

RC 81

GMU 17

PROPOSALS

Proposal 24

- **Effect:** Delete the requirement for black bear harvest cards in GMU 17
- **Issue:** Harvest card required in an area with little directed black bear hunting
- **Department position:** Adopt

Prop. 24

GMU 17 Black Bear

Season Dates:

Aug 1 – May 31

Bag Limit: Resident – 2 bears

Nonresident – 1 bear

Prop. 24

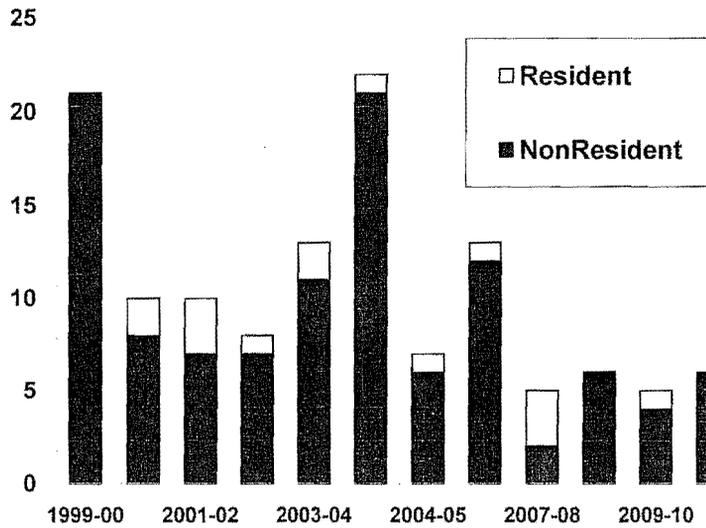
GMU 17 Black Bear

Sealing Required ? : Yes

Harvest Card Required ? : Yes

Prop. 24

GMU 17 Black Bear 1999-2010



Prop. 24

GMU 17 Black Bear Hunting 2009, Information from Harvest Cards

	Hunted	Killed
Nonresident:	14	4
Resident:	13	1

GMU 17 Residents in 2009

Harvest Cards Issued: 83

Reported Hunting in 17: 10

Number of Bears: 0

Proposal 29

Effect: - Eliminate DLP salvage requirement
- Change bag limit to 2 bears/year
- Season dates Aug. 20 – May 30

Issue: - Increased bears numbers
- Difficult DLP salvage requirements
- Human/brown bear interactions

Department position: Amend and adopt

Prop. 29

Defense of Life & Property: DLP

Current Requirements:

- **Surrender skull and hide (w/claws attached) to State**
- **Notify ADF&G or AWT and fill out DLP form**

Prop. 29

GMU 17 Brown Bear

Season Dates:

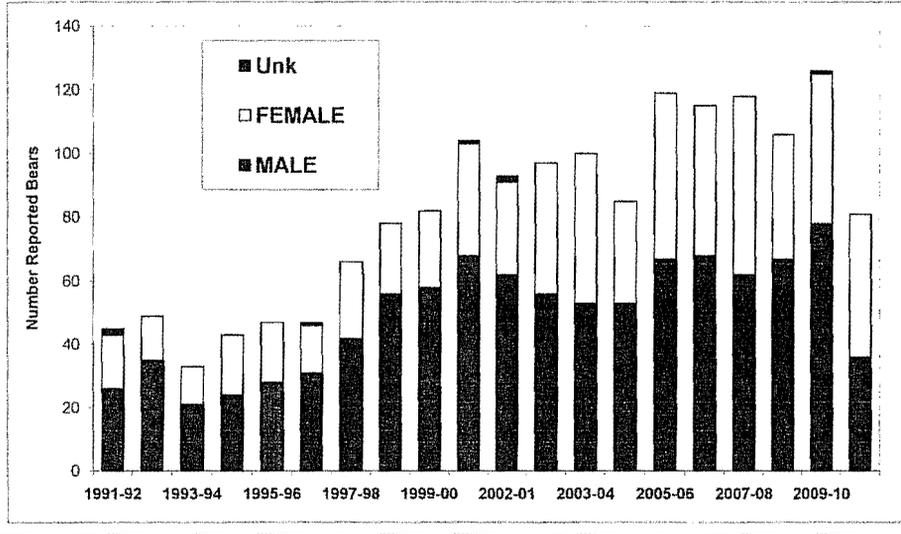
Sept 1 – May 25

Bag Limit: 1 Bear / Reg. year

Prop. 29

GMU 17 Brown Bear 1991-2010

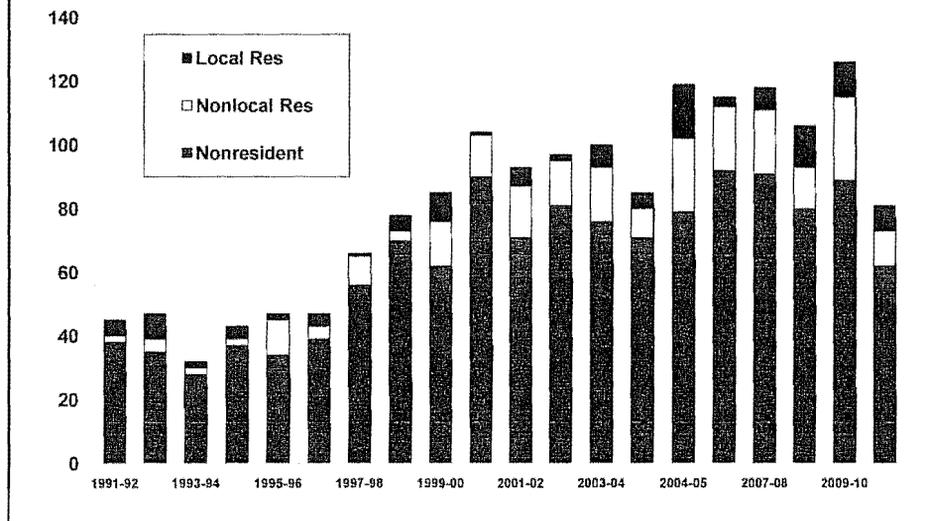
(2010 fall only)



Prop. 29

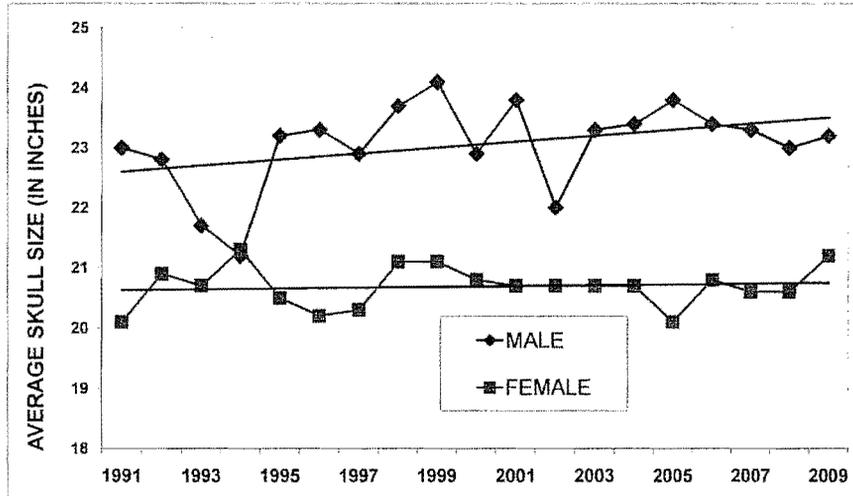
GMU 17 Brown Bear 1991-2010

(2010 fall only)



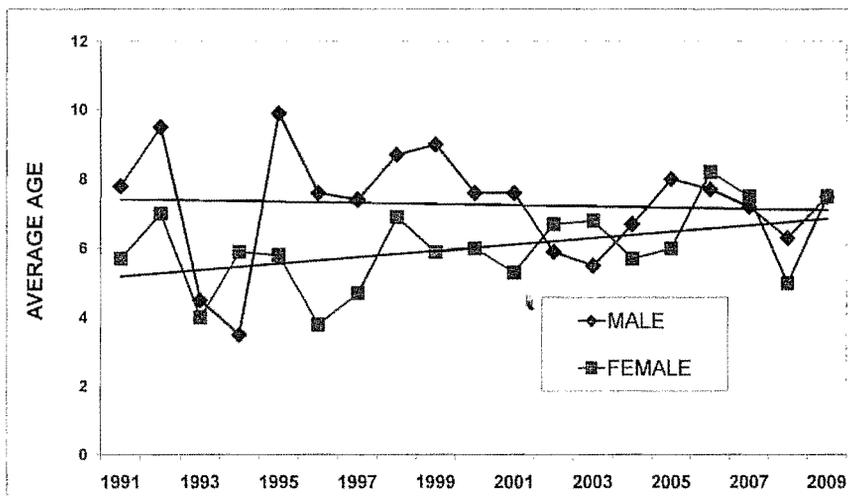
Prop. 29

GMU 17 Brown Bear Harvest Average Skull Size 1991 - 2009



Prop. 29

GMU 17 Brown Bear Harvest Average Age 1991 - 2009



Prop. 29

Proposed amendments:

Bag limit: 2 bears/year

Season: August 20 – May 31

**Tag: Delete tag & tag fee for
residents**

Prop. 29

2 bears/year:

GMUs 16B, 19 A&B, 20E, 22A

No Brown Bear tag required:

**GMUs 11, 12, 13, 16, 19, 20, 21,
22, 23, 25, 26B&C and**

Subsistence hunts

(would require annual reauthorization)

Proposal 28

Effect: - Resident bag limit: 2 bears/year
- Eliminate resident tag & tag fee
- Residents: No closed season
- Modify DLP & sealing requirements

Issue: - Increased bears numbers
- Difficult DLP salvage requirements
- Human/brown bear interactions

Department position: Take no action

Proposal 25

- **Effect:** Increase the brown bear bag limit in GMU 17 to 2 bears/year
- **Issue:** Increased bear numbers, would increase hunting opportunity, predation on moose and caribou
- **Department position:** Take no action

Proposal 27

- **Effect:** Implement brown bear control program in GMU 17B
- **Issue:** Growing bear population and predation on moose
- **Department position:** Do Not Adopt

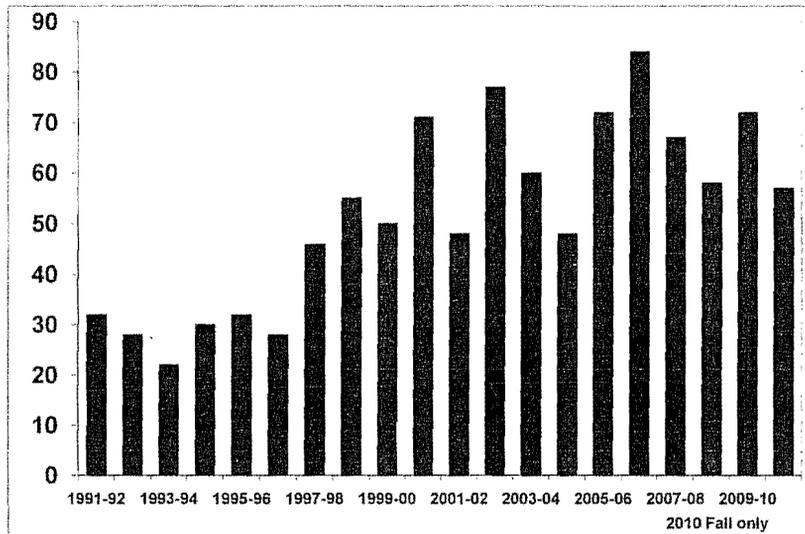
Prop. 27

GMU 17B Brown Bear

- **No survey or population estimates**
- **Local residents report increasing numbers**
- **Harvest statistics from sport harvest**

Prop. 27

GMU 17B Reported Brown Bear Kill



Prop. 27

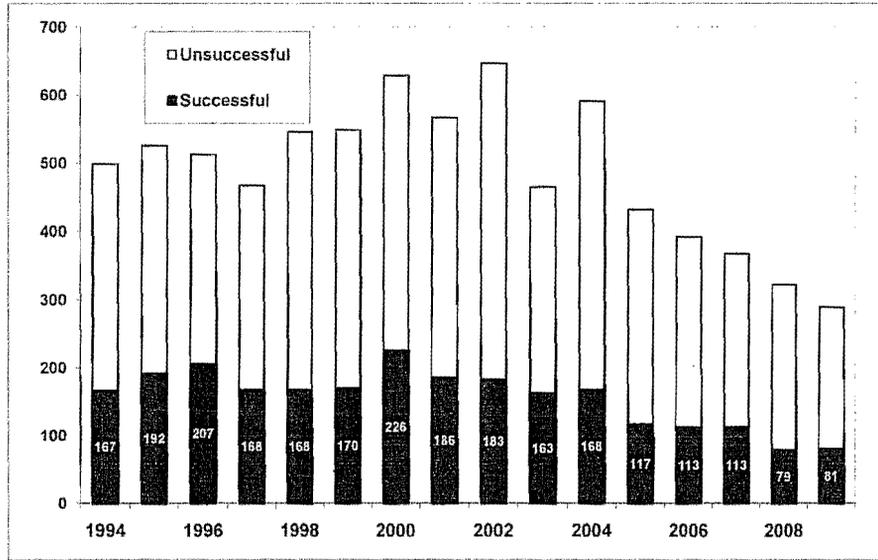
GMU 17B Moose Population

	Yr.	Est.	Min % Calves
17B (w)	2001	1,060-1,340	5%
	2006	1,090-1,330	12.5%
	2010	978-1,296	8%
17B (e)	2002	1,700-2,200	4%
	2009	1,042-1,890	8%

late winter (March) surveys

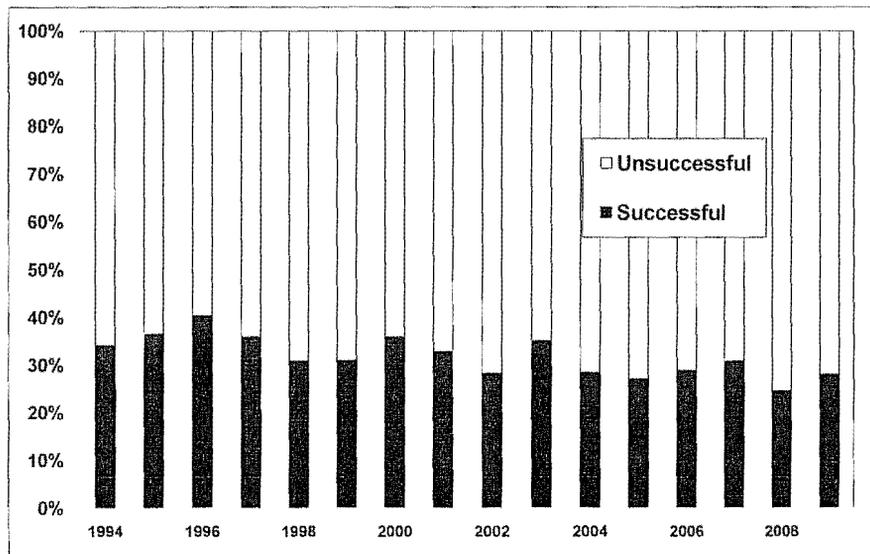
Prop. 27

GMU 17B Moose Hunters 1994-2009



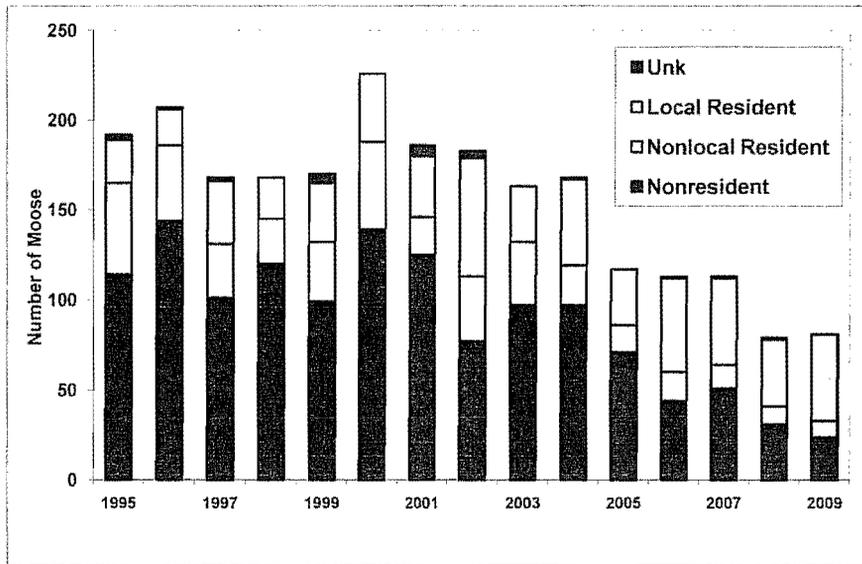
Prop. 27

GMU 17B Moose Hunters 1994-2009



Prop. 27

GMU 17B Successful Moose Hunters



Prop. 27

Intensive Management Steps

- **Statutory Considerations**
- Has the big game populations been identified as important for high levels of human consumptive use (i.e. intensive management)?
- Has the board established population and harvest objectives?
- Have the population and harvest objectives been achieved?
- Has there been a significant reduction in take?
- Is predation an important cause of the failure to achieve population or harvest objectives?
- Can a reduction in predation reasonably be expected to aid the reaching of the objectives?
- **Other Considerations**
- Reduced seasons, reduced bag limits, elimination of non-resident hunting, etc.
- Feasibility and cost effectiveness (i.e., what are the effects of weather, terrain, land ownership).

Prop. 27

Intensive Management Steps

Statutory Considerations: Has the big game population been identified as important for high levels of human consumptive use (i.e. intensive management)?

Moose: GMU 17B – Yes

Prop. 27

Intensive Management Steps

Statutory Considerations: Has the Board established population and harvest objectives?

Moose:	Population	Harvest
GMU 17B	4,900 – 6,000	200 – 600

Prop. 27

Intensive Management Steps

Statutory Considerations: Have the population objectives been met? No

Moose:	Popl. Obj.	Status
GMU 17B	4,900-6000	~ 2,000 – 3,200 (2010)

Prop. 27

Intensive Management Steps

Statutory Considerations: Have the harvest objectives been met? No

Moose:	Harvest Obj	2005–2009 ave*
GMU 17B	200 – 400	101

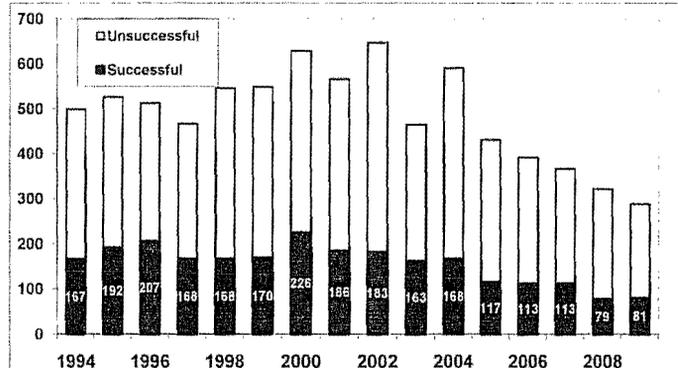
***Note: Reported Harvests. GMU 17B hunter numbers declined from 432 to 289 during this period. Ave success rate = 28%**

Prop. 27

Intensive Management Steps

Statutory Considerations: Has there been a significant reduction in take ?

GMU 17B Moose Hunters 1994 – 2009



No recent regulatory changes to reduce take

Prop. 27

Intensive Management Steps

Statutory Considerations: Is predation an important cause of the failure to achieve population or harvest objectives ?

GMU 17B Moose:

Popl. Obj. ? - Unknown, however surveys indicate low calf numbers in late winter. Local village reports increase in bears in area. Wolves and bears abundant throughout GMU 17B

Harvest Obj. ? – Probably not. Hunter success rate still 25% - 30%.

Prop. 27

Intensive Management Steps

Statutory Considerations: Can a reduction in predation reasonably be expected to aid in reaching the objectives?

GMU 17B Moose:

Popl. Obj. ? - Reduced bear predation would likely increase survival of calves.

Harvest Obj. ? – Eventually, however present hunter success rate of 25% - 30% is likely about as high as can expect for remote area such as GMU 17B.

Prop. 27

Intensive Management Steps

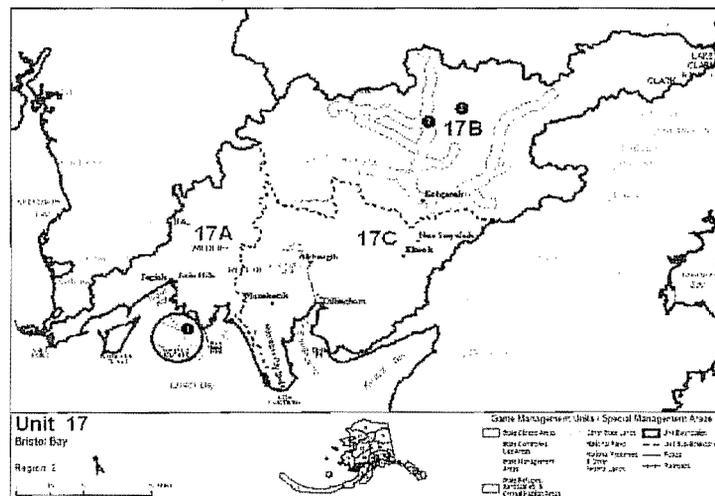
Other Considerations

- **Reduced seasons, reduced bag limits, elimination of non-resident hunting, etc.**
- **Feasibility and cost effectiveness (i.e., what are the effects of weather, terrain, land ownership).**

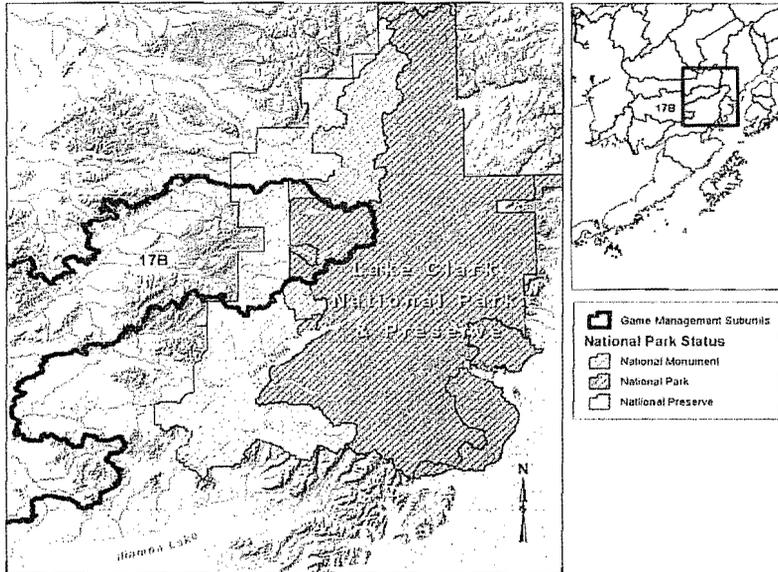
Proposal 26

- **Effect: Change NR season and bag limit for brown bears GMU 17:**
 - 1 bear every 4 years
 - Oct 1-21 (odd years only)
 - May 10-25 (even years only)
- **Issue: Perception of excessive brown bear harvest in GMU 17B**
- **Department position: Do Not Adopt**

Prop. 26



Prop. 26



Prop. 26

**1997 – season changed to: Sept 20 - Oct 10
April 15 - May 25**

2001 – season changed to: Sept 20 – May 25

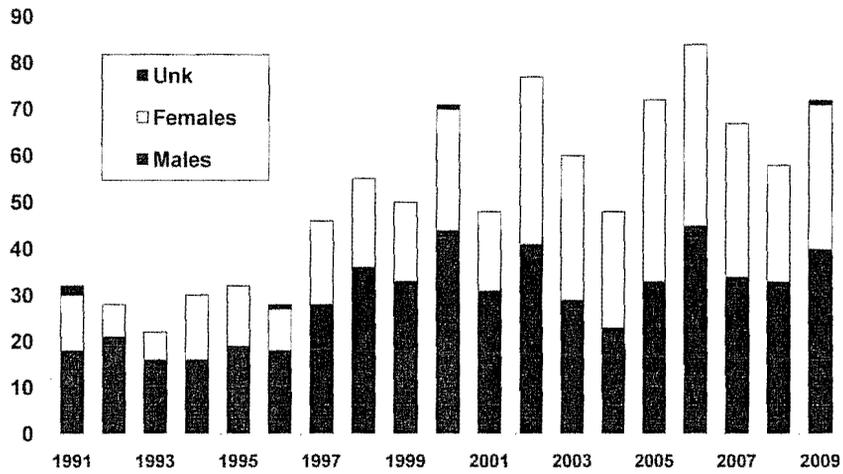
**2003 – bag limit changed to: 1 bear/year
– season changed to: Sept 10 – May 25
(note: remainder of 17B still Sept 20)**

**2005 – season changed unit-wide to:
Sept 10 – May 25**

2009 – season changed to: Sept 1 – May 25

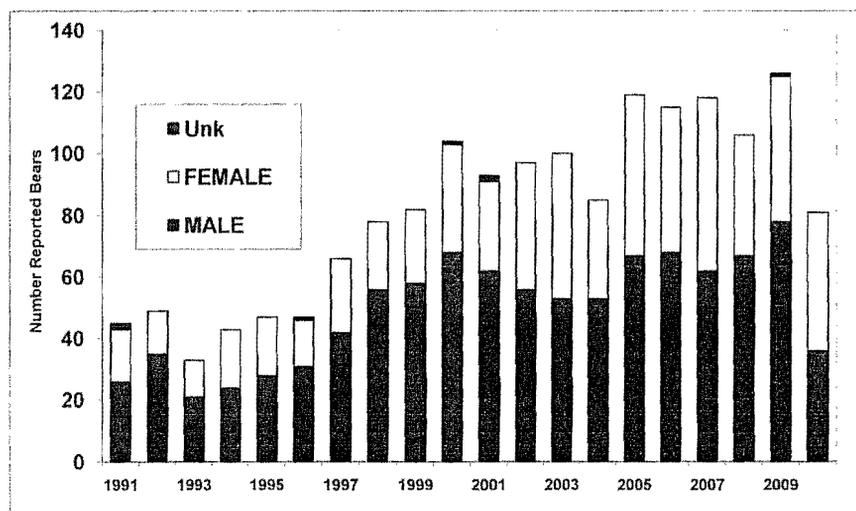
Prop. 26

GMU 17B Brown Bear Harvest



Prop. 26

GMU 17 Brown Bear Harvest



Proposal 120

- **Effect: Change the Intensive Management population and harvest objective for the Mulchatna Caribou Herd**
- **Issue: IM objectives are too low**
- **Department position: Do not adopt**

Prop. 120

Mulchatna Caribou Herd Intensive Management Objectives

Population Objective:

Present: 30,000 – 80,000 caribou

Proposed: 100,000 – 150,000 caribou

Prop. 120

Spring 2009 Board of Game meeting

Changed Population Objective:

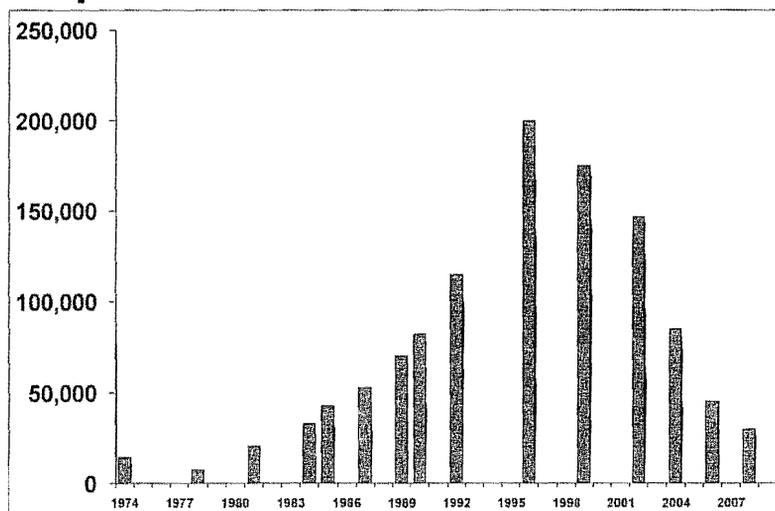
Originally: 100,000 – 150,000 caribou

Present: 30,000 – 80,000 caribou

Proposed: 100,000 – 150,000 caribou

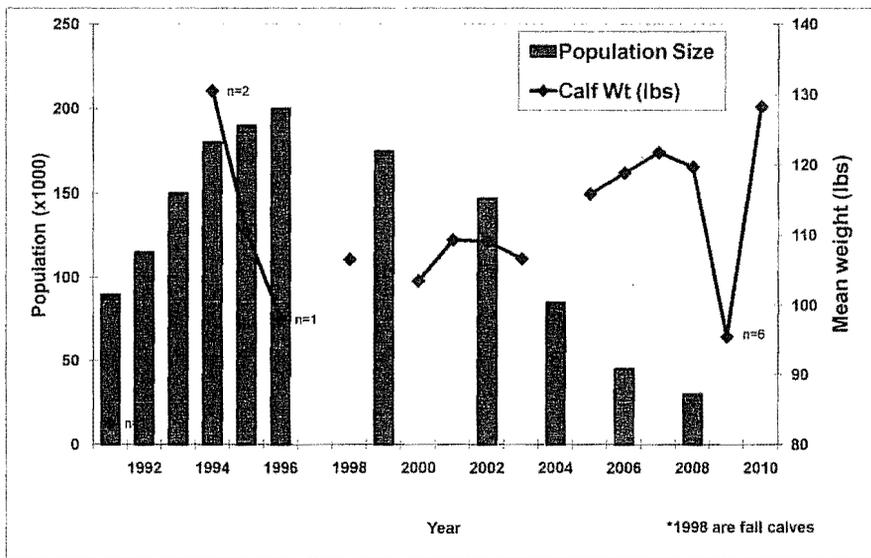
Prop 120

Mulchatna Caribou Population Estimates 1974 - 2008



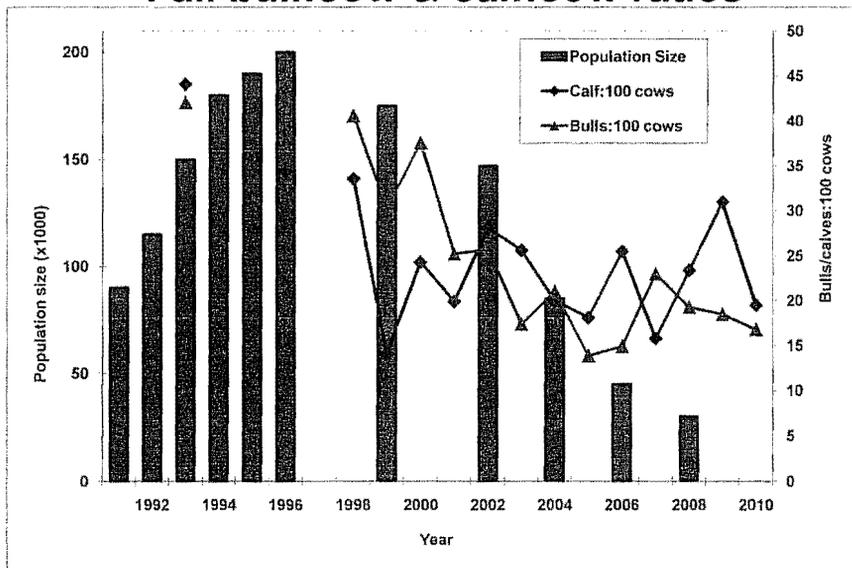
Prop. 120

MCH Summer Population and Calf Weights at 10 Months Old*



Prop. 120

MCH – Summer Popl. Est. Fall bull:cow & calf:cow ratios



Proposal 30

- **Effect: Change caribou season/bag limit in GMU 17 to,**
 - Aug. 1 to April 15
 - 2 caribou/year, but only one bull
- **Issue: Caribou not available until after March 15th and low bull:cow ratio**
- **Department position: Do not adopt**

Prop. 30

Mulchatna Caribou

Hunting Season:

Resident - Aug. 1 to March 15

Nonresident – No Open Season

Bag Limit: 2 caribou/year, of which only 1 bull, and only 1 caribou before Jan 31

Proposal 11

- **Effect: Change caribou season in GMU 9B to Aug. 1 - March 31**
- **Issue: Caribou not available until after season closes**
- **Department position: Take no action**

Proposal 9

- **Effect: Change caribou season in GMU 9B to Aug. 15 - March 31**
- **Issue: Caribou season not open long enough**
- **Department position: Take no action**

Proposal 31

- **Effect: Establish a nonresident drawing hunt for caribou in GMU 17**
- **Issue: Nonresident hunting for caribou in GMU 17 should now be opened**
- **Department position: Do not adopt**

Proposal 32

- **Effect: Establish a nonresident registration hunt for caribou in GMU 17**
- **Issue: Nonresident hunting for caribou in GMU 17 should now be opened**
- **Department position: Do not adopt**

Proposal 119

- **Effect: Create a predator control plan in range of Mulchatna Caribou Herd**
- **Issue: Excessive predation on Mulchatna caribou and slow herd growth**

Department position: Amend and adopt

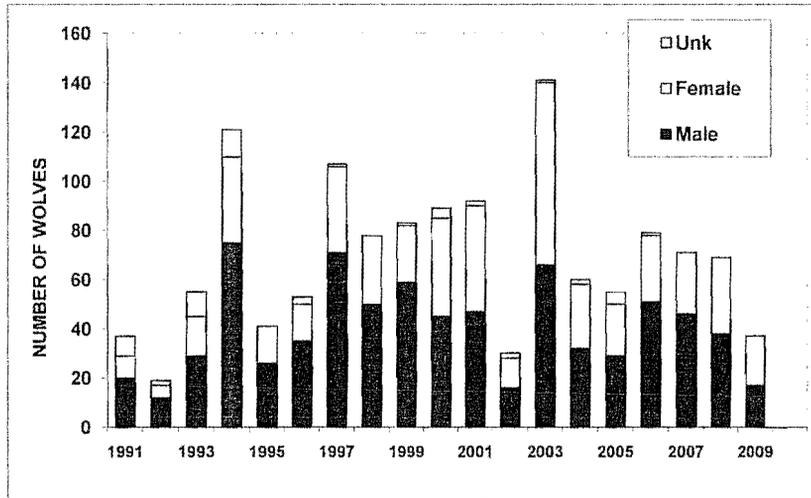
Prop 119

GMU 17 Wolf

- **No survey or population estimates**
- **Local residents report increasing numbers**
- **Harvest statistics from sealing records**

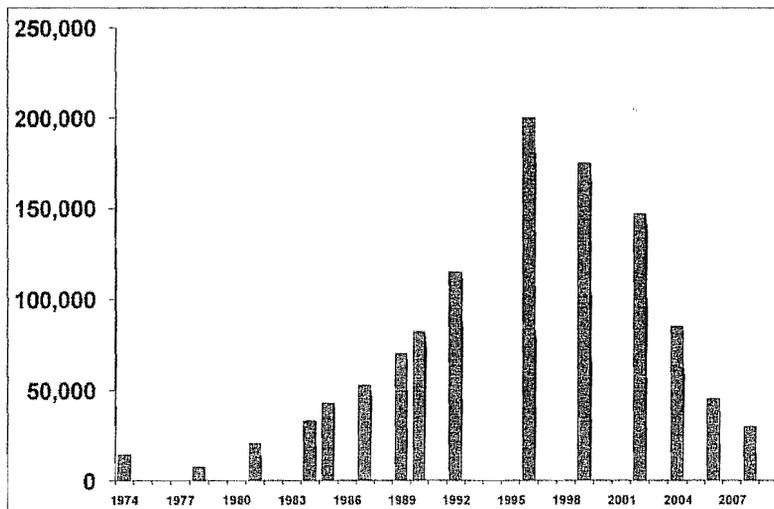
Prop 119

GMU 17 Wolf Harvest



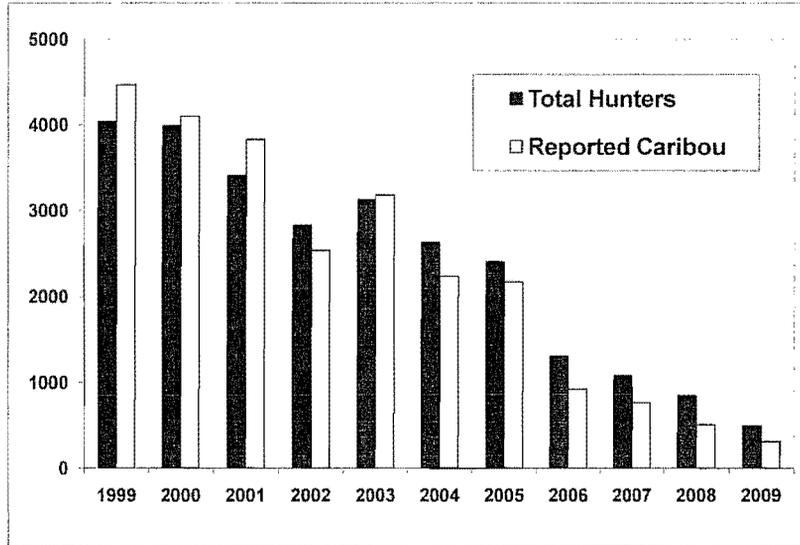
Prop 119

Mulchatna Caribou Population Estimates 1974 - 2008



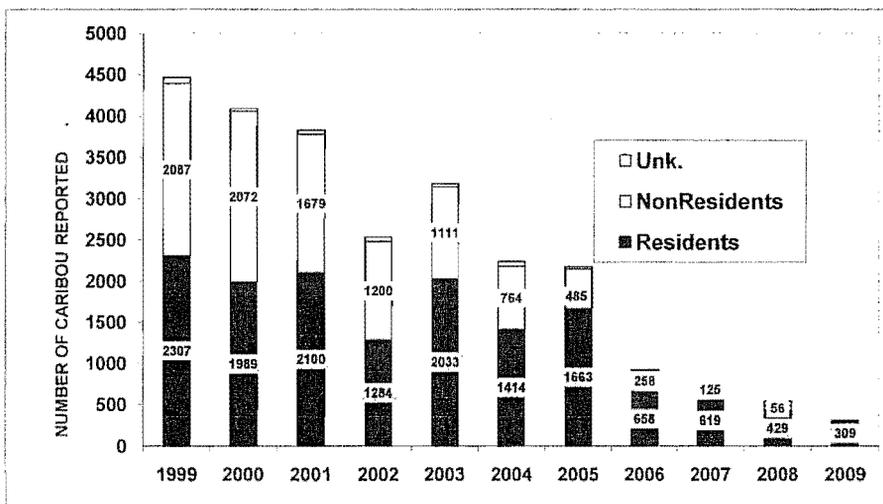
Prop. 119

Hunter Numbers and Reported Harvest



Prop. 119

Mulchatna Caribou Reported Harvest 1999 - 2009



Prop. 119 **Intensive Management Steps**

- **Statutory Considerations**
- Has the big game populations been identified as important for high levels of human consumptive use (i.e. intensive management)?
- Has the board established population and harvest objectives?
- Have the population and harvest objectives been achieved?
- Has there been a significant reduction in take?
- Is predation an important cause of the failure to achieve population or harvest objectives?
- Can a reduction in predation reasonably be expected to aid the reaching of the objectives?
- **Other Considerations**
- Reduced seasons, reduced bag limits, elimination of non-resident hunting, etc.
- Feasibility and cost effectiveness (i.e., what are the effects of weather, terrain, land ownership).

Prop. 119

Intensive Management Steps

Statutory Considerations: Has the big game population been identified as important for high levels of human consumptive use (i.e. intensive management)?

Mulchatna Caribou herd: Yes

Prop. 119

Intensive Management Steps

Statutory Considerations: Has the Board established population and harvest objectives?

Mulchatna Caribou Herd

Population	Harvest
30,000 – 80,000	2,400 – 8,000

Prop. 119

Intensive Management Steps

Statutory Considerations: Have the population objectives been met?

Popl Obj	Status
30,000 - 80,000	30,000 – 40,000 (2008)

Yes (?)

Intensive Management Steps Statutory Considerations: Have the harvest objectives been met?

Harvest Obj	2005 – 2009 ave*
2,400 – 8,000	936

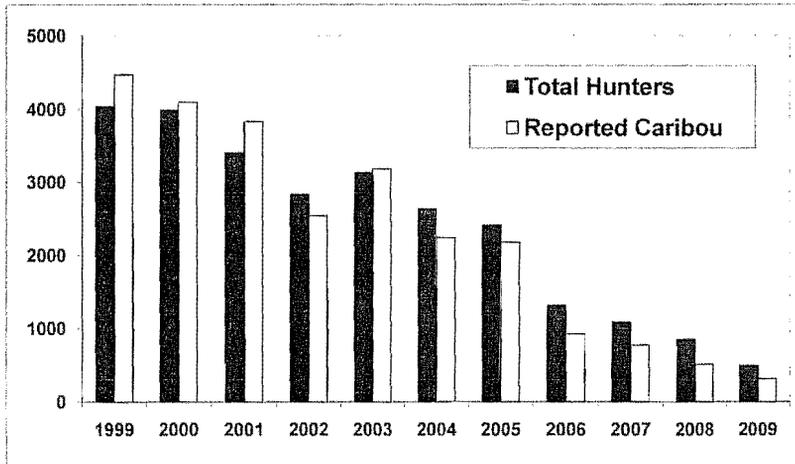
No

*Note: Reported Harvests. Likely considerable unreported harvest, especially on western side of herd's range.

Range-wide reported hunter numbers declined from 2,405 to 493 during this period. Reported harvest declined from 2,175 caribou to 309.

Intensive Management Steps Statutory Considerations: Has there been a significant reduction in take ?

Mulchatna Caribou Hunting 1999 – 2009



Prop. 119

BOG - March, 2007

- Changed resident bag limit from 3 to 2 (of which only 1 bull) for Mulchatna Caribou Herd, and only one caribou prior to Jan 31
- Changed hunting season dates for nonresidents: September 1 – 15
- Closed Same-Day-Airborne hunting in GMUs 9-B and 17-B&C

BOG - March, 2009

- Closed caribou hunting season for nonresidents

Prop. 119

Intensive Management Steps

Statutory Considerations: Is predation an important cause of the failure to achieve population or harvest objectives ?

Popl. Obj. ? - Population at bottom of range of objective. Years of low recruitment contribute to continued slow herd recovery. Calf mortality project planned for 2011 and 2012.

Harvest Obj. ? – Perhaps, but change in distribution, related to population change, may be important to hunting activity

Prop. 119

Intensive Management Steps

Statutory Considerations: Can a reduction in predation reasonably be expected to aid in reaching the objectives?

Popl. Obj. ? - Reduced wolf predation would likely increase survival of calves.

Harvest Obj. ? – Eventually, however seasonal distribution likely important in influencing amount of hunting activity

Pro. 119

Intensive Management Steps

Other considerations:

- **Reduced resident and nonresident hunting seasons, reduced bag limits**
- **Feasibility and cost effectiveness (ie., what are the effects of weather, terrain, land ownership ?)**

Prop. 119

Proposed amendment:

**Include only area of MCH range w/in
GMUs 9 and 17**

**Address areas outside R-4 during
appropriate BOG cycle/meeting**

Proposal 121

- **Effect: Allow aerial shooting of wolves in GMUs 9 and 17**
- **Issue: Low numbers of moose and caribou in GMUs 9B, 17B and 17C**
- **Department position: Take no action**

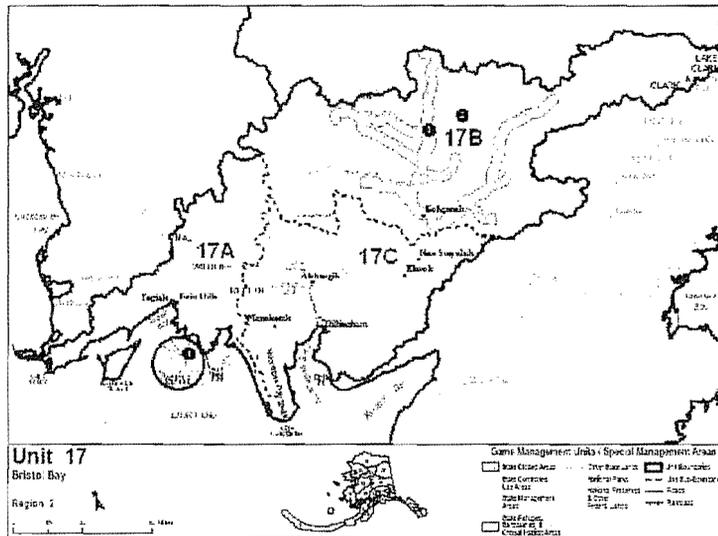
Proposal 38

- **Effect:** Allow the use of radio communication and cell phones for taking wolves in GMU 17
- **Issue:** Would allow increased wolf harvest opportunity and efficiency
- **Department position:** Take no action

Proposal 34

- **Effect:** Establish a nonresident moose hunt in Togiak NWR portion of GMU 17A
- **Issue:** No nonresident moose hunt in GMU 17A
- **Department position:** Do not adopt

Prop. 34



Prop. 34

GMU 17A Moose Management

- Mid-1990s planning effort for moose in GMU 17A
 - Togiak AC
 - Nushagak AC
 - Bristol Bay federal RAC
 - USFWS/Togiak NWR
 - ADF&G

Prop. 34

GMU 17A Moose Management

Goal 1:

Ensure health, continued growth and viability of the moose population in GMU 17A

Prop. 34

GMU 17A Moose Management

Goal 2:

Maintain and protect moose habitat and other necessary components of the ecosystem in GMU 17A

Prop. 34

GMU 17A Moose Management

Goal 3:

Provide for a regulated harvest in a manner consistent with Federal and State laws

Prop. 34

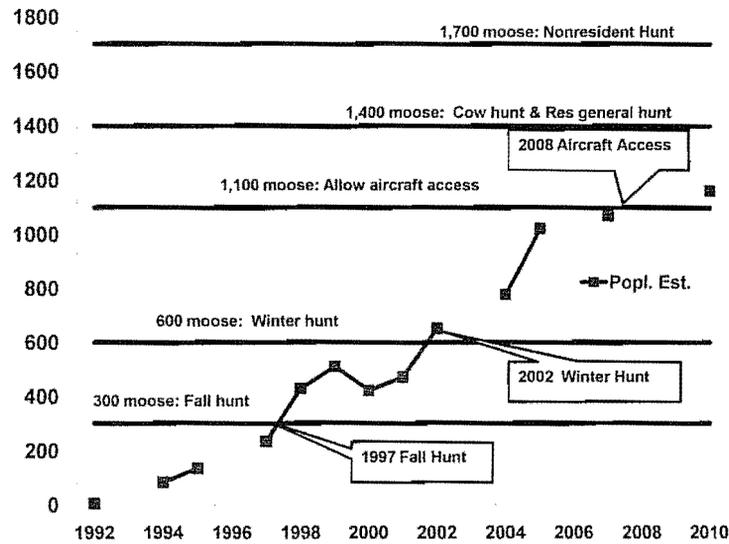
GMU 17A Moose Management

Goal 4:

Encourage cooperative management and communication between Plan participants in developing and carrying out management, research, and enforcement programs, and with the public by exchanging ideas and knowledge about moose in GMU 17A

Prop. 34

GMU 17A Moose



Prop. 34

GMU 17A Moose

March 2011: 1,166 moose

**Plan guideline: Nonresident hunt in
GMU 17A at 1,700 moose**

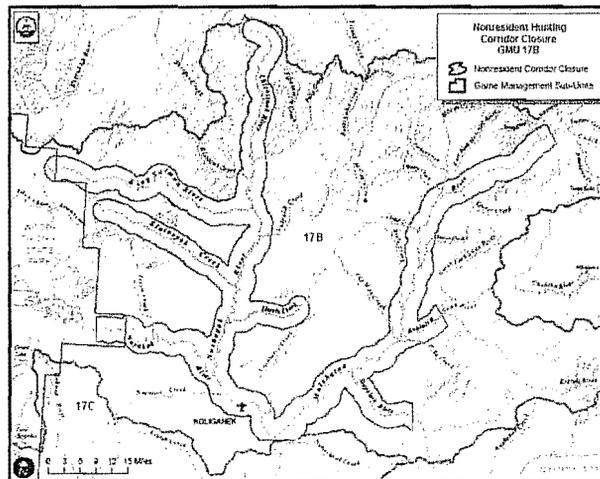
Proposal 33

- **Effect:** Modify deadline for nonresident registration moose hunt permits in GMU 17B (RM587)
- **Issue:** Deadline for permit can fall on weekend or holiday
- **Department position:** No recommendation

Prop. 33

RM 587: 75 permits

Nonresident registration moose hunt: Sept. 5-15
4-mile corridor along major drainages in GMU 17B



Prop. 33

**At the direction of the Board, Spring 2009:
(under discretionary permit conditions)**

- permit issued to hunter in person
- permits only available at Dillingham
ADF&G office
- permits only available July 15-Sept 5
- permits not issued on weekends or
holidays

Prop. 33

**GMU 17B Nonresident Registration
Moose Hunt 2005-2010**

Reg. Year	Total Permits Issued	Permittees Reporting Hunted	Total Moose Reported
2005	21	20	10
2006	48	42	6
2007	30	26	11
2008	23	19	7
2009	32	25	10
2010	38	24	9

Prop. 33

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
2011					1	2	3
	4	5	6	7	8	9	10
2012							1
	2	3	4	5	6	7	8
2013	1	2	3	4	5	6	7
2014		1	2	3	4	5	6
	7	8					
2015			1	2	3	4	5
	6	7	8				
2016					1	2	3
	4	5	6	7			
2017						1	2
	3	4	5	6	7		
2018							1
	2	3	4	5	6	7	

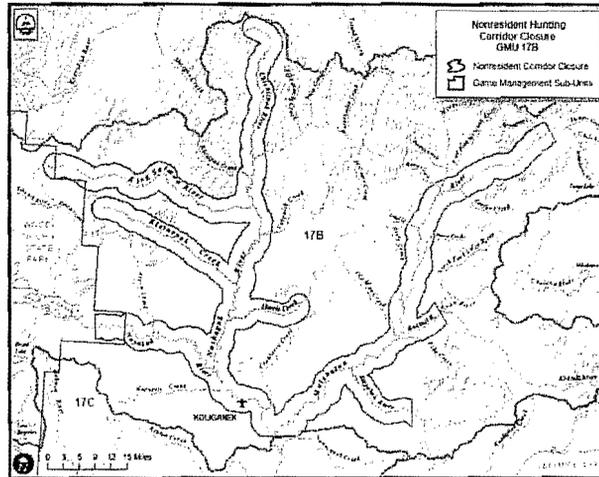
Proposal 35

- **Effect:** Change nonresident registration moose hunt area in GMU 17B (RM587) back to general hunt
- **Issue:** Requires obtaining permit in Dillingham, and hunt undersubscribed
- **Department position:** No recommendation

Prop. 35

RM 587: 75 permits

Nonresident registration moose hunt: Sept. 5-15
4-mile corridor along major drainages in GMU 17B



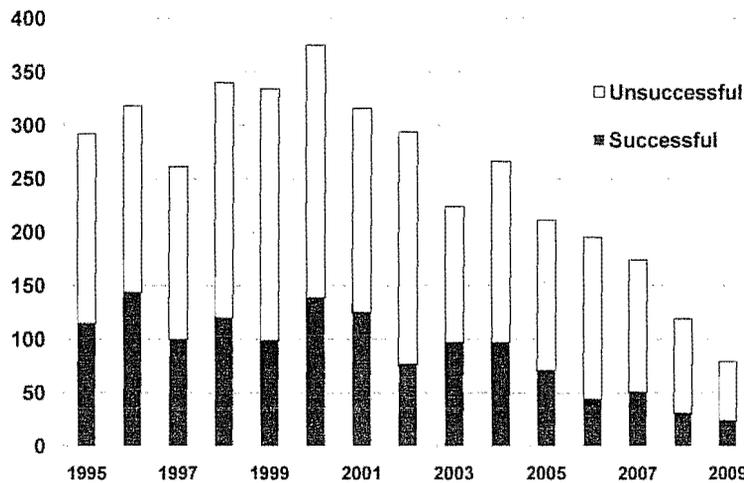
Prop. 35

GMU 17B Nonresident Registration Moose Hunt 2005-2010

Reg. Year	Total Permits Issued	Permittees Reporting Hunted	Total Moose Reported
2005	21	20	10
2006	48	42	6
2007	30	26	11
2008	23	19	7
2009	32	25	10
2010	38	24	9

Prop. 35

GMU 17B Nonresident Moose Hunt 1995 - 2010



Proposal 37

- **Effect:** Make permits for registration moose hunts RM583, RM585, and RM587 available during hunting season in villages, Anchorage, Soldotna, Dillingham, and online
- **Issue:** Availability of permits
- **Department position:** Do not adopt

Prop. 37

GMU 17B&C Moose Hunts

- **Resident General Hunt: Sept 1-15**
- Sp/Fk/50 in./3BT
- **Nonresident General Hunt: Sept 5-15**
- 50 in./4BT
- **RM583: Resident, Aug 20 – Sept 15**
- any bull
- **RM587: Nonresident, Sept 5-15**
- 50 in./4BT
- **RM585: Resident, Dec 1-31**
- antlered bull

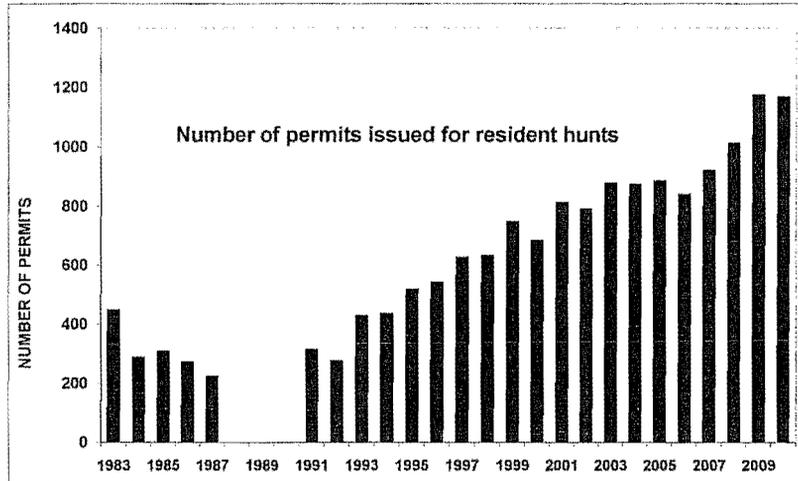
Prop. 37

GMU 17B&C Moose Hunt Permits:

- permit issued to hunter in person
- permits only available at Dillingham
ADF&G office and Nushagak village visits
- permits available: RM583: July 15 - Aug 31
RM585: Oct 25 – Dec 31
RM587: July 15 - Sept 5
- permits not issued on weekends or
holidays

Prop 37

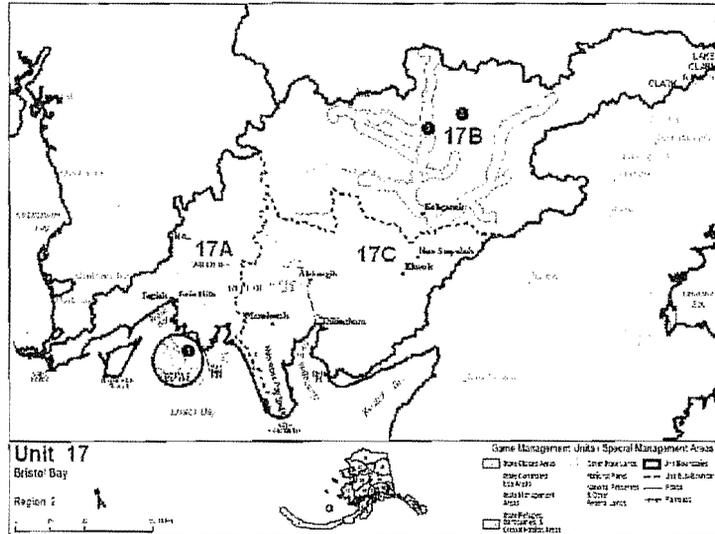
GMU 17B&C Registration Moose Hunts 1983 - 2009



Proposal 36

- **Effect:** Implement a 5-year moratorium on nonresident moose hunting in portions of GMU 17B
- **Issue:** Low moose numbers in GMU 17B
- **Department position:** No recommendation

Prop. 36



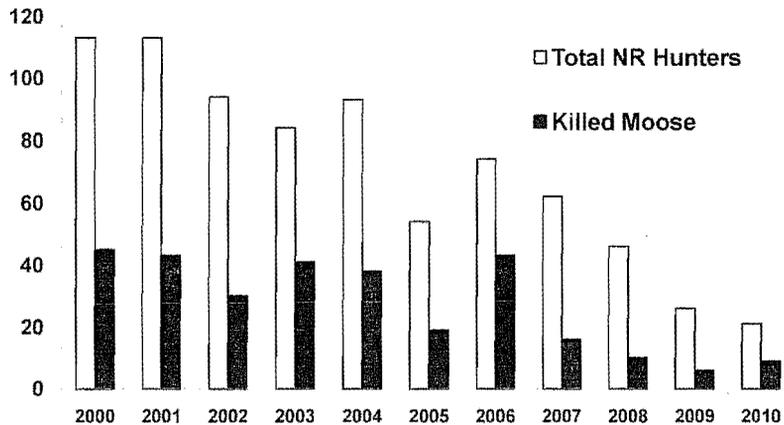
Prop. 36

GMU 17B Nonresident Hunts

- **RM587: Sept 5-15**
- 50 in./4BT
- **General Hunt: Sept 5-15**
- 50 in./4BT

Prop. 36

GMU 17B Nonresident Moose Hunters in affected area, 2000-2010



Proposal 104

- **Effect:** Lengthen beaver trapping season in GMUs 9 and 17 until May 31
- **Issue:** Season closes March 31, and beaver are abundant
- **Department position:** Adopt

Prop 104

GMU 9 and 17 beaver trapping

- Oct. 10 – Mar. 31 No limit
- April 15 – May 31* 2 per day

* Using firearm, and meat must be salvaged for human consumption

Prop. 104

GMUs 9 and 17 Beaver Harvest

