

Unit 11 and 13

PROPOSALS

RC 2
Tab 5

RIV Board of Game
8-15 February 2013

Becky Schwanke, AB
Frank Robbins, Asst. AB
Glennallen

Proposal 62



EFFECT: Reauthorize the antlerless moose hunt for Unit 13, season dates 1 – 20 September.

The only subunit with a proposed antlerless hunt for RY13 is 13A (10 permits offered, the same as RY12).

DEPARTMENT RECOMMENDATION: Department Proposal - **Adopt**

Advisory Committee votes

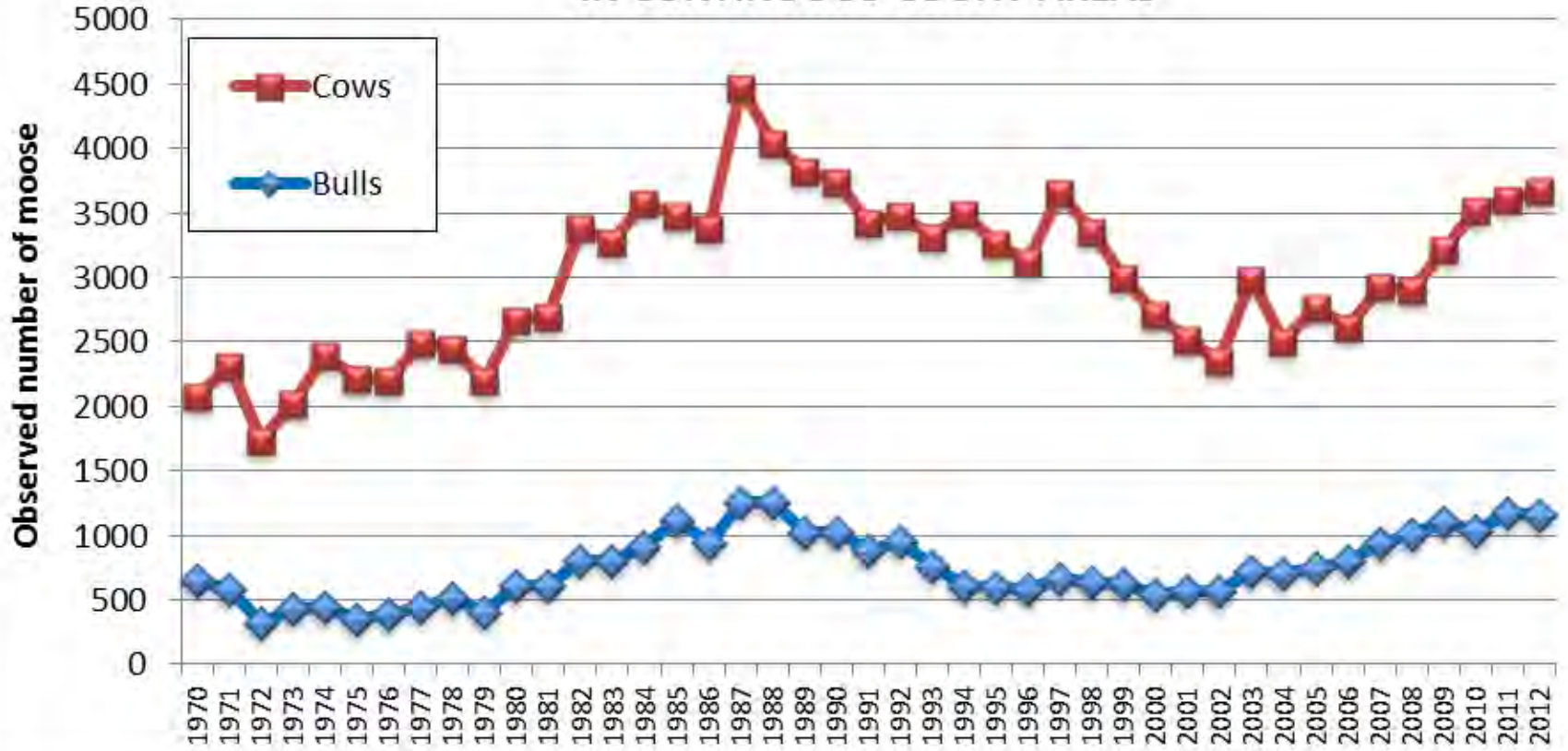
Copper Basin support 11-0, prefer #63

Tok Cutoff support 3-1

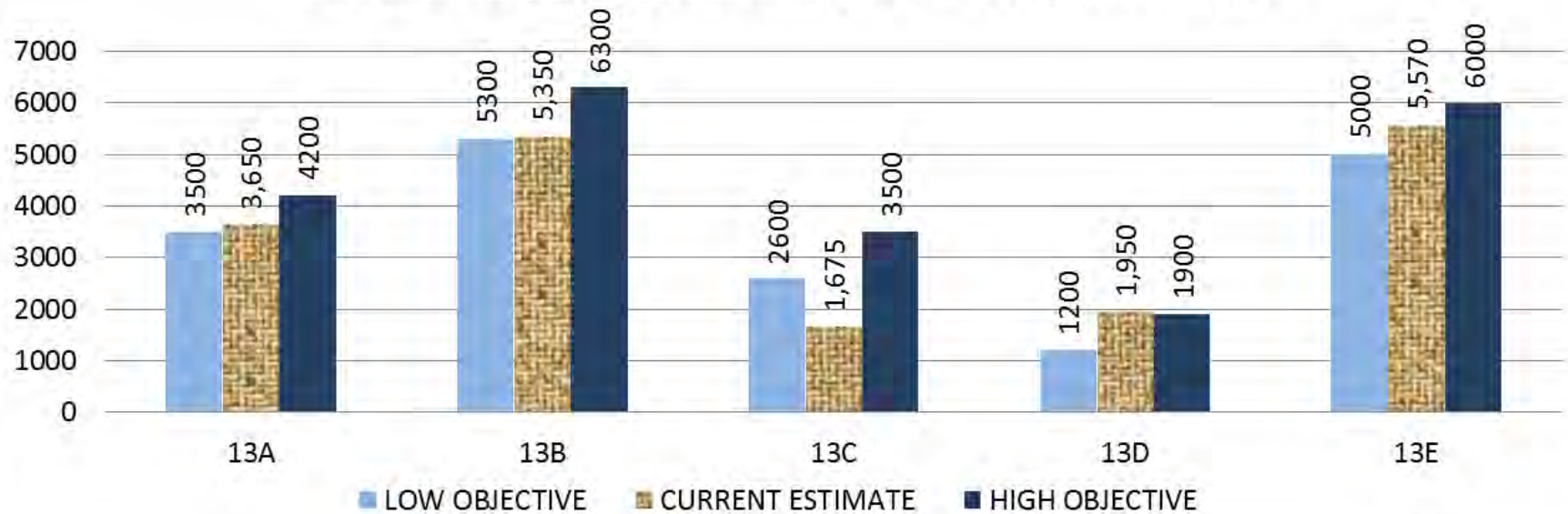
Paxson opposed

Denali did not meet

Unit 13 TOTAL BULL and COW MOOSE OBSERVED IN CONTINUOUS COUNT AREAS



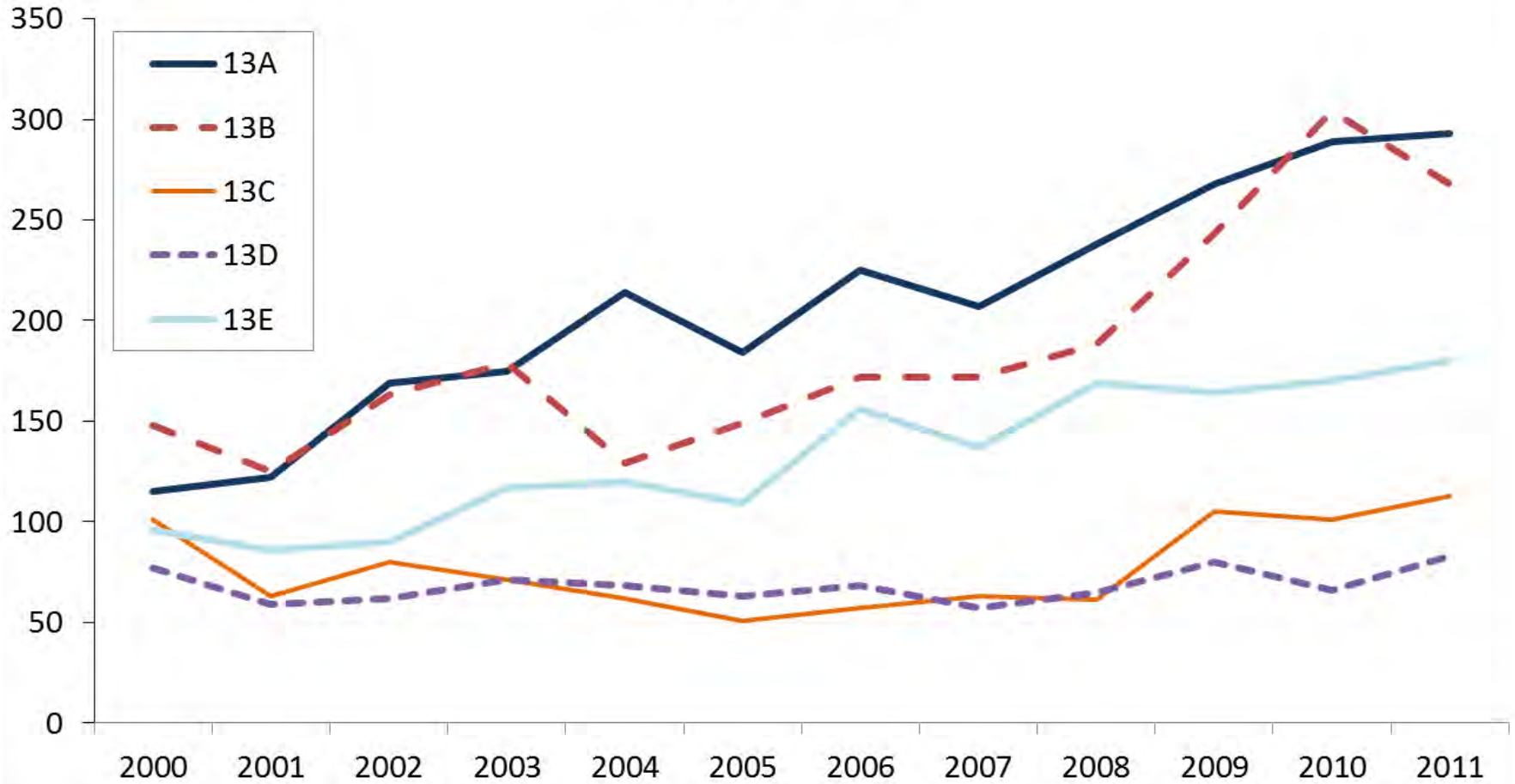
Unit 13 MOOSE 2012 POPULATION ESTIMATES vs OBJECTIVES



- 2012 population estimate 18,195 (17,285 – 20,015)
down ~ 4% from 2011 (due to less calves)
- Annually, 8-15% of the population is calves

POPULATION OBJECTIVE 17,600 – 21,900

Unit 13 Moose Harvest by subunit

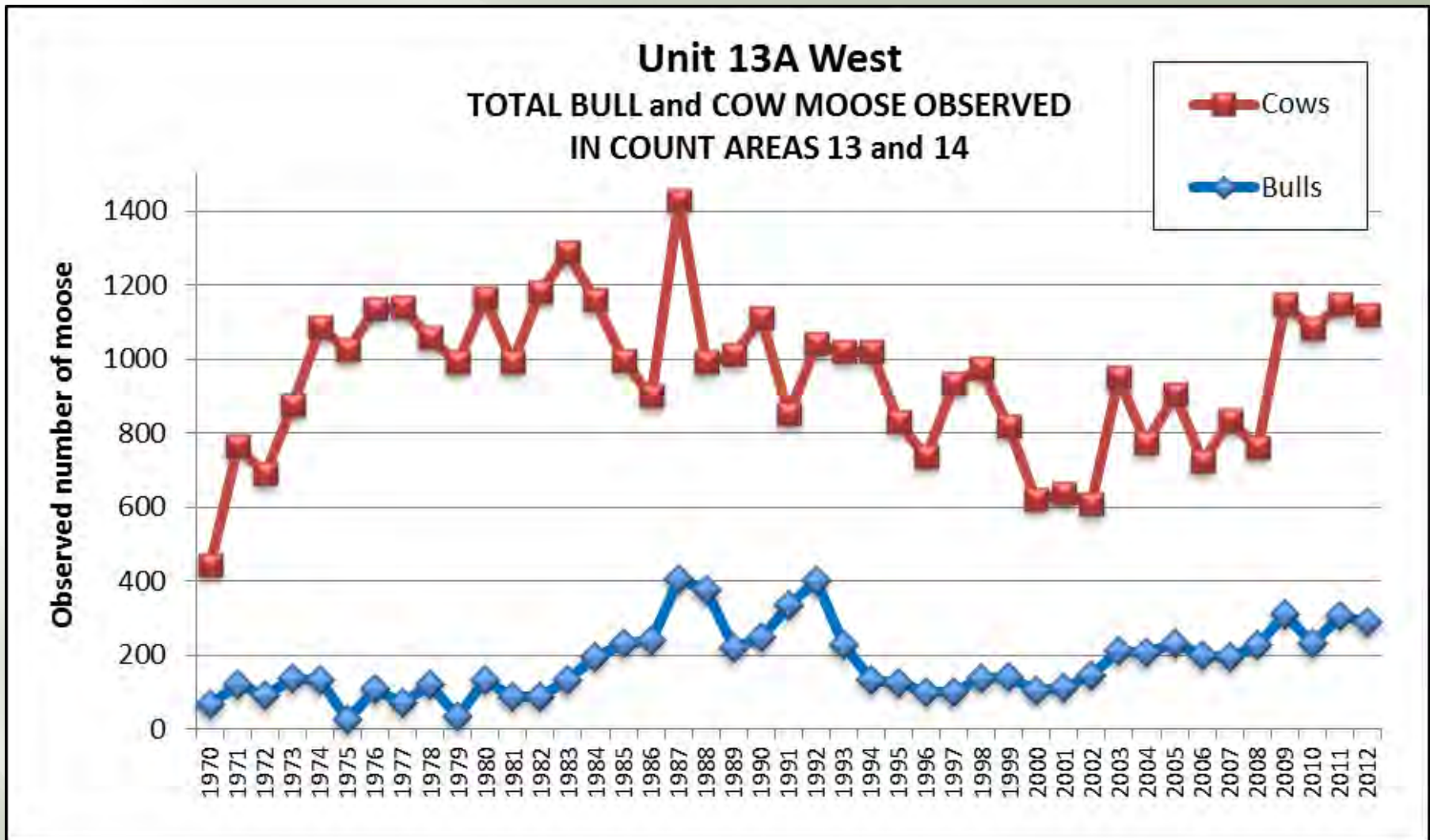


(13D is not included in the Intensive Management Area)

Unit 13 Moose Harvest by Subunit

	13A	13B	13C	13D	13E
<i>Objectives</i>	<i>210-420</i>	<i>310-620</i>	<i>155-350</i>	<i>75-190</i>	<i>300-600</i>
R_Y11 harvest	293	268	133	83	180

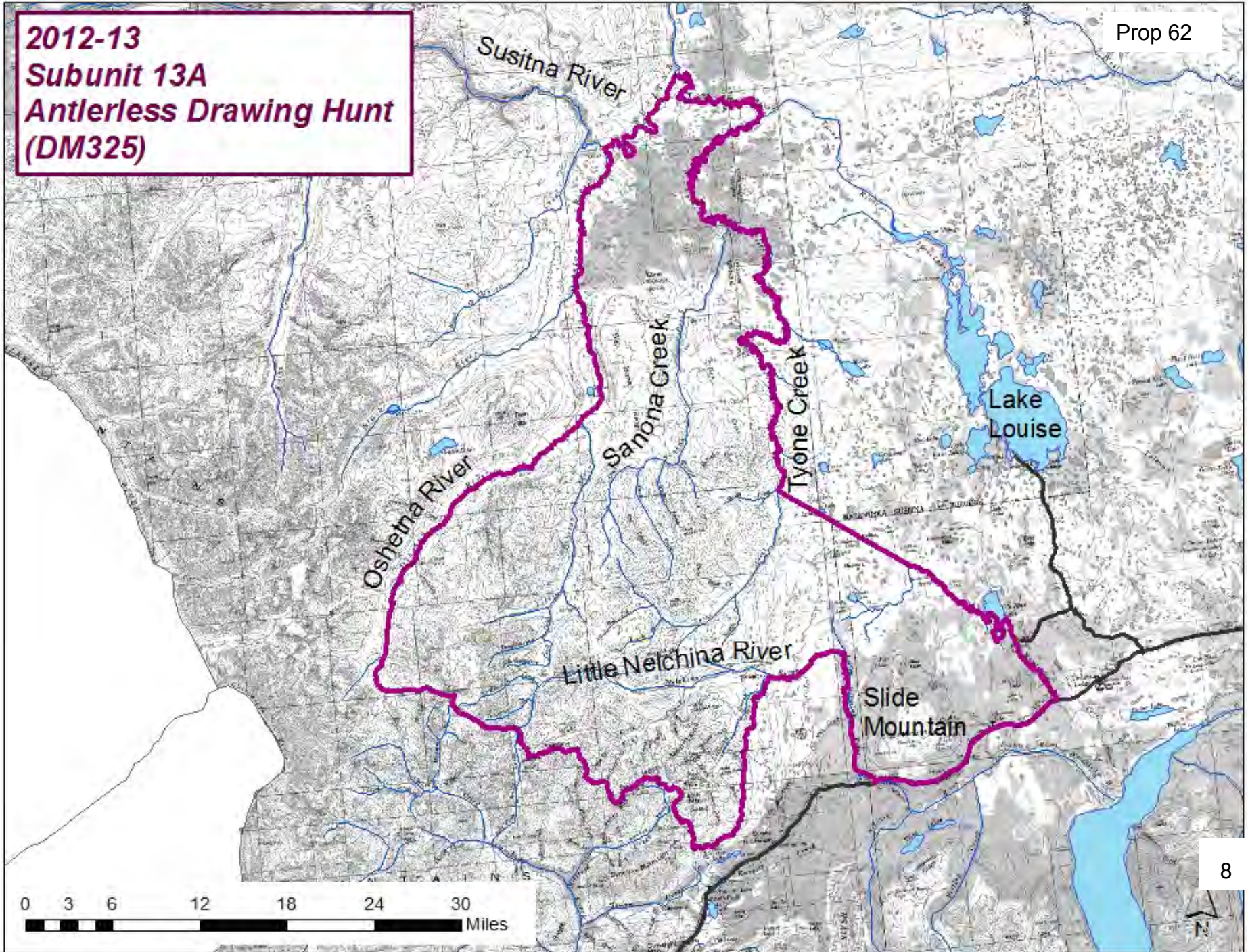
- This antlerless hunt was first held in 2012
 - 10 permits were issued in 13A west
 - 10 permittees reported hunting
 - 4 cows were harvested
- For the 2012 hunt, a total of 1,268 applications were received
- For the 2013 hunt, a total of 2,452 applications were received



- The only proposed antlerless hunt for RY13 is in 13A west
- The 2012 population estimate for 13A is 3,650 (within objective 3,500 – 4,200)
- The 2012 density estimate for 13A west is 1.6 moose / mi² (1.1 cows / mi²)

**2012-13
Subunit 13A
Antlerless Drawing Hunt
(DM325)**

Prop 62



Proposal 62 *Summary*



EFFECT: Reauthorize the antlerless moose hunt for Unit 13, season dates 1 – 20 September.

The only subunit with a proposed antlerless hunt for RY13 is 13A (10 permits offered, the same as RY12).

DEPARTMENT RECOMMENDATION: Department Proposal - **Adopt**

Proposal 63

EFFECT: Changes the Unit 13 Antlerless moose hunt



Existing Regulation

- ❖ Season 1– 20 September
- ❖ Currently offered only in 13A west (could be offered for all of Unit 13)

Proposed

- ❖ Seasons 1 – 31 October and 1 – 31 March
- ❖ To be offered only for subunits 13A, 13B, 13C, and 13E
- ❖ Establish thresholds for holding the hunts
- ❖ Establish harvest rates

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

Copper Basin *support 11-0*

Tok Cutoff *support 3-1*

Paxson *opposed*

Denali *did not meet*

Considerations

- All existing state moose hunts in Unit 13 occur 1 – 20 September, new hunts would be outside these dates
- No antlerless hunts would be held in low density area subunit 13D
- Threshold for offering antlerless hunts when subunit populations meet or exceed the midpoint of the objective range
- Proposal offers a harvest rate guideline of up to 1% of COWS

Proposal 63

Summary



EFFECT: Changes the Unit 13 Antlerless moose hunt

Existing Regulation

- ❖ Season 1– 20 September
- ❖ Currently offered only in 13A west

Proposed

- ❖ Seasons 1 – 31 October and 1 – 31 March
- ❖ For only subunits 13A, 13B, 13C, and 13E
- ❖ Establish thresholds for holding the hunts
- ❖ Establish harvest rates

DEPARTMENT RECOMMENDATION: No Recommendation

Proposal 64



EFFECT: Changes the Unit 13 Antlerless moose hunt

Existing Regulation

- ❖ Season 1– 20 September
- ❖ Currently offered only in 13A west

Proposed

- ❖ Season 5–15 August
- ❖ Youth hunt, ages 10 to 17
- ❖ Offered only for 13A
- ❖ Establish 1% harvest rate

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

Copper Basin opposed 0-11

Tok Cutoff *opposed 0-4*

Paxson *opposed*

Denali *did not meet*

Unit 13

Moose and Caribou Subsistence Hunting



Related Upcoming Proposals

73 – Tier I caribou hunt conditions

72 – Tier I caribou hunt conditions

65 – CSH modifications

66 – CSH repeal/new moose hunts

67 – CSH repeal/new caribou hunt

68 – CSH modification – group size

69 – CSH moose any bull change



Unit 13 Caribou Hunting

Regulatory Year 2012-2013 (RY12)

**Drawing Bull
(DC480-483)**

**Aug. 20 – Sept. 20; One bull
Oct. 21 – Mar. 31**

Tier I Registration

**Aug. 10 – Sept. 20; One caribou
Oct. 21 – Mar. 31**

**Community Subs.
(CC001)**

**Aug. 10 – Sept. 20; Up to 300 caribou
Oct. 21 – Mar. 31**

Federal Subs.

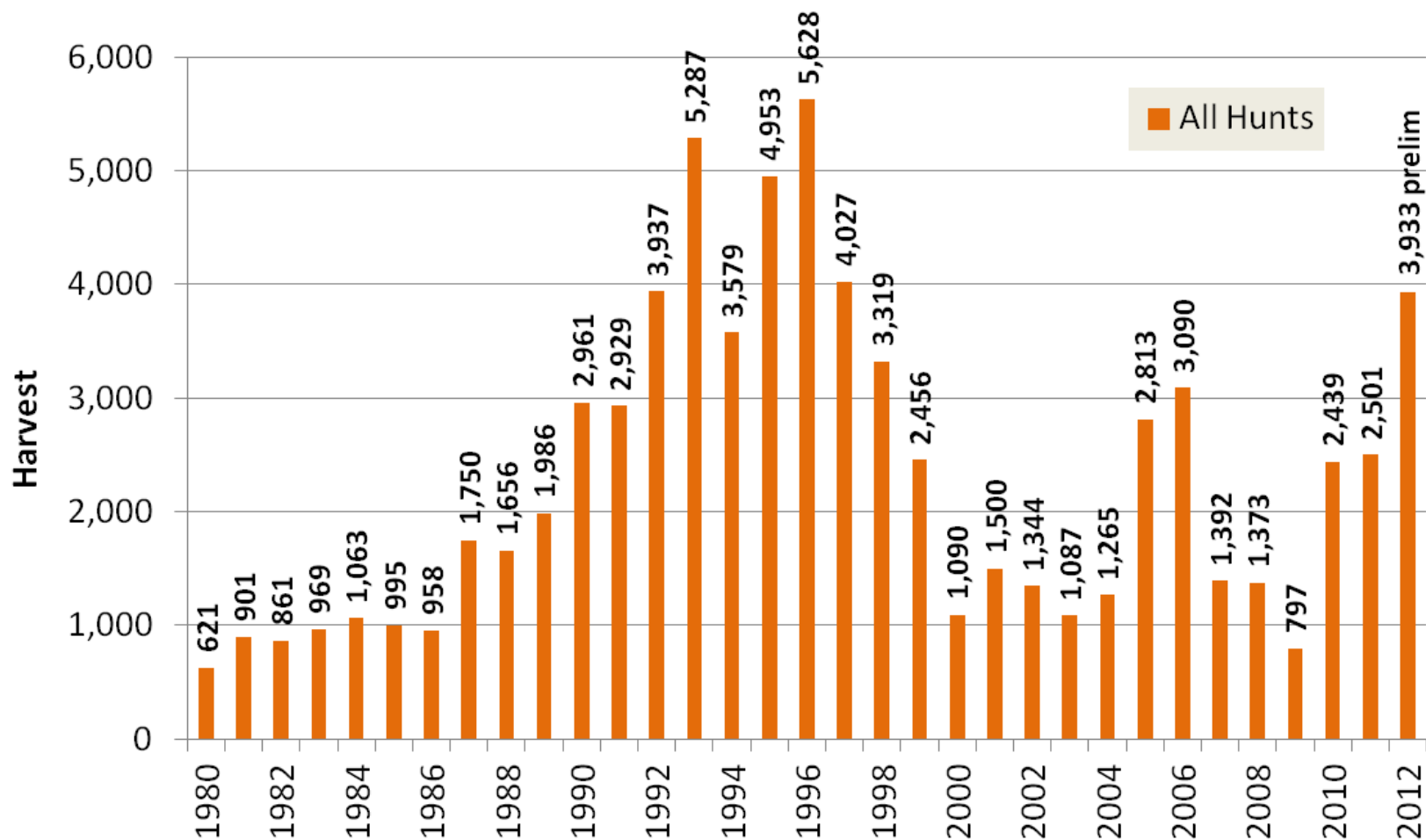
**Aug. 1 – Sept. 30; Two caribou
Oct. 21 – Mar. 31**

All Hunts Remain Open



Resident Only Hunts

Nelchina Caribou Harvest



Amount Reasonably Necessary for Subsistence 600 – 1,000
 Intensive Management Objectives 3,000 – 6,000

Unit 13 Moose Hunting

Regulatory Year 2012-2013 (RY12)



Resident Hunts

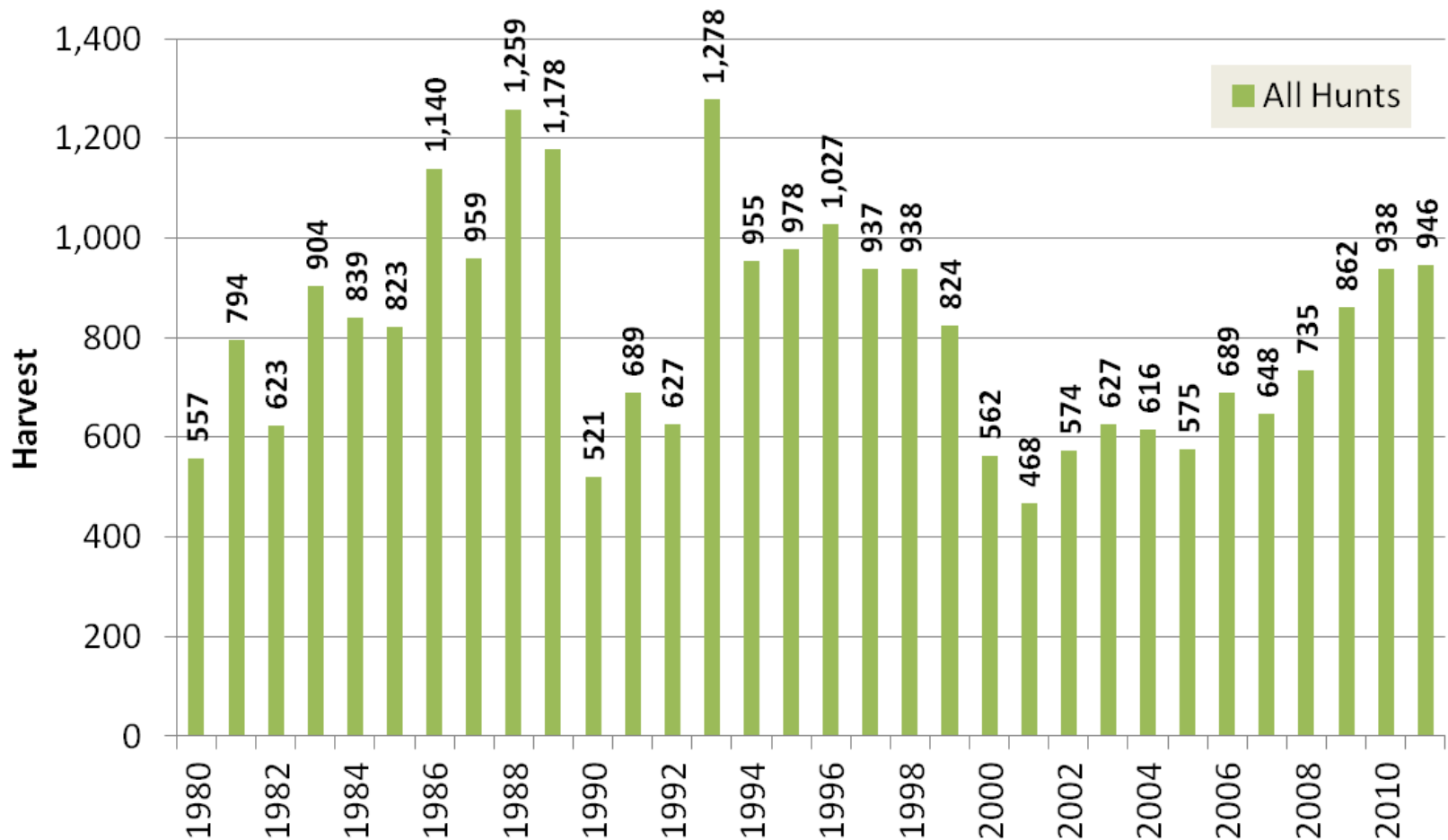
General Season	Sept. 1 – 20	SF, 50", 4 brow tines
Drawing Bull (DM330-334)	Sept. 1 – 20	One bull
Drawing Antlerless (DM325)	Sept. 1 – 20	One antlerless moose, no calves
Community Subs. (CM300)	Aug. 10 – Sept. 20	One bull
Federal Subs.	Aug. 1 – Sept. 20	One bull



NR

Drawing Bull (DM335-339)	Sept. 1 – 20	50", 4 brow tines
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Unit 13 Moose Harvest



Amount Reasonably Necessary for Subsistence 300 – 600
Intensive Management Objectives 1,050 – 2,180

Subsistence Hunt History

Caribou

- Most hunting under Tier II from 1991-2008
- ANS was “all harvestable”
- Registration hunt in 1996 and 1997 to reduce herd to objectives
 - 36,000 Tier I permits '96
 - 10,000 Tier II permits '96
 - 19,000 total hunters in '96

Moose

- ANS of 600
- Tier II 1995-2008 (150 permits)
- ANS change to 300-600
- General Season with antler restrictions

Both Species: Federal Seasons

Problems

- **Tier II criteria and scoring**
“Virtually since its inception, the Tier II subsistence permit system has been plagued with public complaints about inequities, unfairness, and false applications” (2006-170-BOG)
- **Lack of opportunity for many, including younger hunters**
- **Subsistence hunts not consistent with 8 criteria described by the Joint Boards**
Many Unit 13 hunters are “not true subsistence users” (2006-170-BOG)

Attempted Solutions

- Tier II modifications
- Tier I modifications
- Salvage requirements
- Trophy destruction
- Non-subsistence area
- Community Subsistence Harvest – limited
- Community Subsistence Harvest – open

Community Subsistence Harvest Program

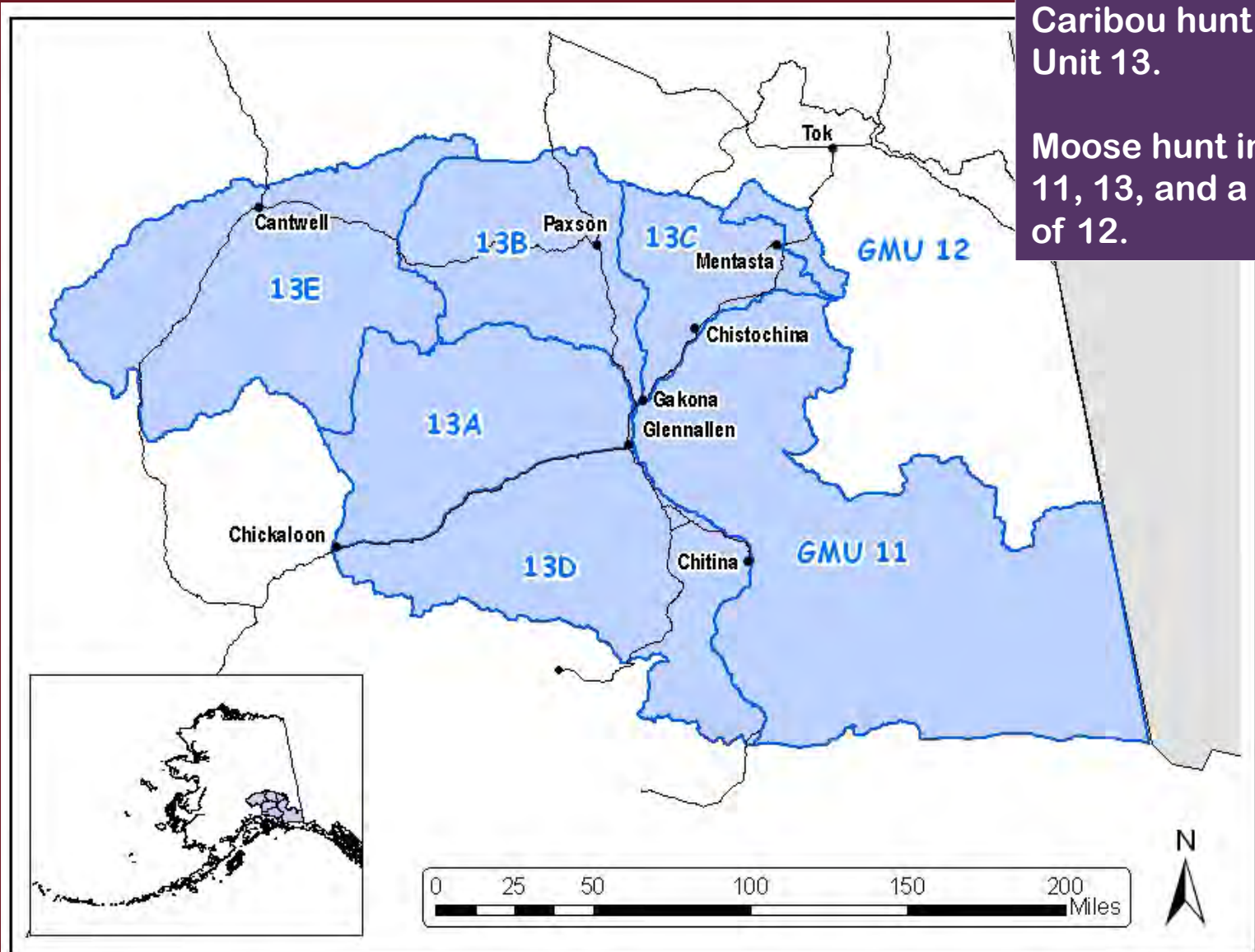
March 2009 Community Subs. Harvest (CSH) Area established based on Findings 2006-170-BOG

- *Established CSH Moose Hunt (CM300)*
- *Established CSH Caribou Hunt (CC001)*

June 2010 CSH hunts were stopped by the Court primarily due to a “local-residency” based eligibility requirements and procedural errors

Oct. 2010- BOG re-established CSH hunts expanded
March 2011 eligibility requirements (all AK residents)
based on Findings 2011-184-BOG

Copper Basin CSH Harvest Area



Caribou hunt only
Unit 13.

Moose hunt in Units
11, 13, and a portion
of 12.

CSH Caribou Hunt Conditions

- ▣ **Communities/Groups must have a minimum of 25 Alaska resident members**
- ▣ **One permit issued per household**
- ▣ **No member of the household may apply for other state caribou permits, or moose permits outside of the CSH Hunt Area, or hunt moose or caribou outside of the CSH Hunt Area**
- ▣ **Hunters must salvage all edible meat from the forequarters, hindquarters, ribs, neck and backbone, as well as the heart, liver, kidneys, and fat**
- ▣ **Any member of the group may hunt on behalf of another member as a designated hunter**
- ▣ **Each group must submit an annual report and re-apply annually**

CSH Caribou Hunt RY09-RY13

	<u>Groups</u>	<u>Households</u>	<u>Caribou Harvest</u>
RY09	1	477	127
RY10	No Hunt		
RY11	6	338	87
RY12	17	403	<i>137 prelim</i>
RY13	29	<i>690 est.</i>	

CSH Caribou Groups By Regional Area

<u>Region</u>	<u>Number of Groups</u>		
	RY11	RY12	RY13 Prelim
Copper Basin	3	4	3
Anchorage	0	2	8
Mat-Su	2	7	11
Kenai	0	3	4
Other	1	1	3
Totals	6	17	29

CSH Caribou Harvest By Regional Area

<u>Region</u>	<u>Total Caribou Harvested</u>	
	RY11	RY12 prelim
Copper Basin	53	38
Anchorage	8	25
Mat-Su	17	37
Kenai	1	36
Other	8	1
<hr/>		
Totals	87	137

*In RY11, 5 additional federal bulls were taken

*In RY12, federal harvest unknown

CSH Moose Hunt Conditions

- ▣ **Communities/Groups must have a minimum of 25 Alaska resident members**
- ▣ **One bull permit issued per household member**
- ▣ **No member of the household may apply for other state moose permits, or caribou permits outside of the CSH Hunt Area, or hunt moose or caribou outside of the CSH Hunt Area**
- ▣ **Must salvage all edible meat from the forequarters, hindquarters, ribs, neck and backbone, as well as the head, heart, liver, kidneys, stomach and hide**
- ▣ **Any member of the group may hunt on behalf of another member as a designated hunter**
- ▣ **Each group must submit an annual report and re-apply annually**

CSH Moose Hunt RY09-RY13

	<u>Groups</u>	<u>Households</u>	<u>Individuals</u>	<u>Total Moose Harvest</u> <u>(Any Bull*)</u>
RY09	1	246	378	100 (70)
RY10	No Hunt			
RY11	9	416	814	86 (59)
RY12	19	466	982	98 (73)
RY13	49	<i>1200 est.</i>	<i>2500 est.</i>	

*In 2009 up to 100 “any bulls” could be taken.

*In 2011 the limit changed to 70 “any bulls” due to reduced bull ratios.

RY11 CSH Moose Hunt Summary

	<i>Any Bull Quota</i>	Any Bull Harvest	Federal Harvest	SF, 50" Harvest	EO Issued
13A	10	10		5	17-Aug
13B Denali	6	4		4	12-Aug
13B Remainder	14	6	3	2	none
13C	10	13		7	none
13D	5	5	2	3	17-Aug
13E	15	20		4	none
GMU 11	10	1		2	none
GMU 12 Portion	0	0	0	0	
Total	70	59	5	27	

RY12 CSH Moose Hunt Summary

	<i>Any Bull Quota</i>	Any Bull Harvest	Federal Harvest	SF, 50" Harvest	EO Issued
13A	12	15		7	15-Aug
13B	17	22	1	1	3-Sept
13C	10	14		4	17-Sept
13D	8	7	1	4	28-Aug
13E	13	15	1	8	13-Sept
GMU 11	10	0		1	17-Sept*
GMU 12 Portion	0	0	0	0	
Total	70	73	3	25	

CSH Moose Groups By Regional Area

<u>Region</u>	<u>Number of Groups</u>		
	RY11	RY12	RY13 Prelim
Copper Basin	3	4	4
Anchorage	1	4	17
Mat-Su	2	8	22
Kenai	1	2	3
Other	2	1	3
Totals	9	19	49

CSH Moose Harvest By Regional Area

<u>Region</u>	<u>Total Moose Harvested (Any Bulls)</u>	
	RY11	RY12
Copper Basin	56 (39)	37 (21)
Anchorage	13 (7)	28 (22)
Mat-Su	14 (11)	23 (21)
Kenai	3 (2)	9 (8)
<u>Other</u>	<u>0 (0)</u>	<u>1 (1)</u>
Totals	86 (59)	98 (73)

*In RY11, 5 additional federal bulls were taken

*In RY12, 3 additional federal bulls were taken

CSH Subsistence Review

- Annual Reports are required for each group and hunt
- Reports are reviewed by Department staff
 - evaluate the extent to which each group is attempting to participate in and establish a pattern of subsistence
 - evaluated based on 8 subsistence criteria
- Reports receive *approval* or *conditional approval*,

In RY11, 4 of the 15 reports received *conditional approval* .

For RY12, 18 moose reports have been received but not yet evaluated. The caribou hunt remains open.

New Caribou Problems

- Population 44,000 caribou (objective of 35,000 – 40,000)
- The RY12 quota was 5,500 caribou (harvest to date is ~ 3,800)
- Increasing number of Tier I caribou applications each year

Possible Solutions

When necessary:

- Liberalize the drawing hunt bag limit to either sex
- Eliminate the cap on number of drawing permits that can be issued (currently 3,000)
- Increase bag limit to 2 caribou for any or all hunts
- Allow harvest in other units (GMUs 12, 14, and 20)
- Require multi-year participation

New Moose Problems

- Increasing number of Tier I CSH moose applications each year
- Administrating the moose hunt and communicating with groups of this magnitude will be extremely challenging
- Quick take of any bull quota

Possible Solutions

- Modify eligibility requirements
- Require participation in both moose and caribou CSH hunts
- Require multi-year participation
- Increase minimum group size
- Increase any bull quota
- 1 “any bull” moose / household

Proposal 73



EFFECT:

- ❖ Eliminate the Unit 13 Tier I Nelchina Caribou hunt (RC566) requirement that permittees may not hunt **caribou** or **moose** outside Unit 13 during the same regulatory year.

DEPARTMENT RECOMMENDATION: No Recommendation

Advisory Committee votes

Copper Basin *did not vote*, supported #72

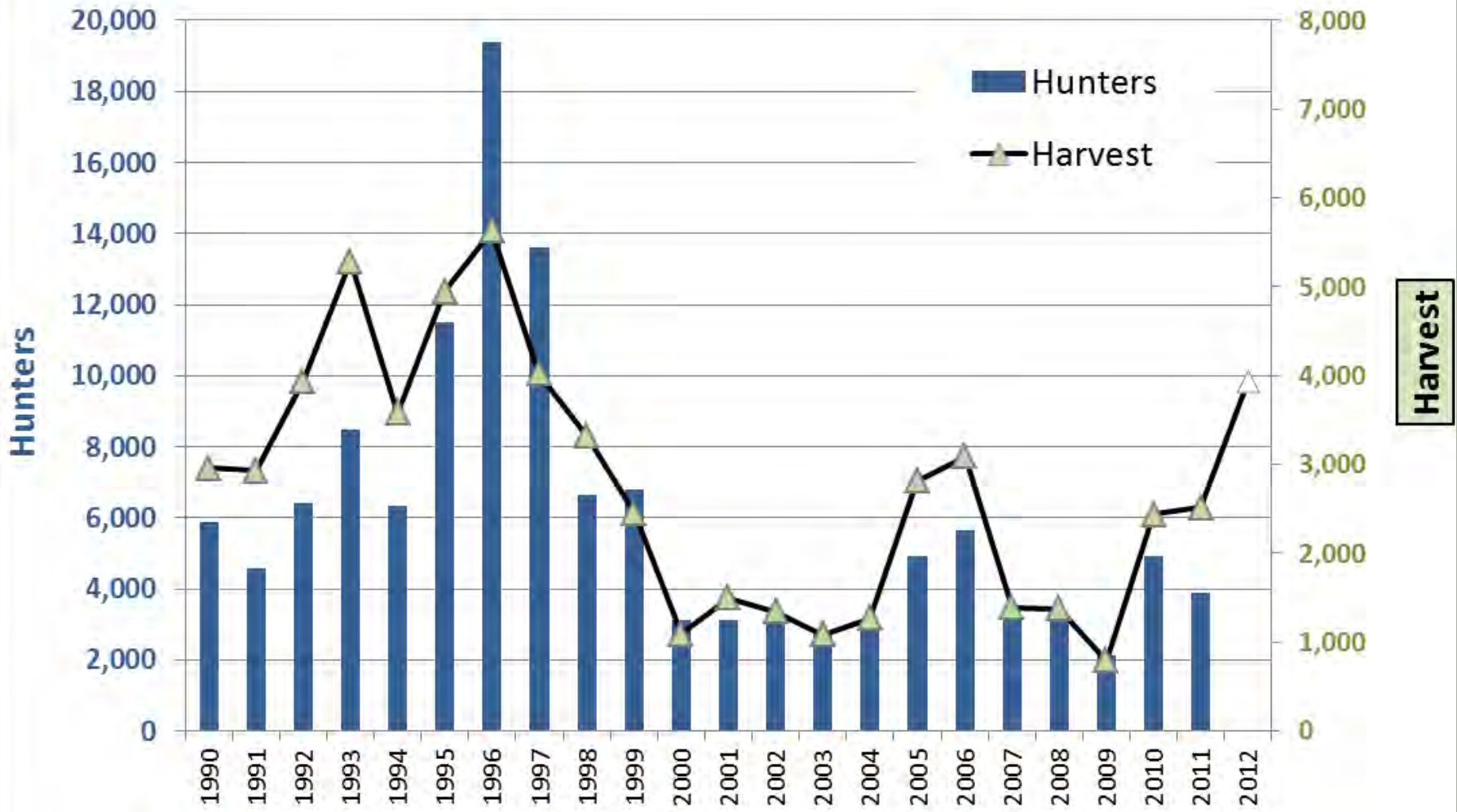
Tok Cutoff *did not vote*, opposed #72

Paxson *support*

Denali *did not meet*

Nelchina Caribou Herd

Hunters and Harvest



Unit 13 Moose

Bulls Observed in Count Areas and Hunter Numbers



Nelchina Caribou hunts and conditions

TIER I REGISTRATION (RC566)

- One caribou permit per household
- Household limited to hunting moose and caribou in Unit 13

COPPER BASIN CSH (*Community Subsistence Harvest*)

- One caribou harvest ticket per household
- Household limited to hunting moose in CSH area, caribou in Unit 13
- Strict salvage requirements

DRAWING HUNTS (DC480-483)

- One bull permit per person
- Draw odds range from 10 – 30%

Tier I (RC566) applications received:

<u>Reg Year</u>	<u>Applications</u>	<u>Permits Issued</u>
2009	3,323	500
2010	3,888	1,151
2011	3,274	3,148
2012	5,391	5,045
2013	7,041	

Drawing hunts (DC480-483) - no restrictions:

<u>Reg Year</u>	<u>Applications</u>	<u>Permits Issued</u>
2011	12,888	1,125
2012	12,547	3,000
2013	16,693	3,000

If Adopted, many drawing applicants would instead apply for the guaranteed Tier I permit. Instead of 7,000 Tier I applications, we would expect as many as 10,000 to 15,000 or more in coming years.

Proposal 73 *Summary*



EFFECT:

- ❖ Eliminate the Unit 13 Tier I Nelchina Caribou hunt (RC566) requirement that permittees may not hunt **caribou** or **moose** outside Unit 13 during the same regulatory year.

DEPARTMENT RECOMMENDATION: **No Recommendation**

Proposal 72



EFFECT:

- ❖ Eliminate the Unit 13 Tier I Nelchina Caribou hunt (RC566) requirement that permittees may not hunt **moose** outside Unit 13 during the same regulatory year.

DEPARTMENT RECOMMENDATION: Take No Action

Advisory Committee votes

Copper Basin support 11-0

Tok Cutoff opposed 0-4

Paxson support

Denali did not meet

Proposal 65

EFFECT:

- ❖ Each CSH group would be separately evaluated for eligibility
- ❖ Each group would have the opportunity to help establish seasons and limits to meet their subsistence needs
- ❖ Each group's quota would be managed independently from other group quotas and other Nelchina caribou hunts
- ❖ Eligibility for the Tier I Nelchina caribou hunt would change based on demonstrated C&T use of the area and resources

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

Copper Basin support 11-0

Tok Cutoff *no action*

Paxson opposed to CSH 0-5

Denali *did not meet*

Proposal 66

EFFECT:

- ❖ Repeal the Unit 13 Copper Basin CSH moose hunt (CM300)
- ❖ Establish two resident moose hunts
 - A resident “weighted” drawing highway corridor hunt for bull or cow, and
 - A resident registration moose hunt for the area of Unit 13 outside of the highway corridor with spike/fork or 50” or 3 brow tines

DEPARTMENT RECOMMENDATION:

No Recommendation – allocation of moose hunting opportunity

Do Not Adopt – Road corridor hunt structure

Advisory Committee votes

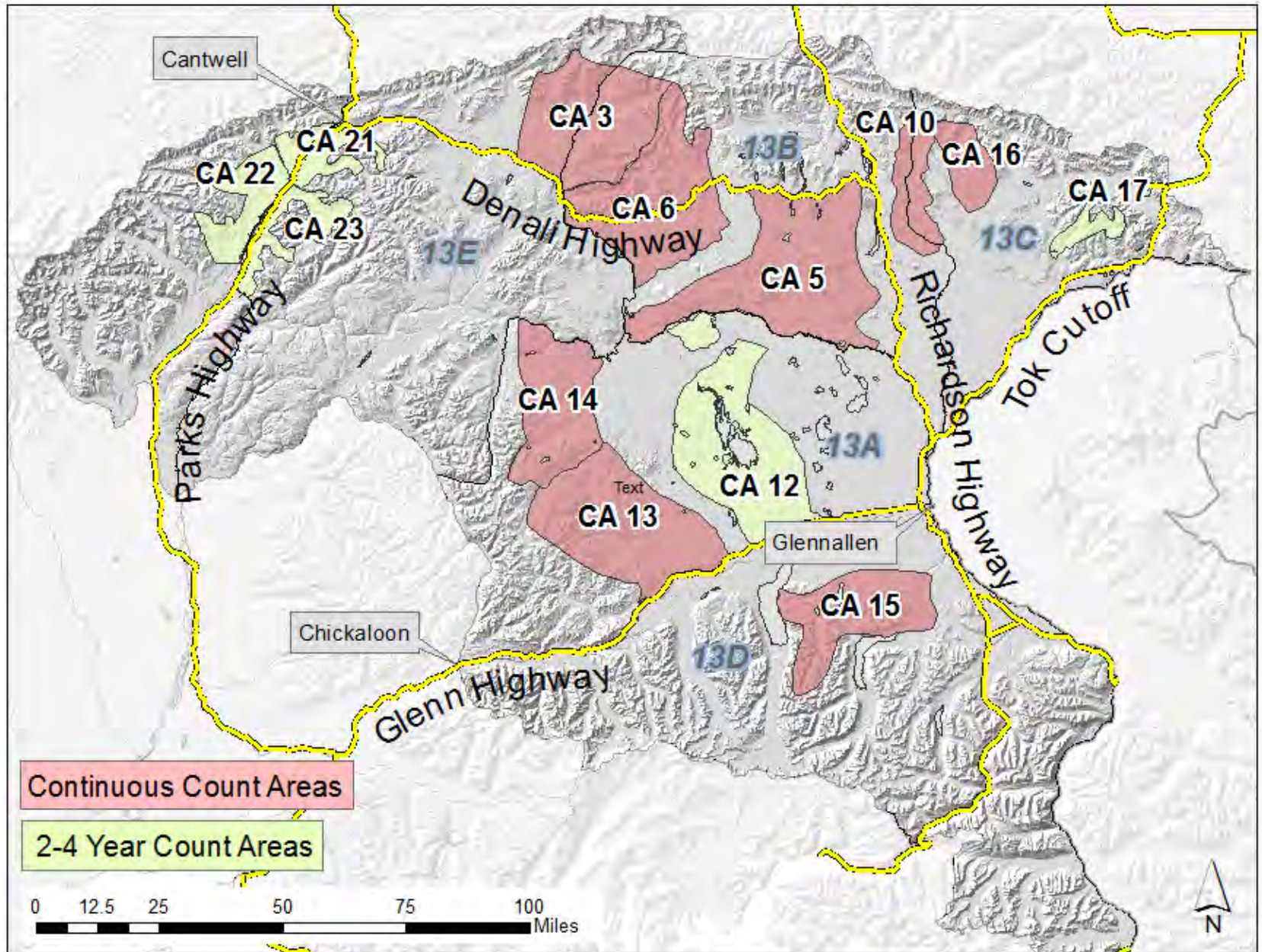
Copper Basin opposed 0-11

Tok Cutoff opposed 0-4

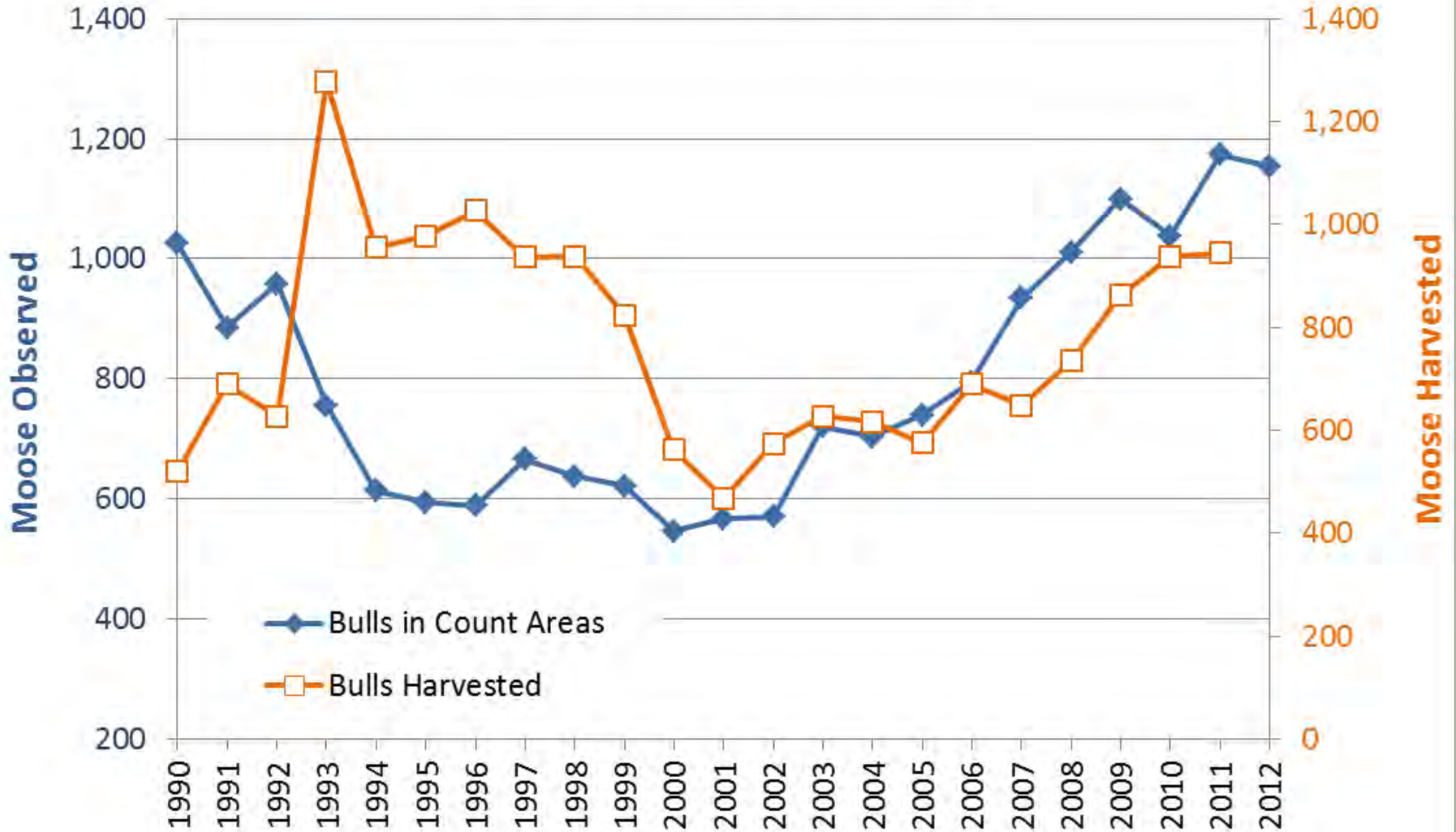
Paxson did not vote

Denali did not meet

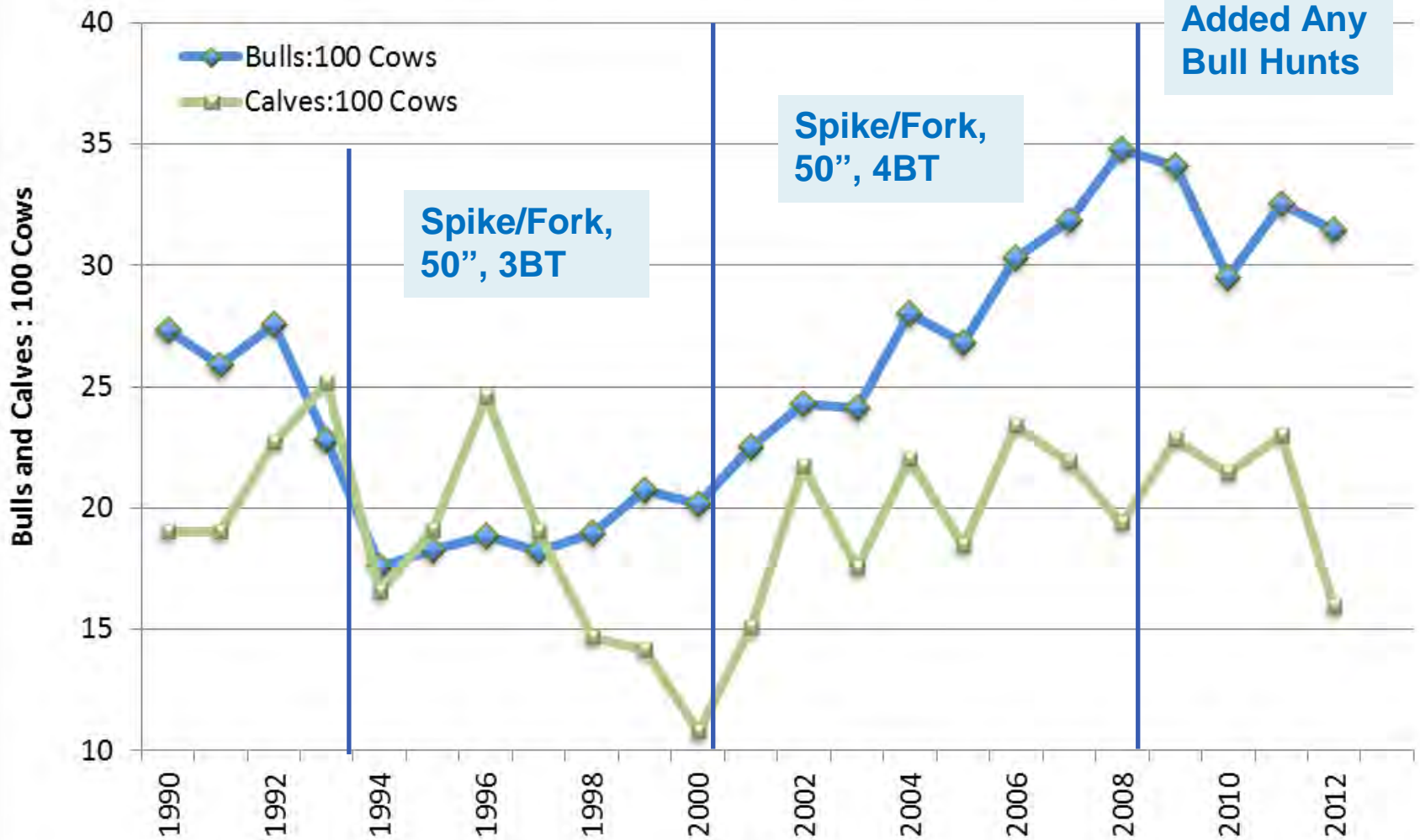
Unit 13 Moose Count Areas



Bull Moose Observed in Unit 13 Count Areas Bulls Harvested (all hunts)



Moose Composition Trends in Unit 13 Count Areas



Proposal 66

Summary

EFFECT:

- ❖ Repeal the Unit 13 Copper Basin CSH moose hunt (CM300)
- ❖ Establish two resident moose hunts
 - A resident “weighted” drawing highway corridor hunt for bull or cow, and
 - A resident registration moose hunt for the area of Unit 13 outside of the highway corridor with spike/fork or 50” or 3 brow tines

DEPARTMENT RECOMMENDATION:

No Recommendation – allocation of moose hunting opportunity

Do Not Adopt – Hunt structure

Proposal 67



EFFECT:

- ❖ Repeal the Copper Basin CSH hunt area
- ❖ Repeal the Unit 13 Tier I caribou hunts (CSH CC001 and RC566)
- ❖ Establish a weighted subsistence drawing hunt

DEPARTMENT RECOMMENDATION: **Take No Action**

Advisory Committee votes

Copper Basin *opposed 0-11, needed description of 'weighted' drawing*

Tok Cutoff *opposed 0-4, needed description of 'weighted' drawing*

Paxson *did not vote*

Denali *did not meet*

Proposal 68

EFFECT: Increase the minimum number of people necessary to establish a community subsistence harvest group/community from 25 to 50.

DEPARTMENT RECOMMENDATION: No Recommendation

Advisory Committee votes

Copper Basin *opposed 3-7-1*

Tok Cutoff *did not vote, questioned need for CSH*

Paxson *did not vote*

Denali *did not meet*

Caribou - CSH groups for caribou hunting in Unit 13 during regulatory year 2012.

Group	Group Name	No. of Households	No. Individual Participants
1	Tolsona Caribou	14	36
2	Reed Lake	11	26
3	Cohoe Providers	26	38
4	Hendon	14	25
5	Russel	13	36
6	Cal's Group	11	30
7	Dalzell Clan	13	25
8	Ahtna Community Subsistence Harvest Prog.	148	271
9	GMU 13 Traditional Users Group	18	38
10	Matanuska Village	30	68
11	Lazy Mountain Hunters	10	30
12	Long Timers For Caribou	14	33
13	Alaska Sourdough Community	13	28
14	Kenny Lake Homesteaders	19	35
15	Cordilleran	22	42
16	Meadow Lakes Nomads	19	34
17	Efficient Economical Harvest	8	33
		403	828

Moose - CSH groups for moose hunting in Units 11, 12, and 13 during regulatory year 2012

Group	Group Name	No. of Households	No. Individual Participants
1	Tolsona Moose	16	39
2	Reed Lake	14	35
3	Hendon	15	27
4	Russel	13	36
5	Urban Culture Delegation	50	101
6	Cal's Group	11	30
7	Dalzell Clan	13	25
8	Ahtna Community Subsistence Harvest Prog.	160	289
9	GMU 13 Traditional Users Group	17	34
10	Matanuska Village	29	64
11	Lazy Mountain Hunters	10	30
12	Long Timers For Moose	14	30
13	Aksala	12	29
14	Alaska Sourdough Community	13	28
15	Kenny Lake Homesteaders	20	37
16	Cordilleran	20	40
17	Wasilla Moose Hunters	7	28
18	Meadow Lakes Nomads	19	34
19	Efficient Economical Harvest	7	33
		460	969

Proposal 68

Summary

EFFECT: Increase the minimum number of people necessary to establish a community subsistence harvest group/community from 25 to 50.

DEPARTMENT RECOMMENDATION: **No Recommendation**

Proposal 69



EFFECT: Increase the limit of “any bulls” allowed for the Unit 13 Copper Basin CSH hunt from 70 to 100.

DEPARTMENT RECOMMENDATION: No Recommendation

Advisory Committee votes

Copper Basin support 11-0

Tok Cutoff opposed 0-4

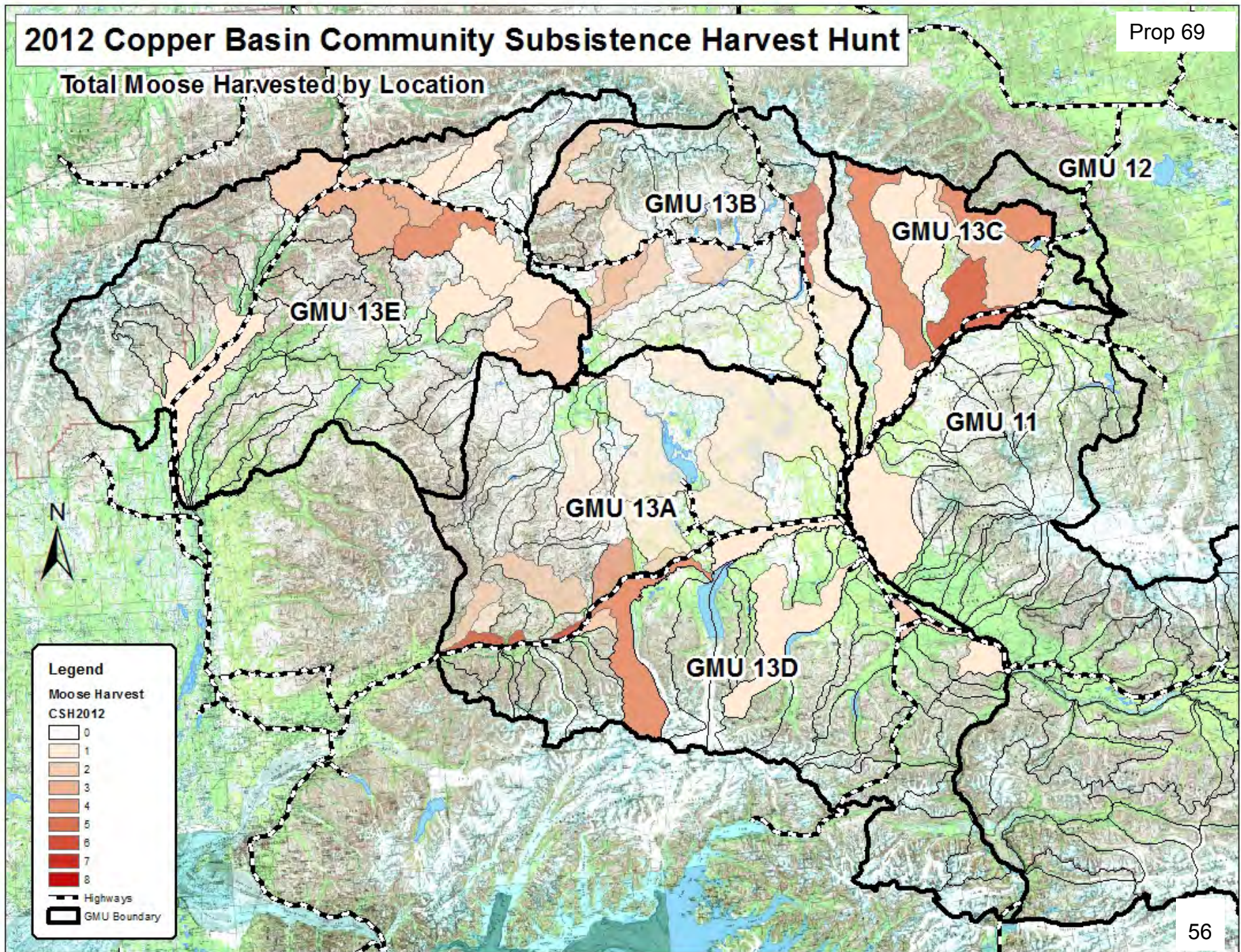
Paxson opposed

Denali did not meet

2012 Copper Basin Community Subsistence Harvest Hunt

Prop 69

Total Moose Harvested by Location



2012 “Any Bull” Harvest Limits and Take

“Any Bull” Limit	“Any Bull” Take	Hunt Area	General Season Antler Restriction
none	None	Open portion of Unit 12	Spike/fork, or 50" antlers, or 4 BT
12	15	subunit 13A	Spike/fork, or 50" antlers, or 4 BT
17	22 ^a	subunit 13B	Spike/fork, or 50" antlers, or 4 BT
10	14	subunit 13C	Spike/fork, or 50" antlers, or 4 BT
8	7 ^a	subunit 13D	Spike/fork, or 50" antlers, or 4 BT
13	15 ^a	subunit 13E	Spike/fork, or 50" antlers, or 4 BT
10	0	Unit 11	Spike/fork, or 50" antlers, or 3 BT

^a Additional bulls taken by CSH hunters under the federal regulations: 1 in 13B, 1 in 13D, and 1 in 13E (*preliminary data*).

CSH Moose

2011 and 2012

Emergency Order Dates

	2011	2012
13A	August 17	August 15
13B Denali Highway	August 12	N/A
13B Remainder	None	September 3
13C	None	September 17
13D	August 17	August 28
13E	None	September 13
Unit 11	None	September 17

Season August 10 – September 20

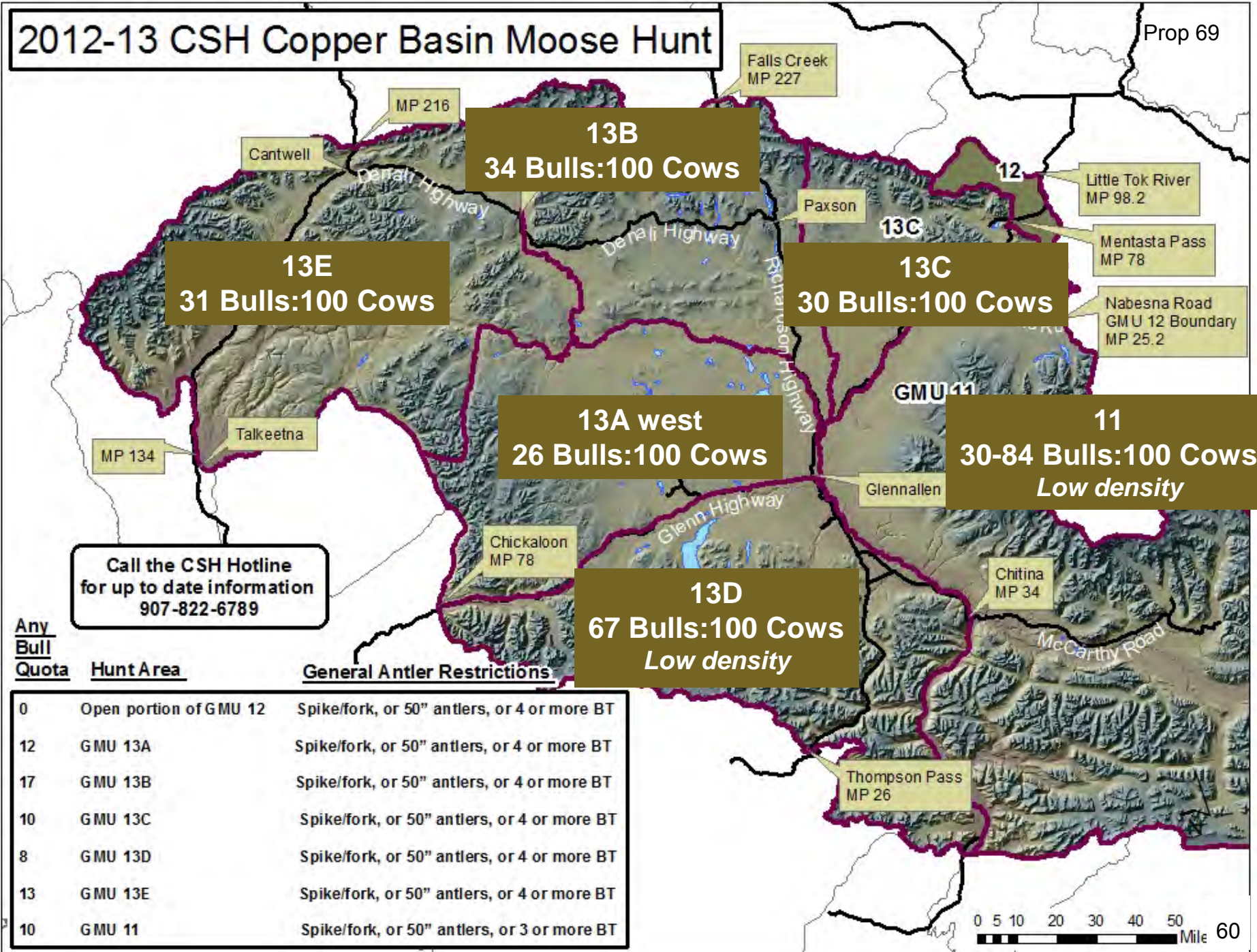
Emergency Orders change bag limit from “any bull” to the general season antler restrictions

Moose Harvest by Subunit

	Hunt	RY11	RY12 <i>prelim</i>
13A	General Season	265	168
	CSH	15	22
	Drawing	10	8
	Federal	3	unk
13B	General Season	170	109
	CSH	16	23
	Drawing	34	22
	Federal	48	unk
13C	General Season	80	63
	CSH	20	18
	Drawing	12	7
	Federal	1	unk
13D	General Season	58	27
	CSH	8	11
	Drawing	5	3
	Federal	12	unk
13E	General Season	145	97
	CSH	24	23
	Drawing	4	2
	Federal	7	unk
Unit 11	General Season/Regist.	34	35
	CSH	3	1
	Federal	27	Unk

2012-13 CSH Copper Basin Moose Hunt

Prop 69



13E
31 Bulls:100 Cows

13B
34 Bulls:100 Cows

12
13C
30 Bulls:100 Cows

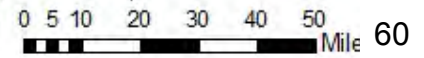
13A west
26 Bulls:100 Cows

11
30-84 Bulls:100 Cows
Low density

13D
67 Bulls:100 Cows
Low density

Call the CSH Hotline
for up to date information
907-822-6789

Any Bull Quota	Hunt Area	General Antler Restrictions
0	Open portion of GMU 12	Spike/fork, or 50" antlers, or 4 or more BT
12	GMU 13A	Spike/fork, or 50" antlers, or 4 or more BT
17	GMU 13B	Spike/fork, or 50" antlers, or 4 or more BT
10	GMU 13C	Spike/fork, or 50" antlers, or 4 or more BT
8	GMU 13D	Spike/fork, or 50" antlers, or 4 or more BT
13	GMU 13E	Spike/fork, or 50" antlers, or 4 or more BT
10	GMU 11	Spike/fork, or 50" antlers, or 3 or more BT



Proposal 69

Summary



EFFECT: Increase the limit of “any bulls” allowed for the Unit 13 Copper Basin CSH hunt from 70 to 100.

DEPARTMENT RECOMMENDATION: **No Recommendation**

Proposal 70

EFFECT:



❖ Eliminate existing nonresident drawing hunts in Unit 13

- 13A DM335
- 13B DM336
- 13C DM337
- 13D DM338
- 13E DM339

❖ Establish a nonresident general season

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

Copper Basin *opposed 0-11*

Tok Cutoff *opposed 0-4*

Paxson *tied 2-2-1*

Denali *did not meet*

Unit 13

Nonresident Moose Drawing Hunts 2009-2012

RY	Applications Received	Permits awarded	% Drawn	Bulls Harvested	No. Hunters	% Success
2009	224	50	22%	12	33	36%
2010	393	115	29%	13	60	22%
2011	428	65	15%	16	35	46%
2012	751	105	14%	9	56	16%

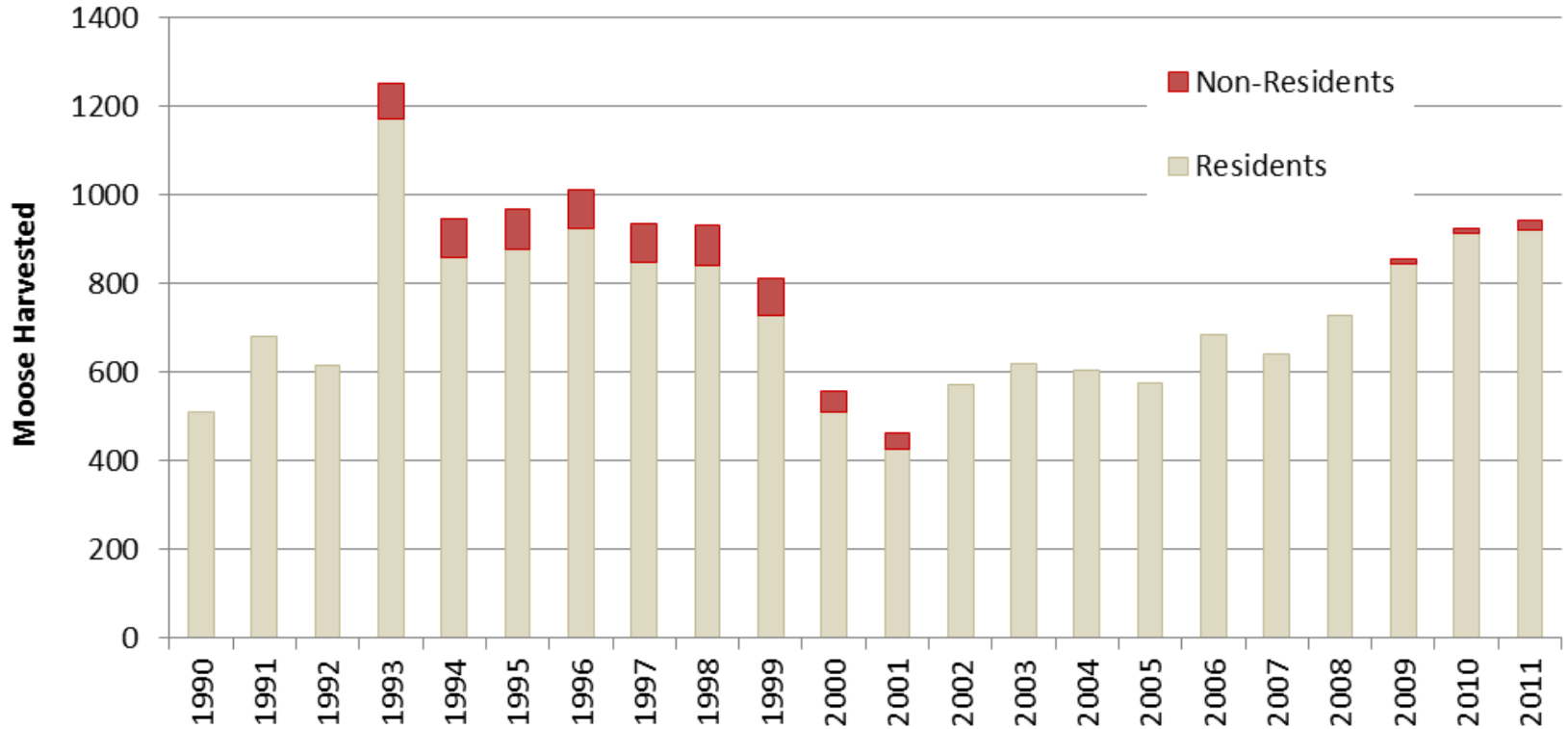
The current limit on nonresident permits is 150

Unit 13

Nonresident Moose Drawing Hunts 2012

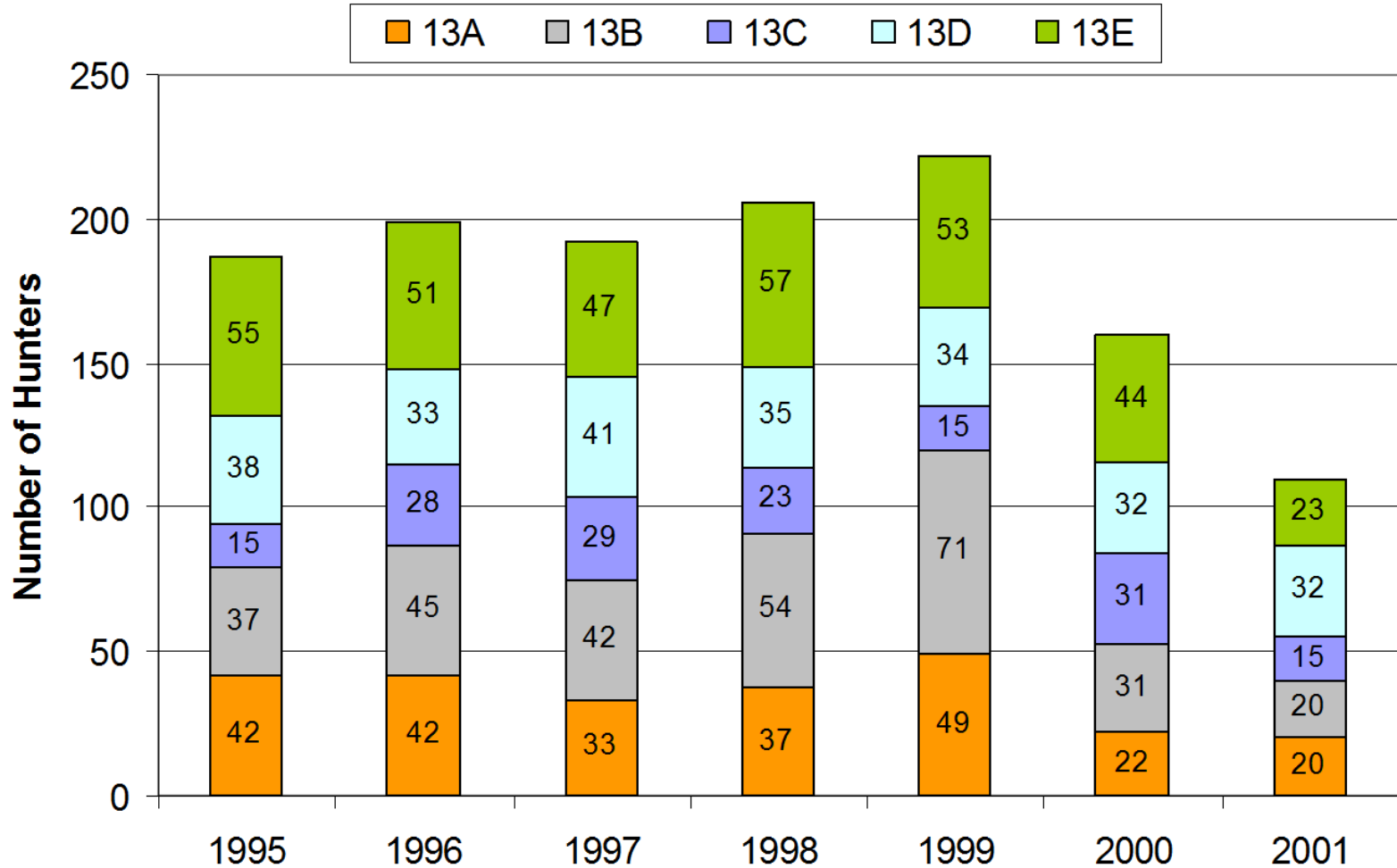
Subunit	Applications Received	Permits Available	% Drawn	Bulls Harvested	No. Hunters	% Success
13A	165	20	12%	1	9	11%
13B	173	25	14%	1	14	7%
13C	58	20	34%	2	10	20%
13D	176	20	11%	3	11	27%
13E	179	20	11%	2	12	17%
Total	751	105	14%	9	56	16%

Unit 13 Moose Harvest by residency



Amount Reasonably Necessary for Subsistence for Unit 13 is 300 – 600 moose

Total Nonresident General Moose Hunters GMU13



The nonresident general hunt ended after 2001

Proposal 70

Summary



EFFECT:

❖ Eliminate existing nonresident drawing hunts in Unit 13

- 13A DM335
- 13B DM336
- 13C DM337
- 13D DM338
- 13E DM339

❖ Establish a nonresident general season

DEPARTMENT RECOMMENDATION: **No Recommendation**

Proposal 71

EFFECT:



- ❖ Eliminate existing nonresident drawing hunts in Unit 13
 - 13A DM335
 - 13B DM336
 - 13C DM337
 - 13D DM338
 - 13E DM339

- ❖ Establish a nonresident drawing moose hunt in subunit 13B outside a 5-mile corridor on each side of the Richardson Highway.

DEPARTMENT RECOMMENDATION: **Take No Action**

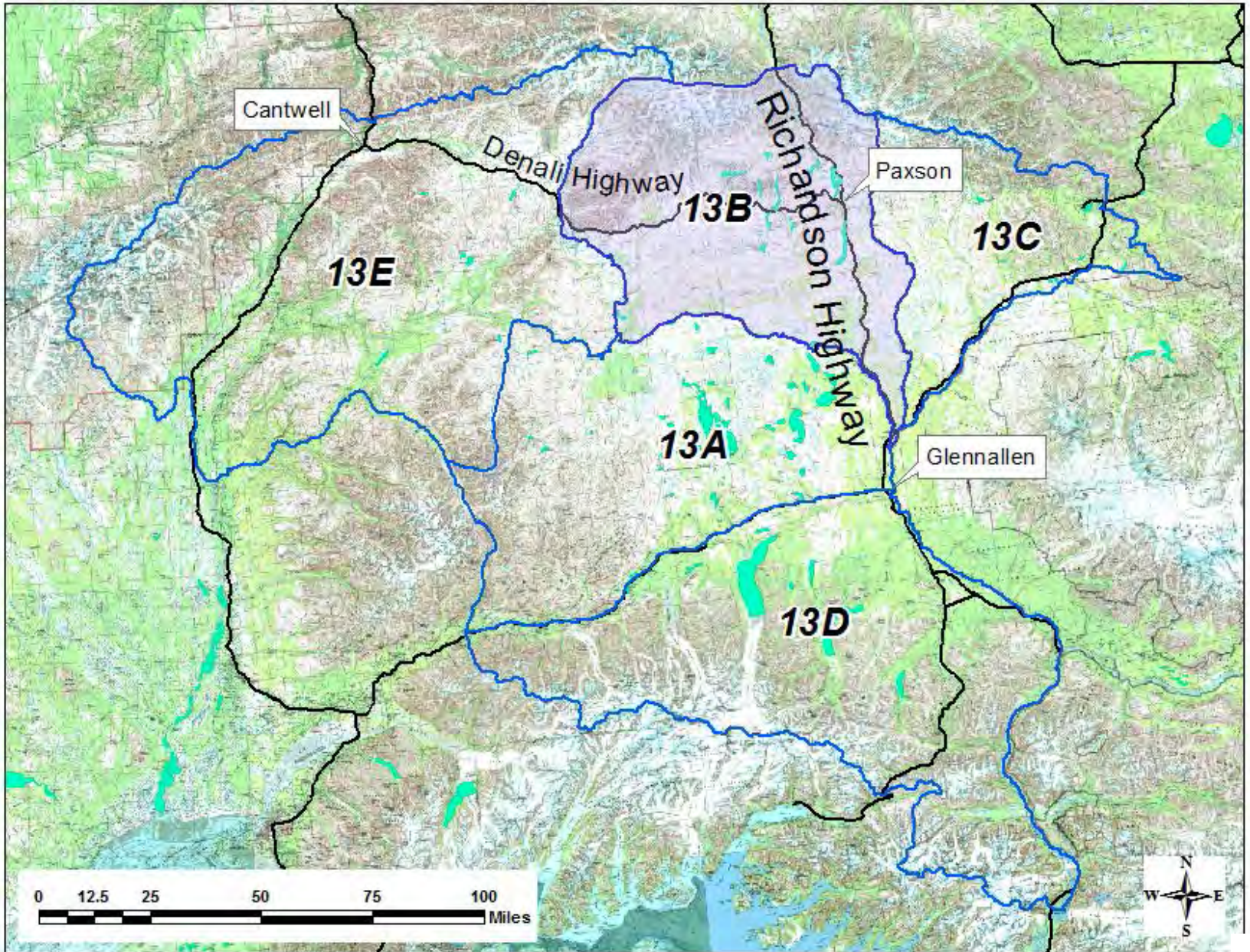
Advisory Committee votes

Copper Basin *opposed 0-11*

Tok Cutoff *opposed 0-4*

Paxson *opposed 1-4*

Denali *did not meet*



Proposal 71

Summary



EFFECT:

- ❖ Eliminate existing nonresident drawing hunts in Unit 13
 - 13A DM335
 - 13B DM336
 - 13C DM337
 - 13D DM338
 - 13E DM339

- ❖ Establish a nonresident drawing moose hunt in subunit 13B outside a 5-mile corridor on each side of the Richardson Highway.

DEPARTMENT RECOMMENDATION: **Take No Action**

Proposal 75



EFFECT:

- ❖ Allow brown bear baiting over registered black bear bait stations in all of Unit 13

DEPARTMENT RECOMMENDATION: No Recommendation

Advisory Committee votes

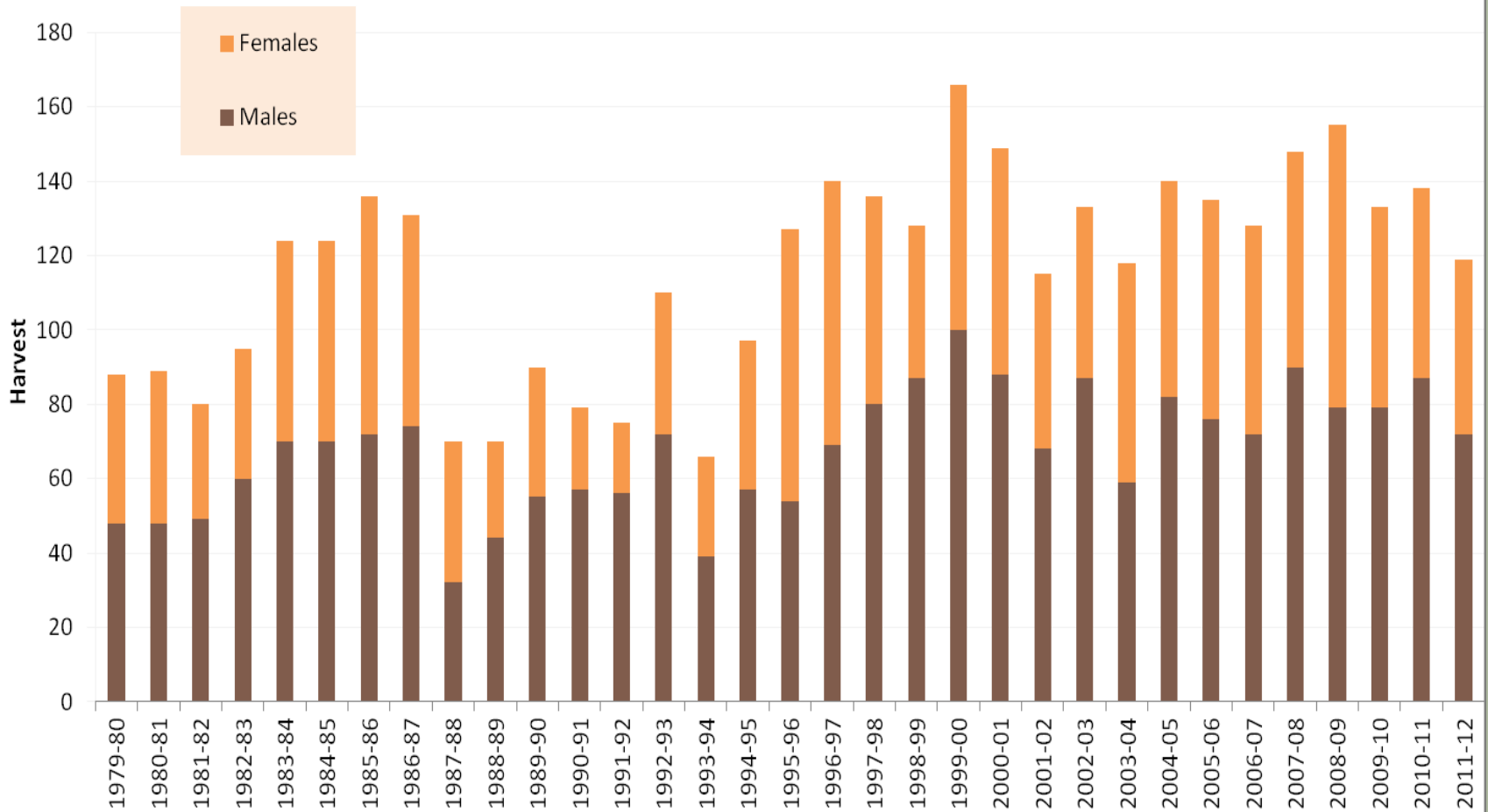
Copper Basin *did not vote, supported #74*

Tok Cutoff *did not vote, supported #77*

Paxson *opposed 0-5*

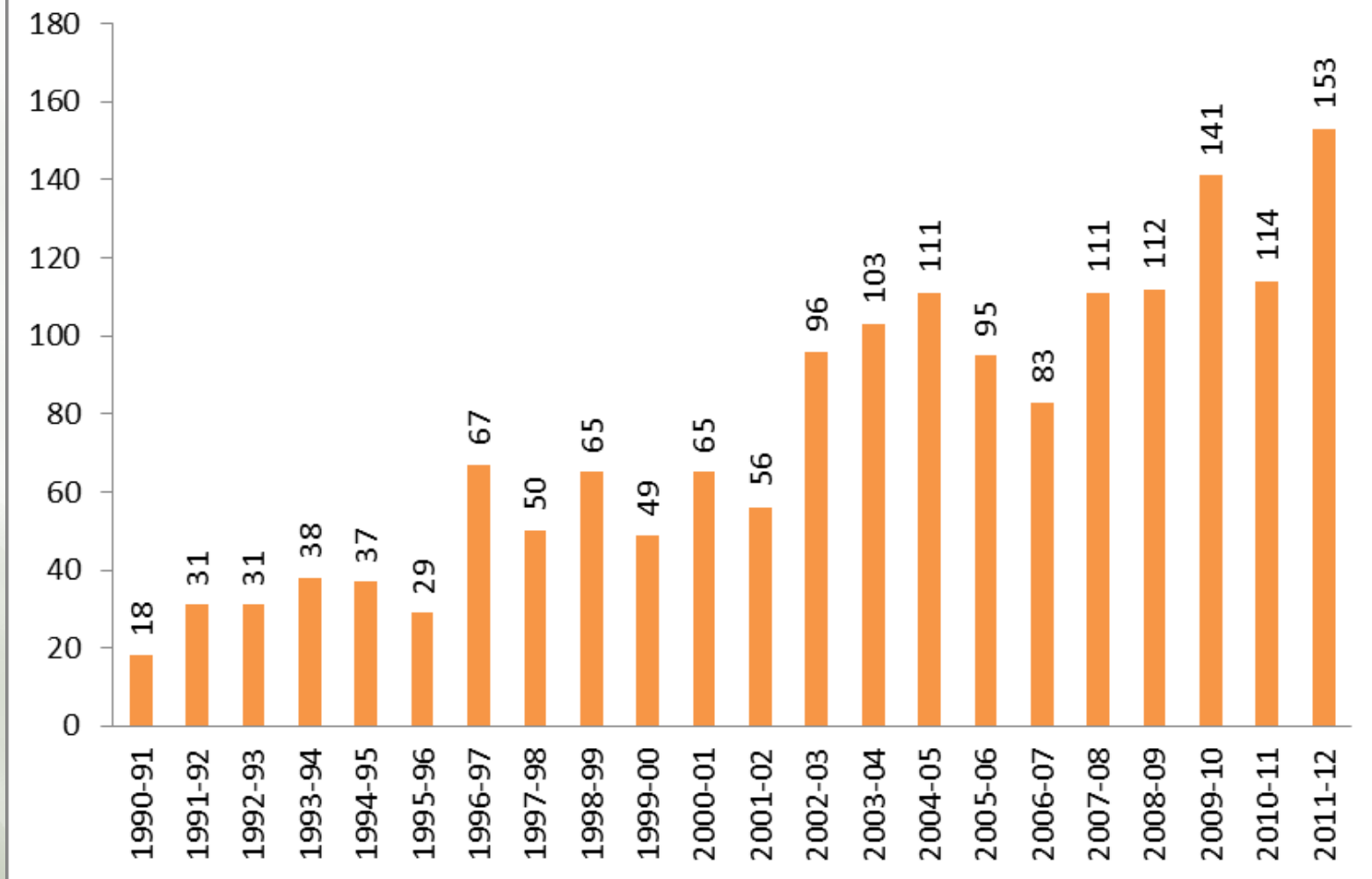
Denali *did not meet*

GMU 13 BROWN BEAR HARVEST



1 Bear / 4 Years	1 Bear / Year	1 Bear / 4 Years	1 Bear / Year	
September Season Opening			8/10 Opening	6/15 Close
			12mo season	

Registered Black Bear Stations - Unit 13



58% of bait stations are in Subunit 13D (RY09-RY11)

Proposal 75 *Summary*



EFFECT:

- ❖ Allow brown bear baiting over registered black bear bait stations in all of Unit 13.

DEPARTMENT RECOMMENDATION: No Recommendation

Proposal 78



EFFECT:

- ❖ Allow brown bear baiting over registered black bear bait stations for subunit 13D for the existing season dates for black bear baiting (April 15 – June 30)
- ❖ Establish a bear baiting fall season (August 20 – October 31)

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

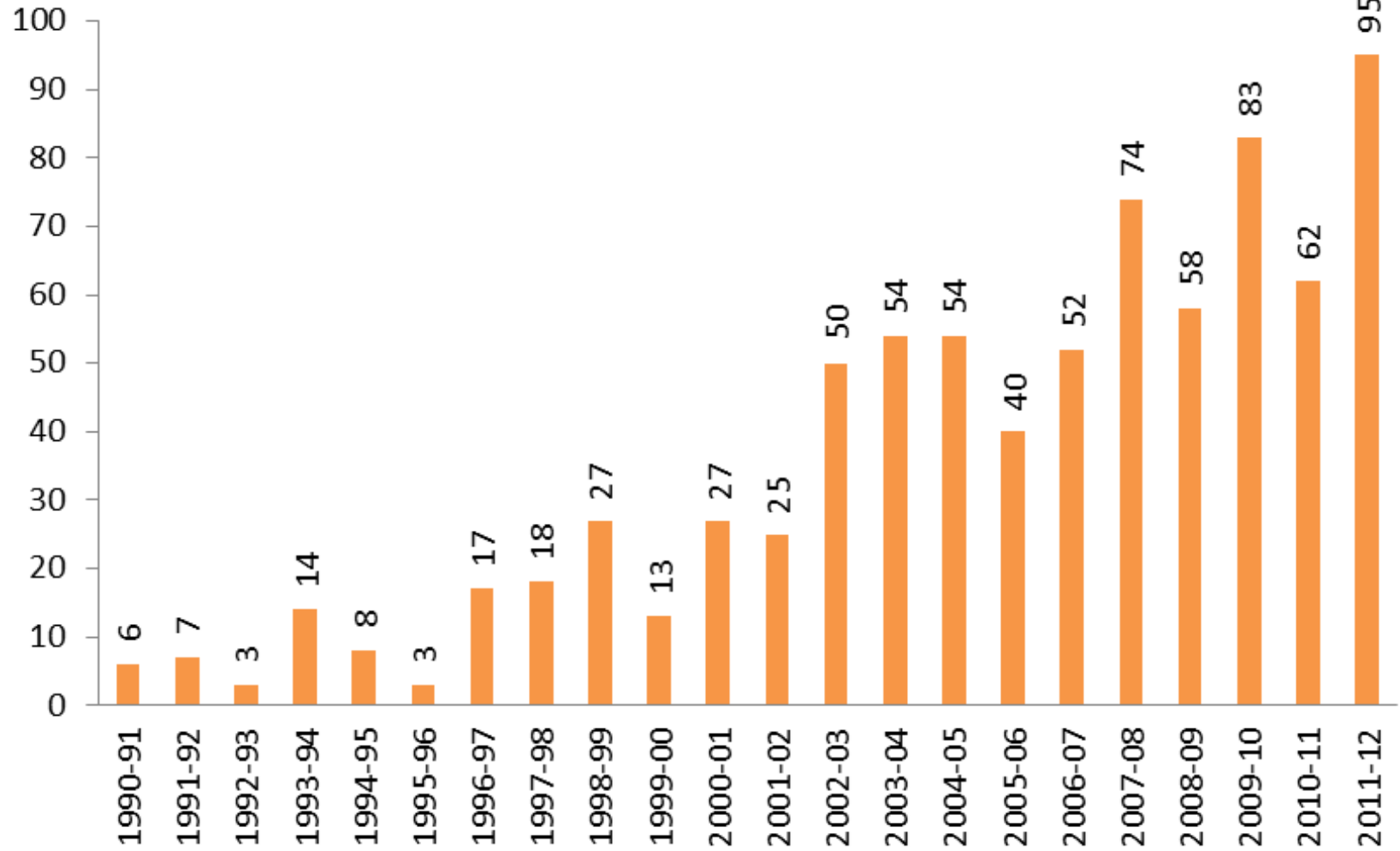
Copper Basin *did not vote, supported #74*

Tok Cutoff *did not vote, supported #77*

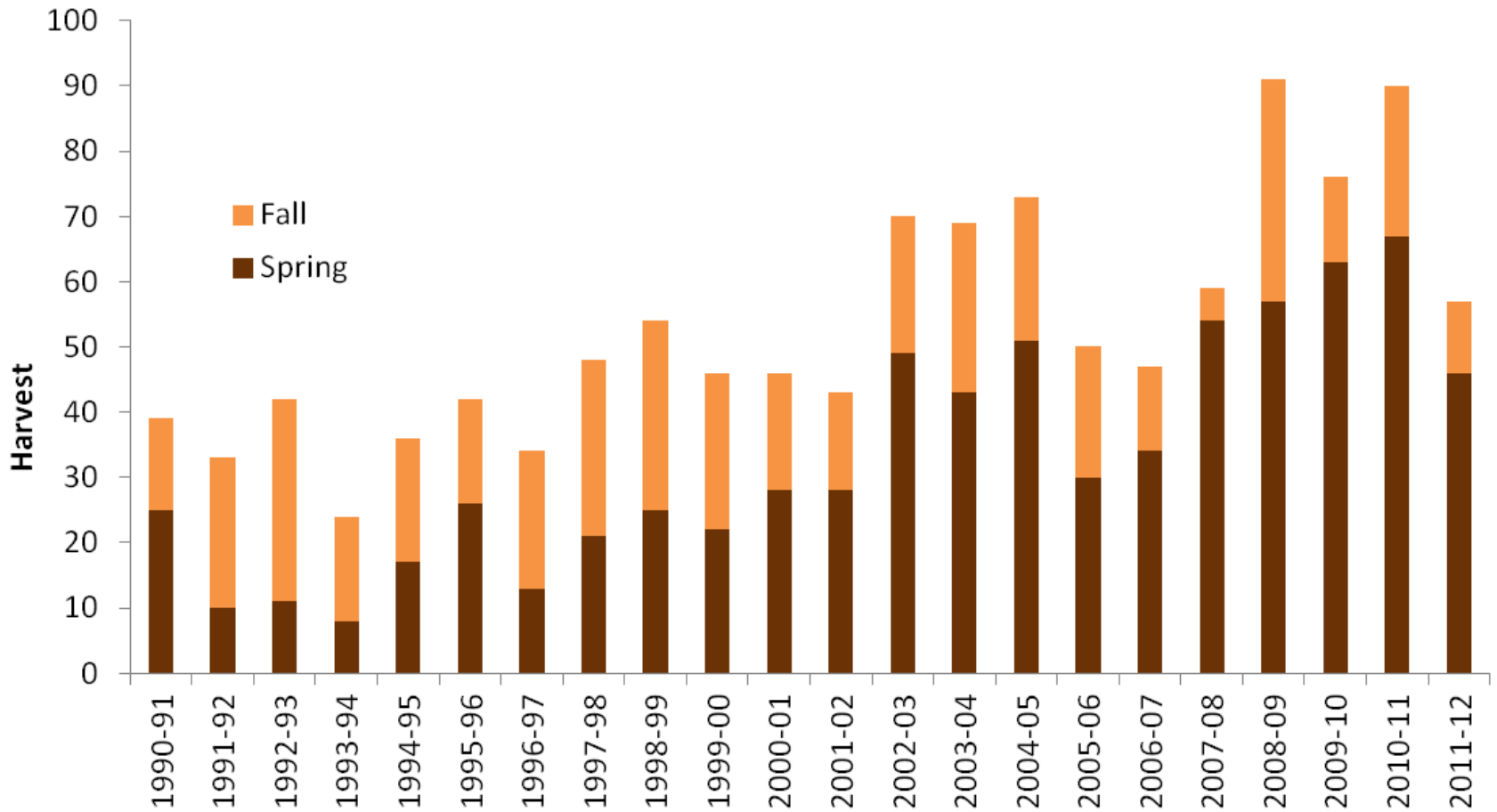
Paxson *opposed 0-5*

Denali *did not meet*

Registered Black Bear Stations - Subunit 13D

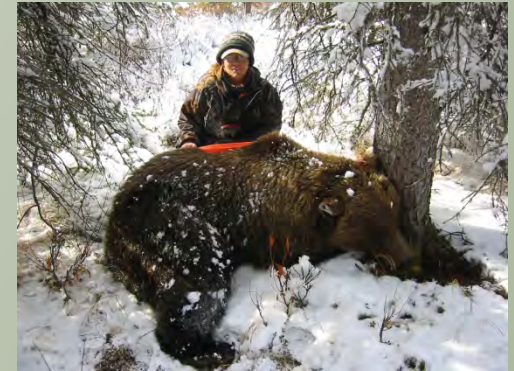


Black Bear Harvest by Season - Subunit 13D



Proposal 78

Summary



EFFECT:

- ❖ Allow brown bear baiting over registered black bear bait stations for subunit 13D for the existing season dates for black bear baiting (April 15 – June 30)
- ❖ Establish a bear baiting fall season (August 20 – October 31)

DEPARTMENT RECOMMENDATION: **No Recommendation**

Proposal 74

EFFECT:

- ❖ Allow brown bear baiting over registered black bear bait stations in subunit 13D with prior baiting history.

DEPARTMENT RECOMMENDATION: Take No Action

Advisory Committee votes

Copper Basin *support 11-0*

Tok Cutoff *did not vote, supported #77*

Paxson *opposed 0-5*

Denali *did not meet*

Proposal 76

EFFECT:

- ❖ Allow brown bear baiting over registered black bear bait stations in subunit 13D.

DEPARTMENT RECOMMENDATION: Take No Action

Advisory Committee votes

Copper Basin *did not vote, supported #74*

Tok Cutoff *did not vote, supported #77*

Paxson *opposed 0-5*

Denali *did not meet*

Proposal 77

EFFECT:

- ❖ Allow brown bear baiting over registered black bear bait stations in all of Unit 13 with shorter season dates (April 15 – May 31) than existing season dates for black bear baiting (April 15 – June 30).

DEPARTMENT RECOMMENDATION: Take No Action

Advisory Committee votes

Copper Basin *did not vote, supported #74*

Tok Cutoff *supported 4-0*

Paxson *opposed 0-5*

Denali *did not meet*

Proposal 81



EFFECT:

- ❖ Modifies the Intensive Management (IM) moose population and harvest objectives for each subunit in Unit 13.

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

Copper Basin support 11-0

Tok Cutoff support 4-0

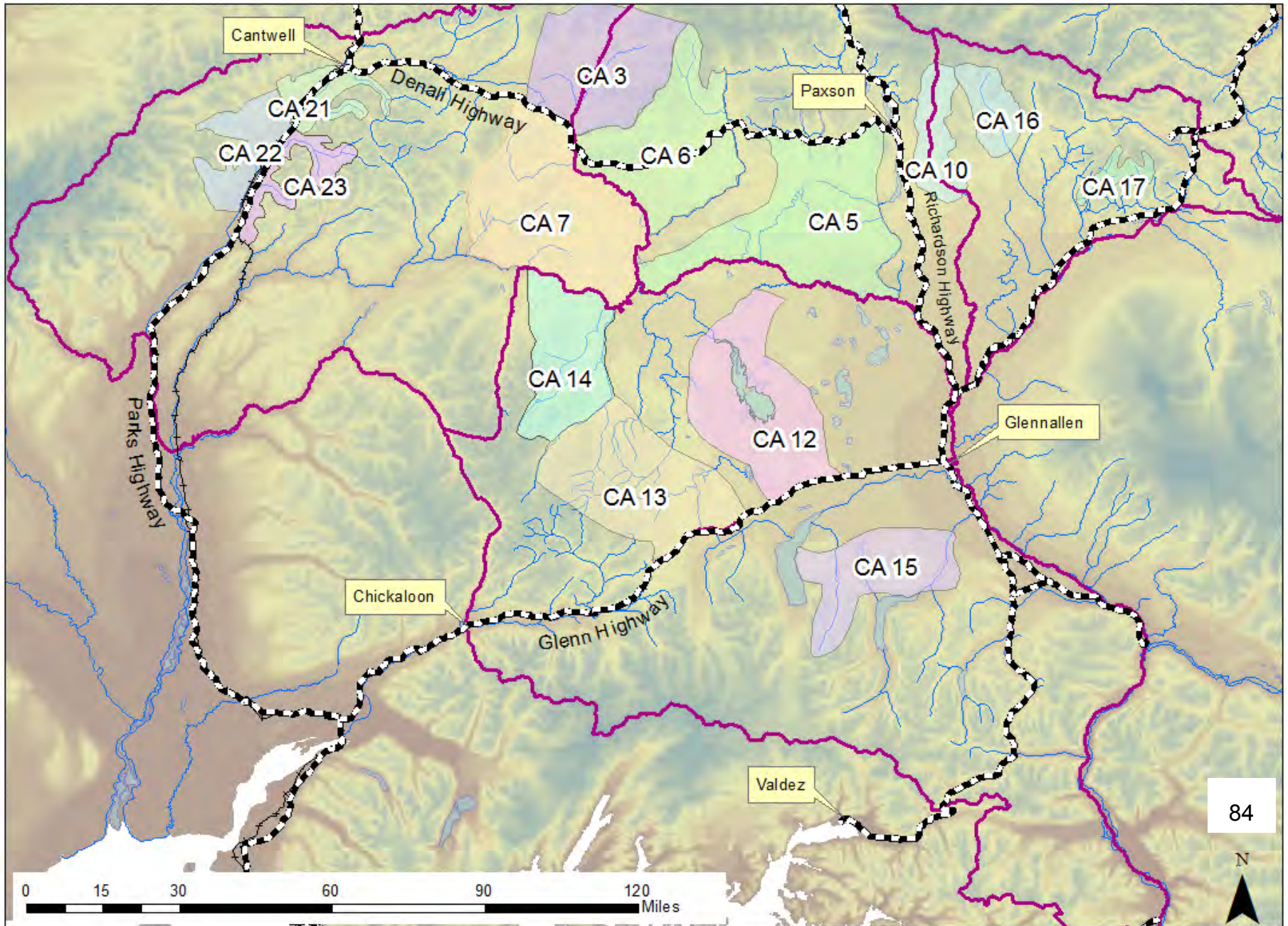
Paxson support 5-0

Denali did not meet

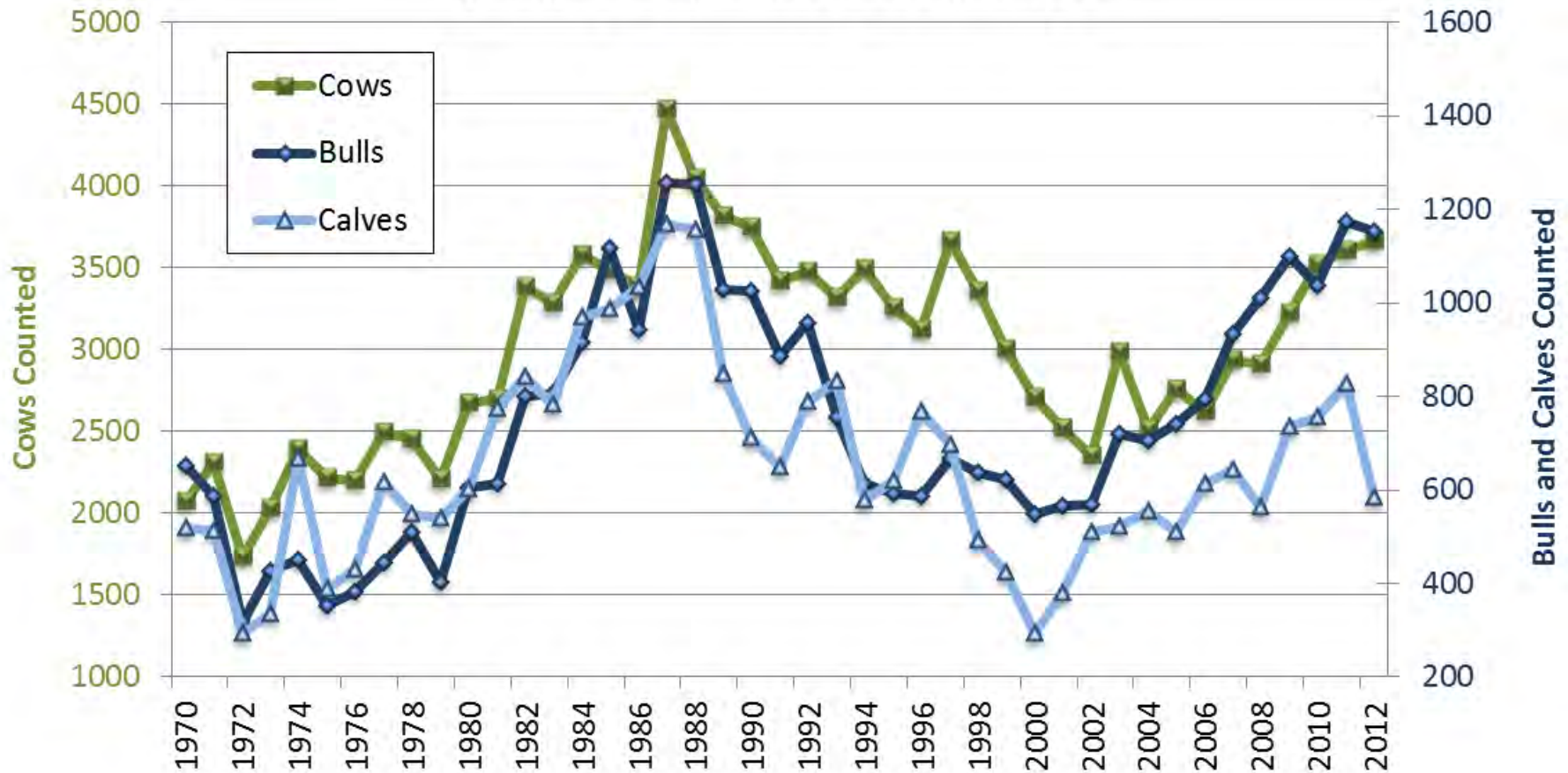
Subunit	Moose Population Objective Range	Harvest Objective	Harvest Objective Range:
13A	3,500–4,200	7%	<u>245–294</u> [210–420]
13B	5,300–6,300	5%	<u>265–315</u> [310–620]
13C	<u>2,000–3,000</u> [2,600–3,500]	5%	<u>100–150</u> [155–350]
13D	<u>1,500–2,200</u> [1,200–1,900]	5%	<u>75–110</u> [75–190]
13 E	<u>5,500–6,500</u> [5,000–6,000]	5%	<u>275–325</u> [300–600]

Unit 13 Moose Composition Count Areas

Prop 81



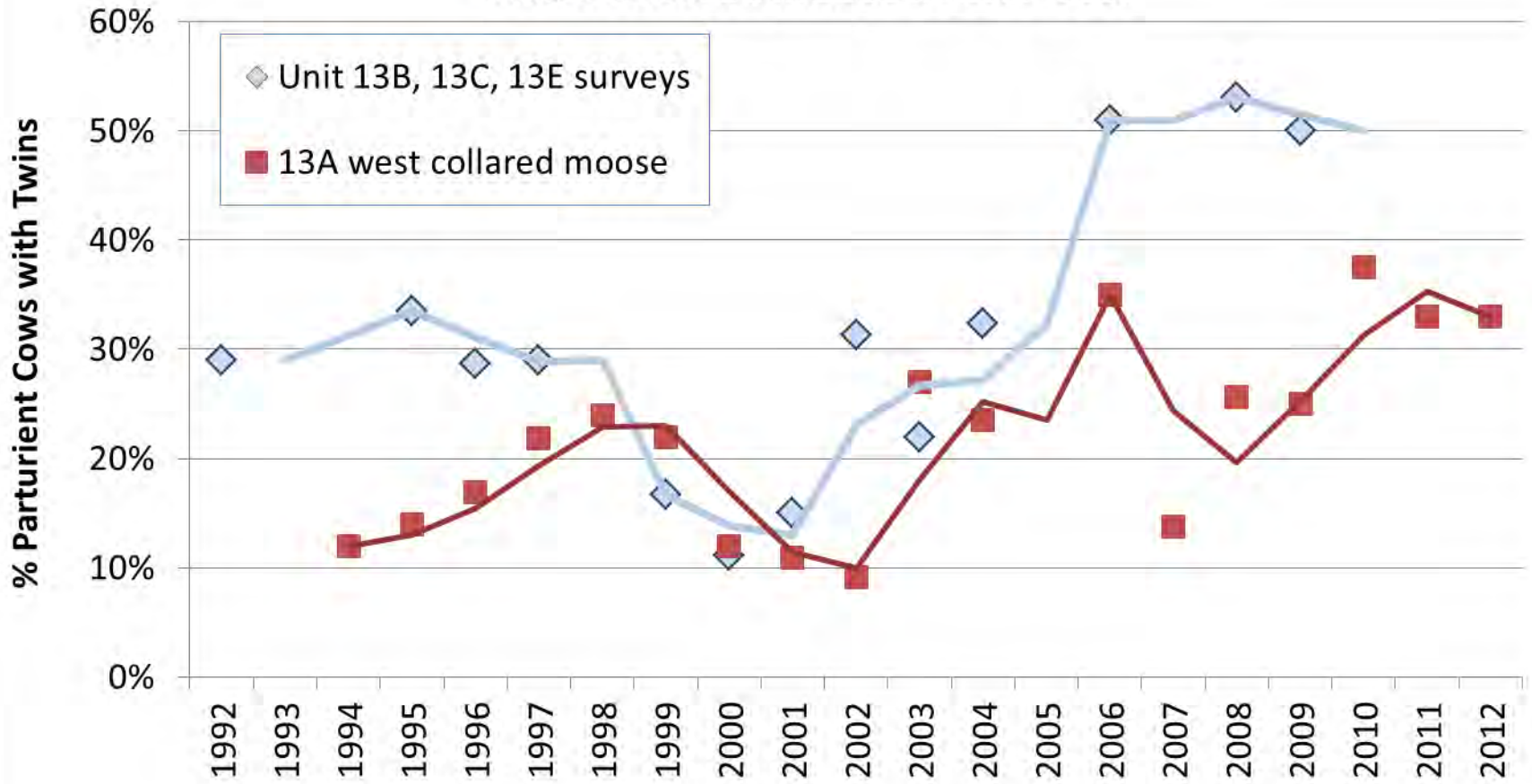
BULLS, COWS, and CALVES COUNTED In Unit 13 Continuous Count Areas



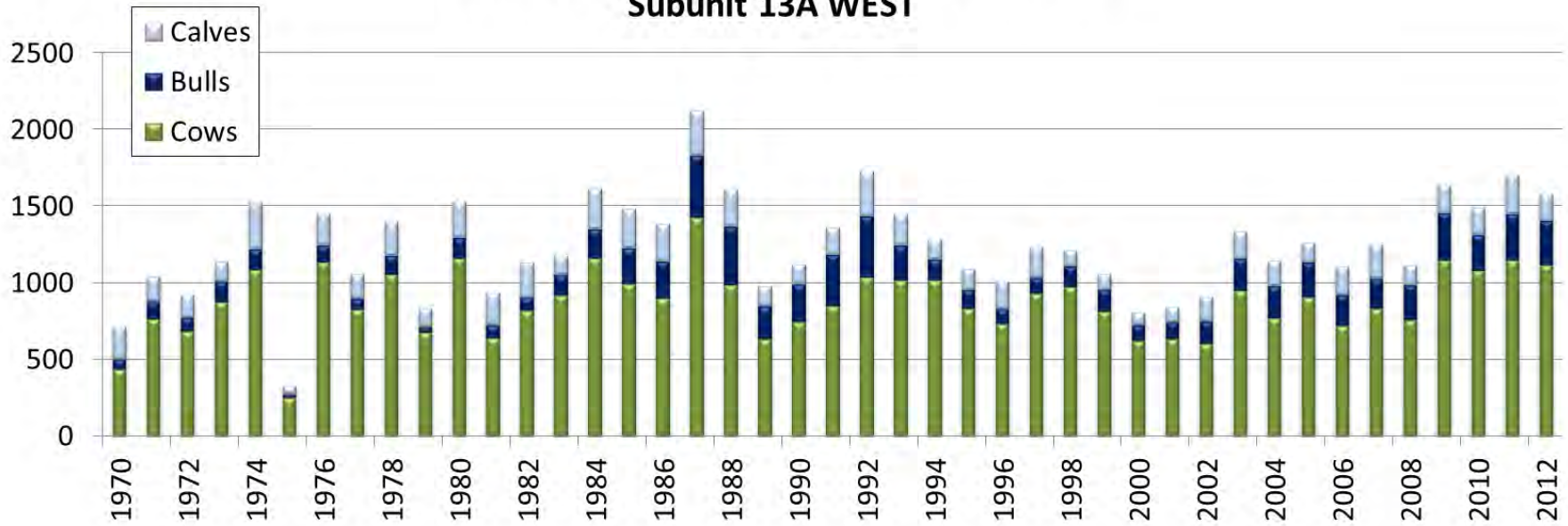
2012 Unitwide bull:100 cow ratio = 32:100 (range 24 – 67) **[Objective 25:100]**

2012 Unitwide calf:100 cow ratio = 16:100 (range 9 – 20) **[Objective 25:100 in 13A, and 30:100 in 13A, B, C, and E]**

UNIT 13 MOOSE TWINNING Twinning flights and Radio-collared moose in 13A west

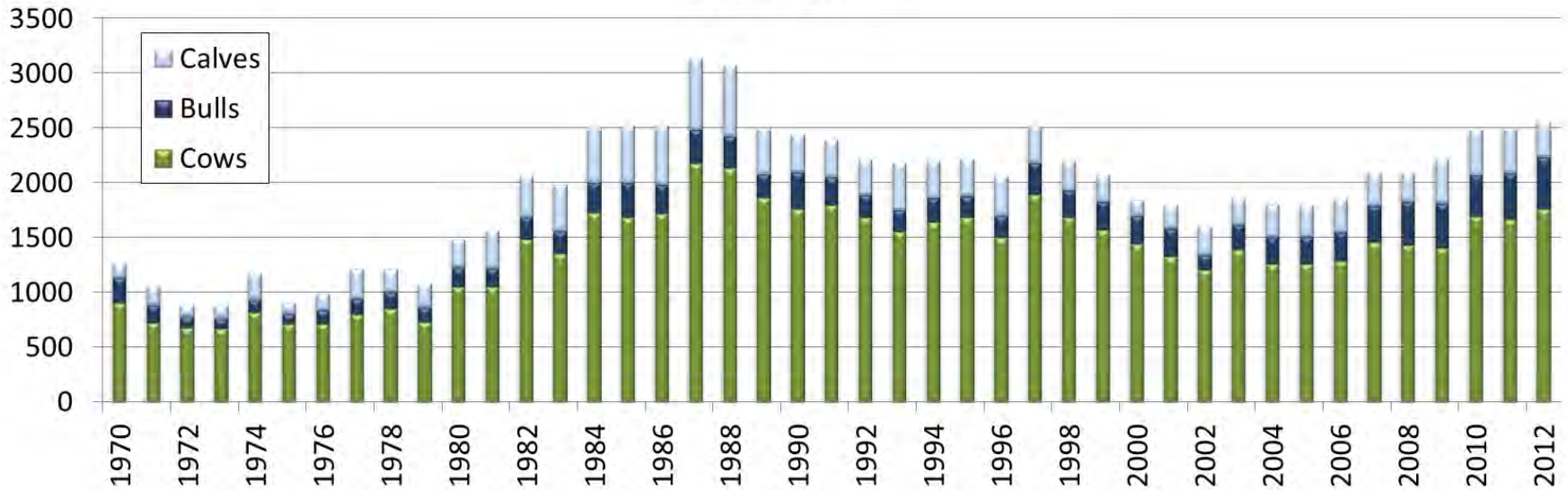


BULL, COWS and CALF MOOSE COUNTED Subunit 13A WEST



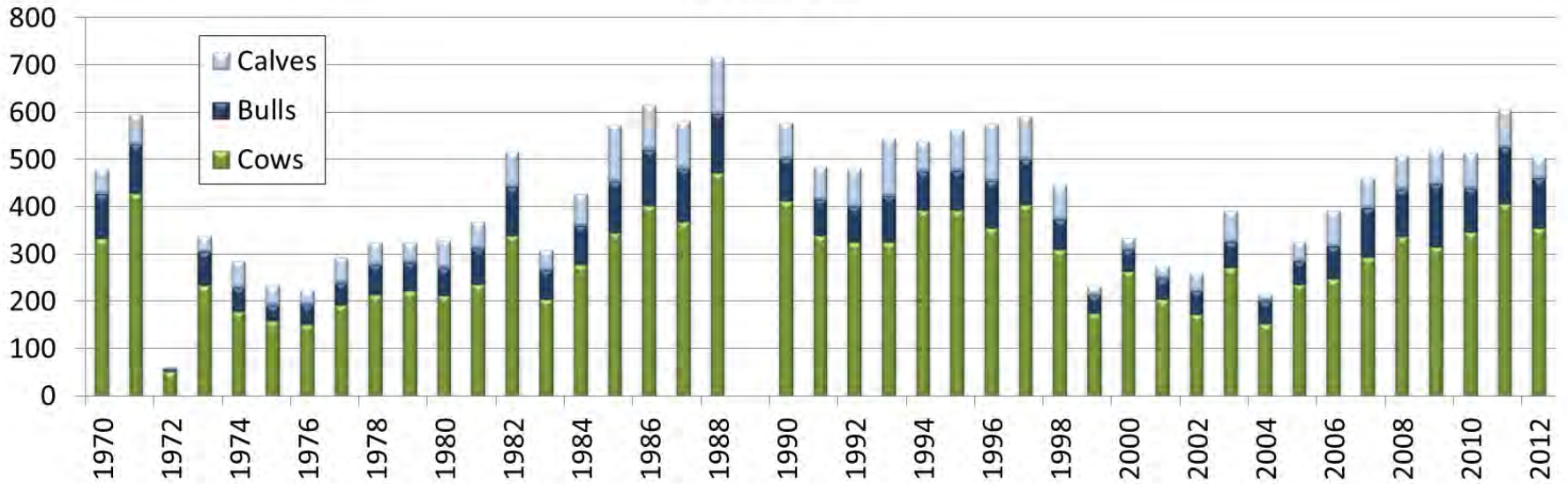
	<u>Bulls</u>	<u>Cows</u>	<u>Calves</u>	<u>Total</u>
1987 peak	405	1,428	293	2,126
2012 current	291	1,118	171	1,580

BULL, COWS and CALF MOOSE COUNTED Subunit 13B



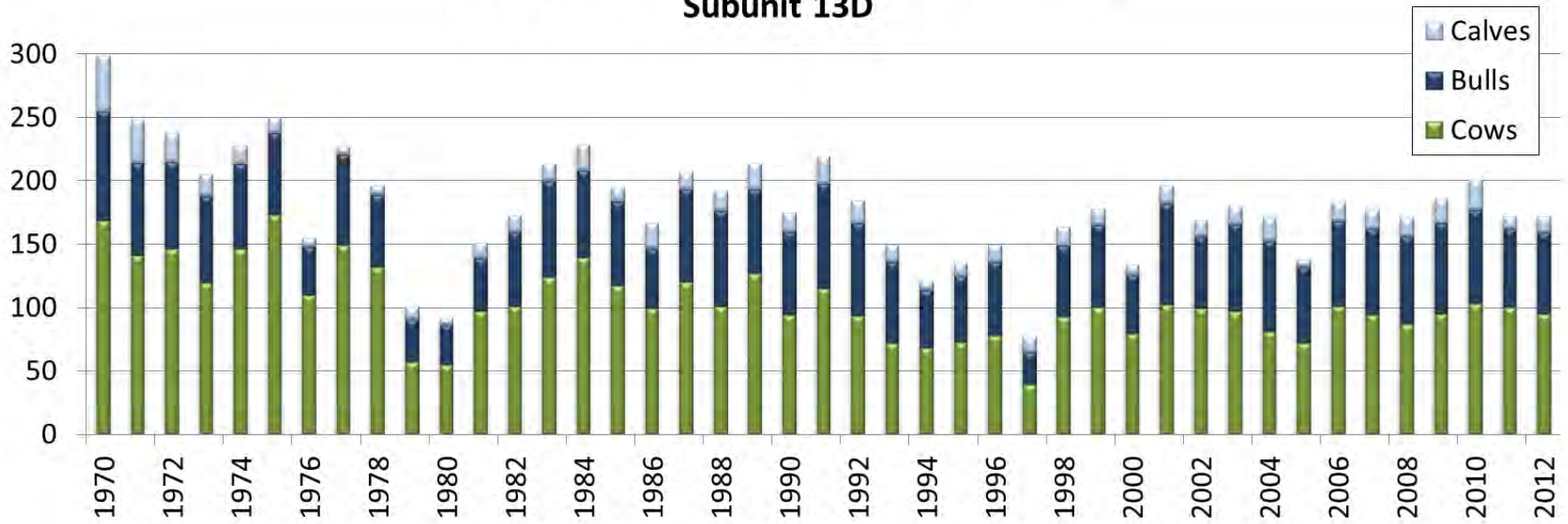
	<u>Bulls</u>	<u>Cows</u>	<u>Calves</u>	<u>Total</u>
1987 peak	580	2,176	647	3,403
2012 current	594	1,766	325	2,685

BULL, COWS and CALF MOOSE COUNTED Subunit 13C



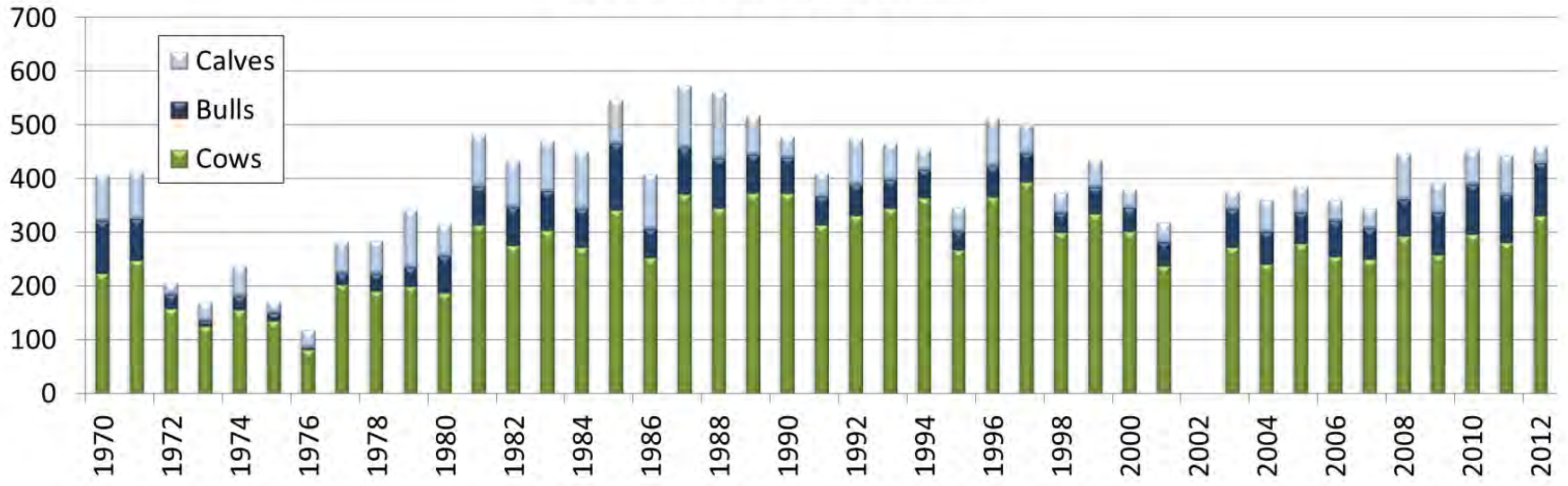
	<u>Bulls</u>	<u>Cows</u>	<u>Calves</u>	<u>Total</u>
1988 peak	125	473	120	718
2012 current	107	355	44	506

BULL, COWS and CALF MOOSE COUNTED Subunit 13D

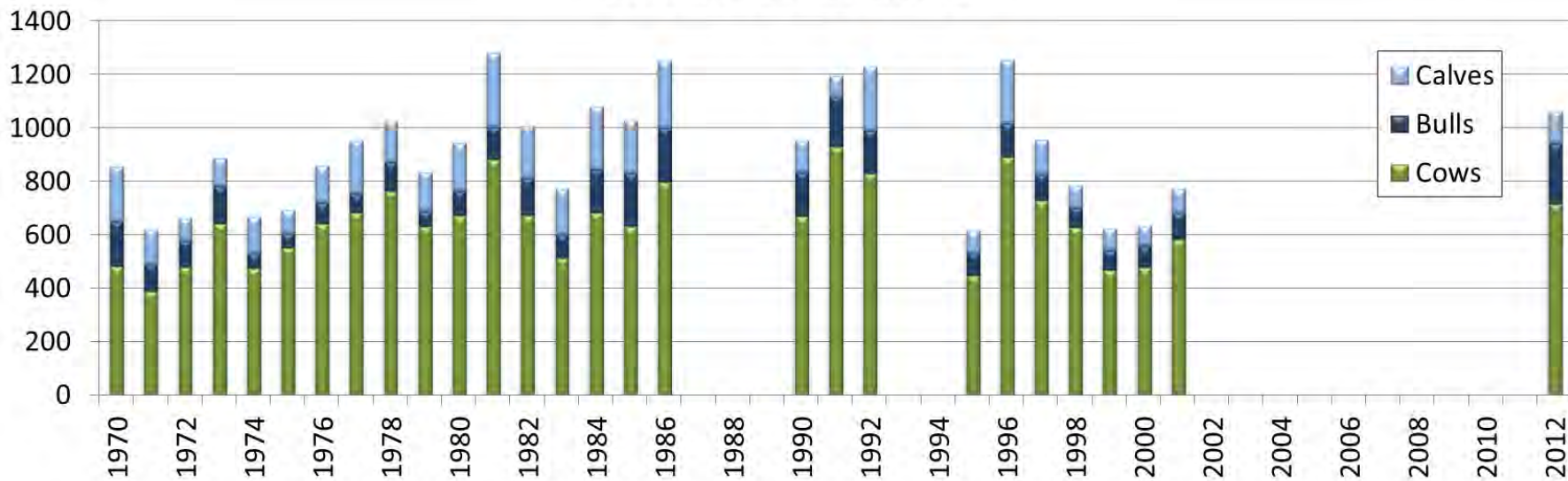


	<u>Bulls</u>	<u>Cows</u>	<u>Calves</u>	<u>Total</u>
1970 peak	87	168	44	299
2012 current	64	95	13	172

BULL, COWS and CALF MOOSE COUNTED Subunit 13E - Upper Susitna



BULL, COWS and CALF MOOSE COUNTED Subunit 13E - Coal Creek



Subunit 13E

CA 3 – Upper Susitna

	<u>Bulls</u>	<u>Cows</u>	<u>Calves</u>	<u>Total</u>
1987 peak	88	371	115	574
2012 current	98	332	29	459

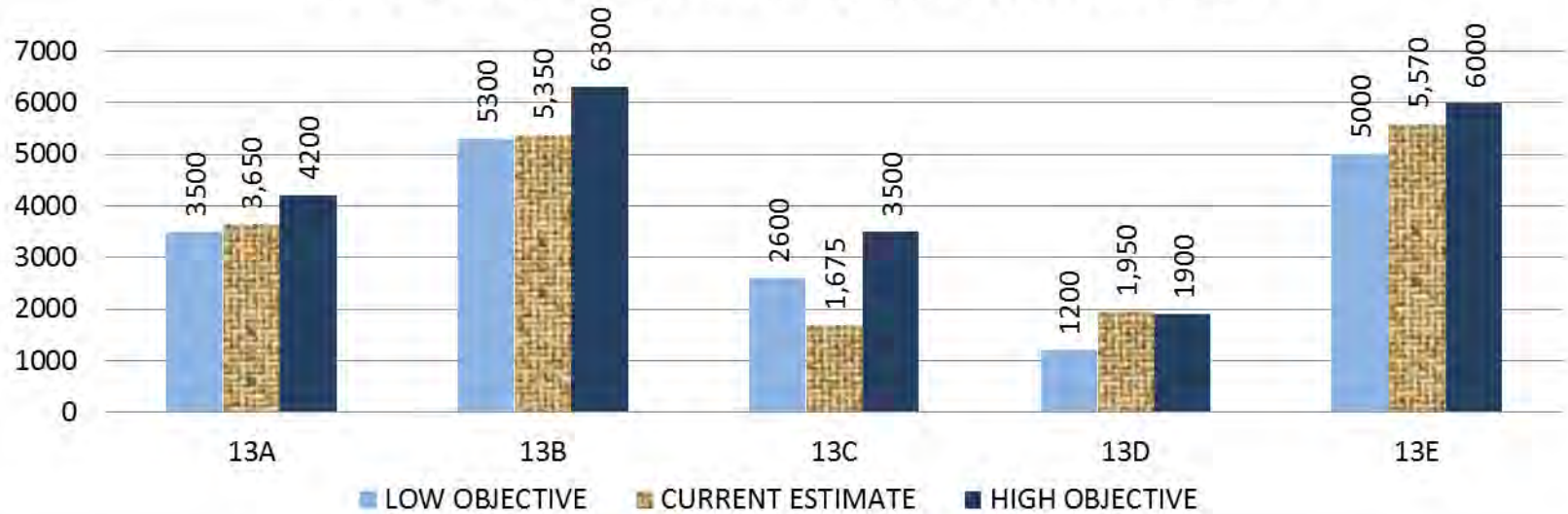
CA7 – Coal Creek

	<u>Bulls</u>	<u>Cows</u>	<u>Calves</u>	<u>Total</u>
1981 peak	125	881	278	1,284
2012 current	229	715	122	1,066

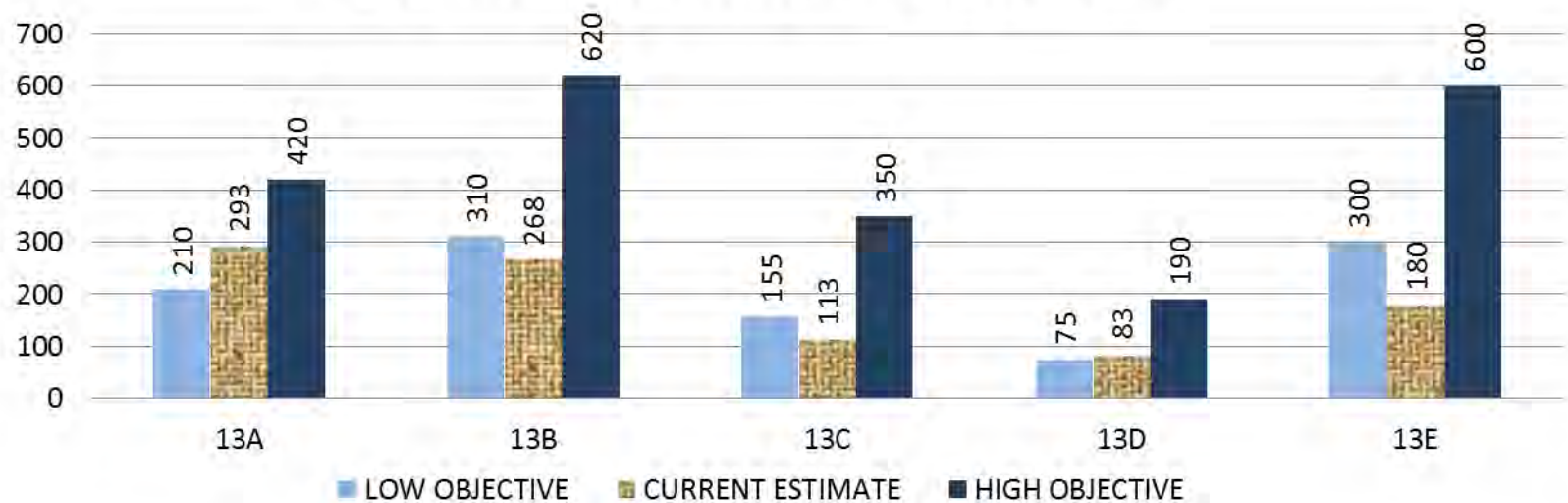
Unit 13 Moose Population Estimates By Subunit

	A	B	C	D	E	Total
Objective	3500-4200	5300-6300	2600-3500	1200-1900	5000-6000	17600-21900
1988	3,560	6,950	2,560	1,410	5,960	20,440
2008	2,500	4,450	1,570	1,940	5,160	15,620
2009	3,530	4,630	1,610	1,900	4,940	16,610
2010	3,490	5,280	1,700	2,280	5,430	18,180
2011	3,890	5,340	1,950	1,950	5,780	18,910
2012	3,650	5,350	1,675	1,950	5,570	18,195
2012 Moose Density	A	B	C	D	E	Total
(moose/mi ²)	1.1	2	1.1	0.5	1.1	1.1

Unit 13 MOOSE 2012 POPULATION ESTIMATES vs OBJECTIVES



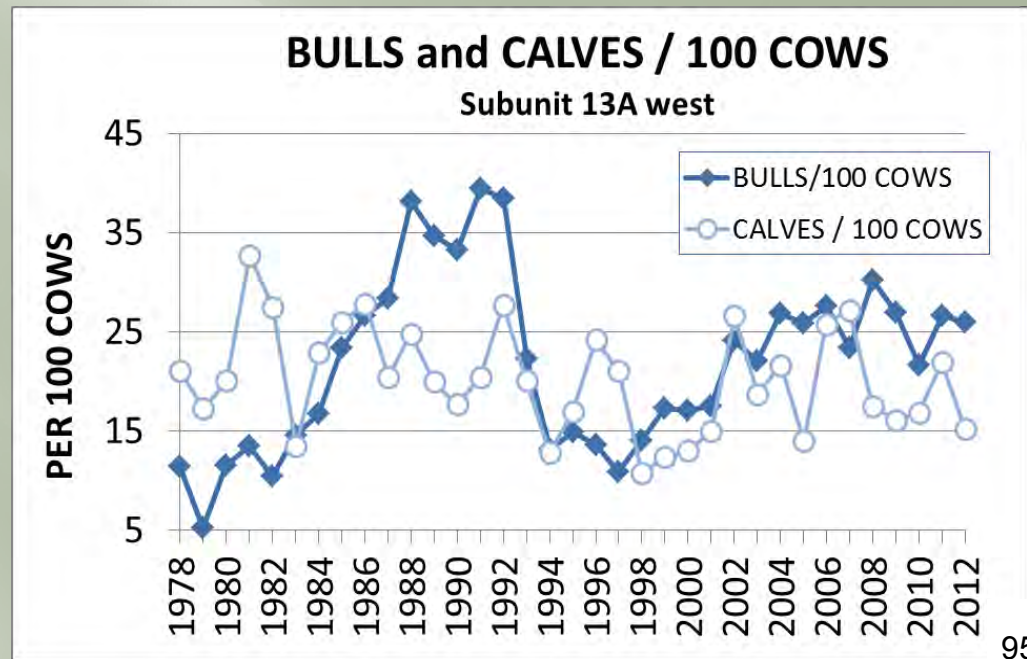
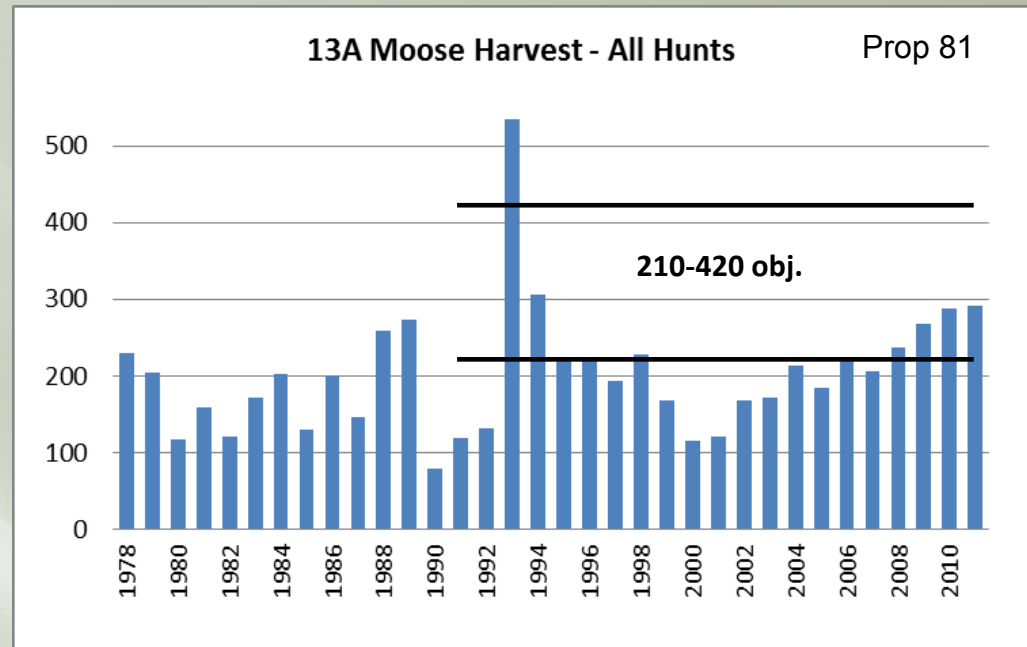
UNIT 13 MOOSE 2011 HARVEST ESTIMATES vs OBJECTIVES



MOOSE HARVEST 13A

1993 peak **Bulls**
536

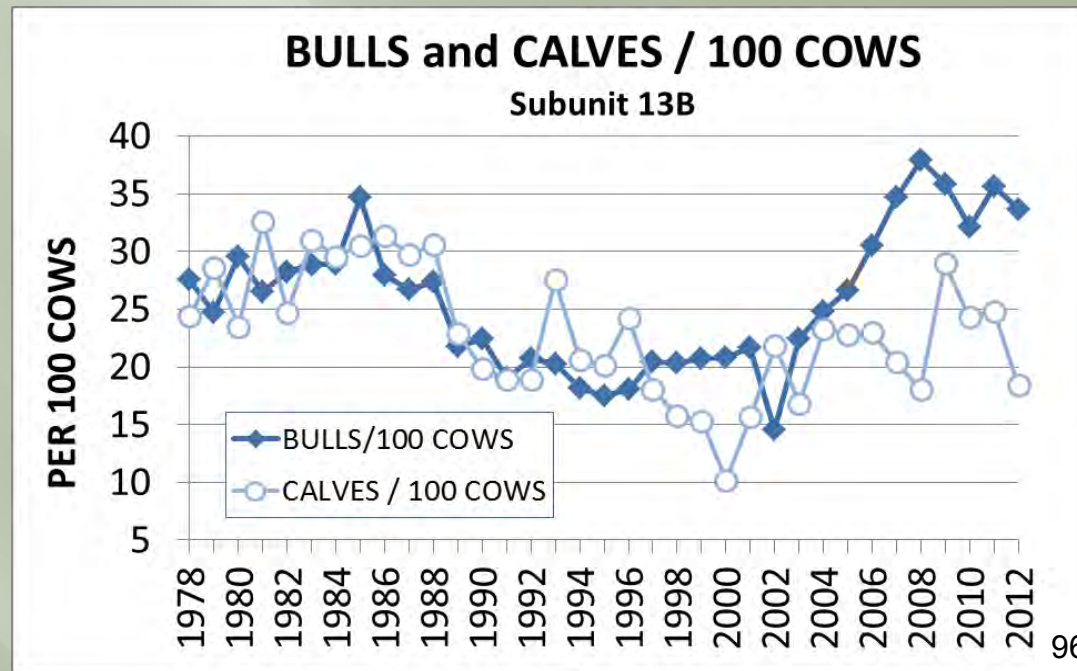
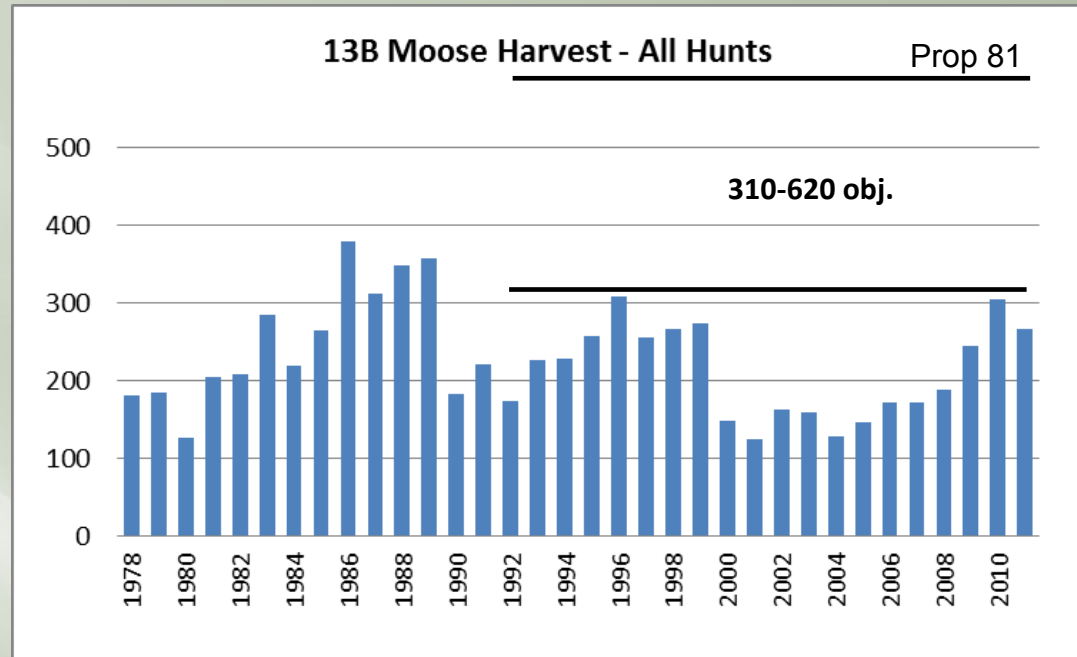
2011 current **293**



MOOSE HARVEST 13B

1986 peak **Bulls** 379

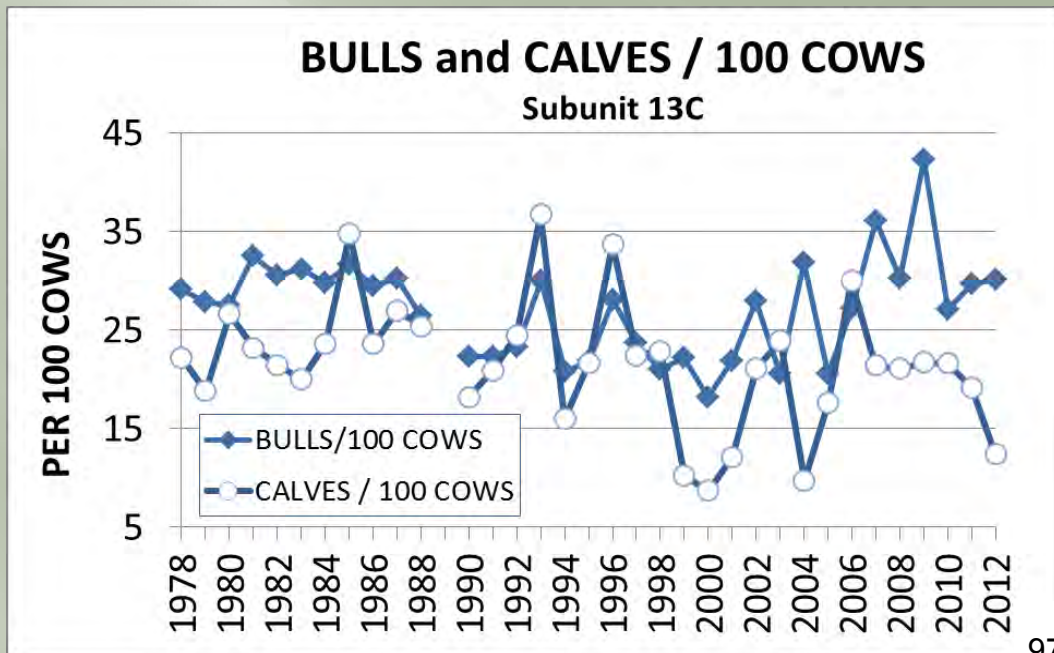
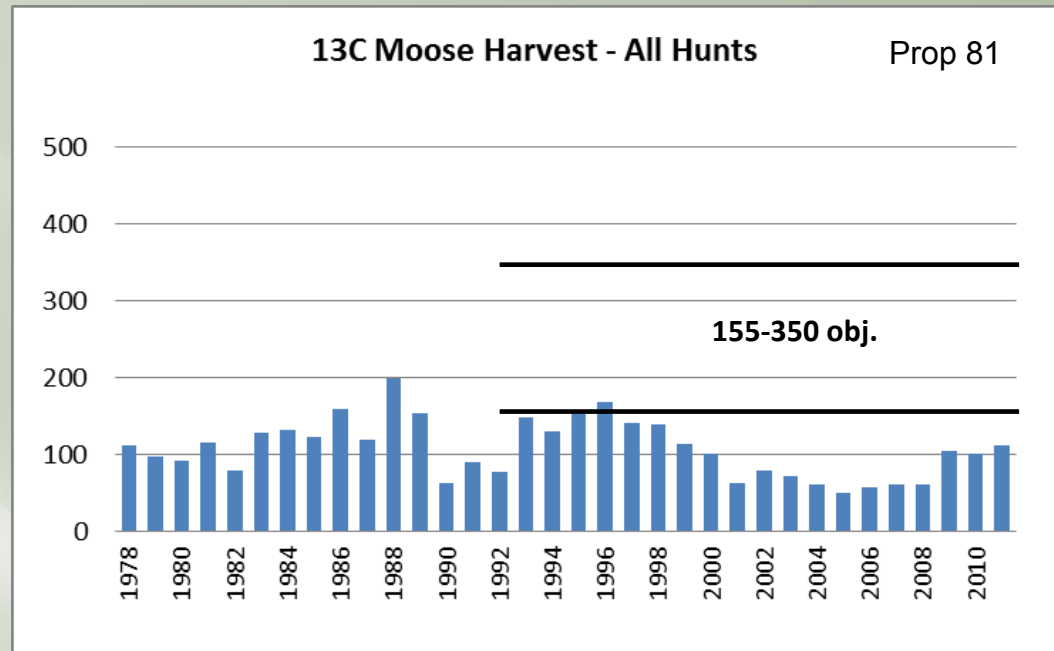
2011 current 266



MOOSE HARVEST 13C

1988 peak **Bulls** 199

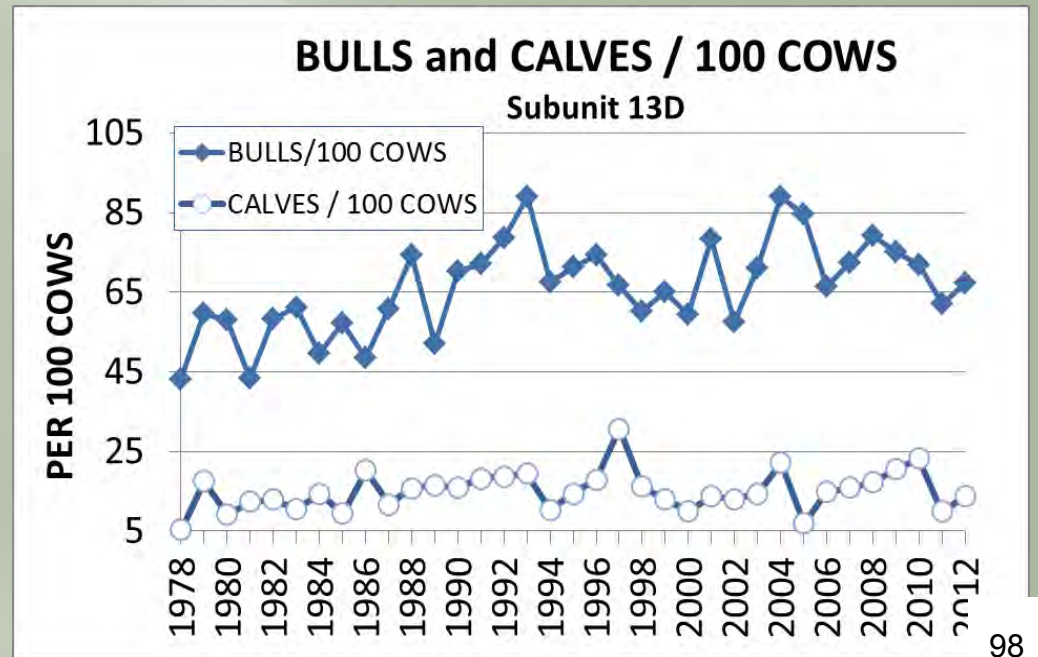
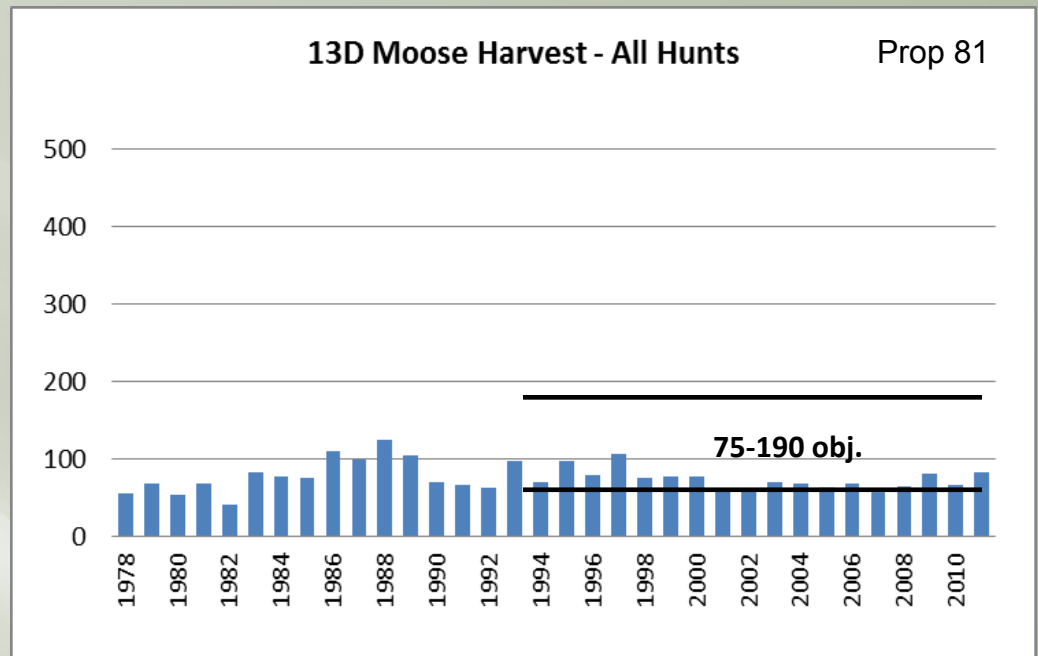
2011 current **113**



MOOSE HARVEST 13D

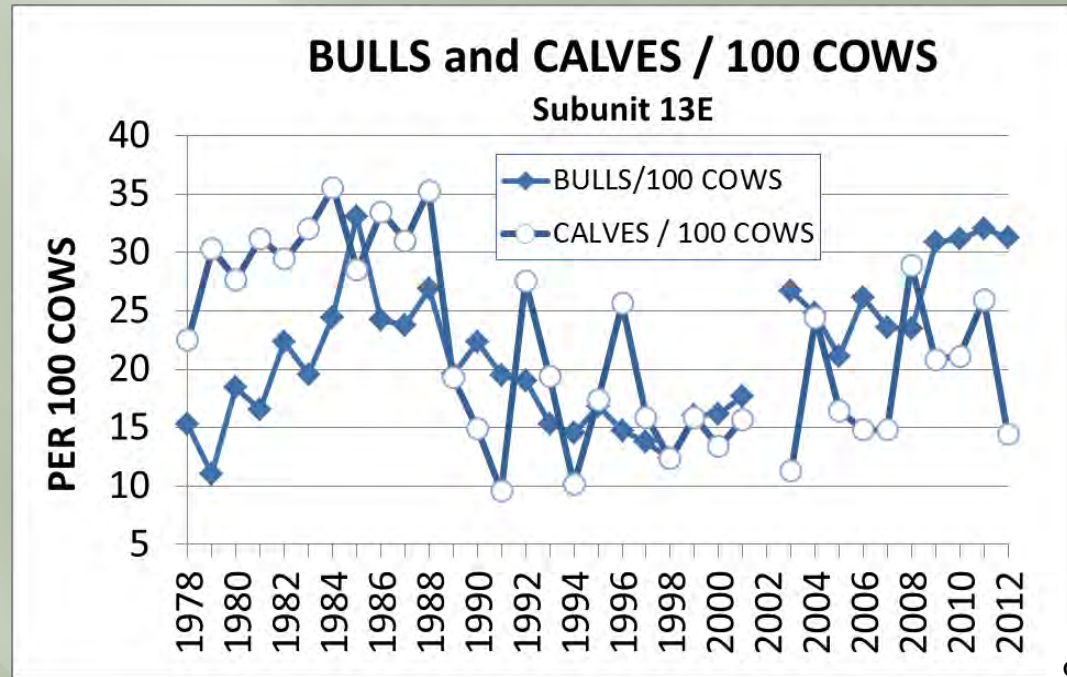
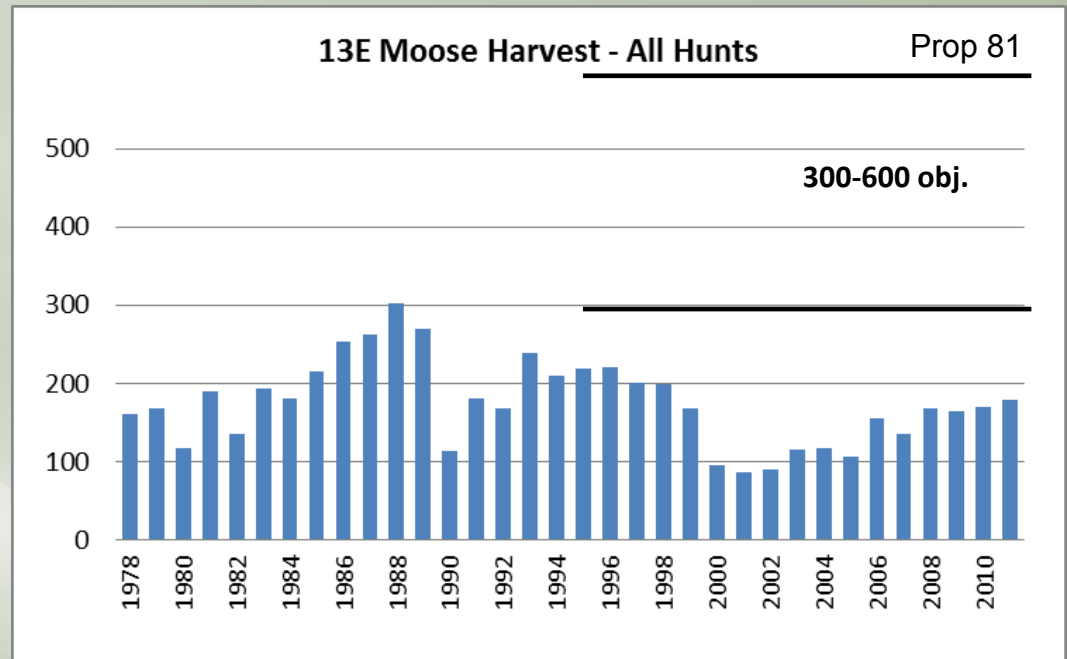
1985 peak **Bulls** 125

2011 current **83**



MOOSE HARVEST 13E

1988 peak **Bulls**
2011 current **303**
 180



Proposal 81 *Summary*



EFFECT:

- ❖ Modifies the Intensive Management (IM) moose population and harvest objectives for each subunit in Unit 13.

DEPARTMENT RECOMMENDATION: **No Recommendation**

Proposal 80

EFFECT:

- ❖ Modifies the Intensive Management (IM) moose population and harvest objectives for subunit 13B.

Subunit	Moose Population Objective Range	Moose Harvest Objective Range
13B	<u>4,000–5,000</u> [5,300–6,300]	<u>248–280</u> [310–620]

DEPARTMENT RECOMMENDATION: Take No Action

Advisory Committee votes

Copper Basin *did not vote, supported #81*

Tok Cutoff *did not vote, supported #81*

Paxson *support 5-0*

Denali *did not meet*

Proposal 82

EFFECT: Amends the existing Unit 13 wolf control implementation plan

- ❖ The minimum number of wolves (135) to remain in the area at the end of the season would be limited to the active Intensive Management (IM) area instead of the entire unit
- ❖ The spring wolf population objective would be increased significantly
 - *Currently* 135-165
 - *Proposed* 220-260

DEPARTMENT RECOMMENDATION: **Do Not Adopt**

Advisory Committee votes

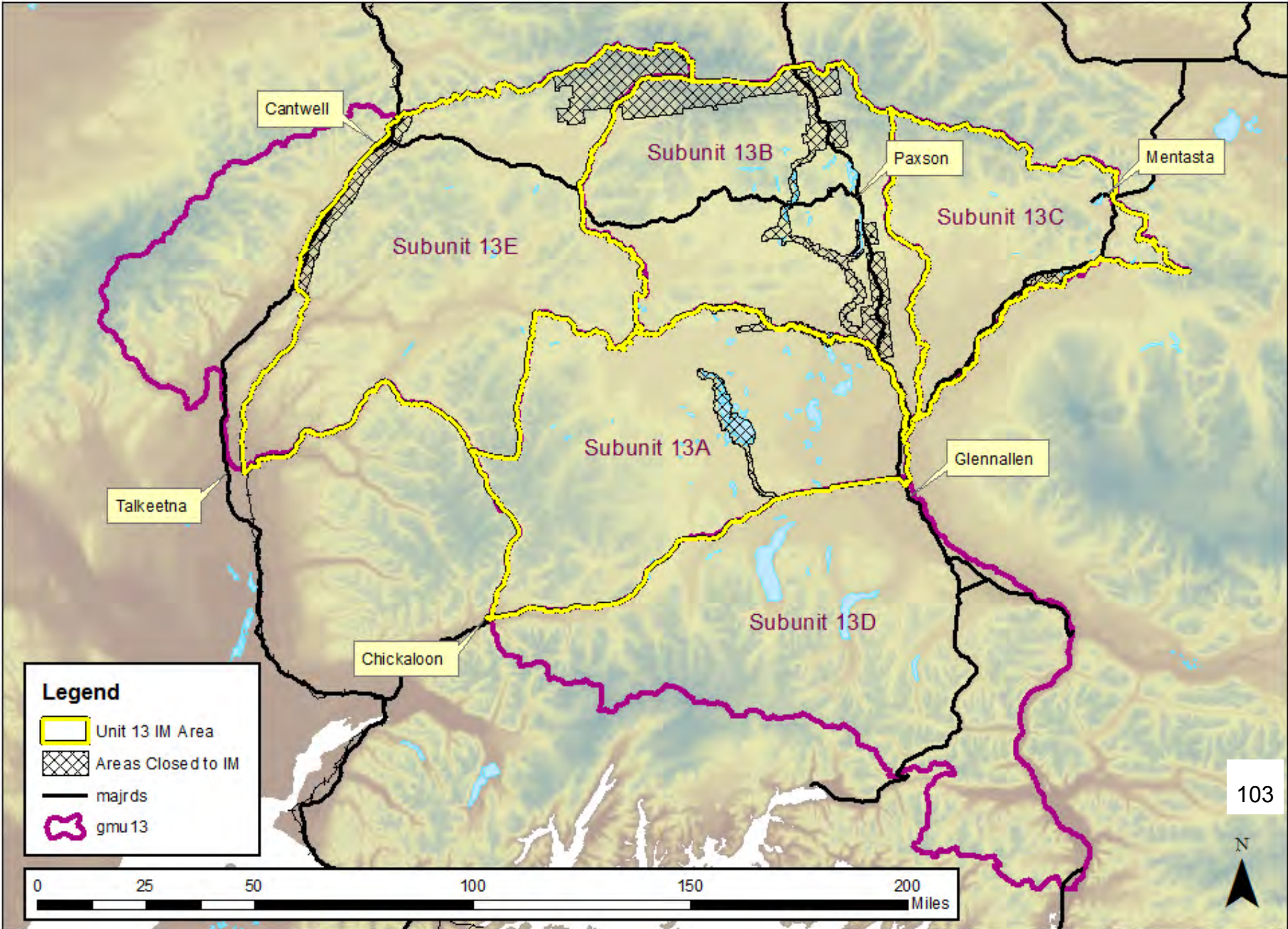
Copper Basin *did not vote, supported #83*

Tok Cutoff *did not vote, supported #83*

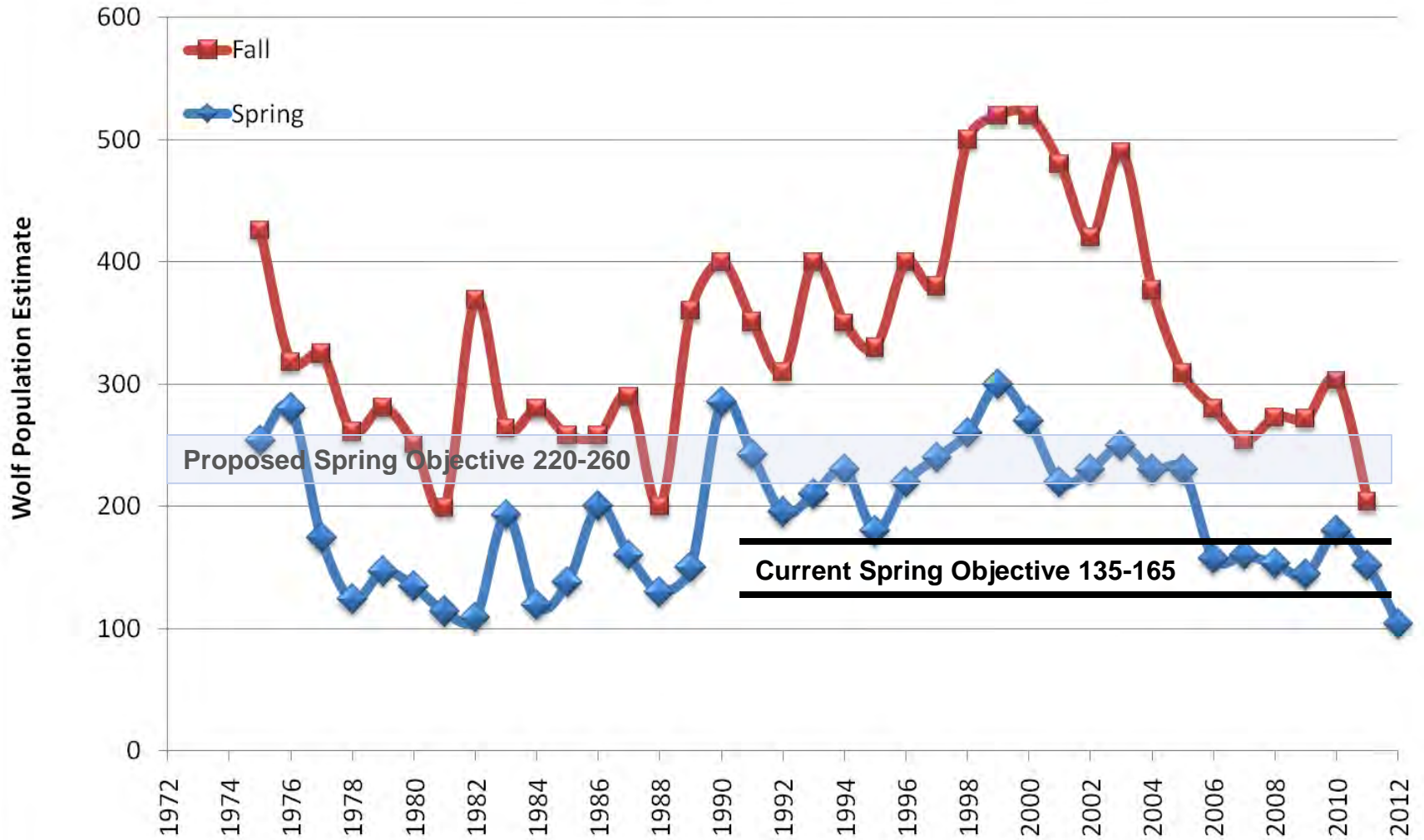
Paxson *support 5-0*

Denali *did not meet*

Unit 13 SDA Area

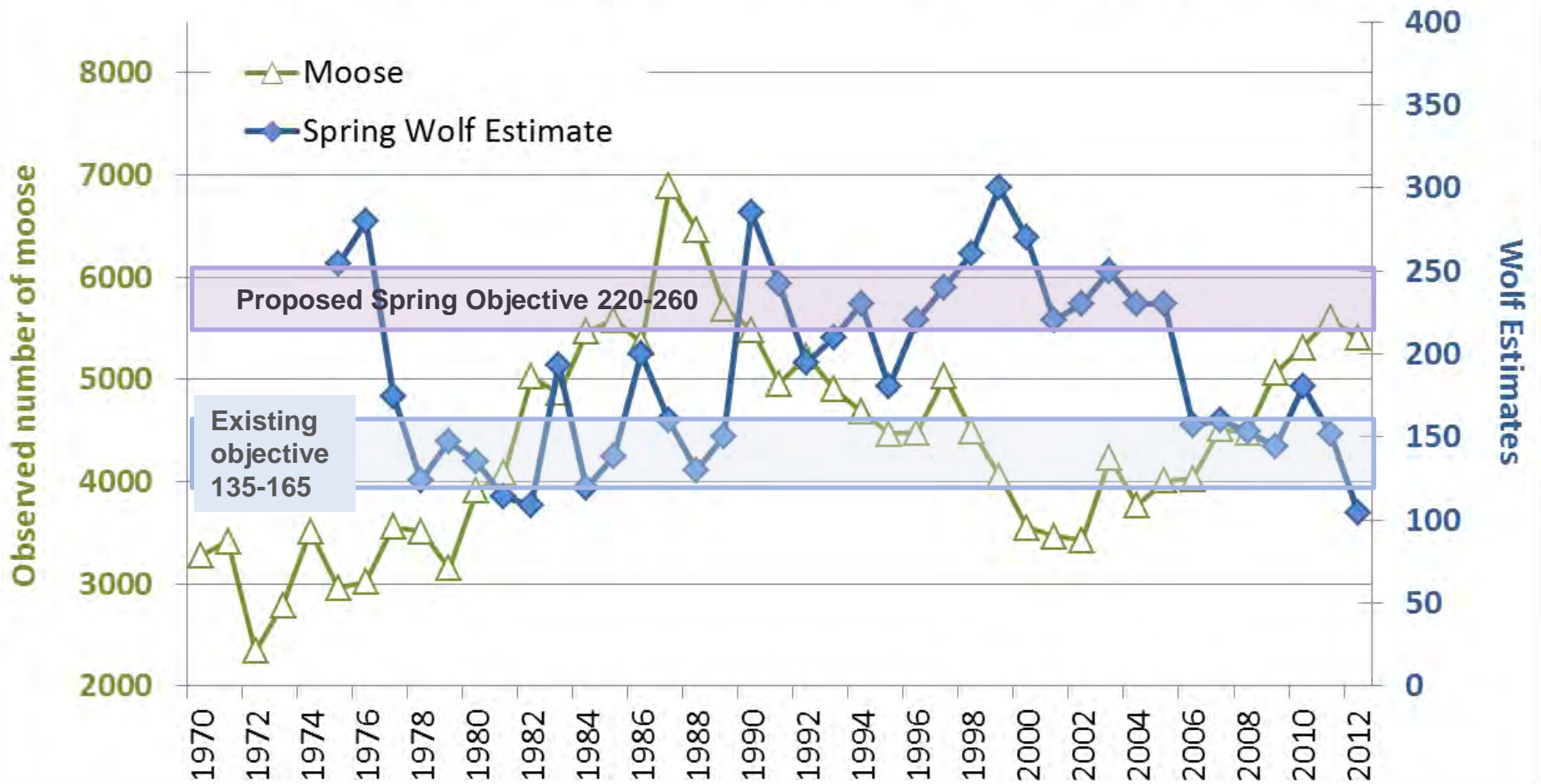


Unit 13 Wolf Population Estimates

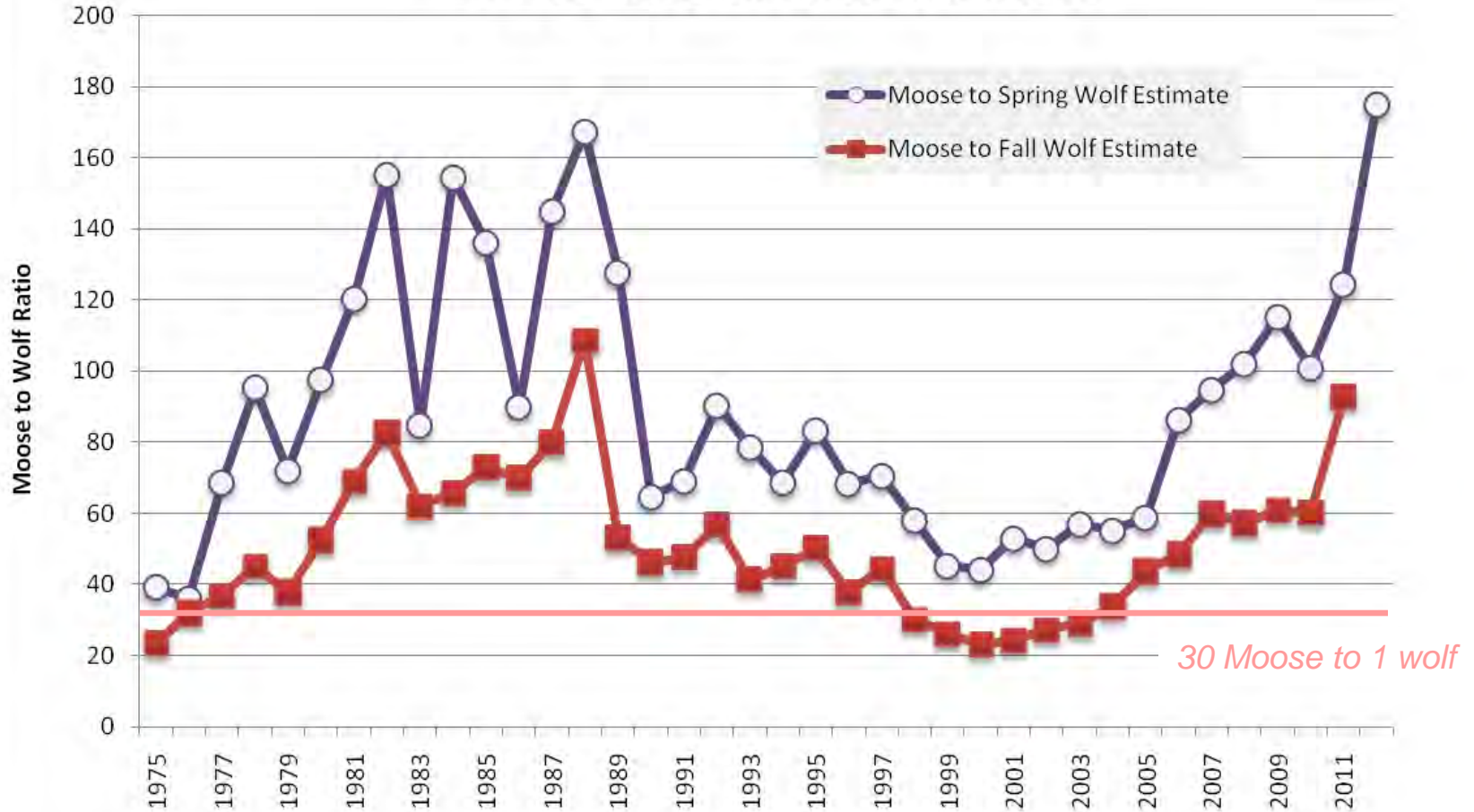


UNIT 13

MOOSE OBSERVED and SPRING WOLF ESTIMATES



Unit 13 Moose to Wolf Ratio Estimates



Land and Shoot (L&S) Legal



L&S



L&S / Aerial Take

Proposal 82

Summary

EFFECT: Amends the existing Unit 13 wolf control implementation plan

- ❖ The minimum number of wolves (135) to remain in the area at the end of the season would be limited to the active Intensive Management (IM) area instead of the entire unit
- ❖ The spring wolf population objective would be increased significantly
 - *Currently* 135-165
 - *Proposed* 220-260

DEPARTMENT RECOMMENDATION: **Do Not Adopt**

Proposal 83

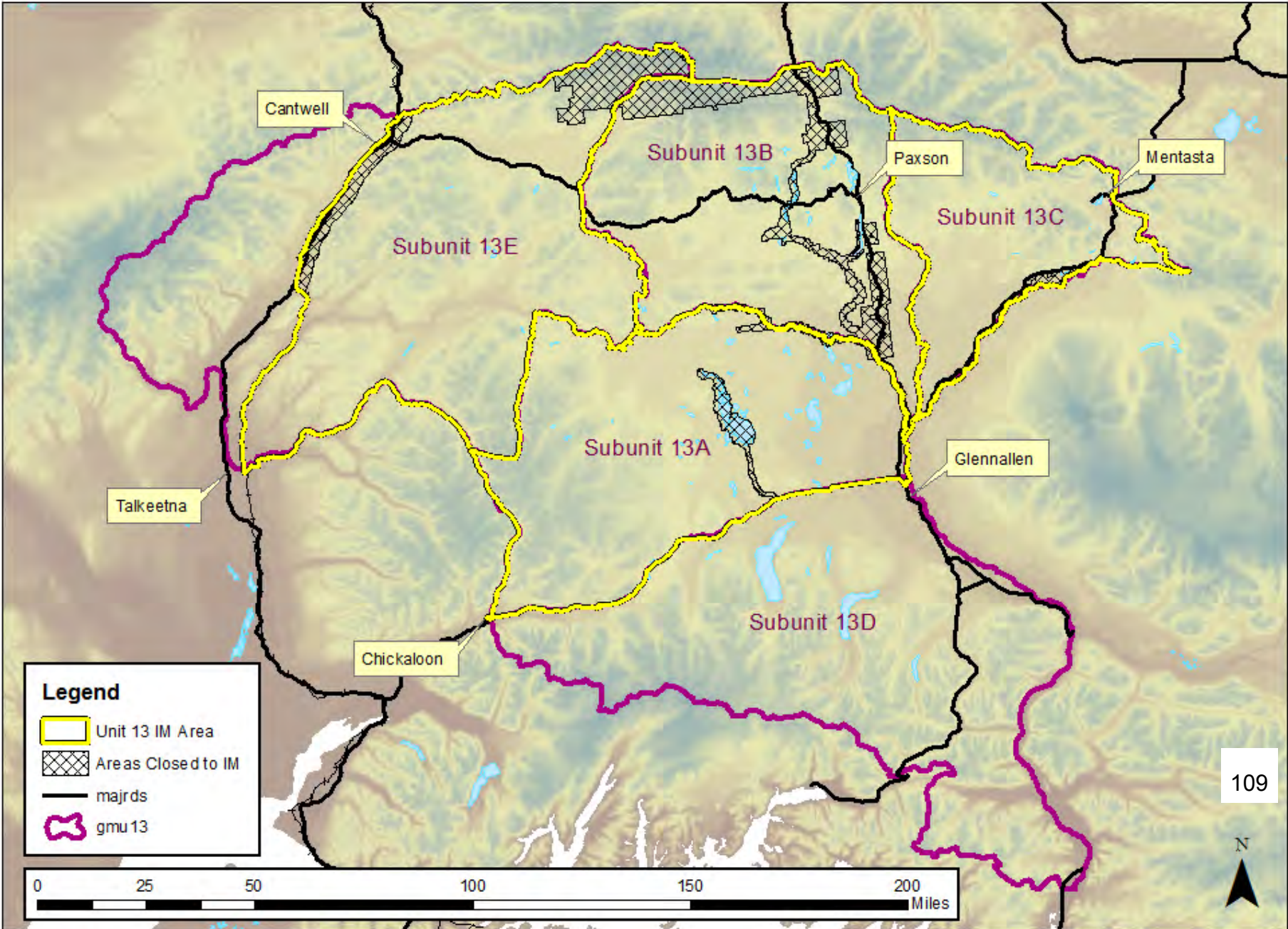
EFFECT: Amends the existing Unit 13 wolf control implementation plan

- ❖ Reduce the minimum wolf population objective
 - *Currently* 135
 - *Proposed* 100
- ❖ Limit the minimum to the active Intensive Management (IM) area instead of the entire unit
- ❖ IM activities would commence based on the moose population size
- ❖ Remove the criteria for closing hunting and trapping seasons to maintain the minimum wolf population

DEPARTMENT RECOMMENDATION: Adopt – Operational guidelines
Do Not Adopt – Regulations

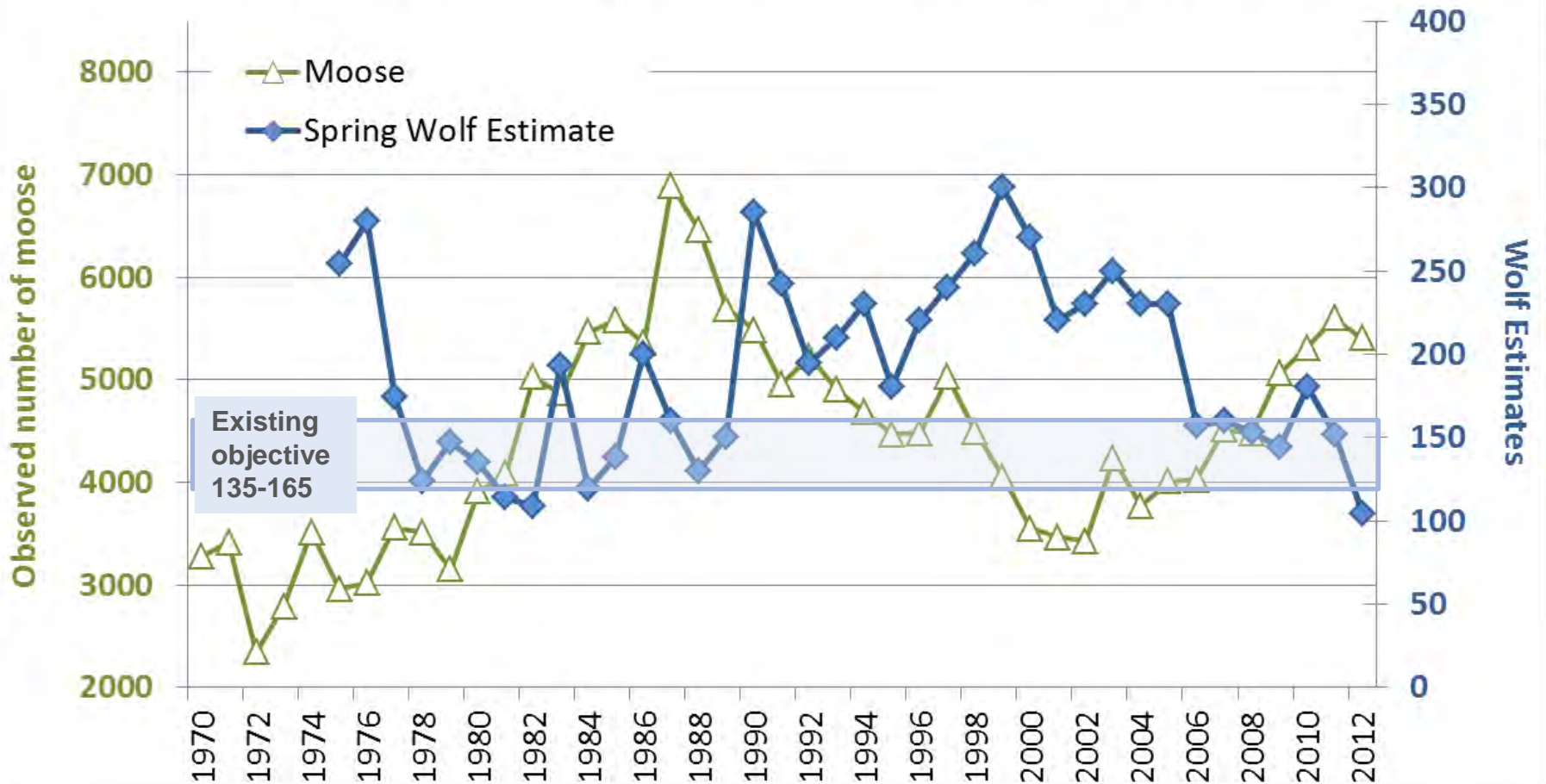
Advisory Committee votes
Copper Basin support 11-0
Tok Cutoff support 4-0
Paxson support 5-0
Denali did not meet

Unit 13 SDA Area

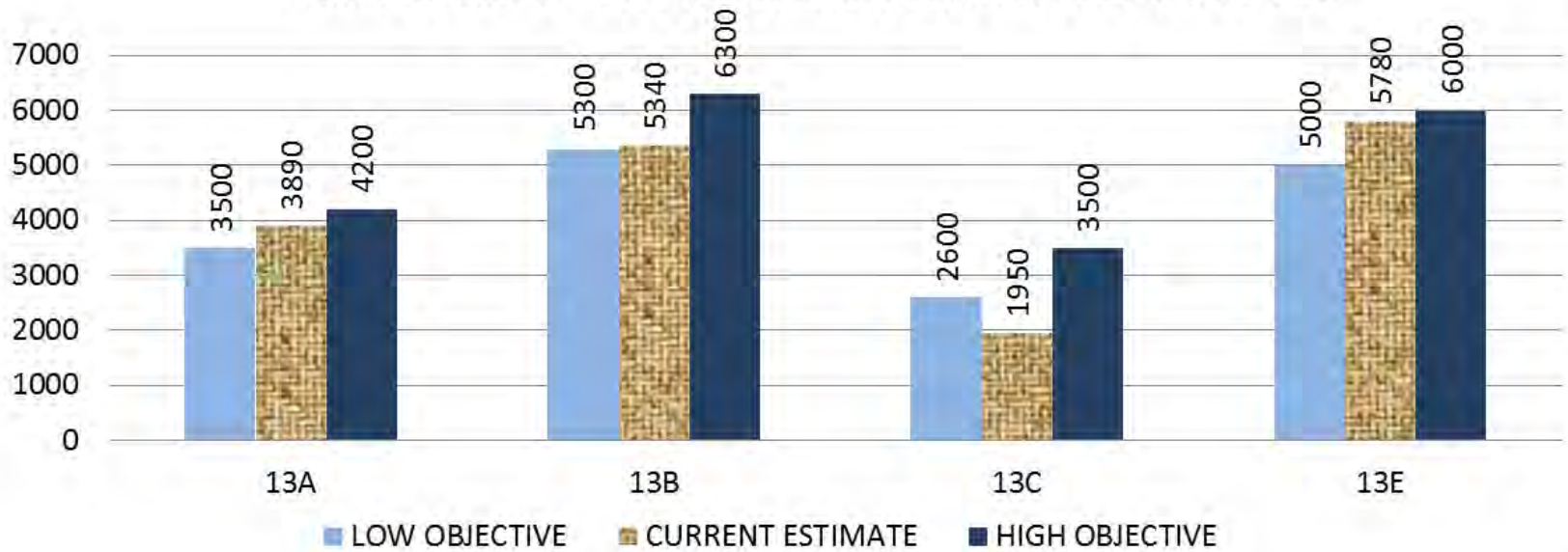


UNIT 13

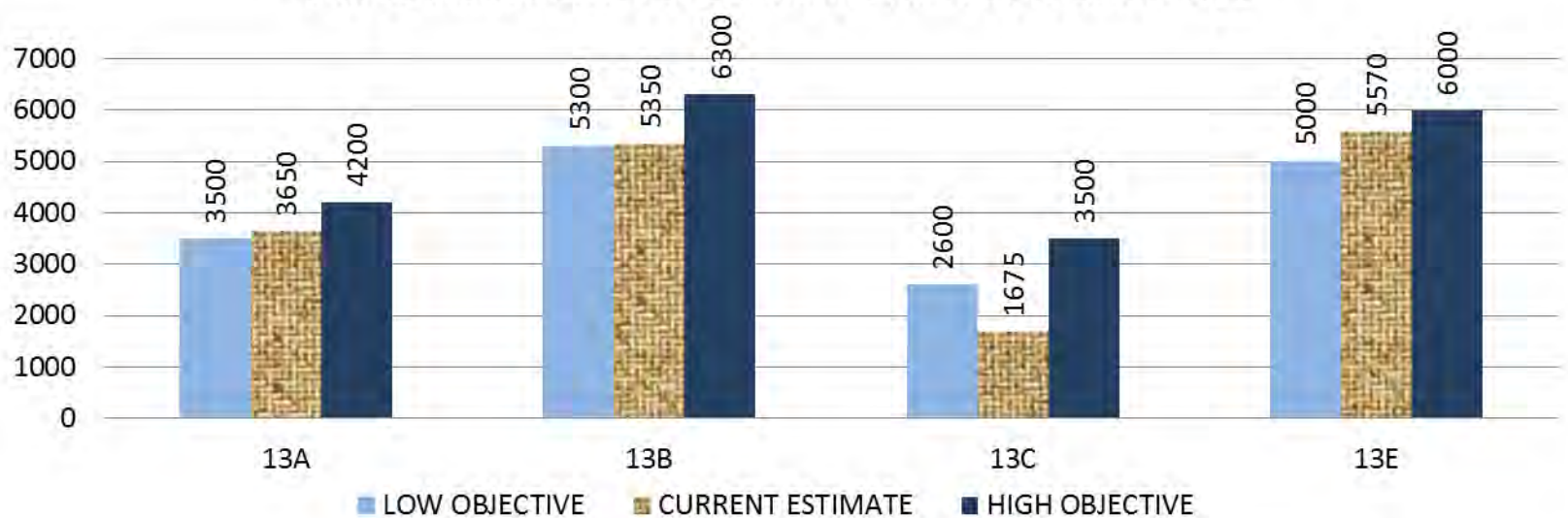
MOOSE OBSERVED and SPRING WOLF ESTIMATES



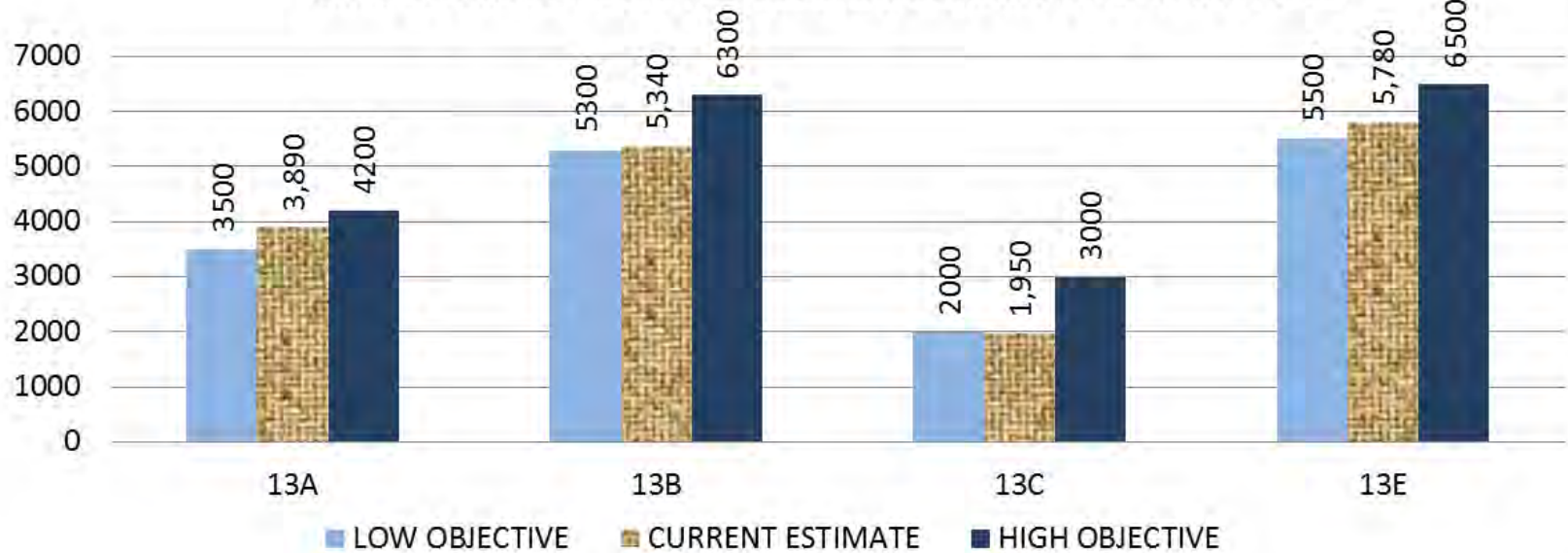
GMU 13 MOOSE 2011 POPULATION ESTIMATES vs OBJECTIVES



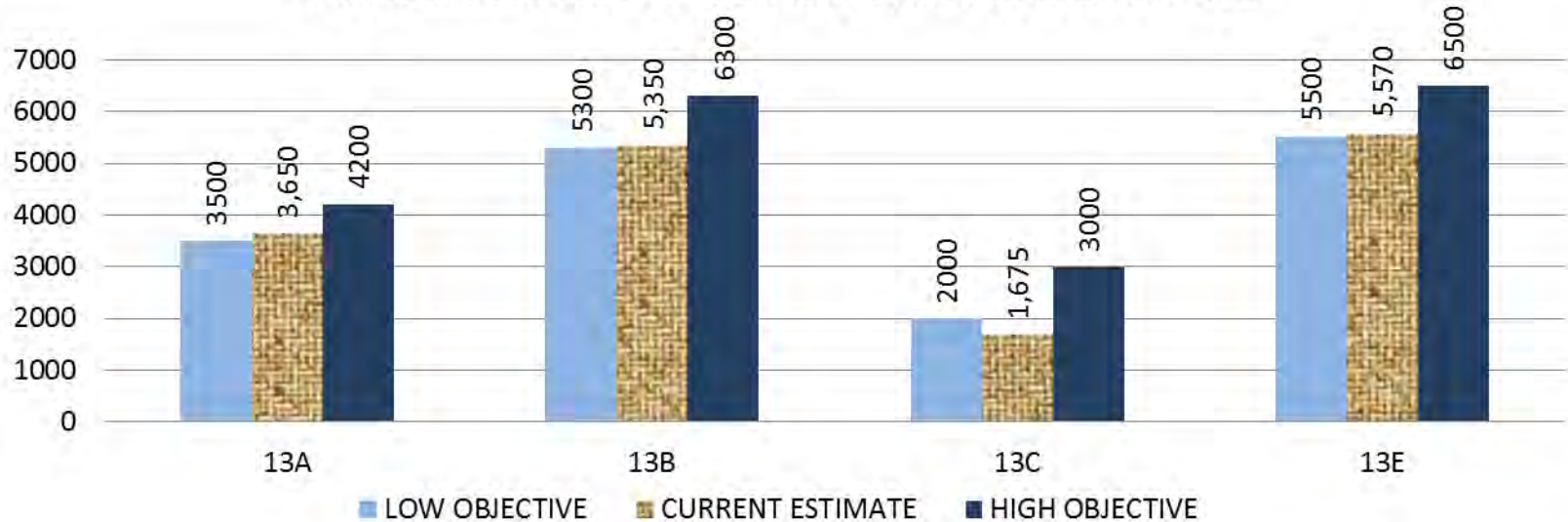
Unit 13 MOOSE 2012 POPULATION ESTIMATES vs OBJECTIVES



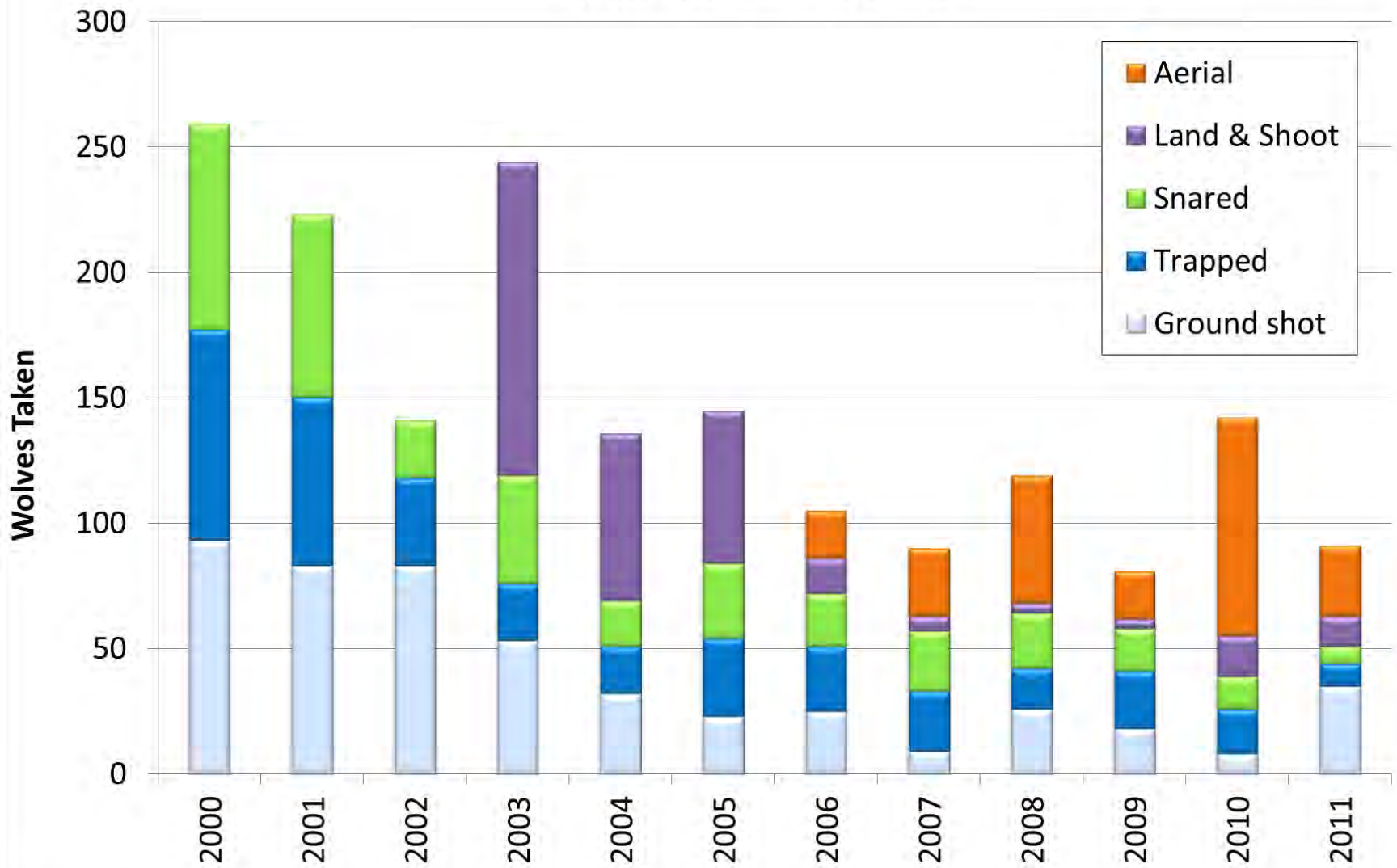
GMU 13 MOOSE 2011 POPULATION ESTIMATES vs OBJECTIVES



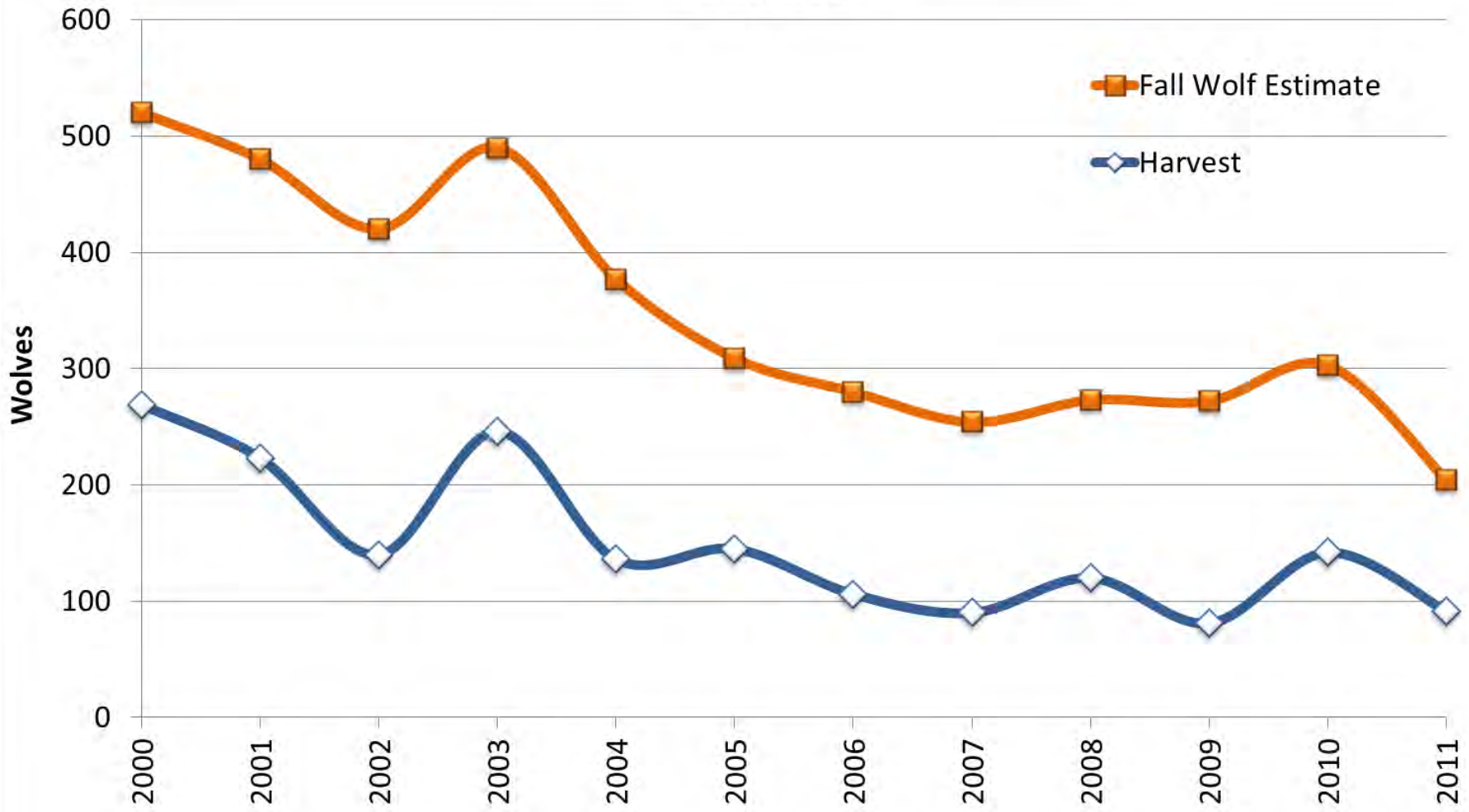
Unit 13 MOOSE 2012 POPULATION ESTIMATES vs OBJECTIVES



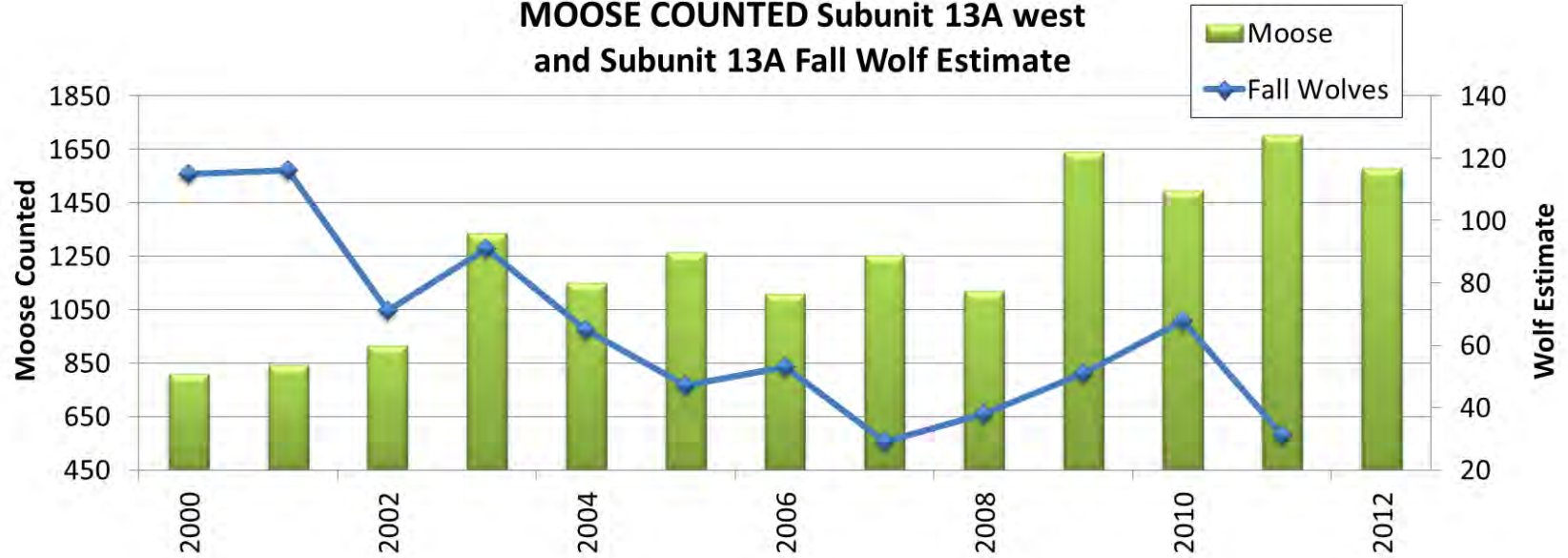
Wolf Take in Unit 13



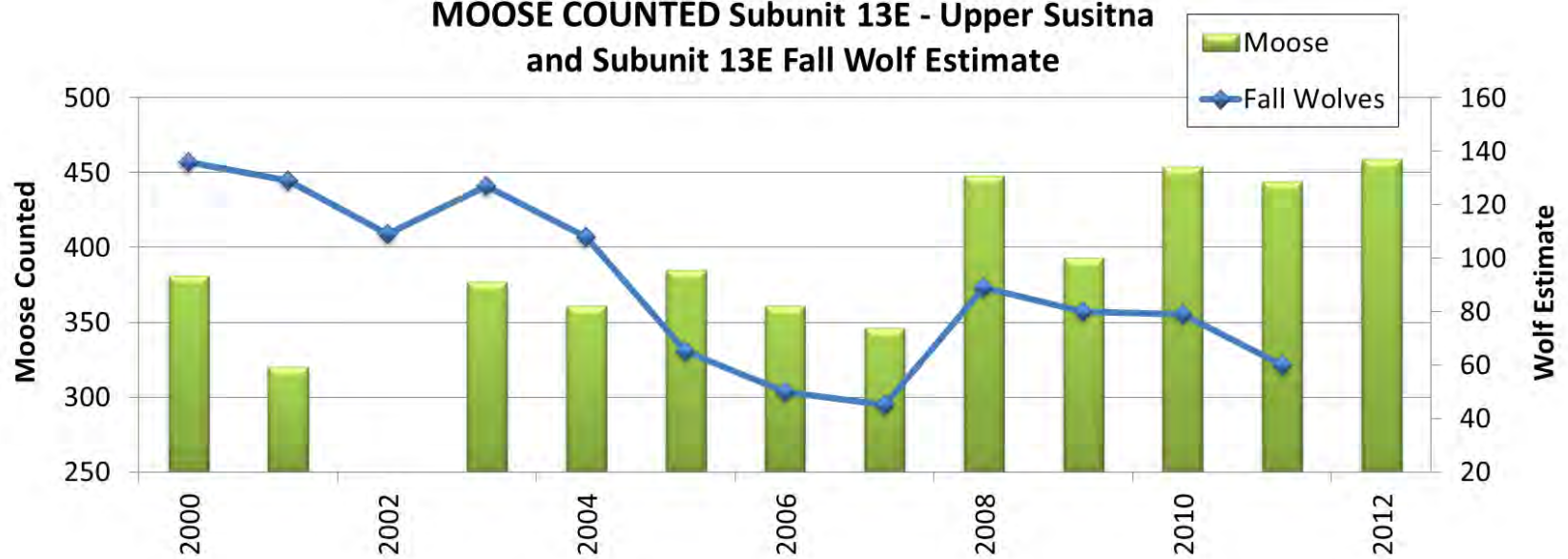
Unit 13 Fall Wolf Population Estimate and Take



MOOSE COUNTED Subunit 13A west and Subunit 13A Fall Wolf Estimate



MOOSE COUNTED Subunit 13E - Upper Susitna and Subunit 13E Fall Wolf Estimate



Proposal 83

Summary

EFFECT: Amends the existing Unit 13 wolf control implementation plan

- ❖ Reduce the minimum wolf population objective
 - Currently 135
 - Proposed 100
- ❖ Limit the minimum to the active Intensive Management (IM) area instead of the entire unit
- ❖ IM activities would commence based on the moose population size
- ❖ Remove the criteria for closing hunting and trapping seasons to maintain the minimum wolf population

DEPARTMENT RECOMMENDATION: **Adopt – Operational guidelines**
Do Not Adopt – Regulations

Proposal 84

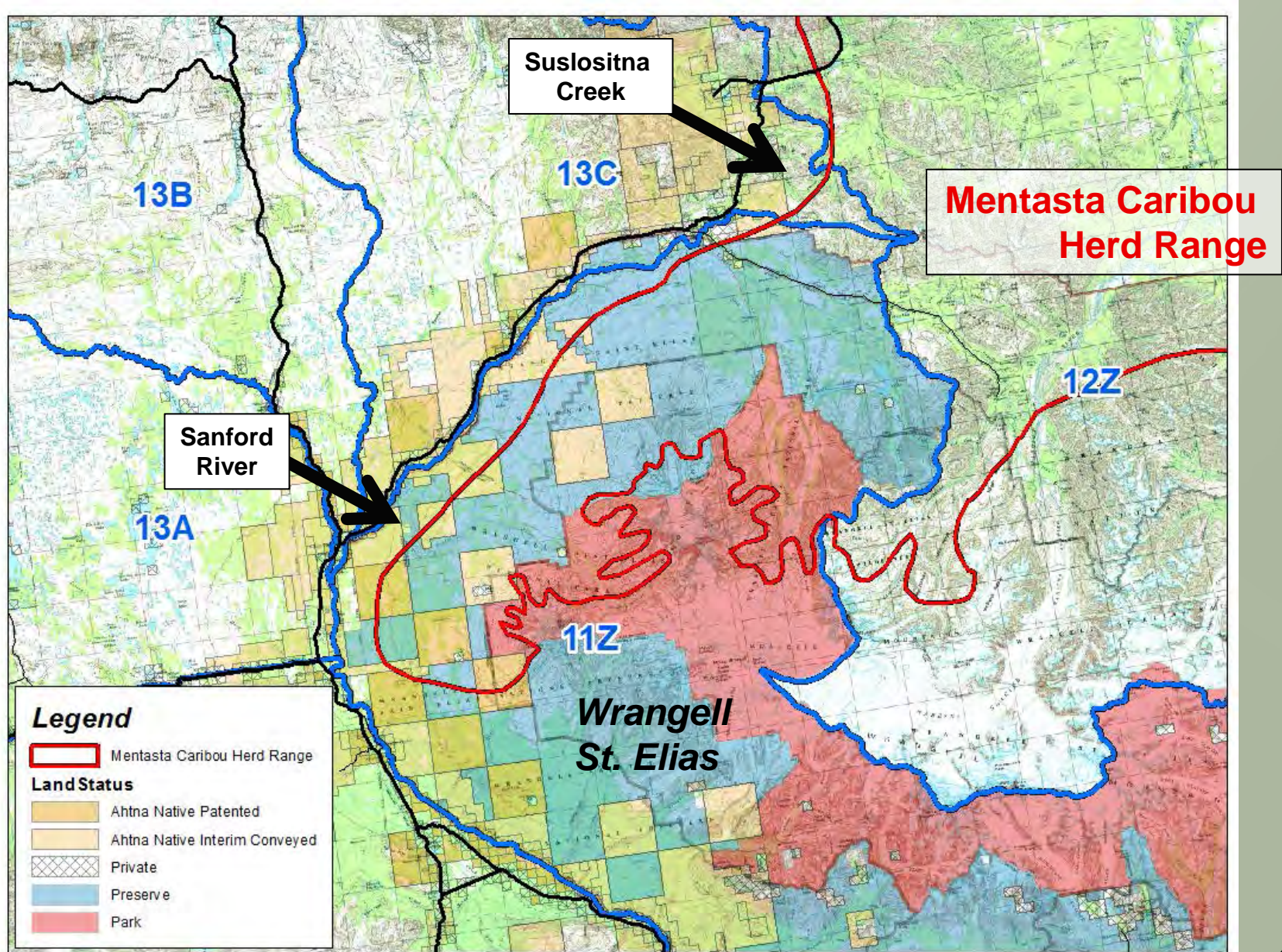
EFFECT:

- ❖ Establish a positive finding for high levels of consumptive use under regulations for implementing Intensive Management (IM) for the Mentasta Caribou Herd in Units 11 and 12 (*currently negative*)
- ❖ Establish IM population and harvest objectives
- ❖ Design and implement a wolf and bear control program on private Ahtna-Inc. lands in Unit 11 from Suslositna Creek south to Sanford River

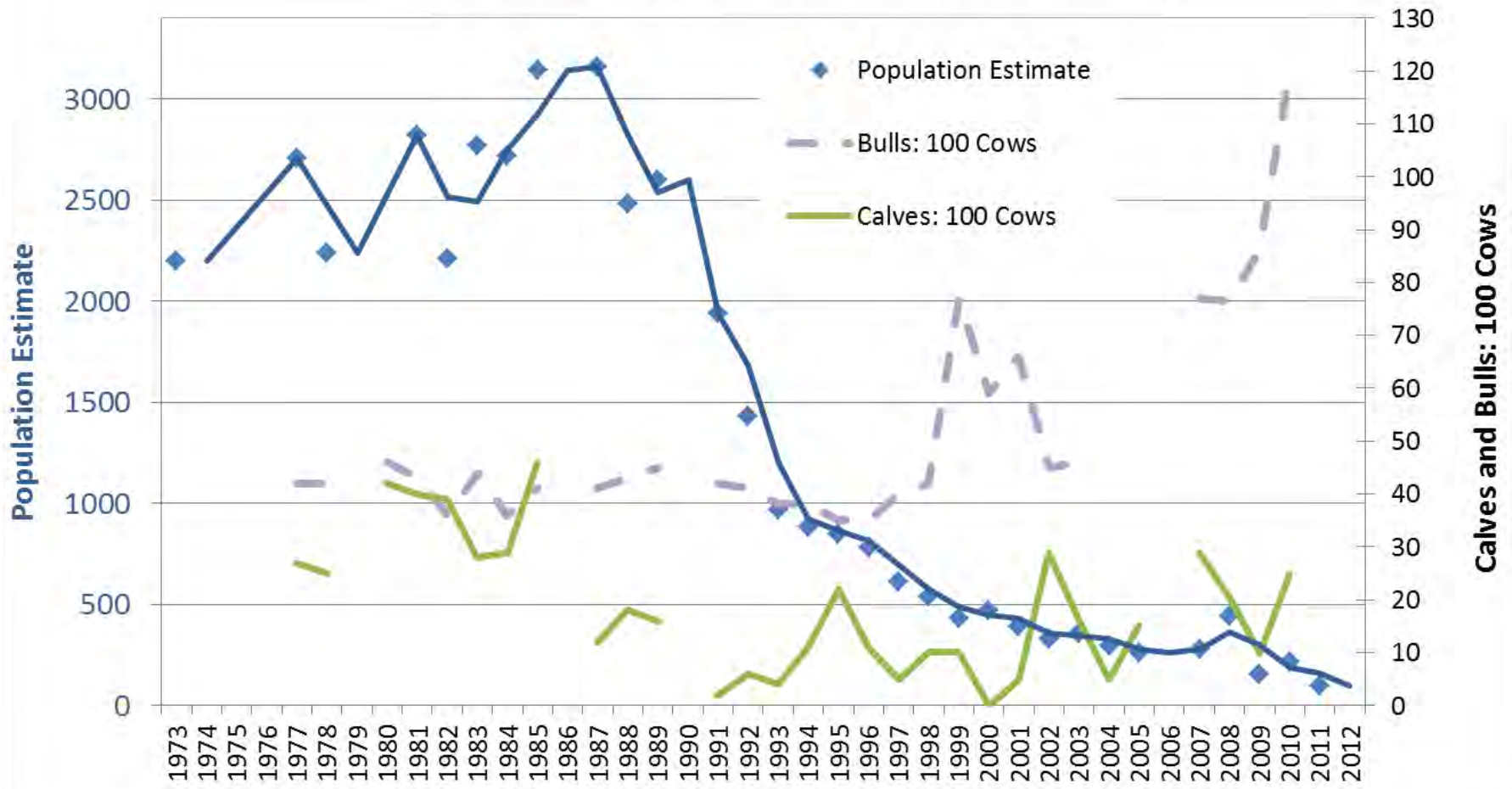
DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes
Copper Basin support 11-0
Tok Cutoff opposed 1-3
Paxson did not vote
Denali did not meet

Mentasta Caribou Herd and Land Status



MENTASTA CARIBOU HERD Population Estimate and Composition



Mentasta Caribou Considerations

- 1974 to 1989 harvest averaged 100 / year (range 45-236)
- State season has been closed since 1990
- Federal season has been closed since 1992
- The existing Mentasta Caribou Herd Cooperative Management Plan was last revised in 1995 with the following guidelines:
 - Recruitment of at least 80 calves prior to harvest
 - <70 caribou annual quota = federal harvest only
 - ≥ 70 caribou annual quota = federal and state harvest
- High proportion of federal and private lands
- Limited access

Proposal 84

Summary

EFFECT:

- ❖ Establish a positive finding for high levels of consumptive use under regulations for implementing Intensive Management (IM) for the Mentasta Caribou Herd in Units 11 and 12 (*currently negative*)
- ❖ Establish IM population and harvest objectives
- ❖ Design and implement a wolf and bear control program on private Ahtna-Inc. lands in Unit 11 from Suslositna Creek south to Sanford River

DEPARTMENT RECOMMENDATION: **No Recommendation**

Proposal 85

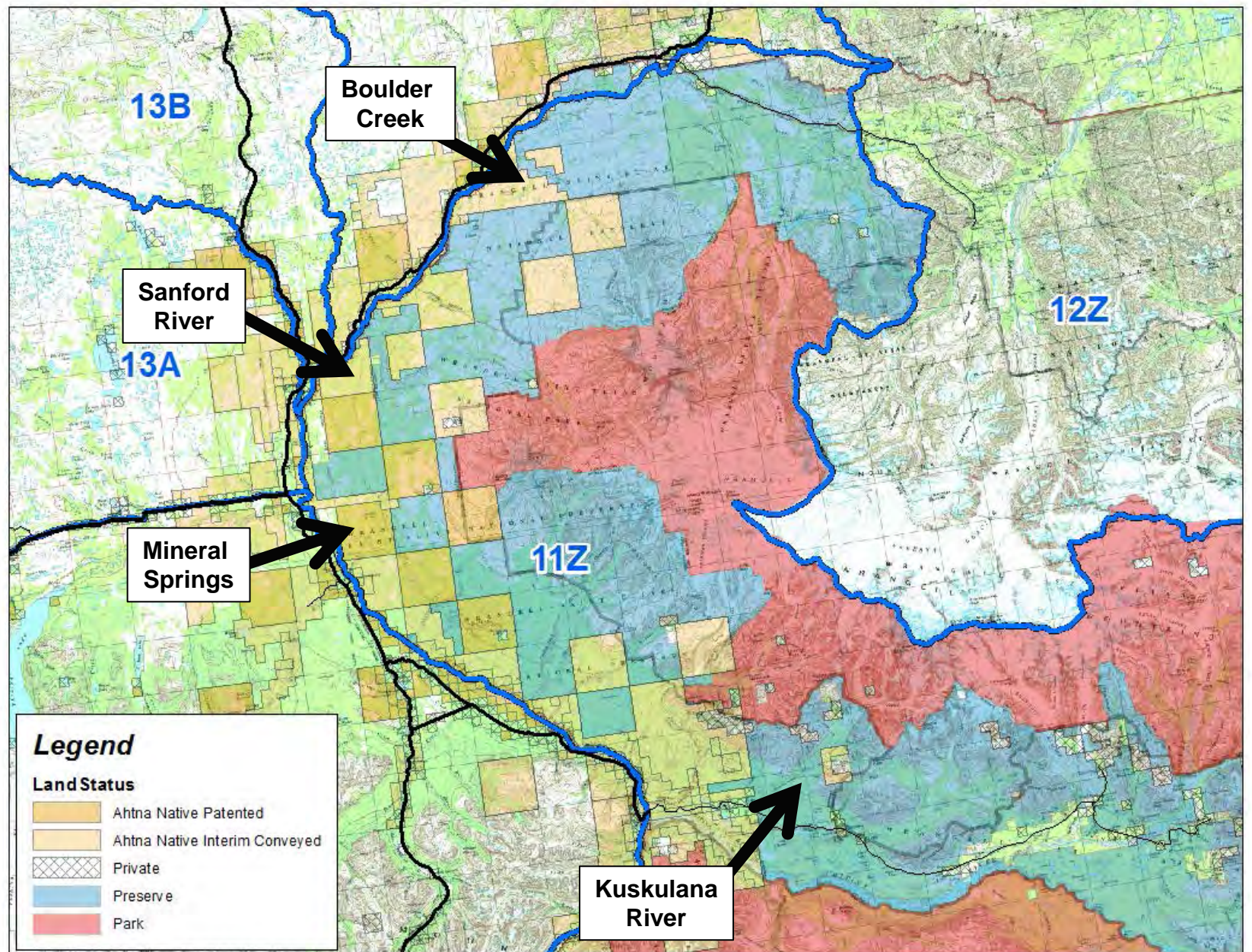
EFFECT:

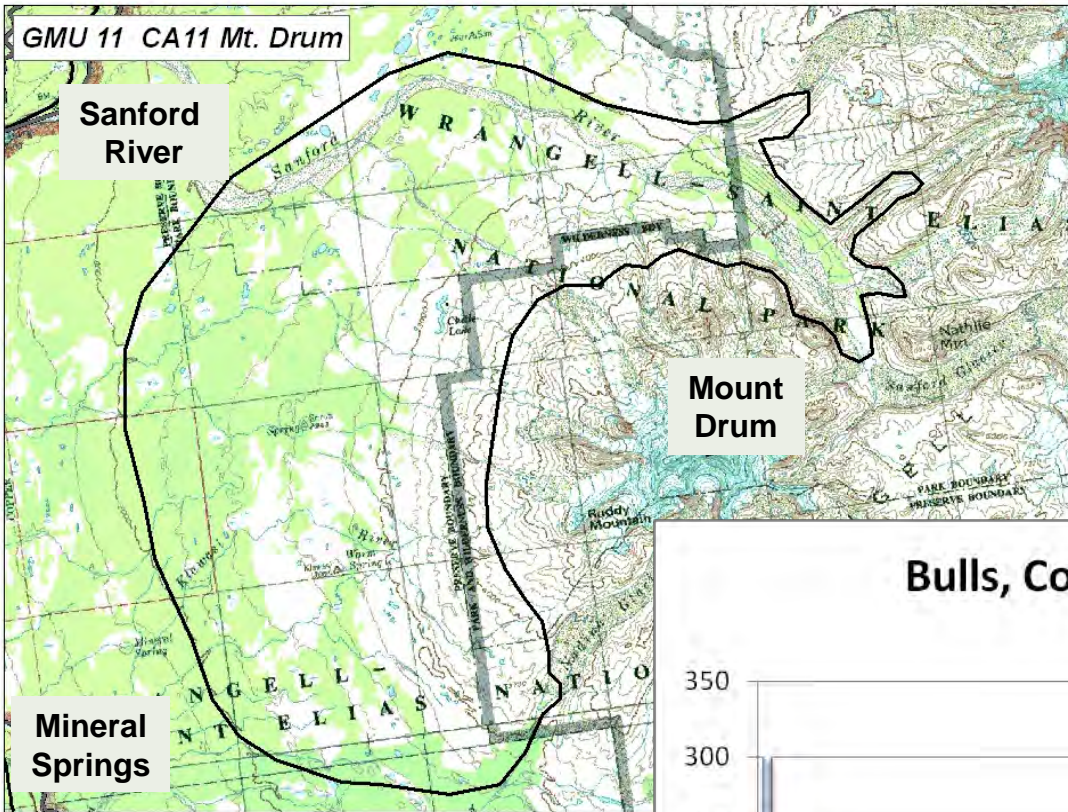
- ❖ Establish a positive finding for high levels of consumptive use for moose in Unit 11
- ❖ Establish a wolf and bear control program on private Ahtna-Inc. lands in Unit 11 from Boulder Creek south to Sanford River, and Mineral Springs to Kuskulana River

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes
Copper Basin support 11-0
Tok Cutoff support 4-0
Paxson did not vote
Denali did not meet

Proposed Moose IM Area and Land Status

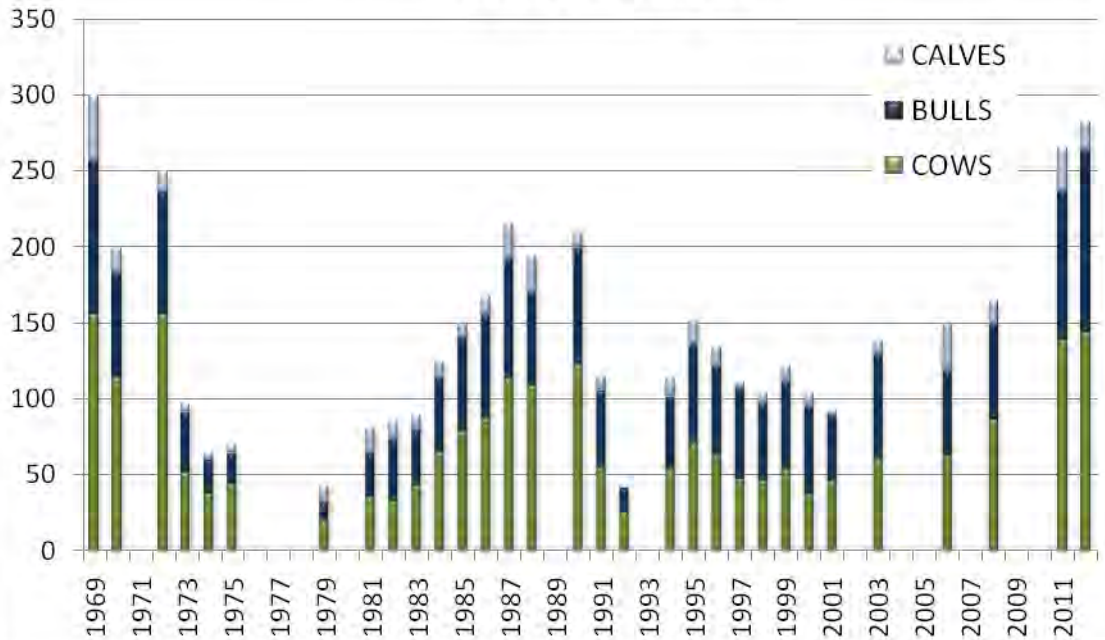




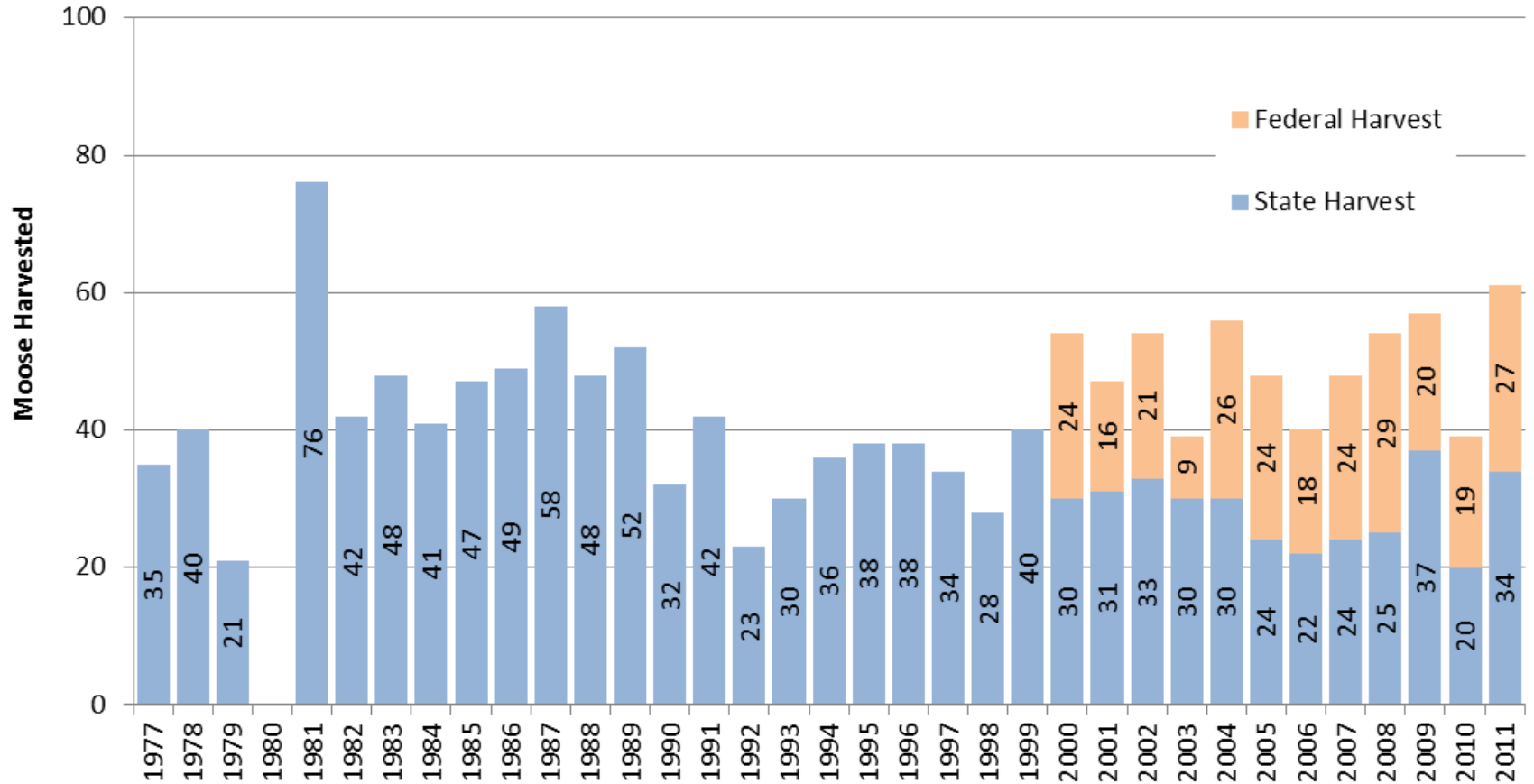
Total Moose Density

0.4 – 1.0 moose / mi²

**Bulls, Cows, and Calf Moose Counted
CA-11 in Unit 11**



Unit 11 Bull Moose Harvest State General Hunt and Federal Hunt



Unit 11 Moose Considerations

- 1977 to 2011 harvest averaged 43 / year (range 21-76)
- High proportion of federal and private lands
- Limited access
- Population trend increasing since 2001

Proposal 85

Summary

EFFECT:

- ❖ Establish a positive finding for high levels of consumptive use for moose in Unit 11
- ❖ Establish a wolf and bear control program on private Ahtna-Inc. lands in Unit 11 from Boulder Creek south to Sanford River, and Mineral Springs to Kuskulana River

DEPARTMENT RECOMMENDATION: No Recommendation

Proposal 86

EFFECT:

❖ Close state and private lands in subunit 13E north and west of the Parks Highway to the boundary of Denali National Park, and the area 5 miles south and east of the highway to the taking of wolves.

DEPARTMENT RECOMMENDATION: No Recommendation

Advisory Committee votes

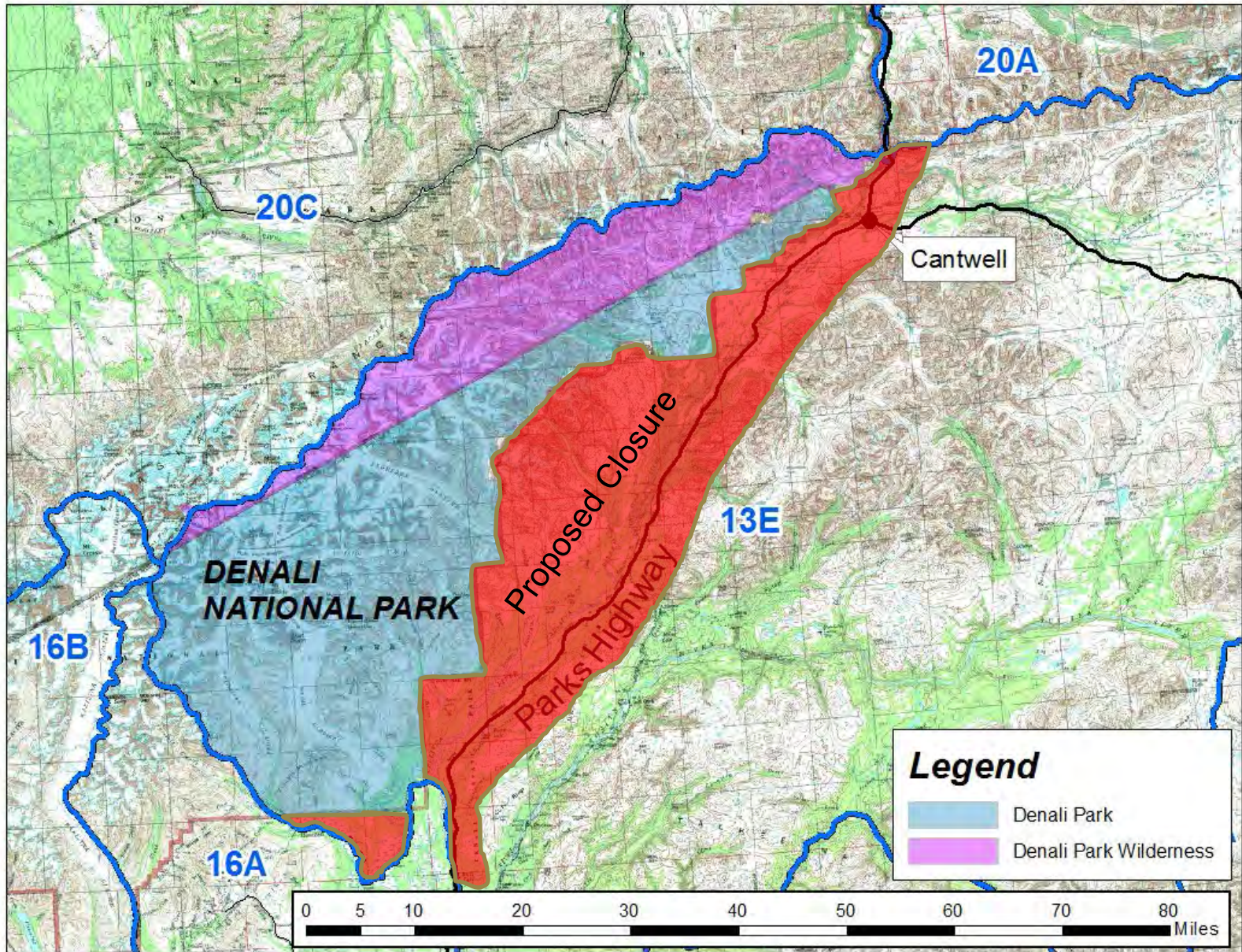
Copper Basin opposed 0-11

Tok Cutoff opposed 0-4

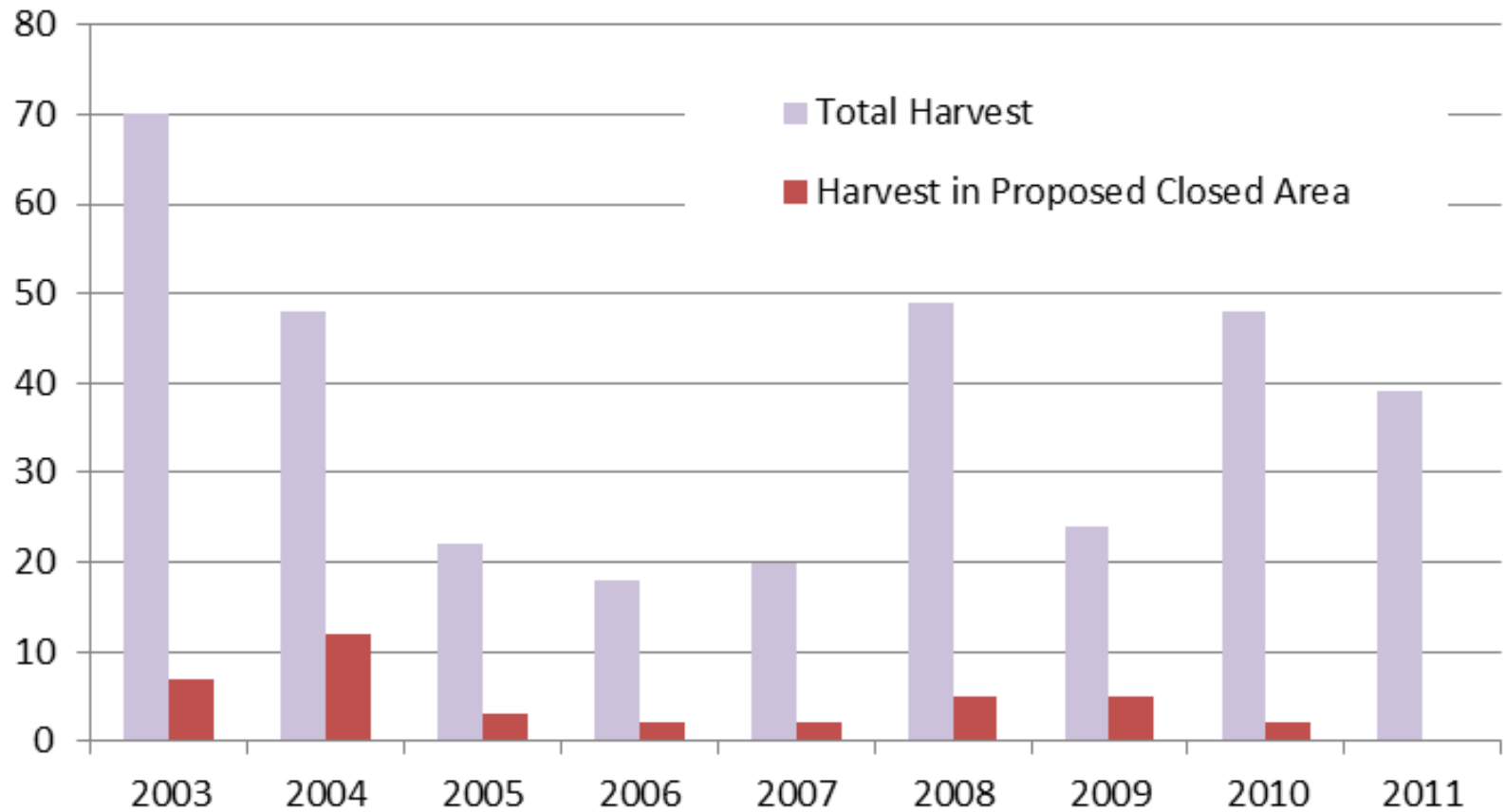
Paxson did not vote

Denali did not meet

13E WEST LAND STATUS



13E Wolf Harvest



Proposal 86

Summary

EFFECT:

❖ Close state and private lands in subunit 13E north and west of the Parks Highway to the boundary of Denali National Park, and the area 5 miles south and east of the highway to the taking of wolves.

DEPARTMENT RECOMMENDATION: No Recommendation

Proposal 87

EFFECT:

❖ Allow the use of off-road vehicles by elderly and disabled hunters in state parks in Unit 13.

DEPARTMENT RECOMMENDATION: Take No Action

Advisory Committee votes

Copper Basin did not vote

Tok Cutoff opposed 0-4

Paxson did not vote

Denali did not meet

Proposal 88

EFFECT:

PROPOSED REGULATION

- ❖ Season Dates: August 20 – March 31
- ❖ Bag Limit 5 per day / 10 in possession

CURRENT REGULATION

- ❖ Season Dates: August 10 – December 31
- ❖ Bag Limit 10 per day / 20 in possession

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

Copper Basin *support 7-0-4*

Tok Cutoff *support 4-0*

Paxson *support 5-0*

Denali *did not meet*

Proposal 88:

Reinstating the winter ptarmigan season in GMU 13B and Delaying the season start date by 10 days

RC: 2, Tab: 5

Public Proposal

ADF&G

No Recommendation

Advisory Committees:

SUPPORT

Paxson

Delta

Tok Cutoff / Nabesna Rd.

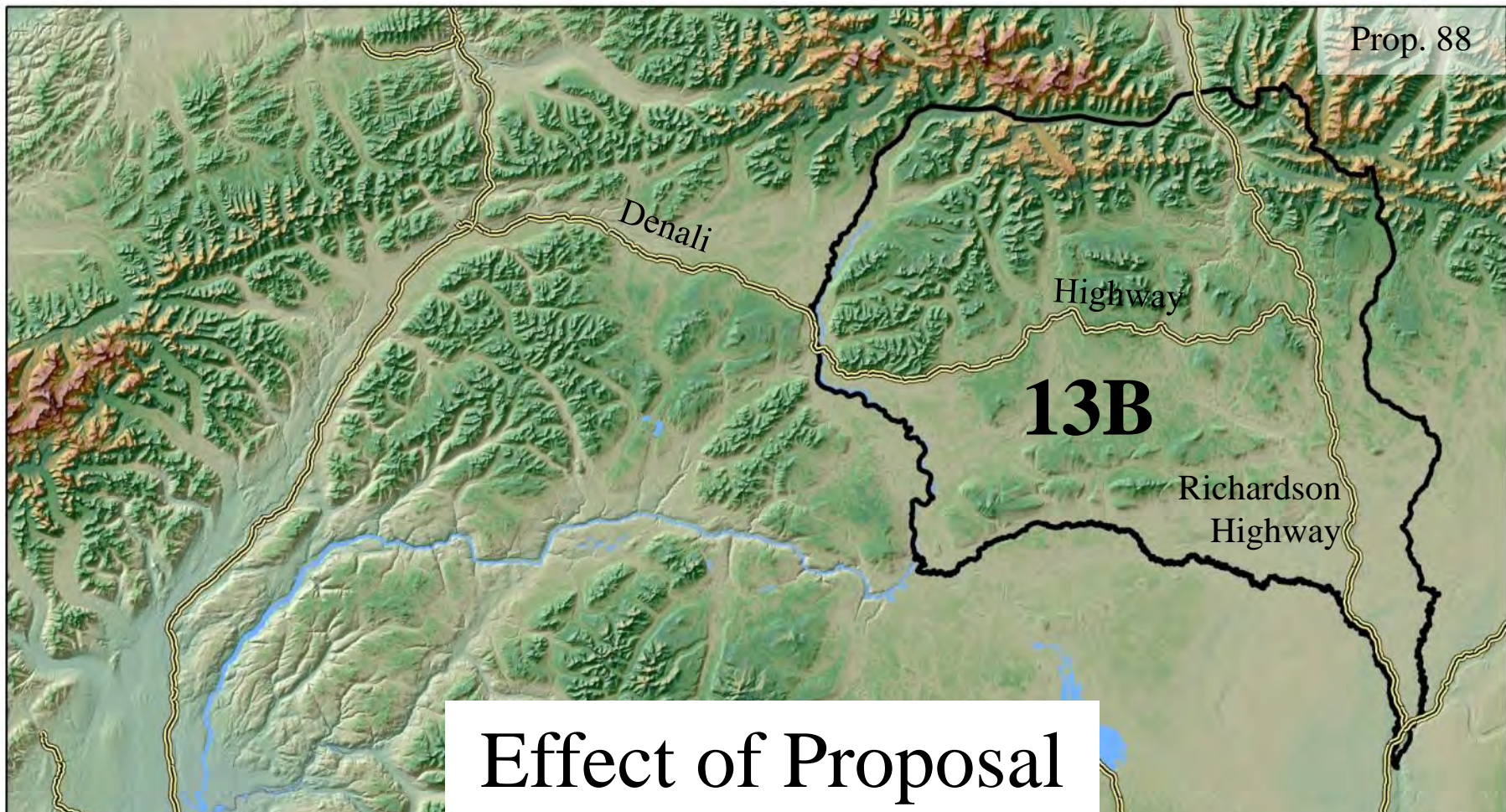
Anchorage

OPPOSE

Mat-Su



Rick Merizon
Small Game Biologist
Palmer, Alaska
907.746.6333
richard.merizon@alaska.gov



Effect of Proposal

	Season Dates	Bag Limit
Current	August 10 - November 30	10 daily, 20 in possession
Proposed	August 20 - March 31	5 daily, 10 in possession

History

1. In RY 2005:

13A, B, and E – 10 daily TO 5 daily

2. Springtime Surveys in 13B and E – 1997-present

3. In RY 2009:

13A and E – return to 10 daily

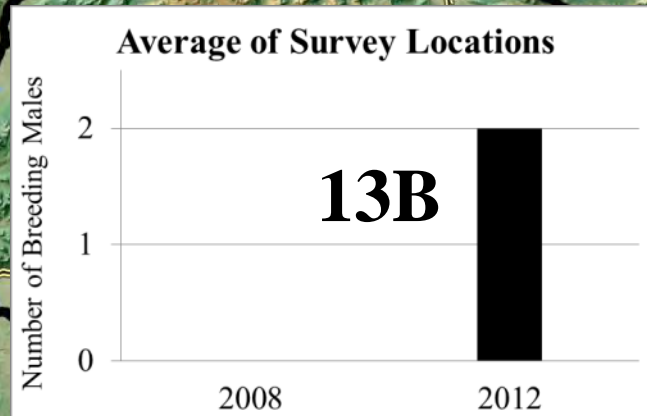
13B – Closed on November 30

4. Winter harvest - additive

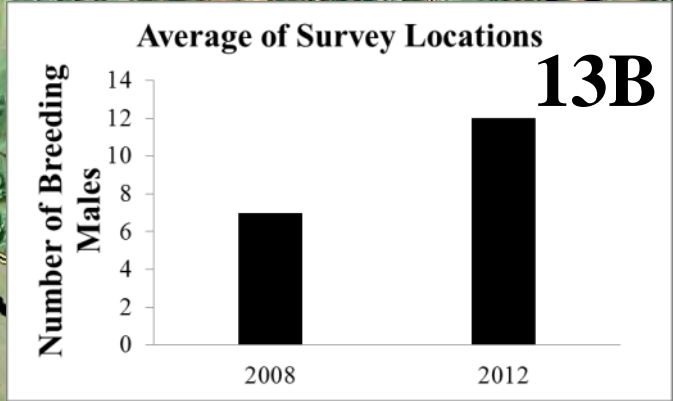
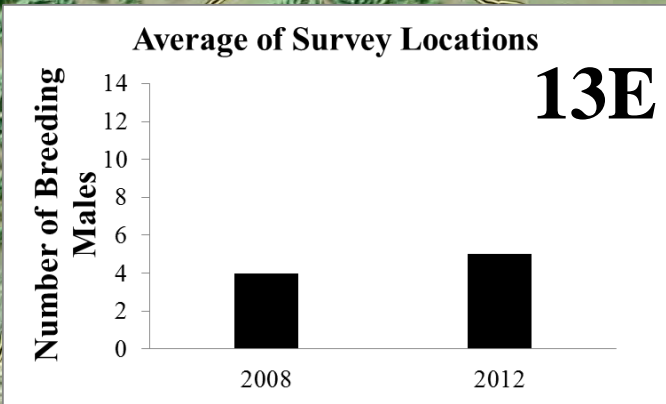
Rock Ptarmigan

No Rock Ptarmigan
Survey Locations

13E



Willow Ptarmigan



Rock



1. Occur throughout Alaska including Aleutian Islands
2. Generally less abundant but can vary by location
3. Spring/Summer - In more exposed, rocky slopes than willow ptar.

Winter / spring – Often co-mingle

Willow



1. Occur throughout mainland Alaska NOT on Aleutian Islands
2. Generally more abundant
3. Spring/Summer - In stands of willow (*Salix* spp.)

Winter / spring – Often co-mingle

Statewide Small Game Survey

1. GMU 13 - 3rd most popular for ptarmigan
2. GMU 13 – 13th in harvest / effort
...high effort, poor success
3. Few harvest more than 1-3 birds / outing

Summary

1. Winter harvest is additive
2. Cannot manage rock and willow ptarmigan separately
3. In 13B - rock ptarmigan remain low, willow ptarmigan increasing
4. Bag limit reduction will have little effect

Future

1. Additional springtime survey locations
2. Document movement of 13B rock ptarmigan
 - radio collar 15-20 individuals
3. Additional opportunity in adjacent subunits and 20D



Key Issue

Provide opportunity?

OR

Provide higher success in the fall?

Proposal 88:

Reinstating the winter ptarmigan season in GMU 13B and Delaying the season start date by 10 days

RC: 2, Tab: 5

Public Proposal

ADF&G

No Recommendation

Advisory Committees:

SUPPORT

Paxson

Delta

Tok Cutoff / Nabesna Rd.

Anchorage

OPPOSE

Mat-Su



Rick Merizon
Small Game Program Coordinator
Palmer, Alaska
907.746.6333
richard.merizon@alaska.gov

Proposal 89

EFFECT:

- ❖ Establish a muzzleloader/archery Dall's sheep hunt in subunit 13A (eastern Talkeetna mountains), replacing the current general season hunt.
- ❖ Or, establish a drawing hunt in a small area south of the Little Nelchina River.

DEPARTMENT RECOMMENDATION: No Recommendation

Advisory Committee votes
Copper Basin *opposed 0-11*
Tok Cutoff *opposed 0-4*
Paxson *did not vote*
Denali *did not meet*




Proposal 89

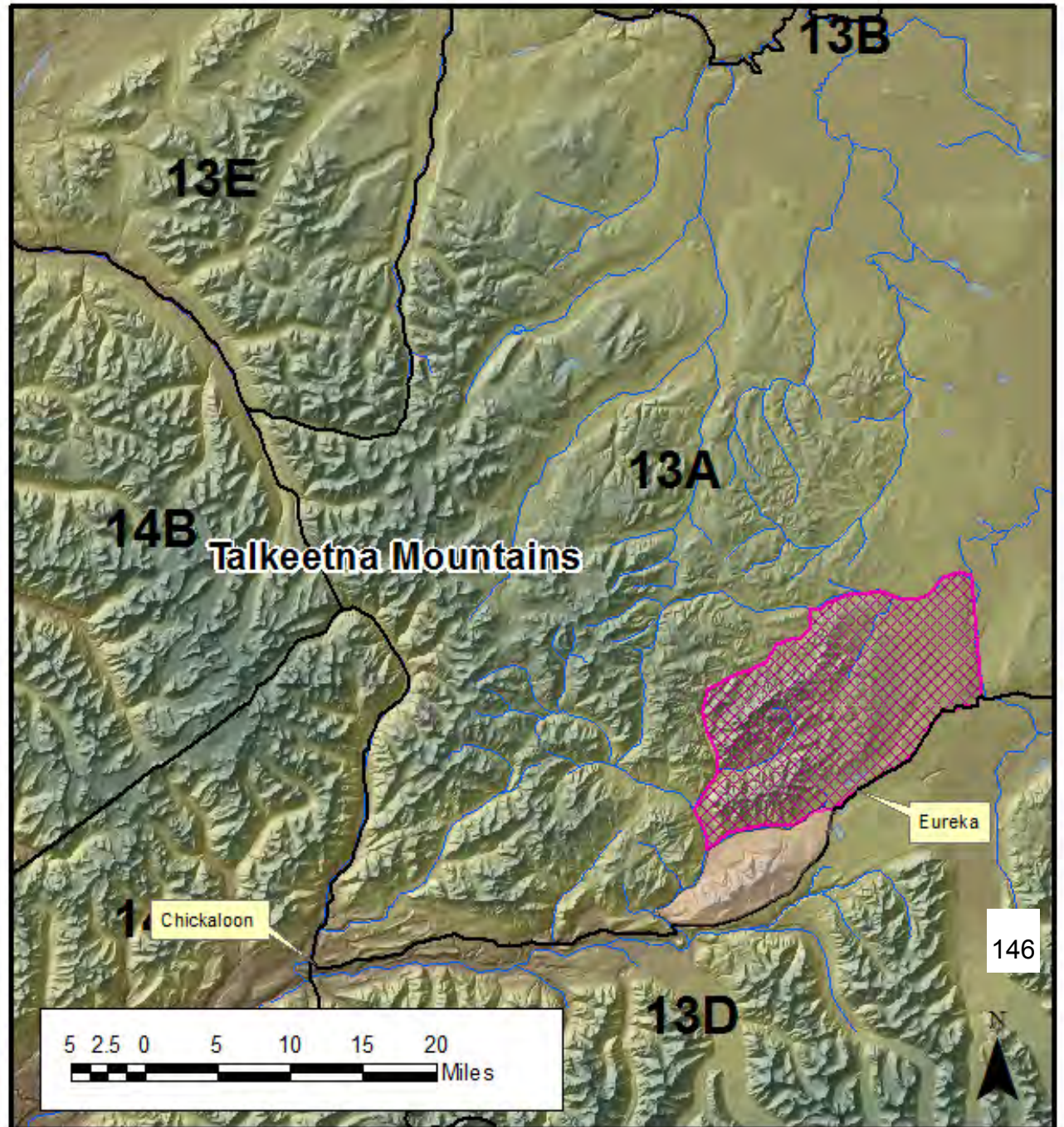
*Muzzleloader/
Archery
Dall Sheep
hunt for
all 13A*

or

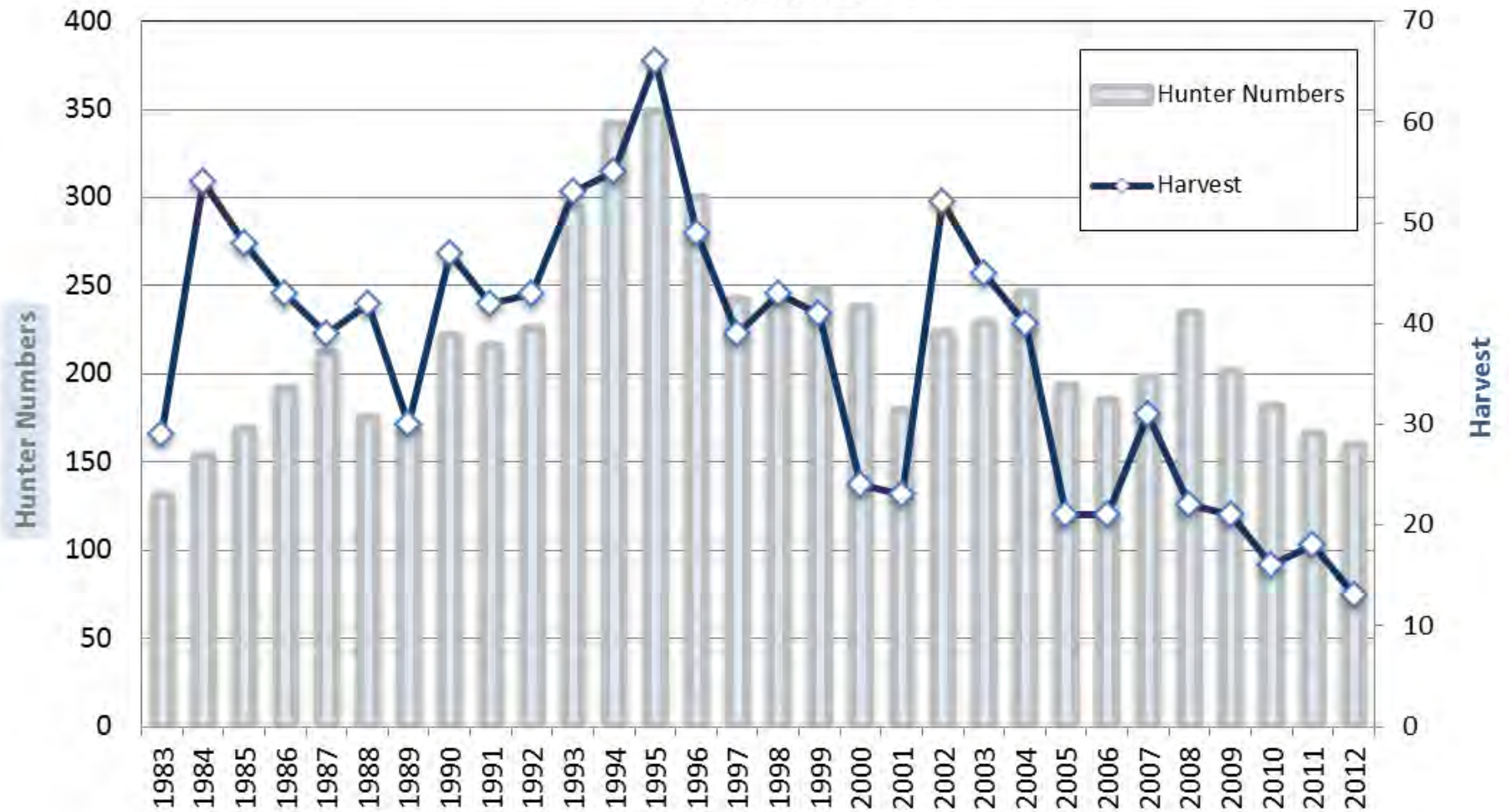
*Proposed
drawing
hunt
boundary
in a portion
of 13A*

Legend

-  Sheep Mountain Closed Area
-  Proposed Drawing Area
-  GMU

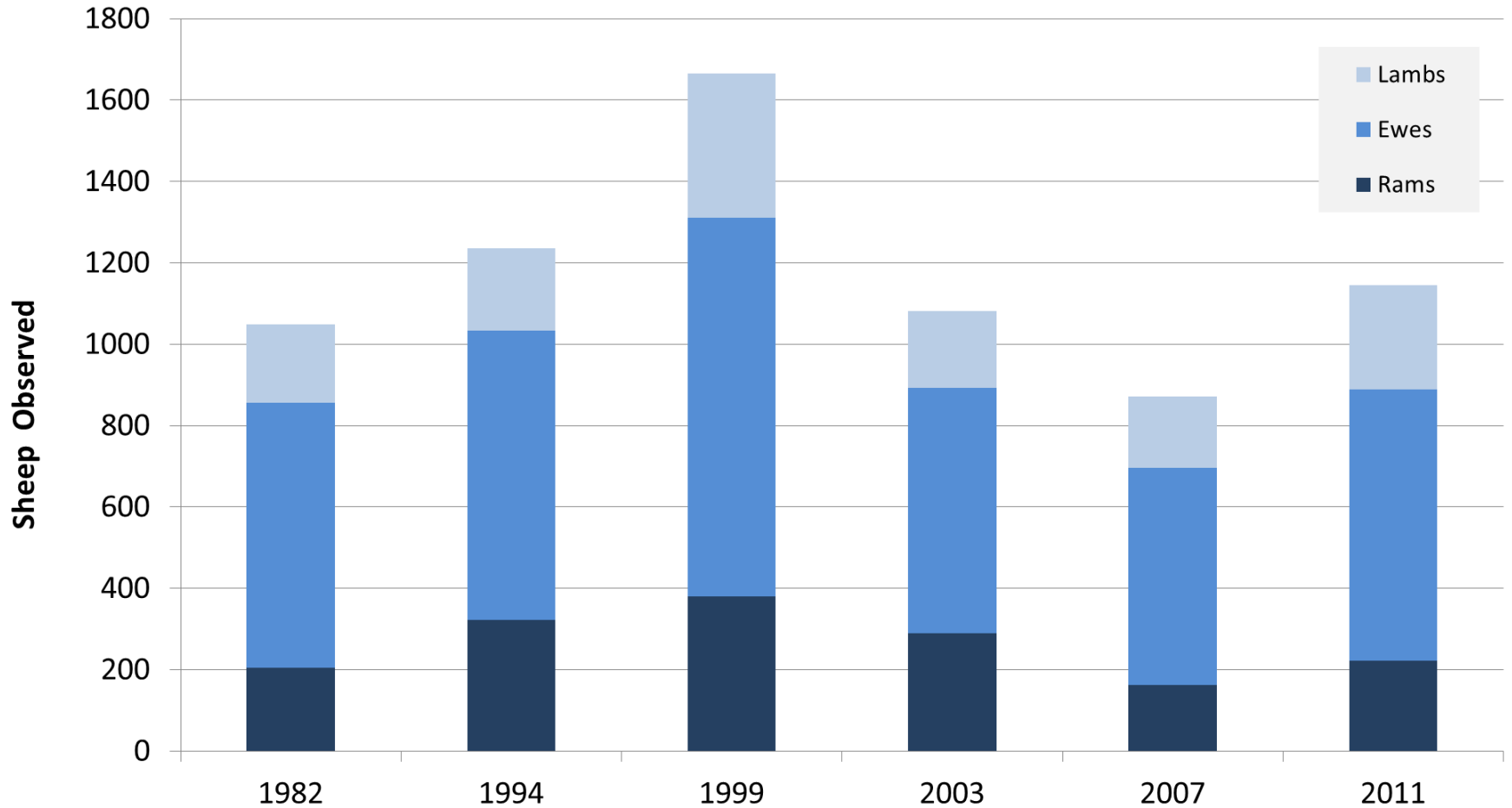


Dall Sheep Hunters and Harvest in Subunit 13A



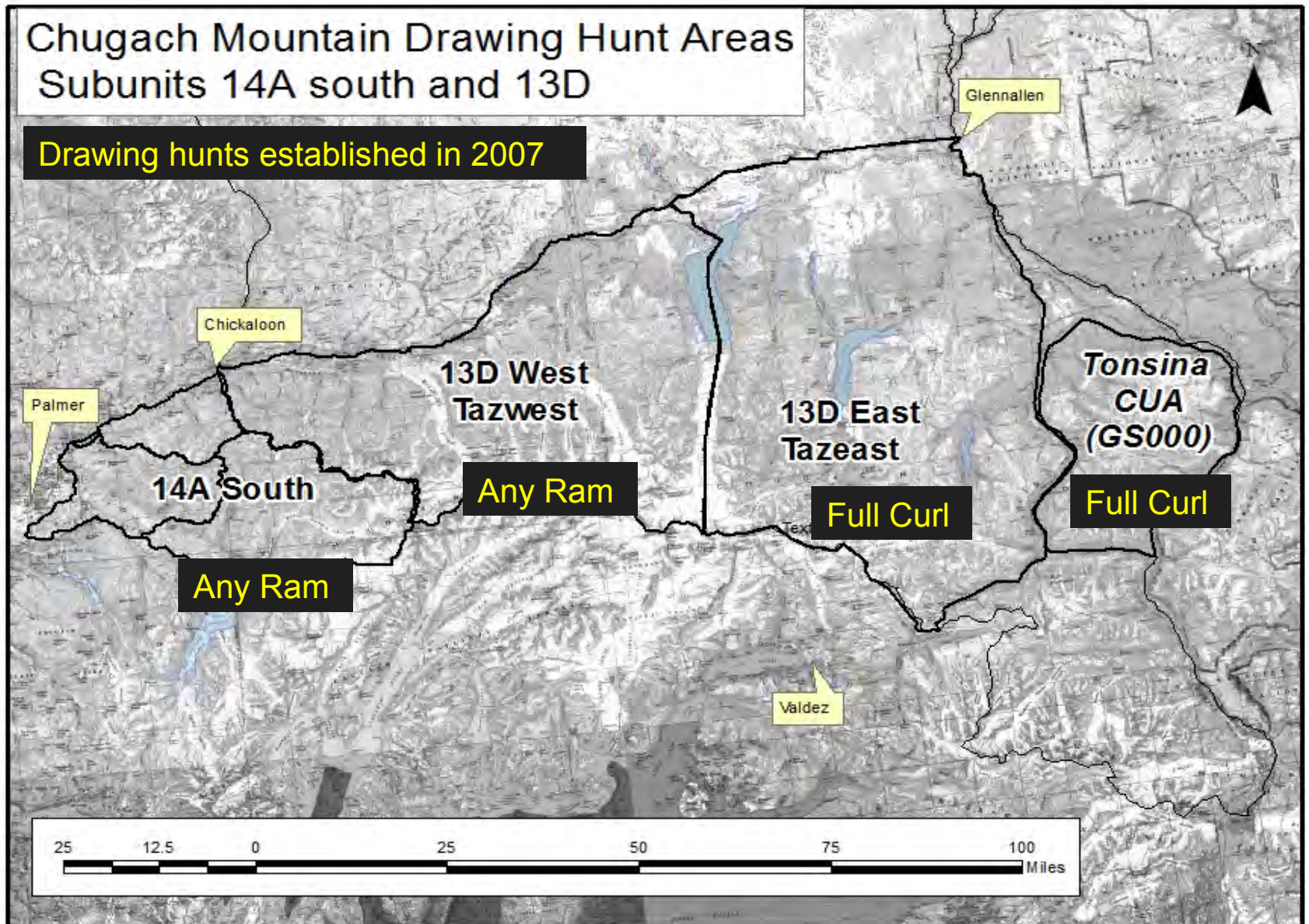
Eastern Talkeetna Mtn Sheep Surveys - 13A

Caribou Crk, Hicks Crk, Chickaloon, Boulder Crk, Sheep Mountain



Ratios observed in 2011
 38 lambs: 100 ewes 34 rams: 100 ewes (2 legal rams: 100 ewes)

Background for Proposals 90, 91, and 92



Points of discussion in 2007

- Sheep population decline between 2003 and 2006
- Overcrowding
- Poor hunt quality
- Few legal rams
- Chugach mountain trophy potential
- Resident / NR participation shifting towards NR

Any ram bag limit

vs.

Full curl bag limit

Higher success

Less selective harvest

Easier to judge “legal” ram

Less enforcement issues

Potentially lower success

Harvest focused on older/larger rams

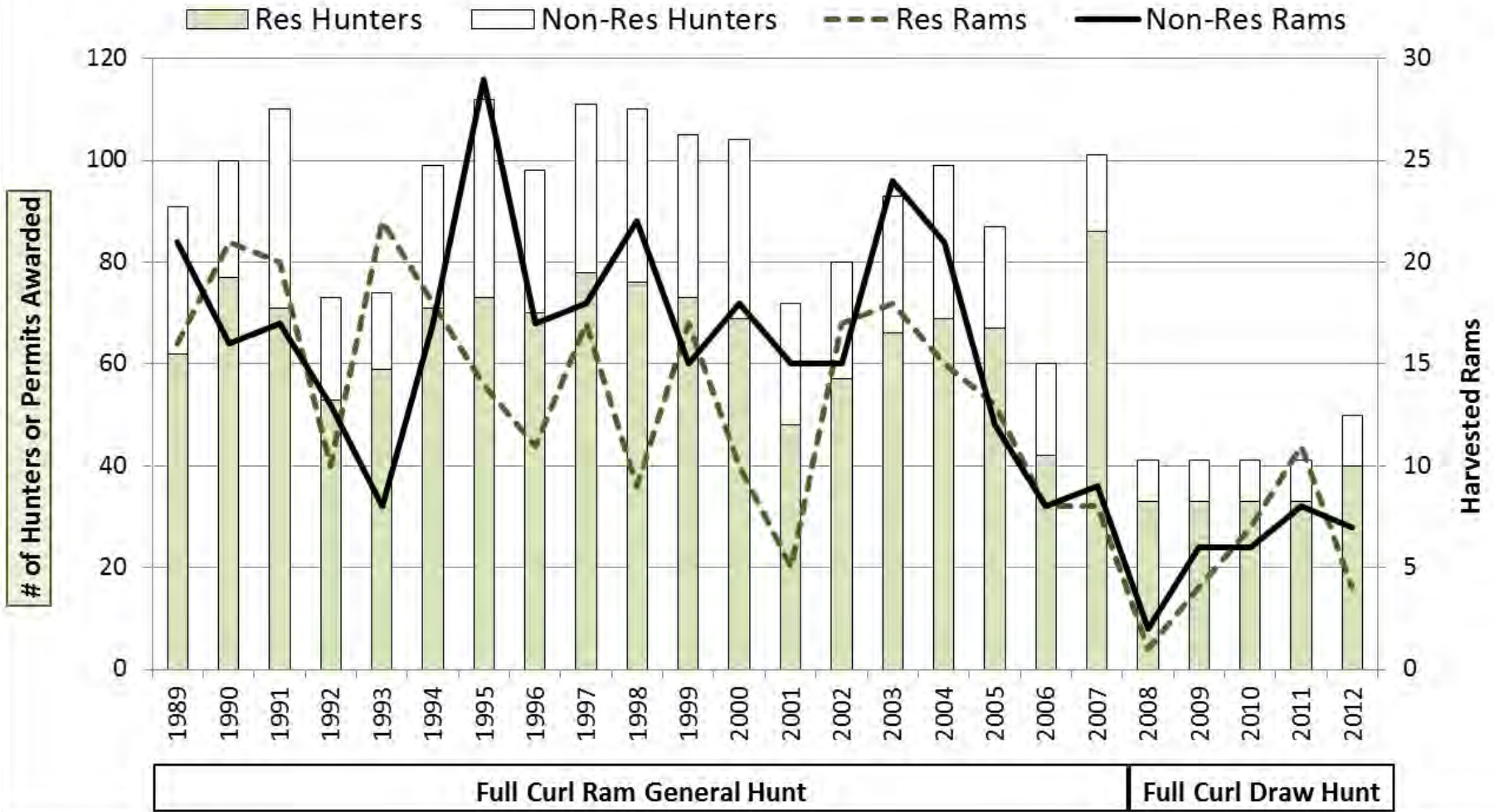
More enforcement issues

By Area

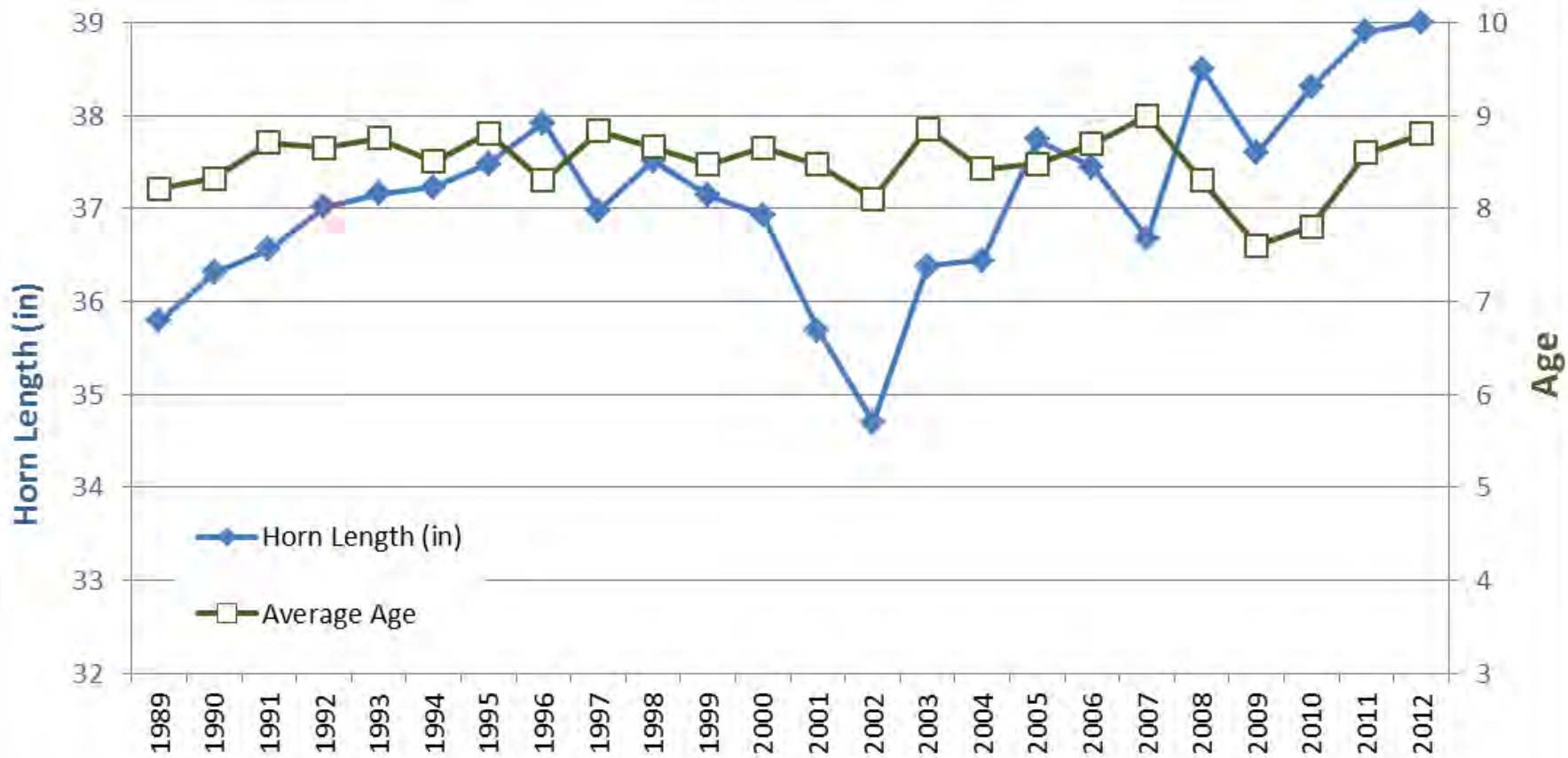
Before and After

	<u>#Hunters/</u>		Resident	NR
	<u>Permits</u>	<u>Harvest</u>	<u>Success</u>	<u>Success</u>
<u>13D Tazeast</u>				
2003-07 GS000	88	27	19%	65%
2008-12 Draw	43	11	26%	79%
<u>13D Tazwest</u>				
2003-07 GS000	51	19	17%	79%
2008-12 Draw	11	4	41%	90%
<u>14A South</u>				
2003-07 GS000	547	128	15%	43%
2008-12 Draw	214	52	37%	59%

13D Chugach TAZEAST Hunter Numbers and Harvest

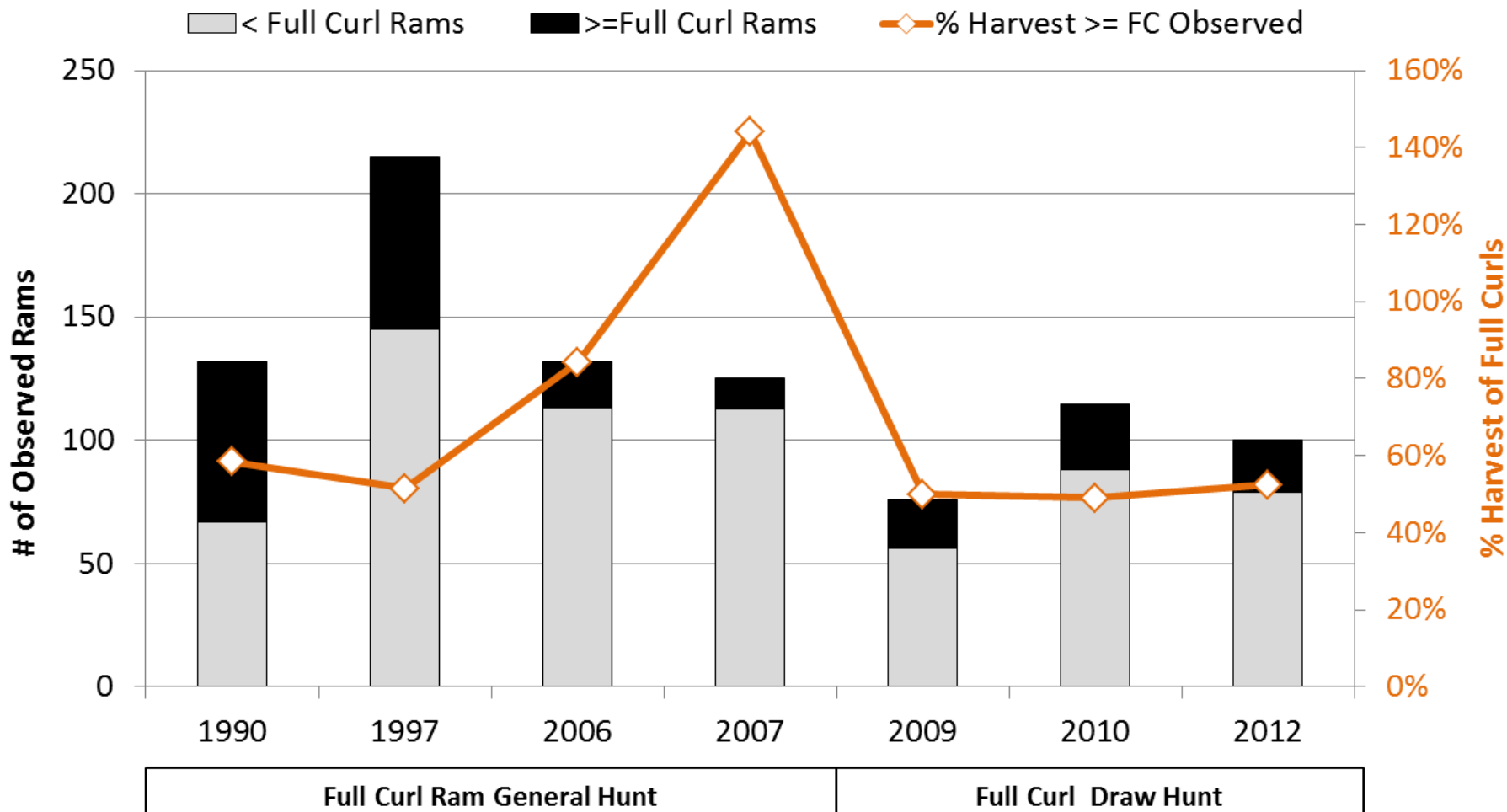


13D Chugach TAZEAST Average Age and Horn Length

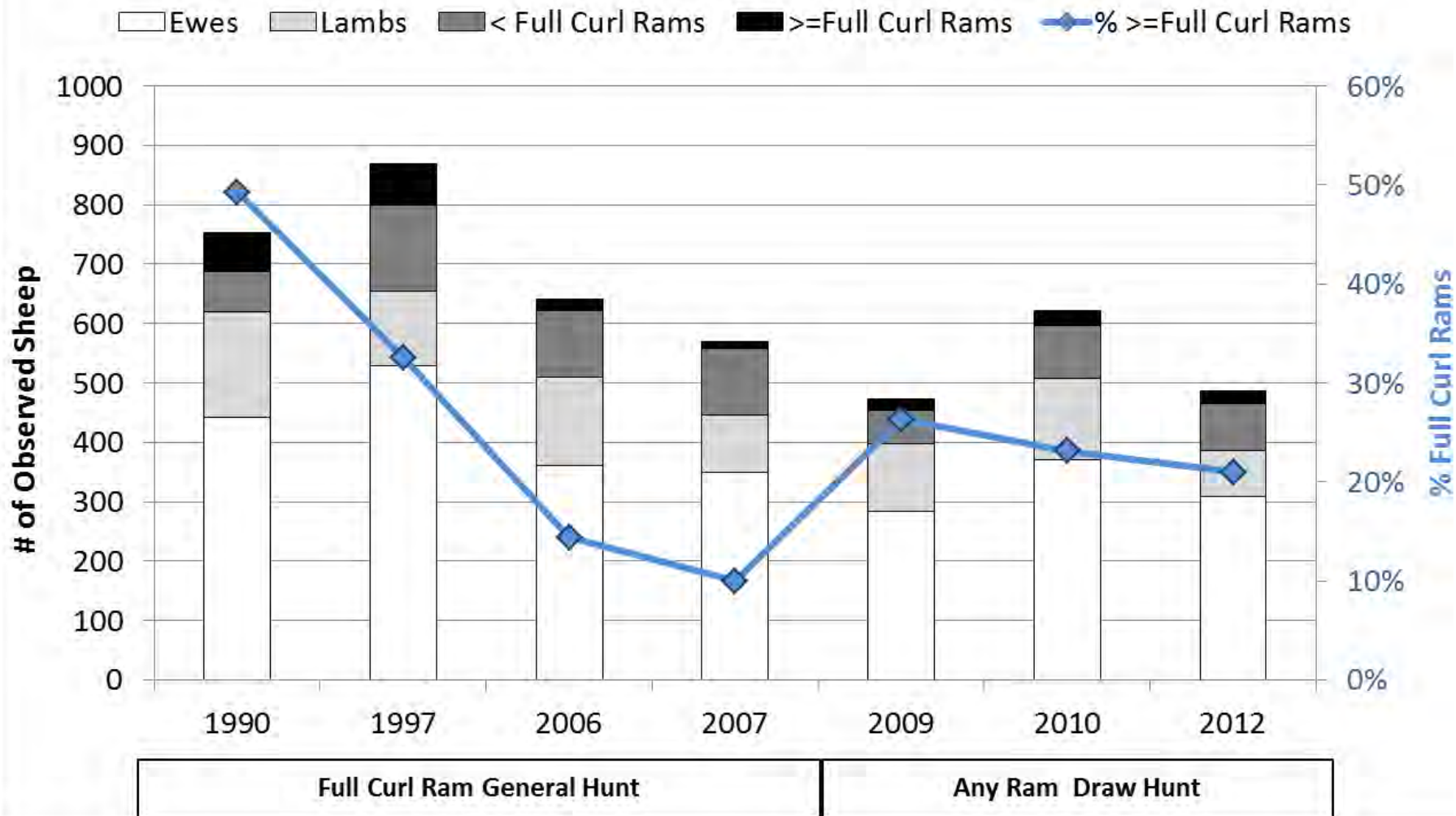


Full Curl Ram General Hunt	Full Curl Draw
-----------------------------------	-----------------------

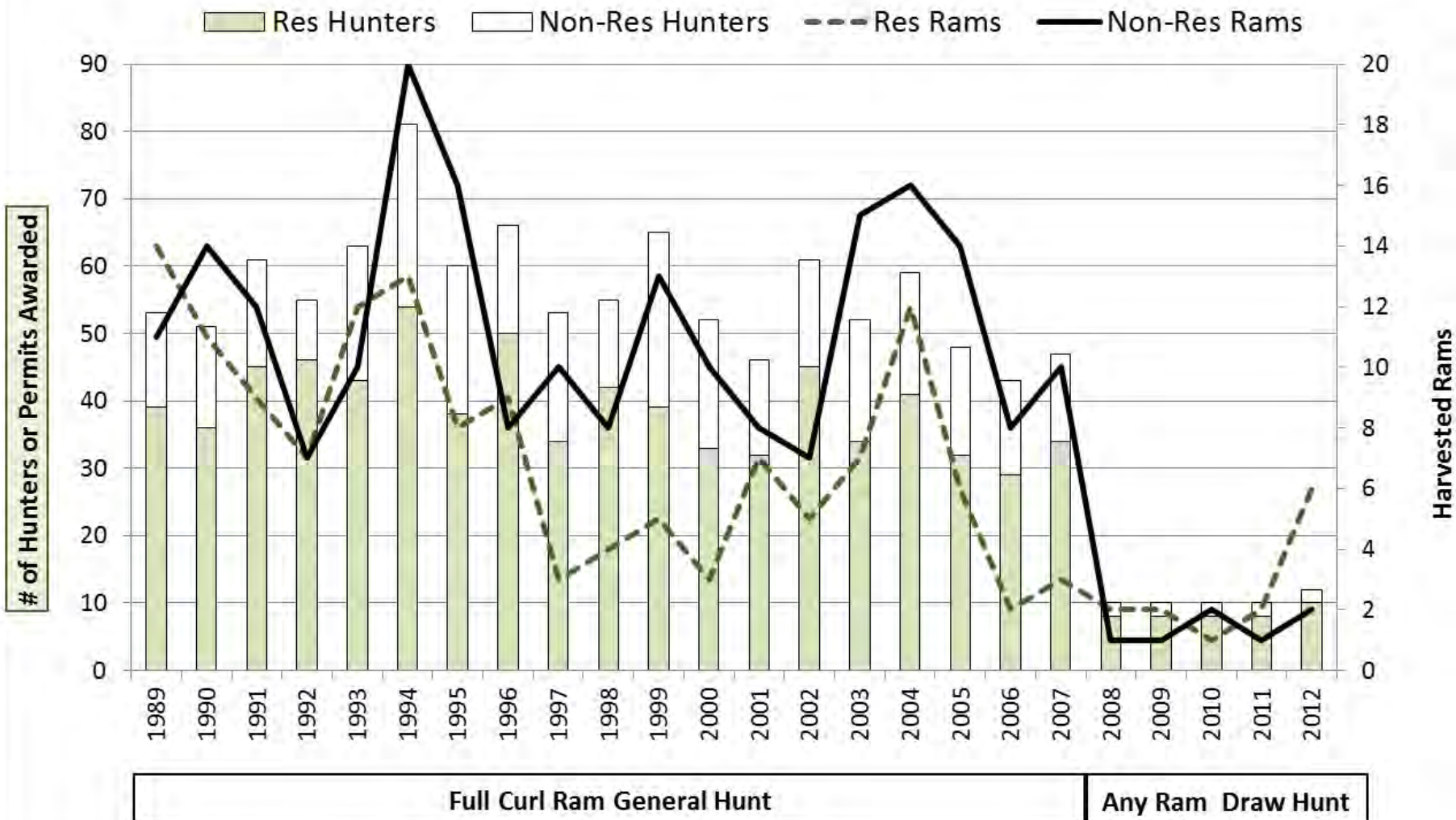
13D Chugach TAZEAST Ram Counts and Percent Harvest



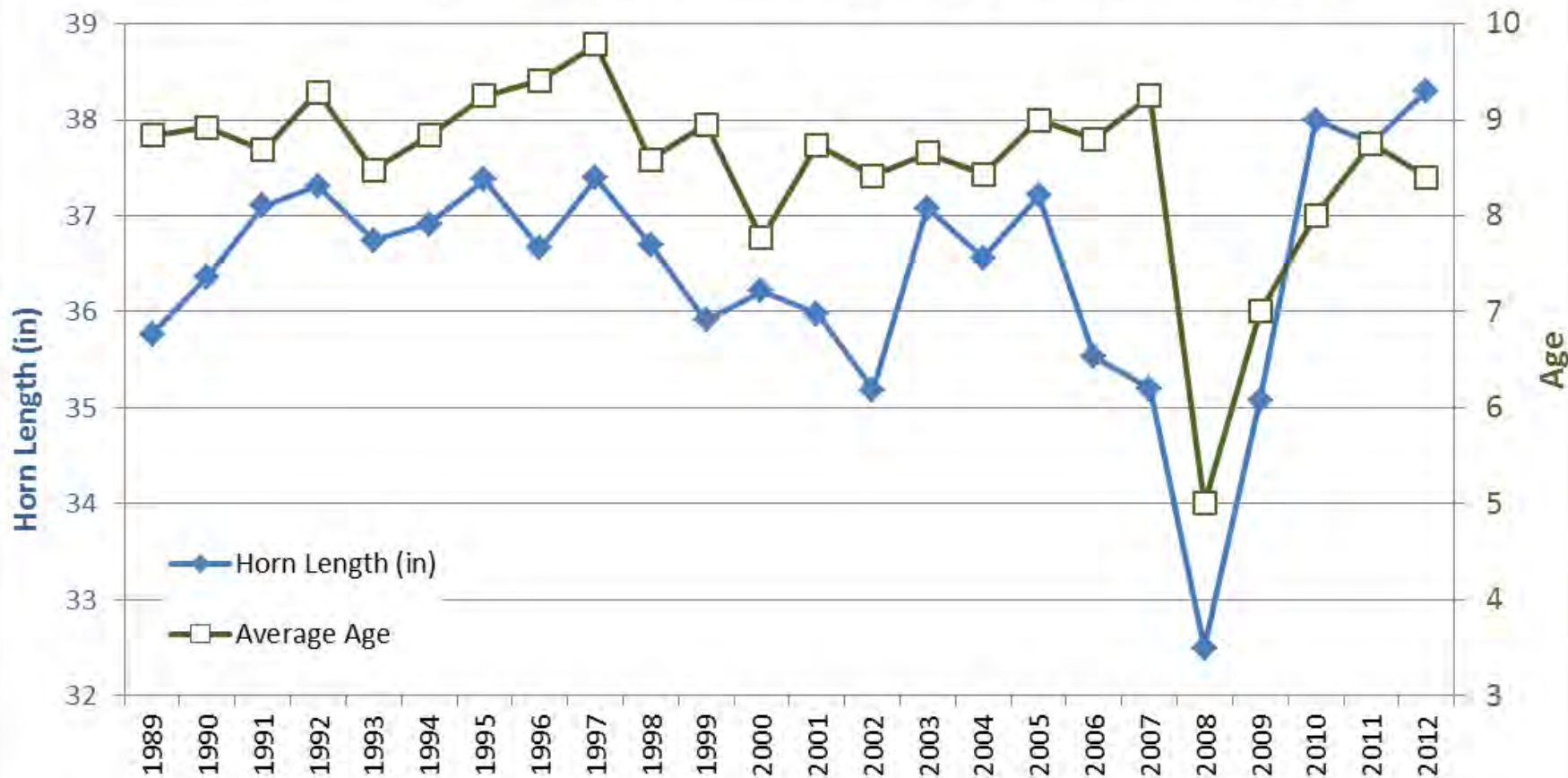
13D Chugach TAZEAST Population and Composition



13D Chugach TAZWEST Hunter Numbers and Harvest

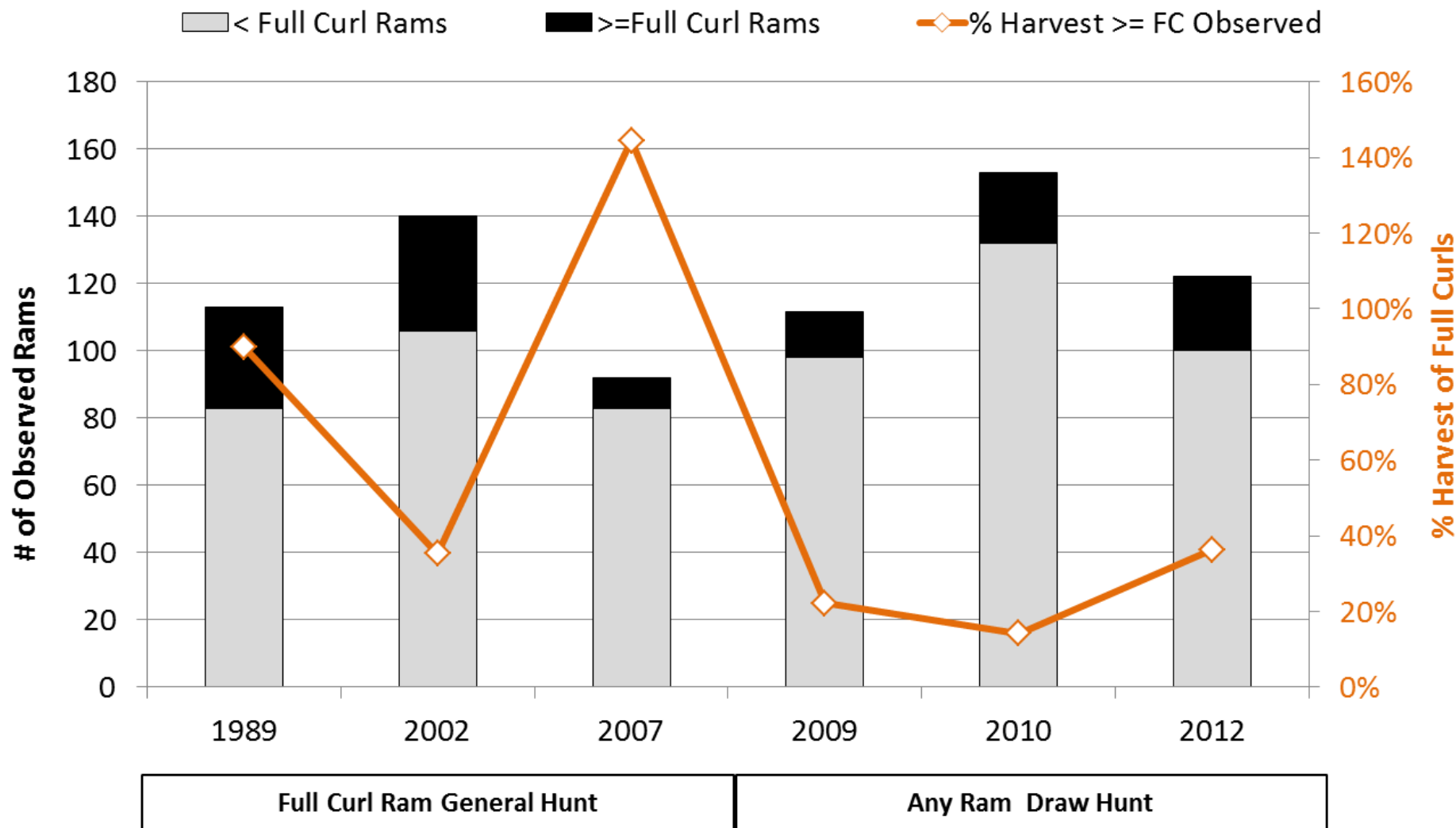


13D Chugach TAZWEST Average Age and Horn Length

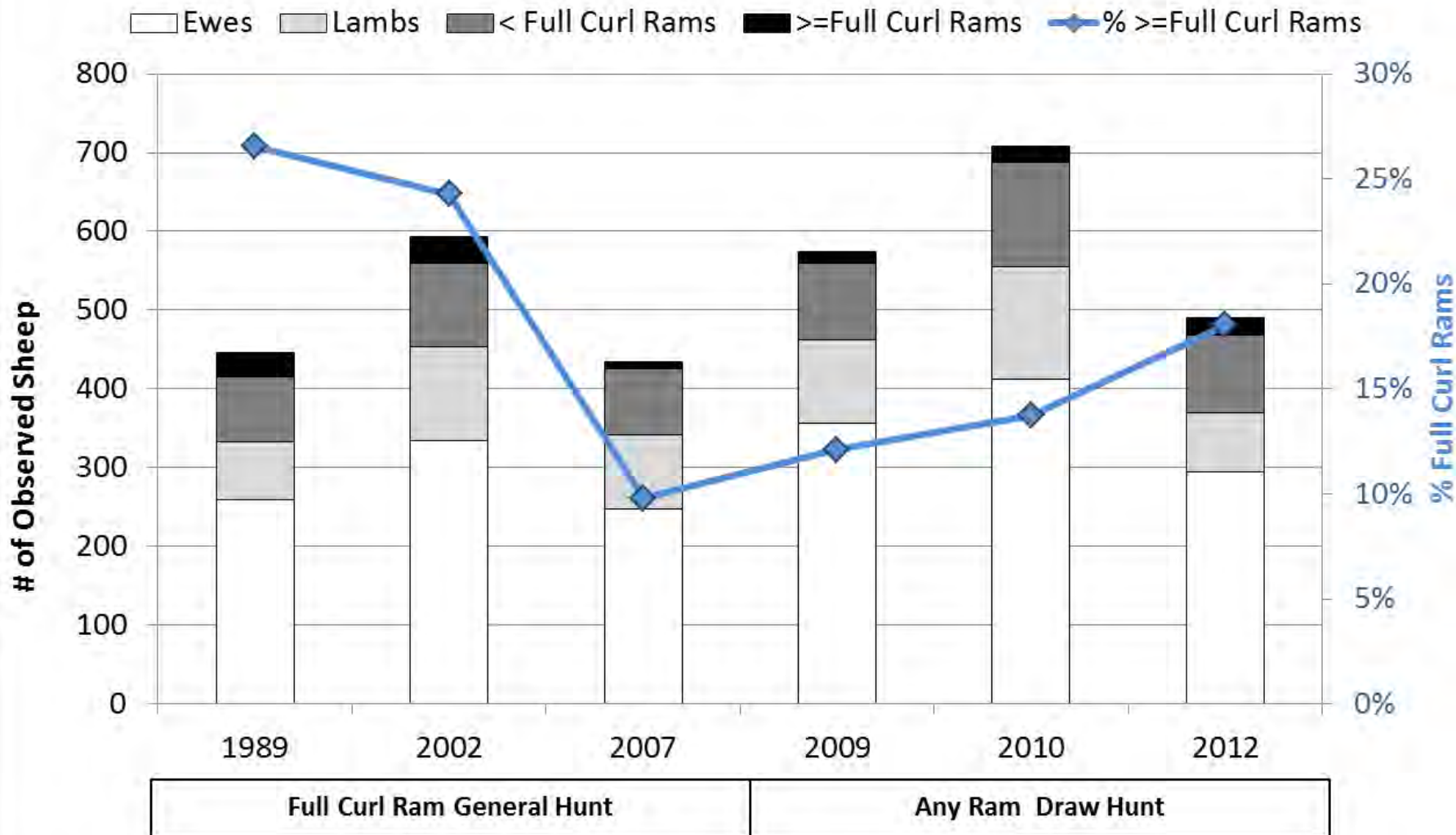


Full Curl Ram General Hunt	Any Ram Draw
-----------------------------------	---------------------

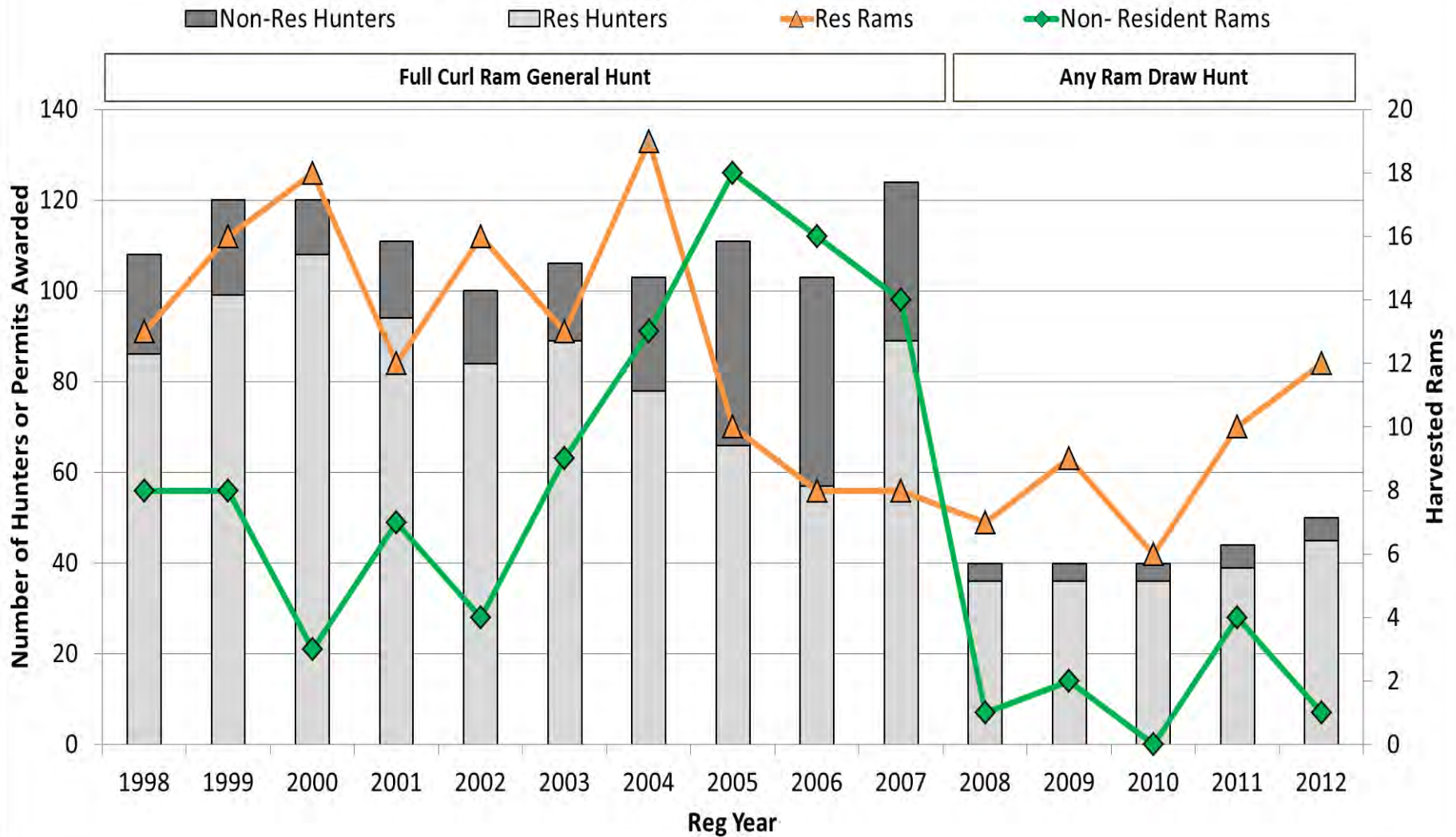
13D Chugach TAZWEST Ram Counts and Percent Harvest



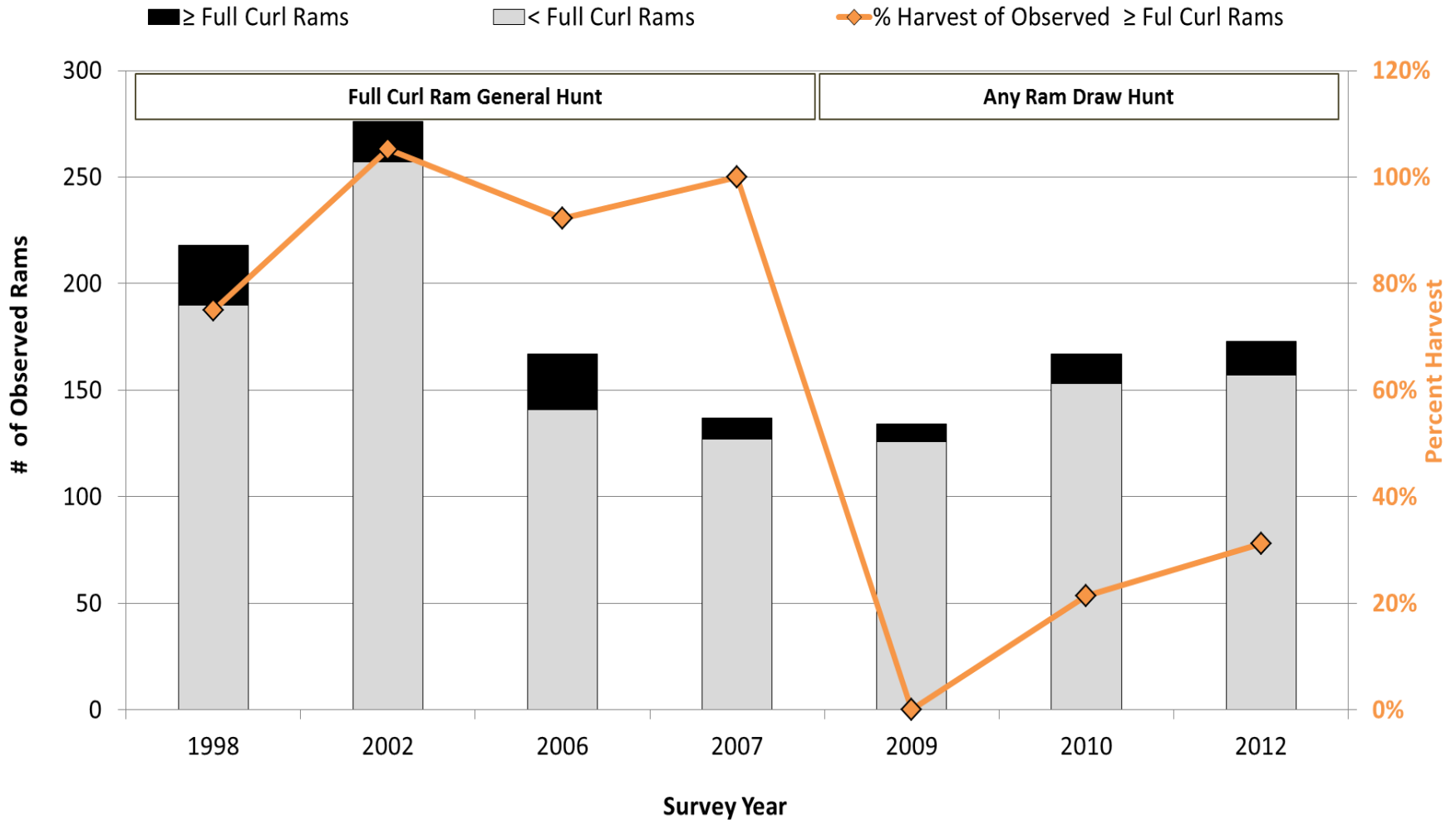
13D Chugach TAZWEST Population and Composition



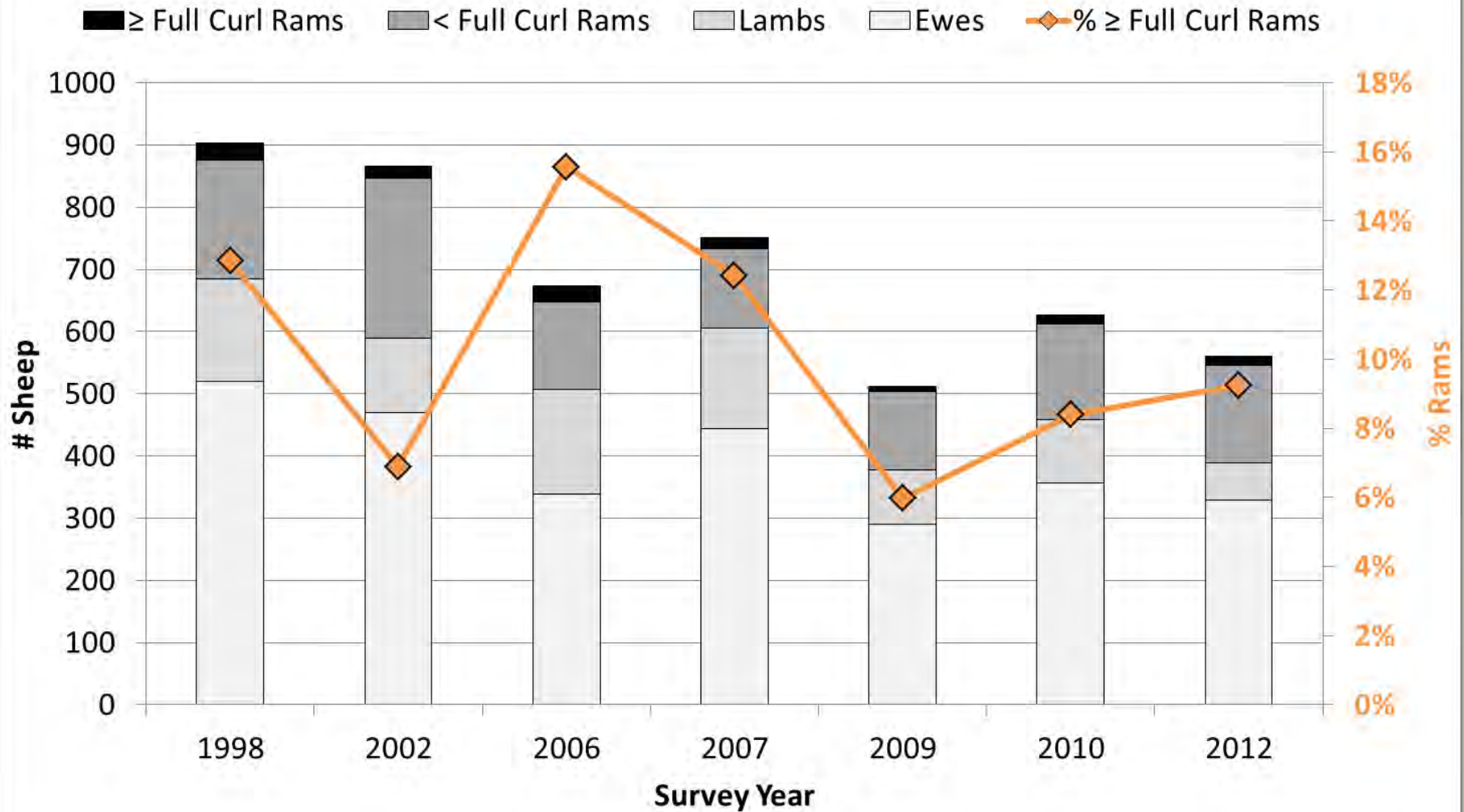
14A Chugach Ram Harvest and Hunter Numbers (1998-2012)



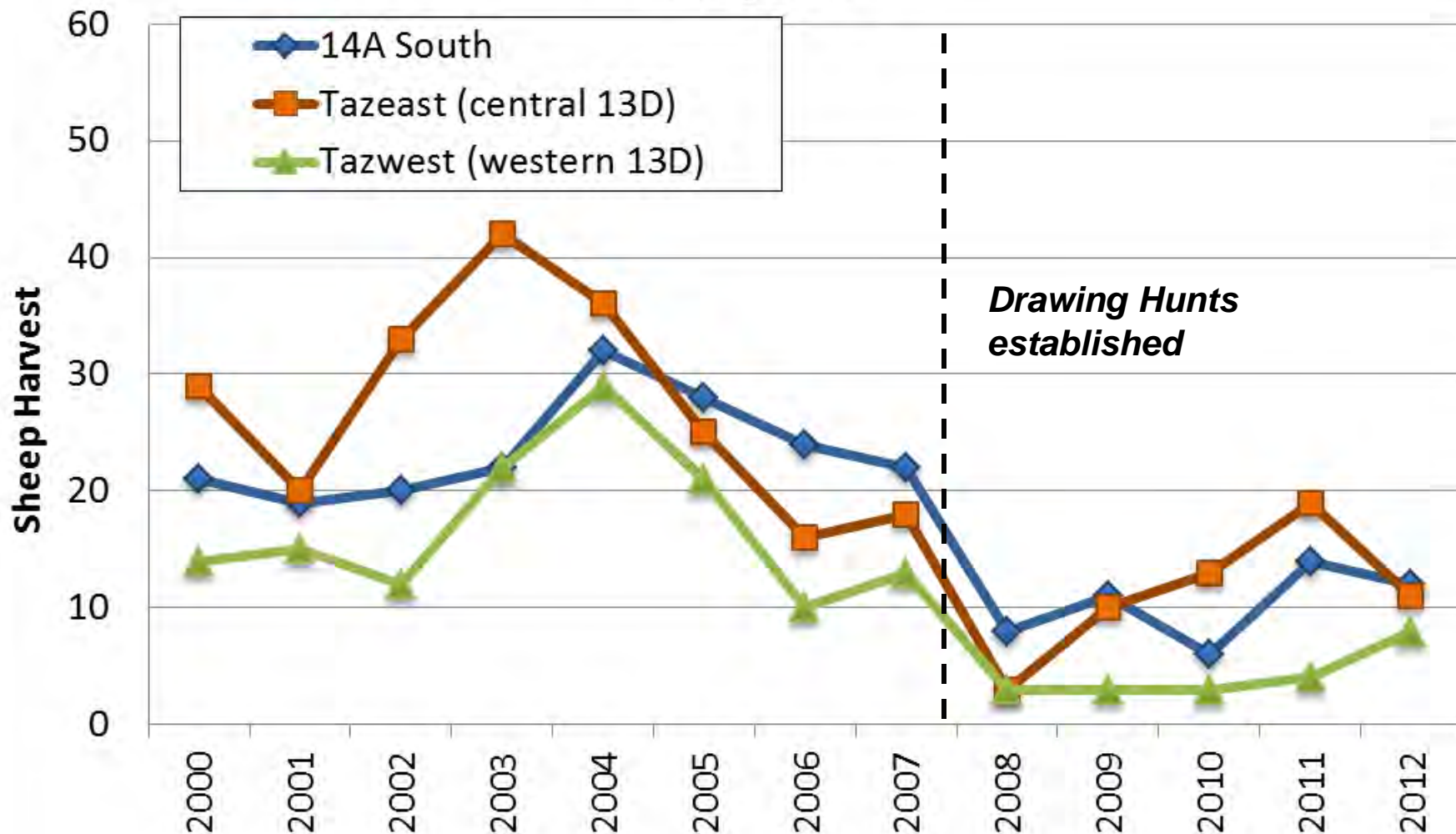
14A Chugach Ram Counts and Percent Harvest (1998-2012)



14A Chugach Population and Composition Estimates (1998-2012)

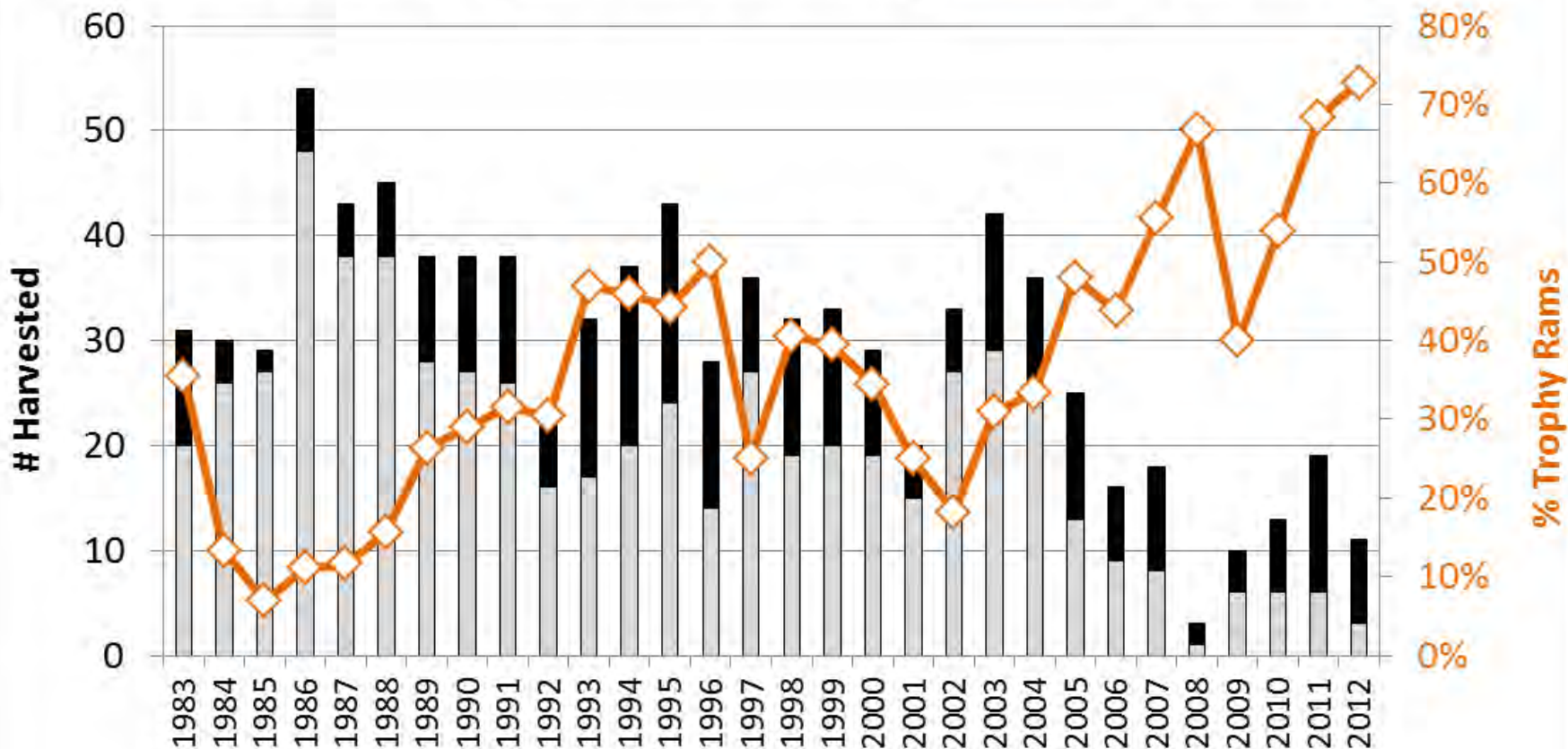


Dall Sheep Harvest in 14A/13D



13D Chugach TAZEAST/TAZWEST Trophy Ram Harvest

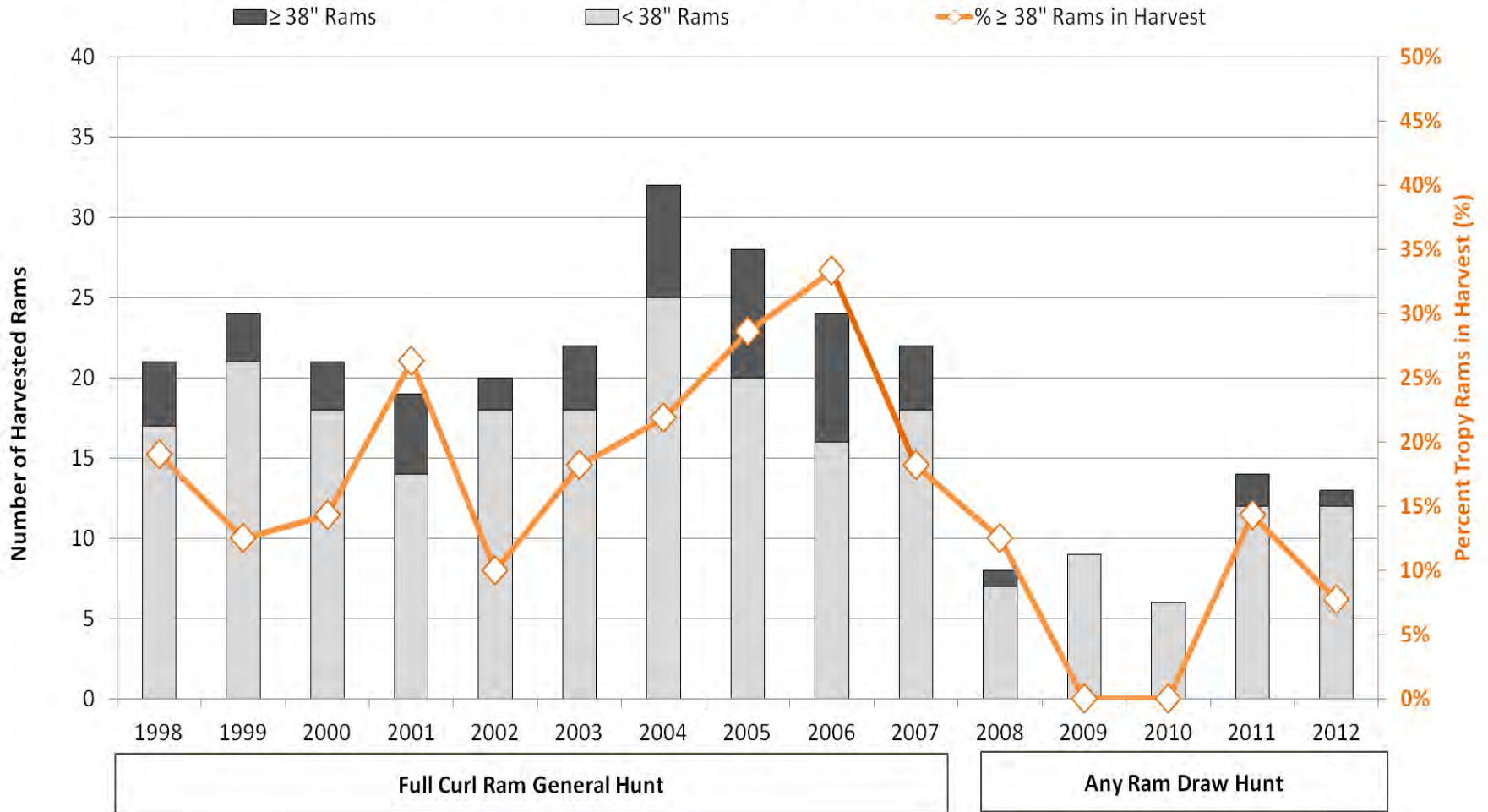
< 38" Horn Length
 ≥ 38" Horn Length
 ◆ % ≥ 38" Horn Length



Full Curl Ram General Hunt

Draw Hunts

14A Chugach Trophy Ram Harvest (1998-2012)



Proposal 90

EFFECT:

- ❖ The resident drawing sheep hunts in subunit 13D in the Chugach Mountains (DS160 and DS165) would revert to a general season hunt for residents with a bag limit of 1 ram with horns that are full curl or greater.
- ❖ Nonresident drawing hunts would be retained, and permit numbers would be fixed to current levels (10 permits in DS265 and 2 permits in DS260); the bag limit would remain 1 ram with horns that are full curl or greater.

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

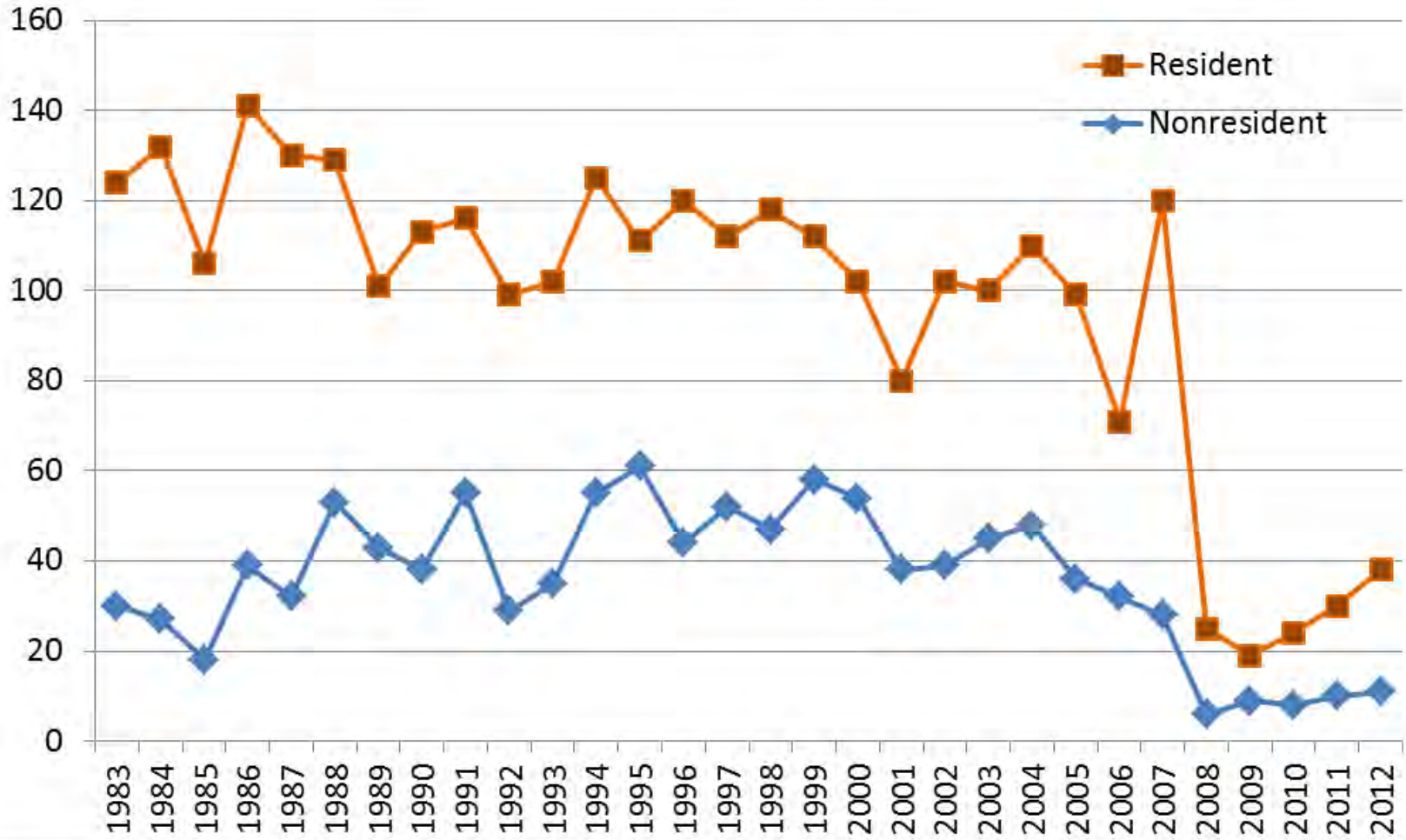
Copper Basin *opposed 0-11*

Tok Cutoff *did not vote*

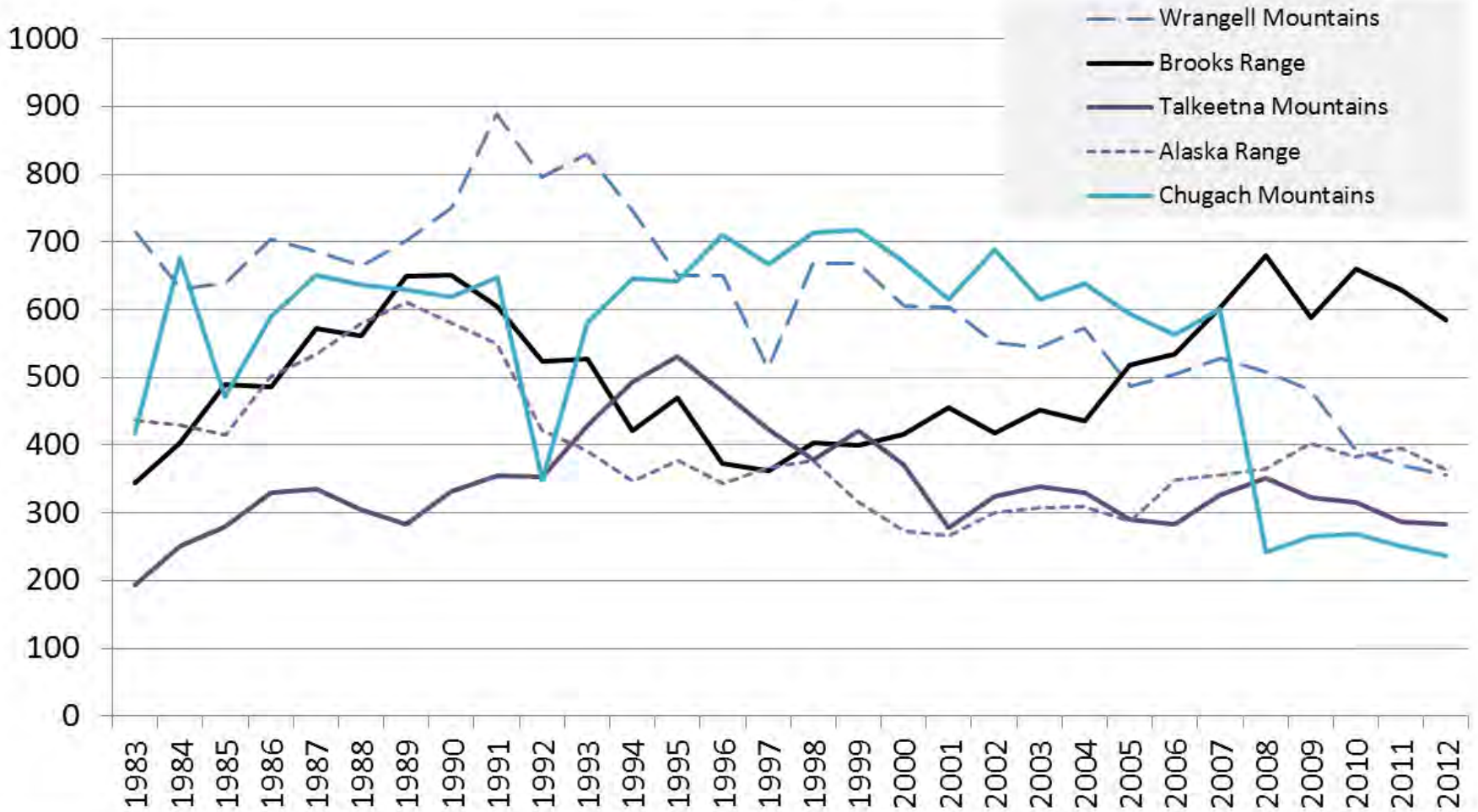
Paxson *did not vote*

Denali *did not meet*

13D Chugach Sheep Hunters (Tazeast/Tazwest) Residency

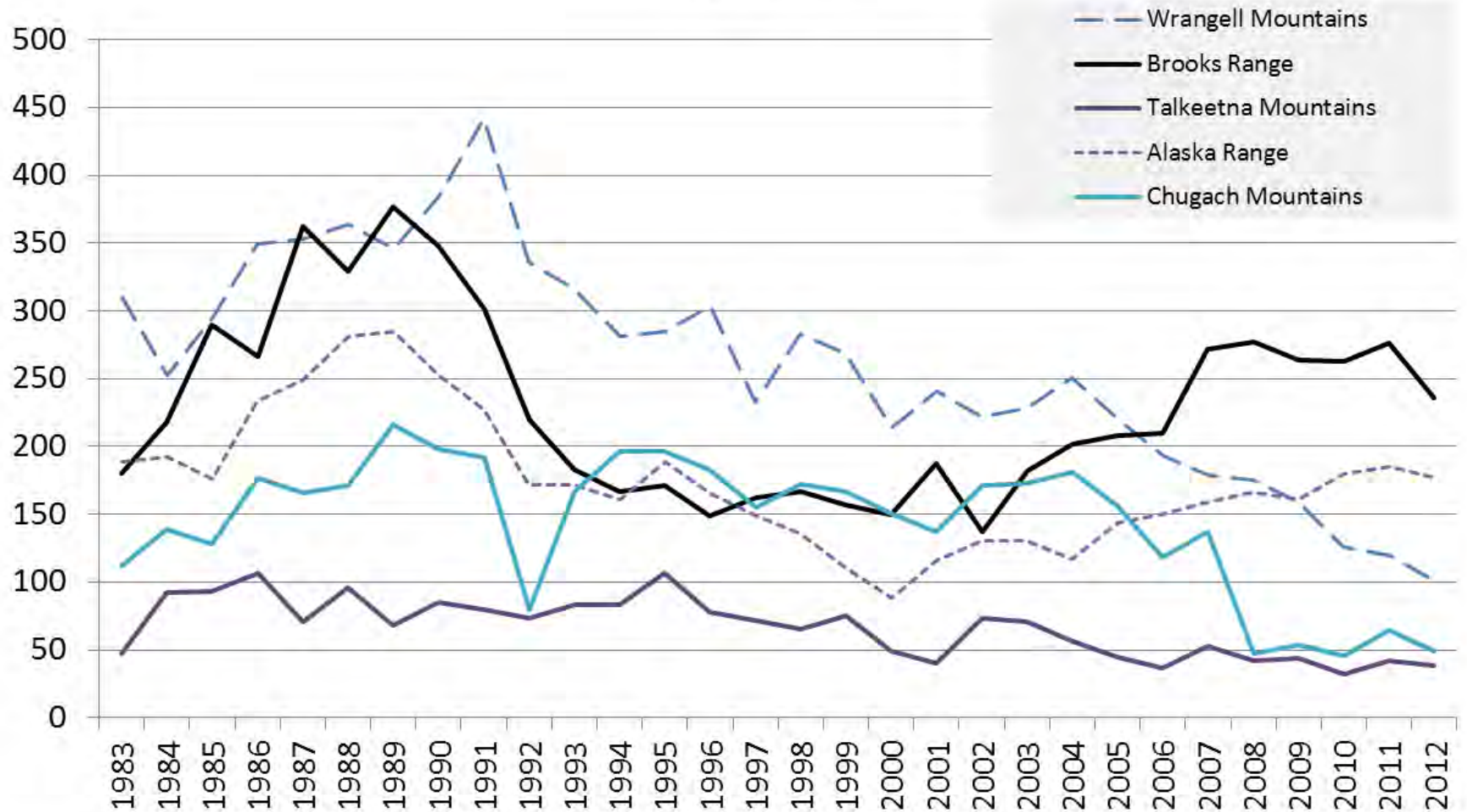


Alaska Dall Sheep Hunters All Hunts



Brooks Range Increase began in ~ 1998
Alaska Range Increase began in ~ 2002

Alaska Dall Sheep Harvest All Hunts



Brooks Range Increase began in ~2004
Alaska Range Increase began in ~2001

Proposal 90

Summary

EFFECT:

- ❖ The resident drawing sheep hunts in subunit 13D in the Chugach Mountains (DS160 and DS165) would revert to a general season hunt for residents with a bag limit of 1 ram with horns that are full curl or greater.
- ❖ Nonresident drawing hunts would be retained, and permit numbers would be fixed to current levels (10 permits in DS265 and 2 permits in DS260); the bag limit would remain 1 ram with horns that are full curl or greater.

DEPARTMENT RECOMMENDATION: No Recommendation

Proposal 91

EFFECT:

- ❖ Eliminate the resident drawing hunts in central subunit 13D and 14A south in the Chugach Mountains and replaces them with general season hunts with a bag limit of 1 ram with horns full curl or greater.
- ❖ Nonresident drawing hunts retained, with a bag limit of 1 ram with horns full curl or greater. Nonresident permits would be reduced to 5 (no reference was provided as to the location of the 5 permits).

DEPARTMENT RECOMMENDATION: **No Recommendation**

Advisory Committee votes

Mat Valley

Copper Basin *opposed 0-11*

Tok Cutoff *did not vote*

Paxson *did not vote*

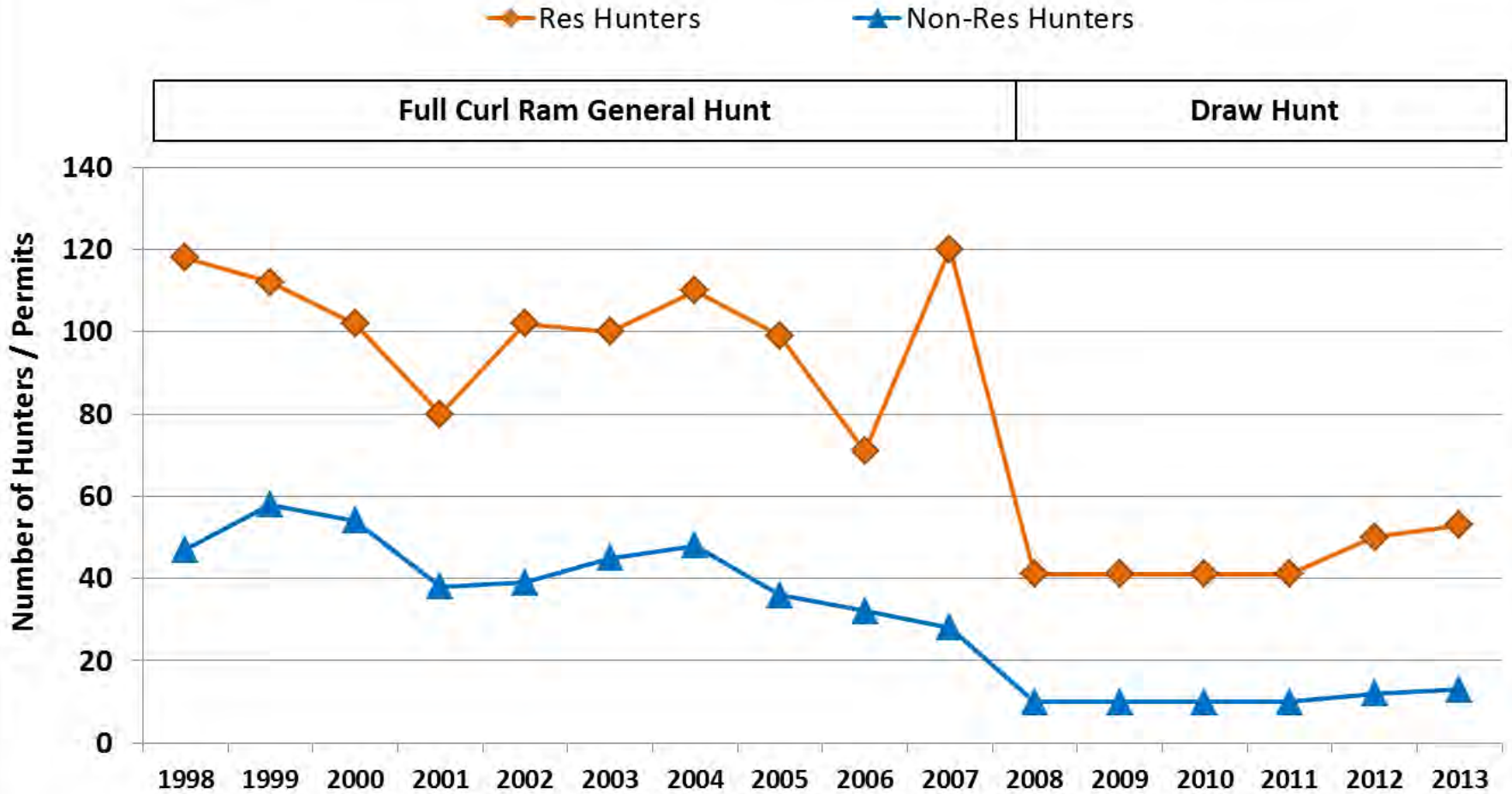
Denali *did not meet*

Chugach Sheep Hunter Numbers/Opportunity *Allocation*

	<u>Resident</u>	<u>Non-Resident</u>
14A South		
GENERAL SEASON 2000-07 average	83	27 (25%)
ANY RAM DRAW 2008-13 average	43	6 (10%)
<i>If adopted</i>	~83	2 (2%)
13D Tazwest		
GENERAL SEASON 2000-07 average	35	16 (31%)
ANY RAM DRAW 2008-13 average	9	2 (18%)
<i>If adopted</i>	~35	1 (3%)
13D Tazeast		
GENERAL SEASON 2000-07 average	63	24 (28%)
FULL CURL DRAW 2008-13 average	35	9 (20%)
<i>If adopted</i>	~63	2 (3%)

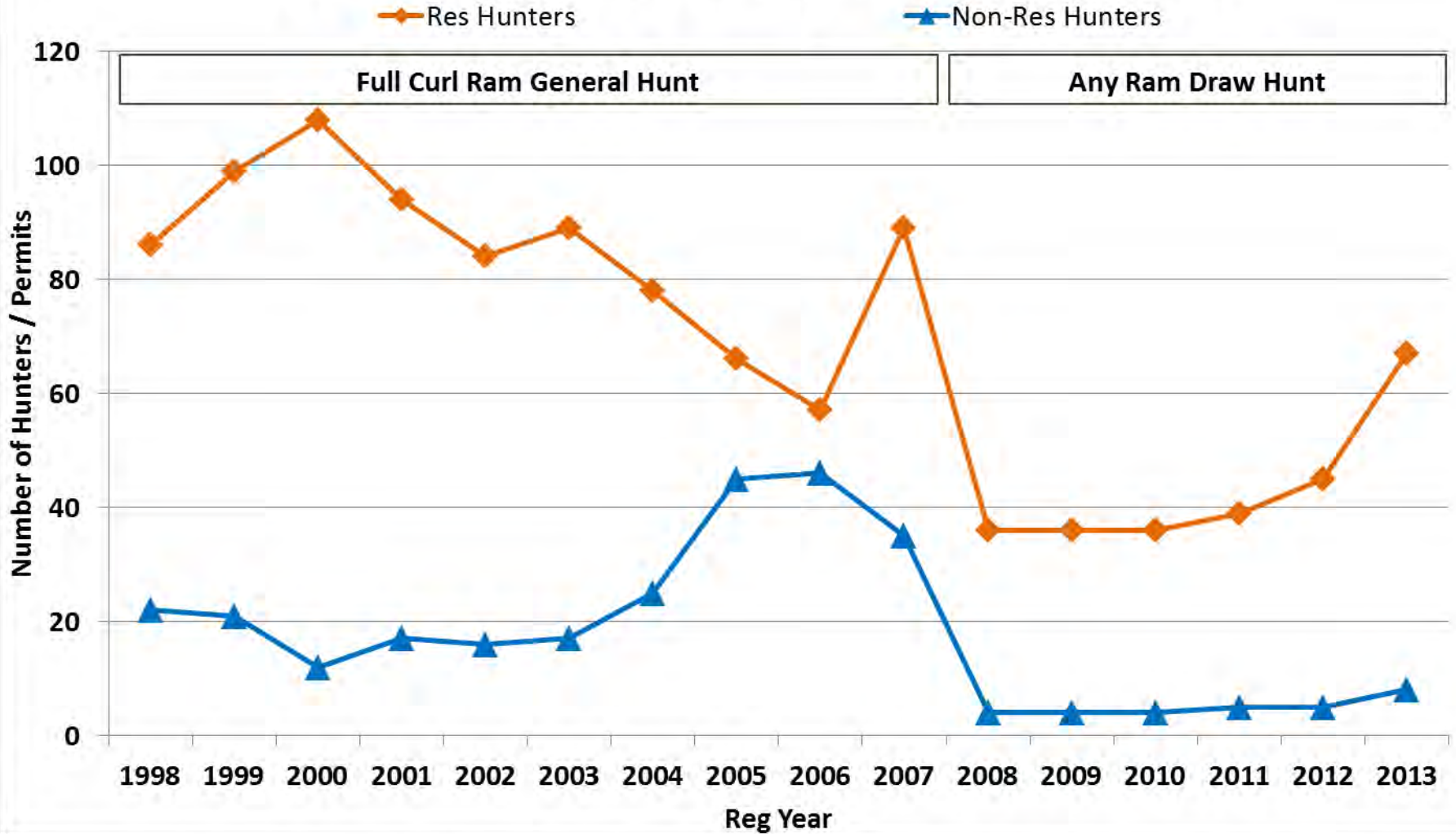
**Hunter numbers after 2007 reflect permits awarded*

13D Chugach Sheep Hunters by Residency (TAZEAST and TAZWEST)



**Hunter numbers after 2007 reflect permits awarded*

14A Chugach Sheep Hunters by Residency (1998-2012)



**Hunter numbers after 2007 reflect permits awarded*

Proposal 91

Summary

EFFECT:

- ❖ Eliminate the resident drawing hunts in central subunit 13D and 14A south in the Chugach Mountains and replaces them with general season hunts with a bag limit of 1 ram with horns full curl or greater.
- ❖ Nonresident drawing hunts retained, with a bag limit of 1 ram with horns full curl or greater. Nonresident permits would be reduced to 5 (no reference was provided as to the location of the 5 permits).

DEPARTMENT RECOMMENDATION: **No Recommendation**

Proposal 92

EFFECT:

❖ Change the bag limit for sheep in western subunit 13D and 14A south drawing hunts from any ram to 1 ram with horns full curl or greater.

DEPARTMENT RECOMMENDATION: No Recommendation

Advisory Committee votes

Mat Valley support 9-4-0

Copper Basin support 6-4-1

Tok Cutoff *did not vote*

Paxson *did not vote*

Denali *did not meet*

Any ram bag limit

Higher success for some hunters

Less selective harvest

Easier to identify legal rams

Less enforcement issues

Full curl bag limit

Lower success for some hunters

Harvest is focused on older rams

Some legal rams may be difficult to identify

More enforcement issues

If adopted,

Resident SUCCESS would likely decline, Non-Res success would remain consistent.

Proposal 92

Summary

EFFECT:

❖ Change the bag limit for sheep in western subunit 13D and 14A south drawing hunts from any ram to 1 ram with horns full curl or greater.

DEPARTMENT RECOMMENDATION: No Recommendation

Thank-you

