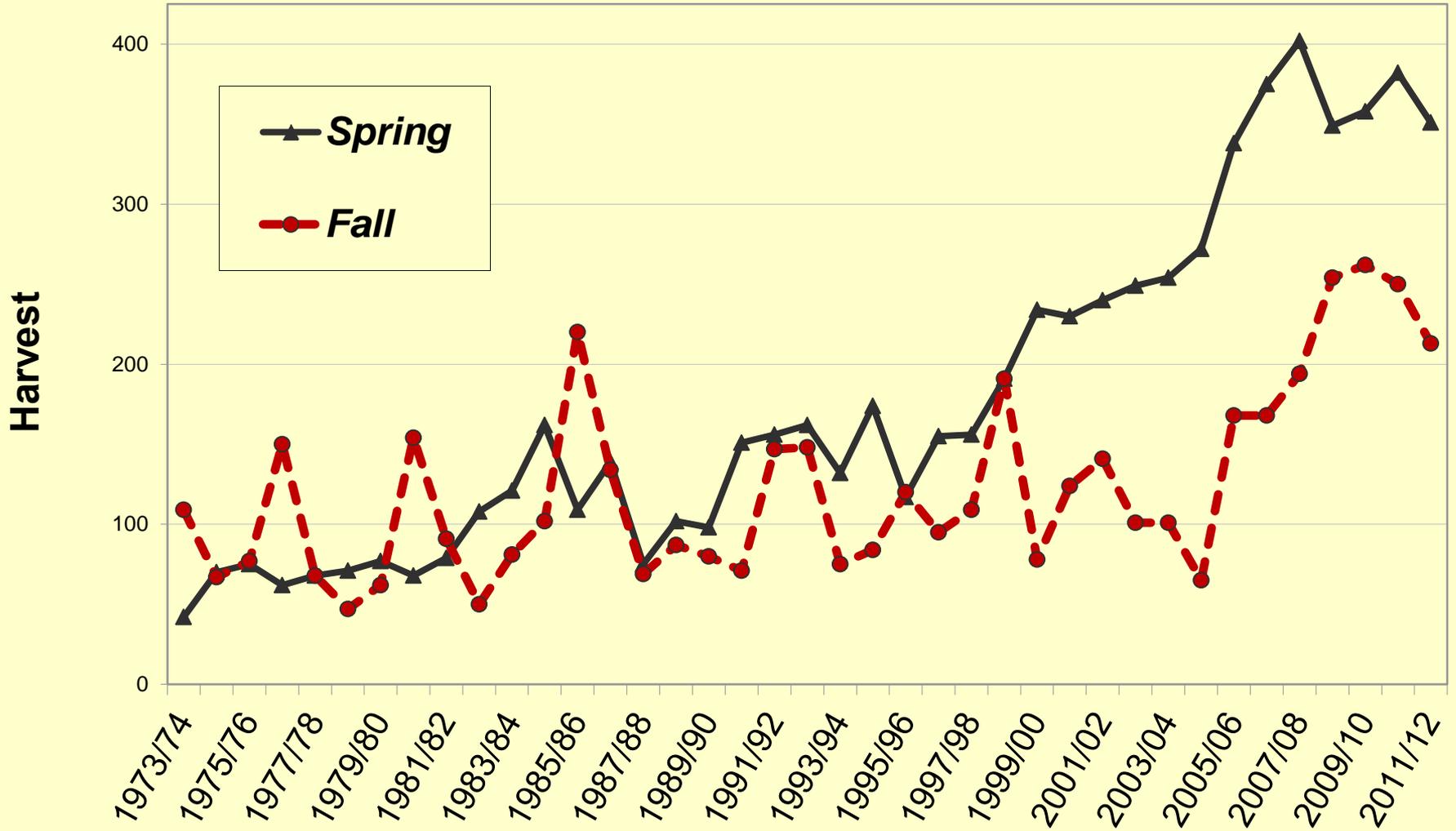
Effect : Modifies black bear salvage requirements in Units 7 & 15 where either the hide and skull or meat must be salvaged

Department position : No Recommendation

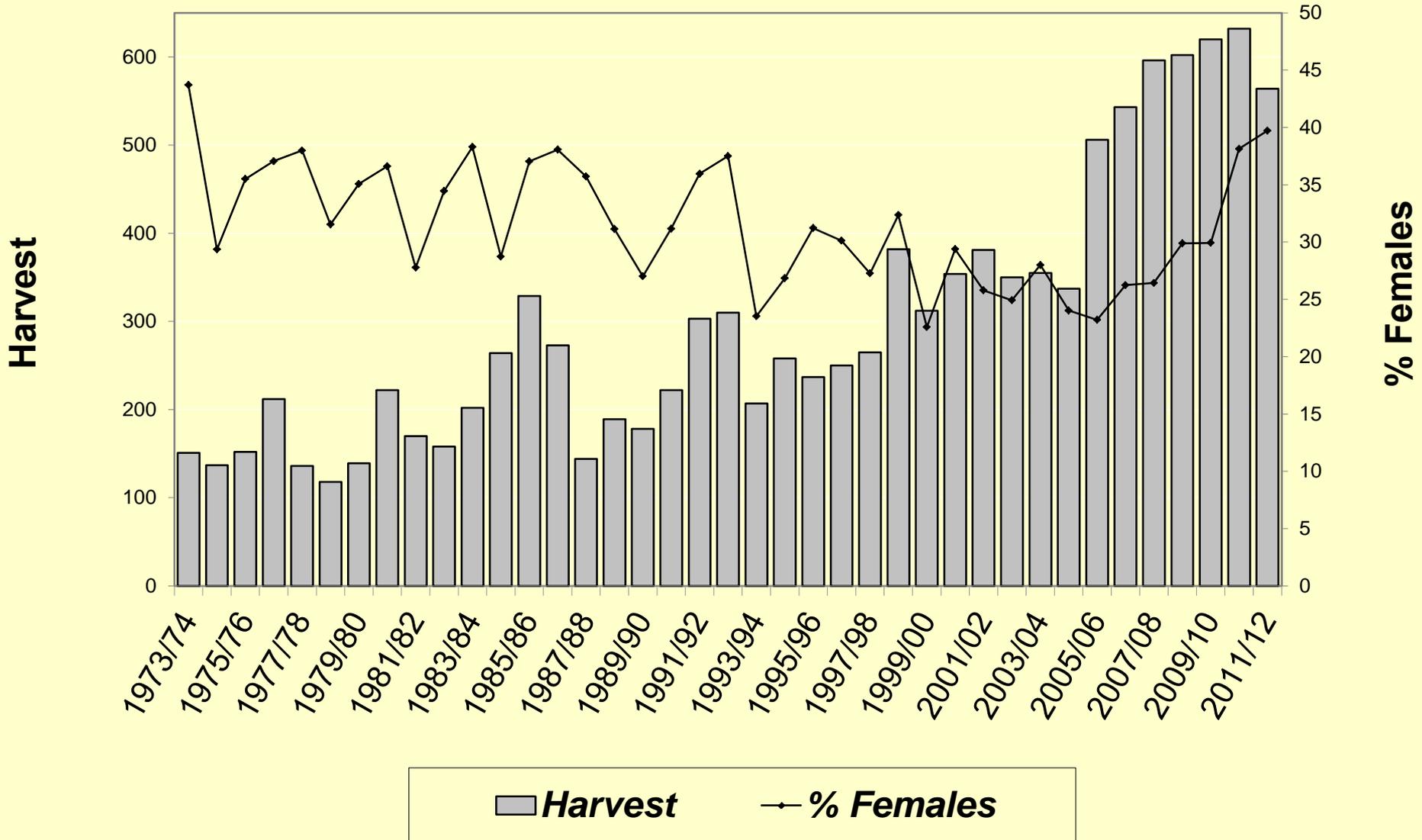
Management Objectives

Provide the opportunity to hunt black bears, regulating the take through seasons and bag limits so as not to exceed an average of 40% females in the harvest during the most recent 3-year period

Black Bear Harvest in GMUs 7&15 1973/74 - 2011/12



Black Bear Harvest and % Females in GMUs 7 & 15 (1973/74 - 2011/12)



Proposal Advisory Committee Vote 157

Central Peninsula

Pass amend provide evidence of sex and skull

Seward

Fail

Cooper Landing

Fail

Kenai/Soldotna

Fail

Homer

No Action

Seldovia

No Action

Proposal 158

Effect : Increases the bag limit for black bears in 15A and 15C north of Kachemak Bay to 5 animals per regulatory year

Department position : No Recommendation

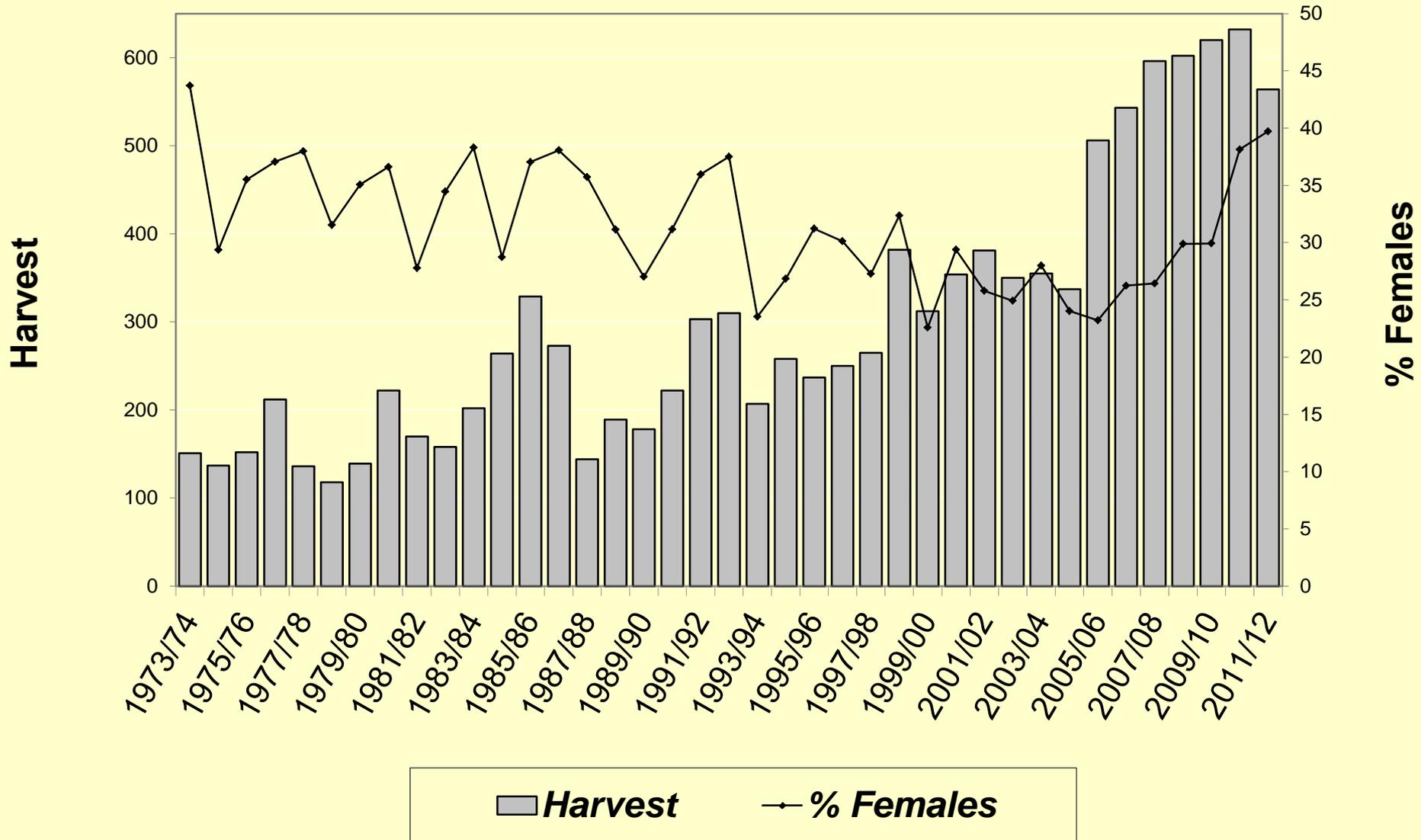
Issues

- Black bear are a key harvest species on the Peninsula as both a food resource and trophy species
- Unlikely to result in a significant increase in harvest
- Black bears are currently the number 1 harvested big game species on the Kenai Peninsula and the first big game species harvested by many of our hunters

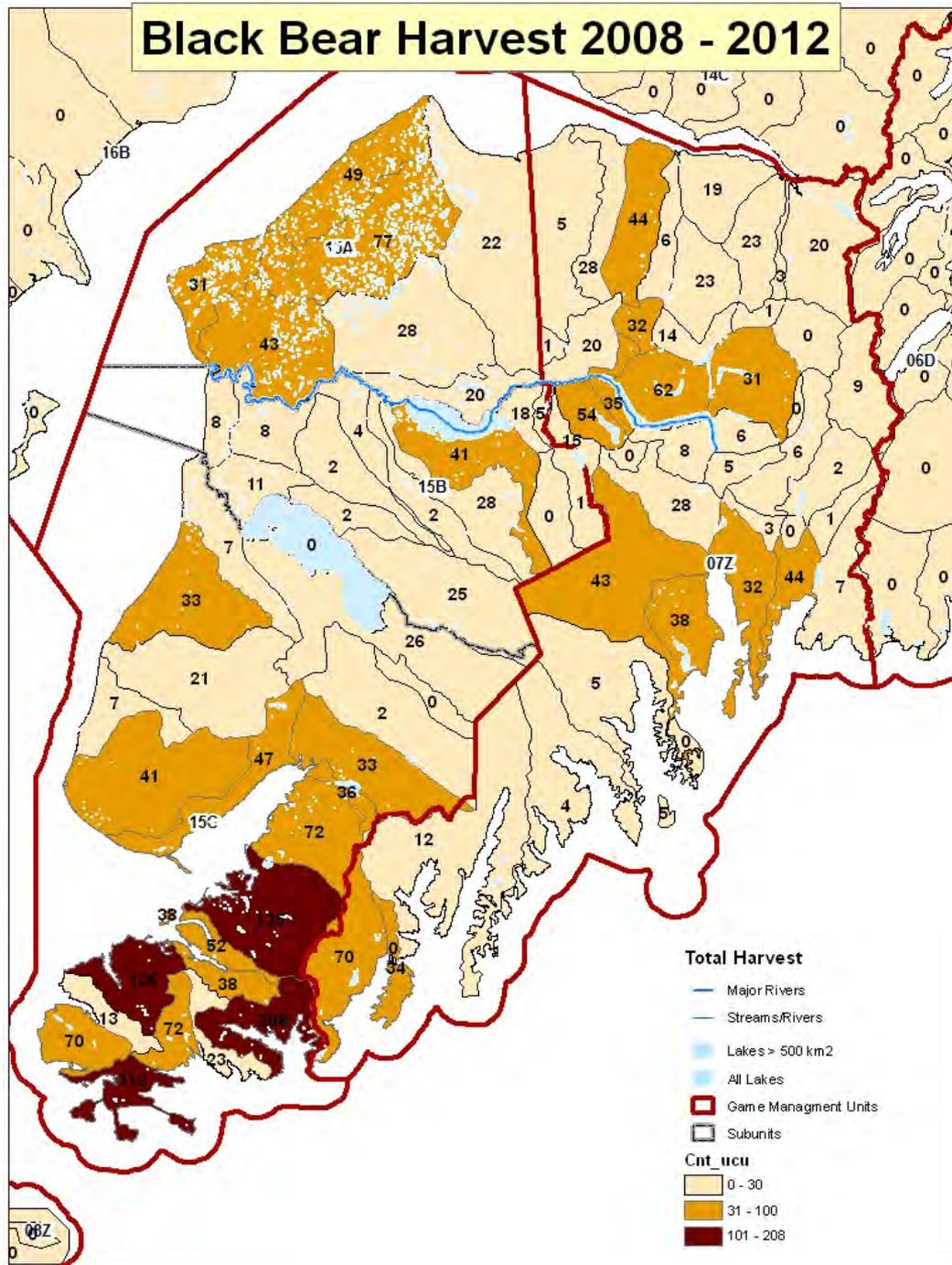
Management Objectives

Provide the opportunity to hunt black bears, regulating the take through seasons and bag limits so as not to exceed an average of 40% females in the harvest during the most recent 3-year period

Black Bear Harvest and % Females in GMUs 7 & 15 (1973/74 - 2011/12)



Black Bear Harvest 2008 - 2012



Proposal Advisory Committee Vote 158

Seldovia	Failed
Cooper Landing	Failed
Central Peninsula	Pass
Kenai/Soldotna	*
Homer	No Action
Seward	No Action

Proposal 159

Effect : Opens the Skilak Loop Management area to wolf, coyote, and lynx hunting

Department position : No Recommendation

Issues

- Department recently went through a lengthy planning process with KNWR to reach an agreement so that State regulations match Refuge regulations to eliminate confusion among constituents
- Current firearm harvest opportunities focus on youth small game hunting
- Board of Game adopted the current regulations in 2007

Proposal Advisory Committee Vote 159

Central Peninsula	Pass
Kenai/Soldotna	Pass
Cooper Landing	No Action
Homer	No Action
Seward	No Action
Seldovia	No Action

Proposal 160

Effect : Modifies season dates for wolf hunting in Units 7 & 15, no closed season

Department position : No Recommendation

Issues

- Quality of hides taken in extended season
- Valued resource for trappers on the Peninsula
- Lice infestations and hide quality

Proposal Advisory Committee Vote 160

Central Peninsula Pass

Homer Fail

Kenai/Soldotna Pass

Cooper Landing No Action

Seward No Action

Seldovia No Action

Proposal 161

Effect of Proposal:

1. Changes the season closure date for ptarmigan in GMU 7 and 15
from - March 31
to - April 30
2. Reduce bag limit after February 28 from 10/day to 5/day

Department position:

Do Not Adopt



Proposal 161

Current Status:

- No population monitoring efforts for all 3 species
- Hunters generally report harvesting fewer than 5 ptarmigan/trip
- Harvest is predominately willow ptarmigan
- Much of current harvest occurs in late February-March when day length and snow conditions are ideal

Proposal 161

Issues:

- Winter harvest may be contributing to low abundance of ptarmigan in GMU 13, additive mortality
- April – May: male rock and willow ptarmigan actively defend territory making them vulnerable to harvest
- Springtime surveys 2013 - rock and willow ptarmigan

Proposal 161:

Lengthen ptarmigan season in GMU 7 and 15

ADF&G

Do Not Adopt

Advisory Committees:

SUPPORT

Cooper Landing

Central Peninsula

OPPOSE

Seldovia

Kenai/Soldotna

Homer: NA

Seward: NA