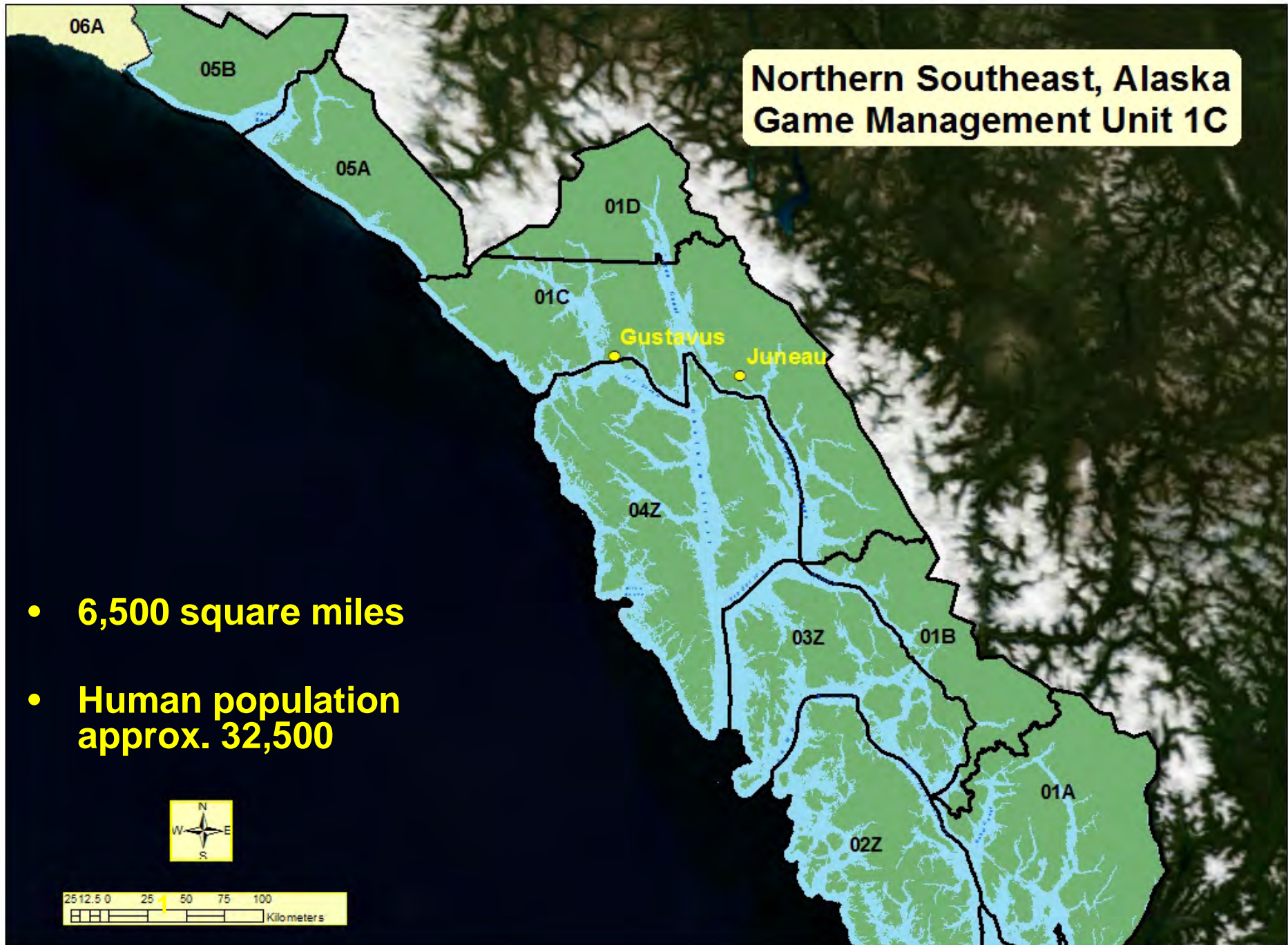
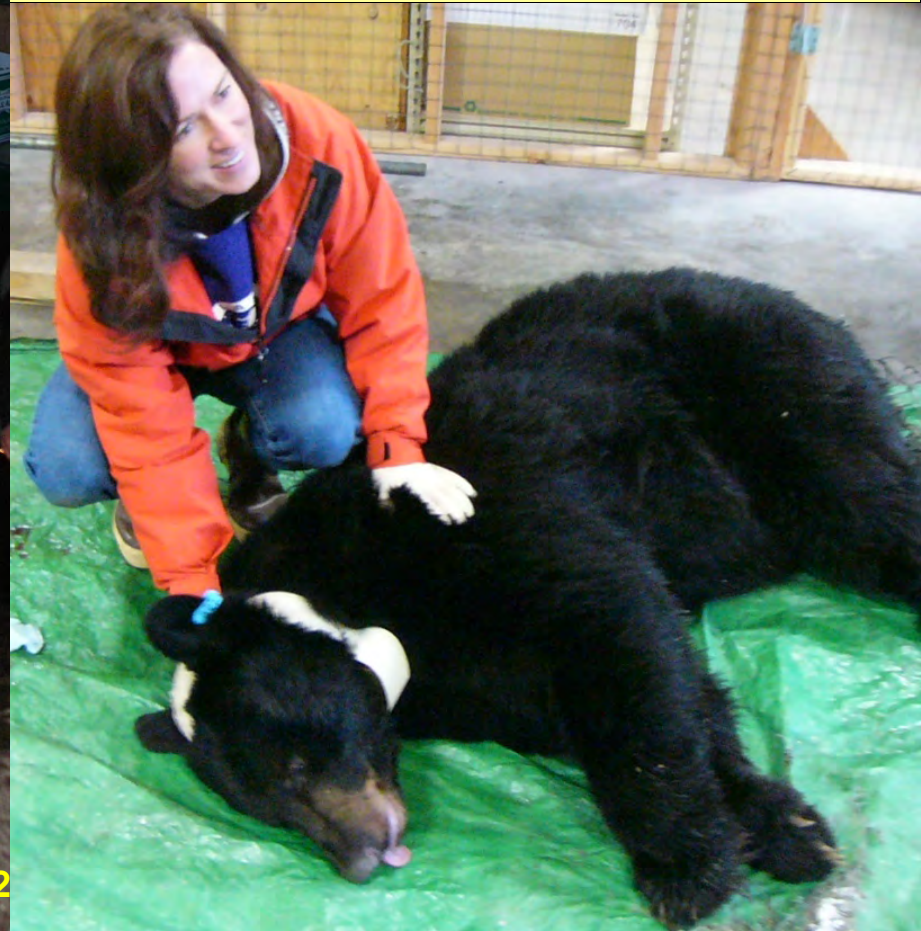


Northern Southeast, Alaska Game Management Unit 1C



- **6,500 square miles**
- **Human population approx. 32,500**

Douglas Area Office
Units 1C, D & 5

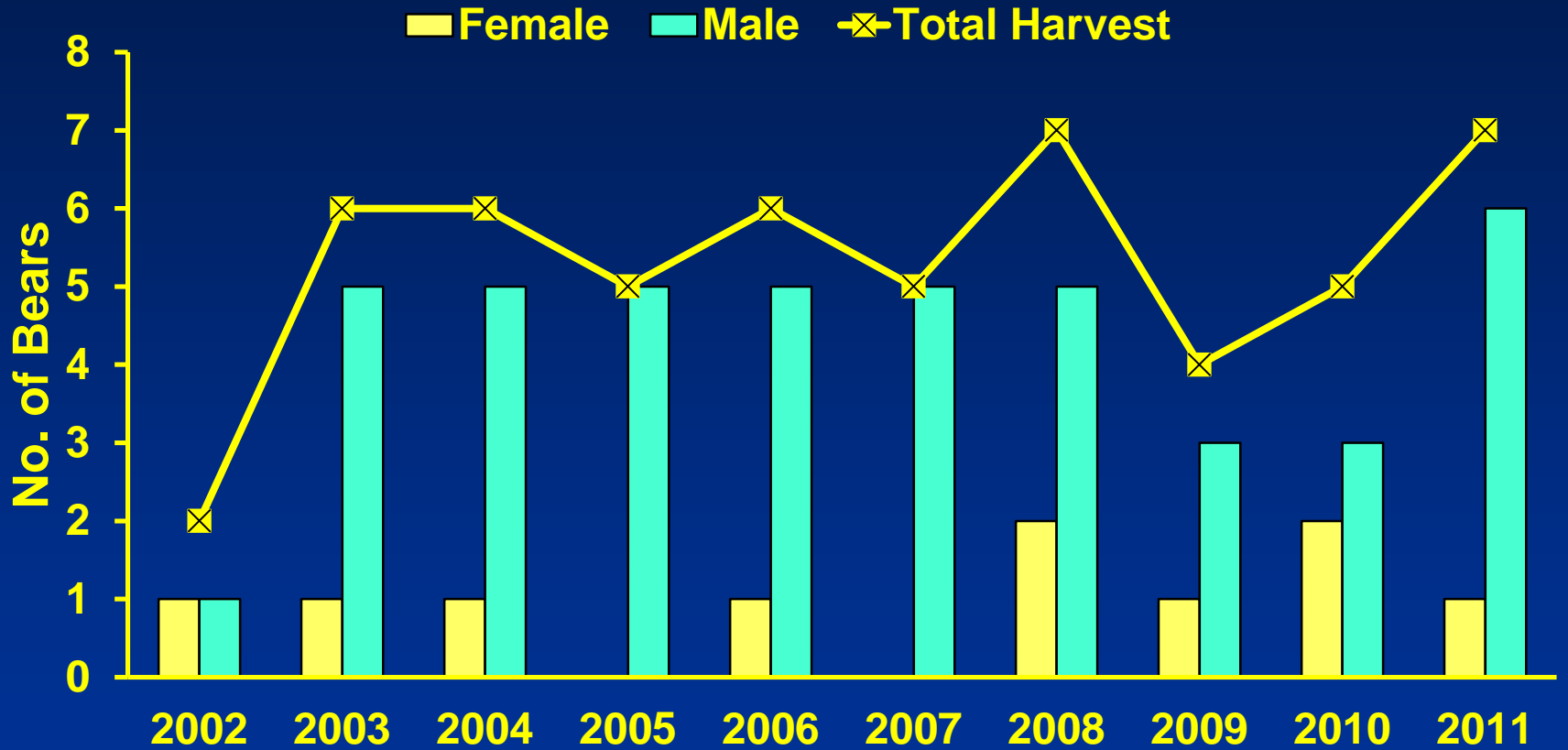


BROWN BEAR

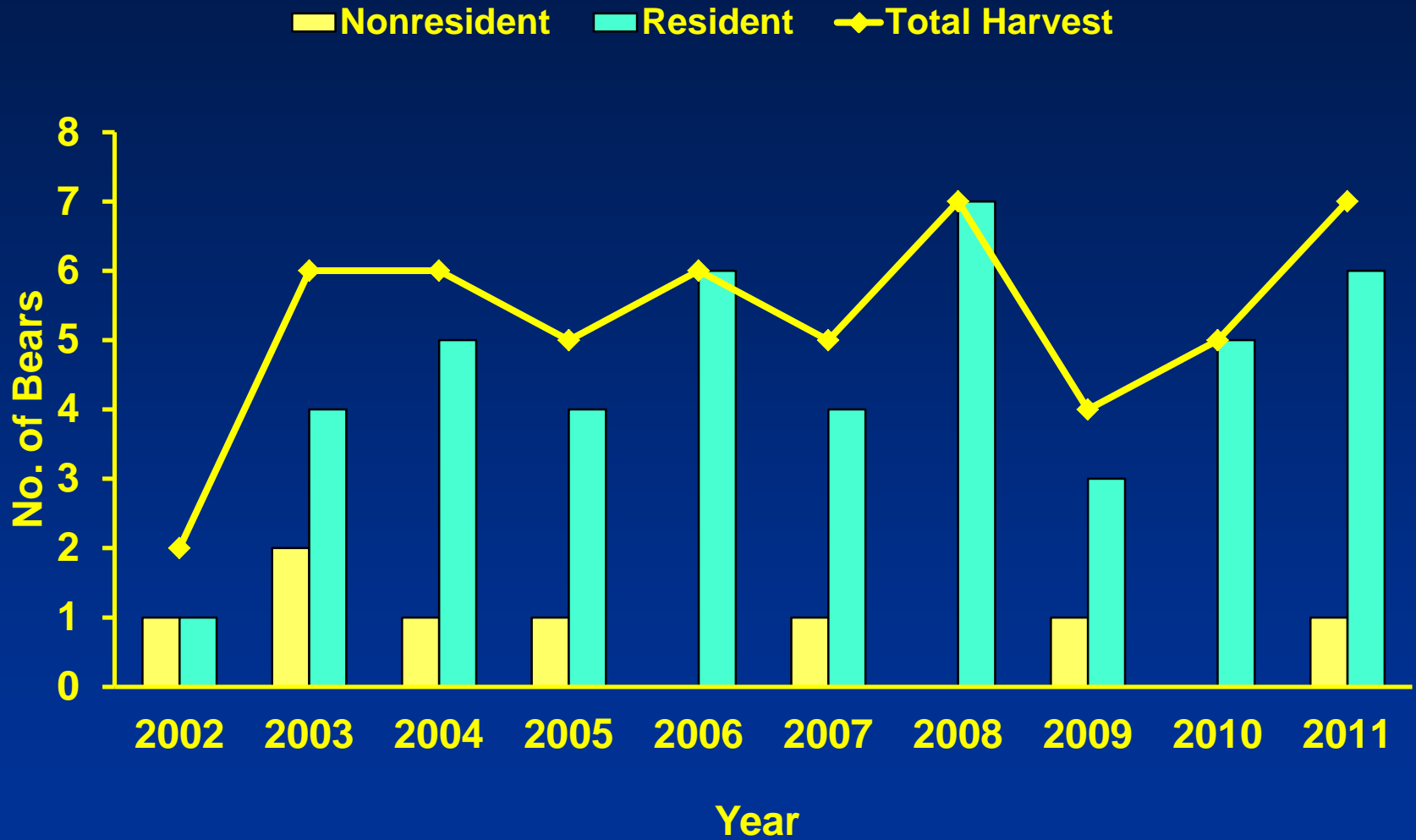
- Variable distribution in Unit
- Restricted almost entirely to mainland...maybe!
- Berners Bay research
 - Mean annual harvest: 5 bears (2002-2011)
 - 9% Hunter success rate
 - 81% Males
- Proposal 3 & 4



Unit 1C Brown Bear Harvest 2002-2011



Unit 1C Brown Bear Harvest by Residency 2002-2011



BLACK BEAR



- **Common throughout Unit 1C**
- **Cooperative GPS collaring project**
- **Bear/human conflicts**
- **Mean annual harvest: 97 (2002-20011)**

BLACK BEAR

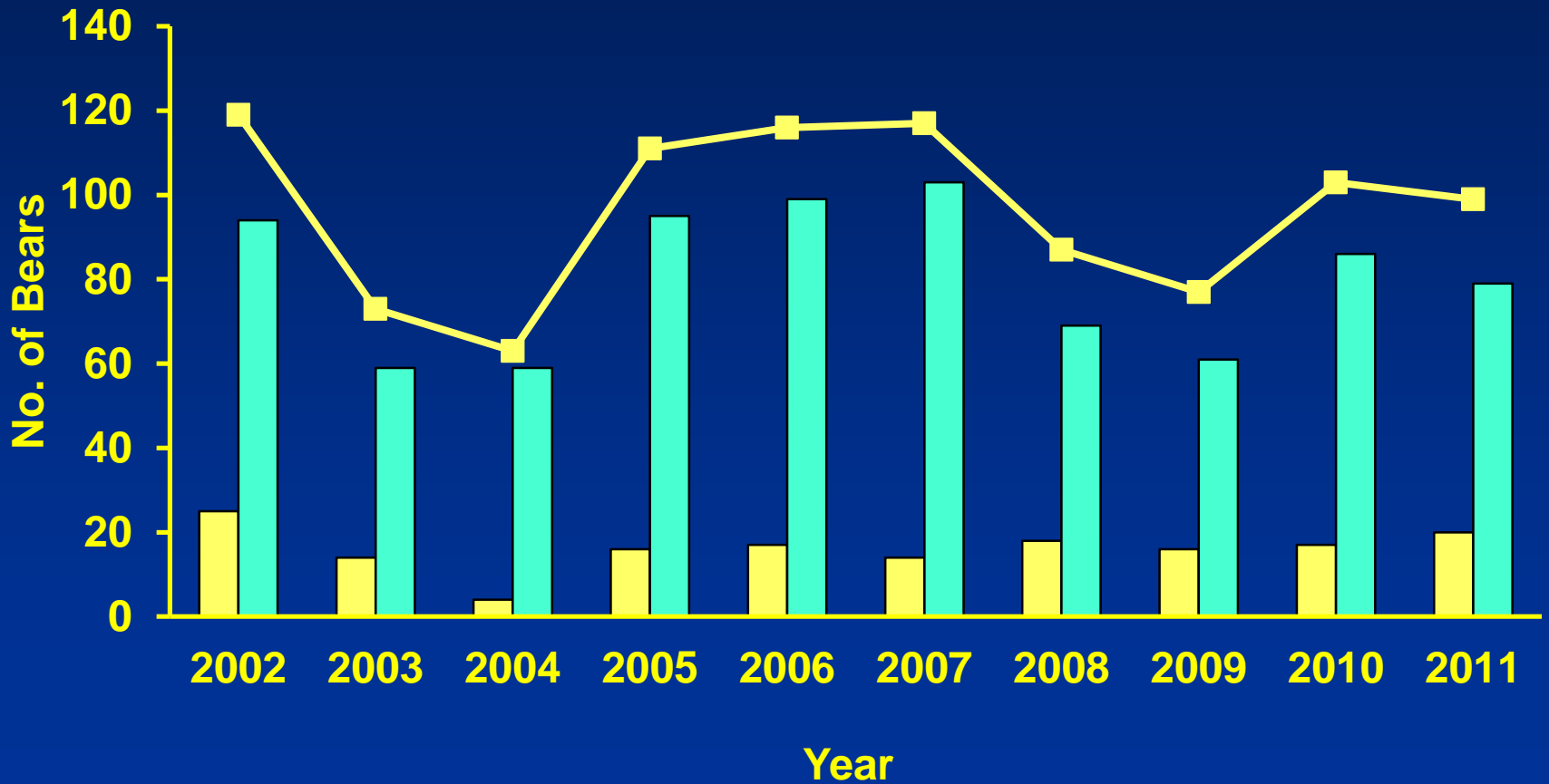
Unit 1C Black Bear Harvest Ticket Summary 2009-2011*

- Avg. 163 hunters/year (range 140-190)
- Avg. annual success rate: 43%
- Avg. days/successful hunter: 4.2 (range 4-5.1)
- Avg. days/unsuccessful hunter: 4.0 (range 3.7-4.4)

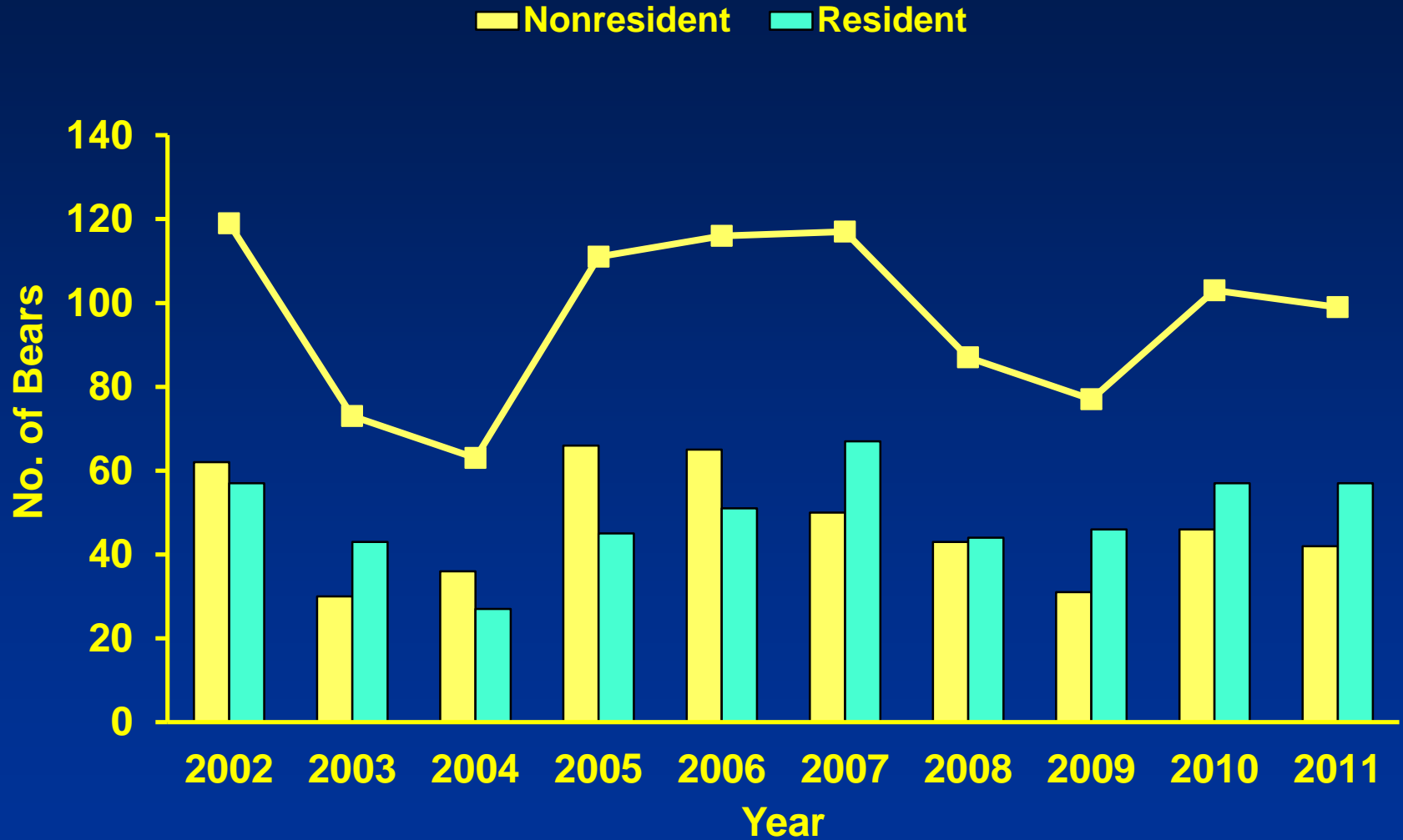
*Harvest tickets first required in RY 2009.

Unit 1C Black Bear Harvest 2002-2011

Female Male Total Harvest



Unit 1C Black Bear Harvest by Residency 2002-2011

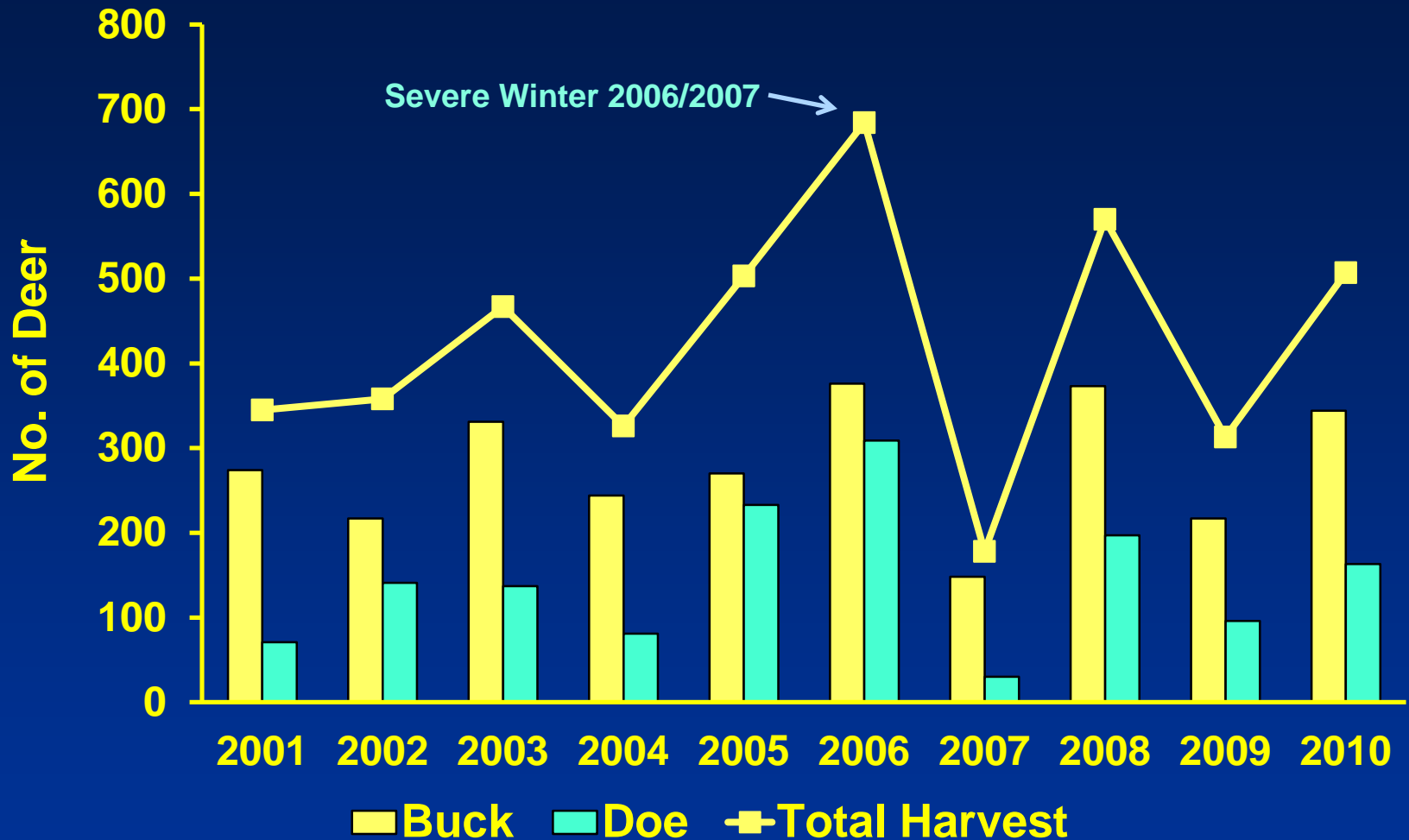


SITKA BLACK-TAILED DEER

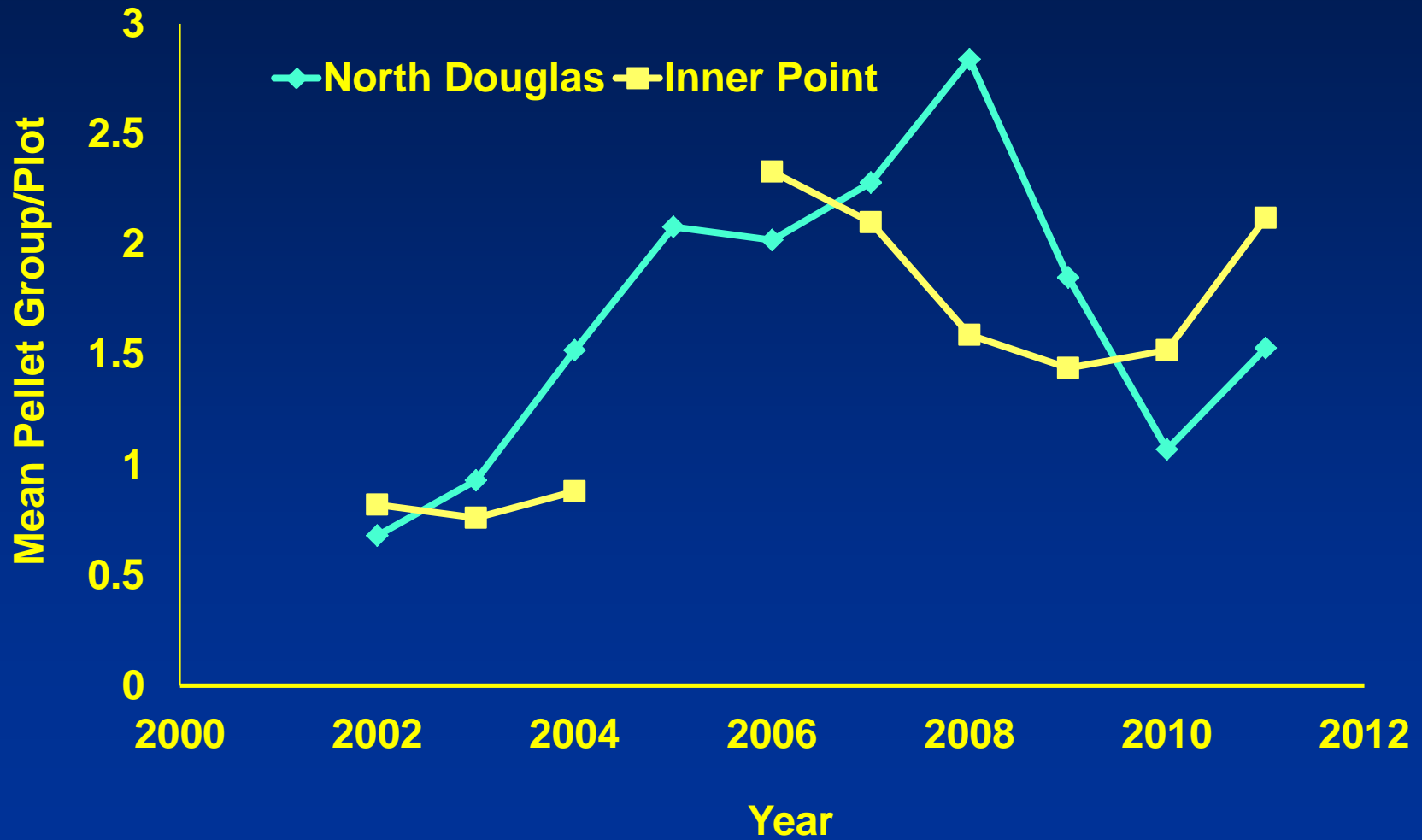
- **Mean annual harvest: 368 (2002-2011)**
 - 8-9 days/deer
 - 1.5 deer/successful hunter
- **Most abundant on islands; present on mainland**
- **Significant winter mortality 2006-2007**
- **Proposal 1**



Unit 1C Deer Harvest 2001-2010



Douglas Island Pellet Transects 2002-2011

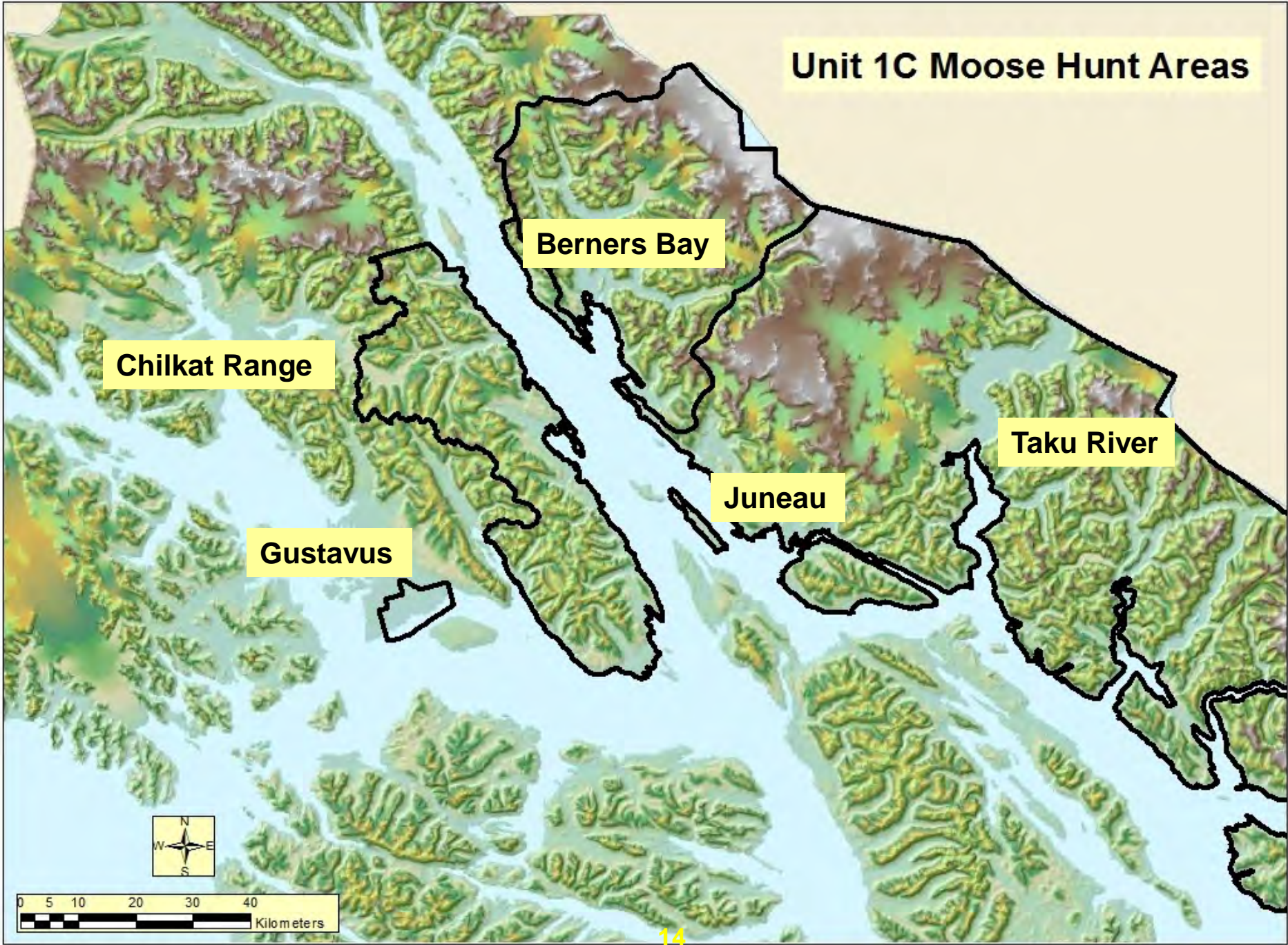


MOOSE

Four management populations

- **Gustavus**
 - **Registration permit/antler restriction**
 - **Drawing permit/antlerless moose**
- **Chilkat Range**
 - **Registration permit/any bull**
- **Taku River**
 - **Registration permit/any bull**
- **Berners Bay**
 - **Drawing permit/bull**
 - **Drawing permit/antlerless**

Unit 1C Moose Hunt Areas



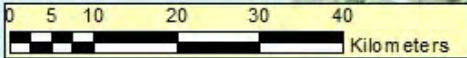
Chilkat Range

Berners Bay

Gustavus

Juneau

Taku River



MOOSE



Gustavus Bull Moose Hunt

- Any bull (through 2008)
 - Difficult to manage
 - Season length ranged from 30 days to 6 hours

- 2009-2010: antler restriction
 - 2009: 14 bulls & 30 days
 - 2010: 13 bulls & 20 days
 - 2011: 8 bulls & 30 Days
 - 2012: 9 bulls & 30 days

- 12% success (2009-2012)

- Proposal 9

MOOSE

Berners Bay Moose Hunts



- **Any bull drawing permit**
 - 6-10 permits annually (98-06)
 - 85% success

- **Antlerless drawing permit**
 - 2-10 permits (not issued every year)
 - 91% success

- **Multiple severe winters beginning in 2006/2007 led to population decline**

- **Proposal 10**

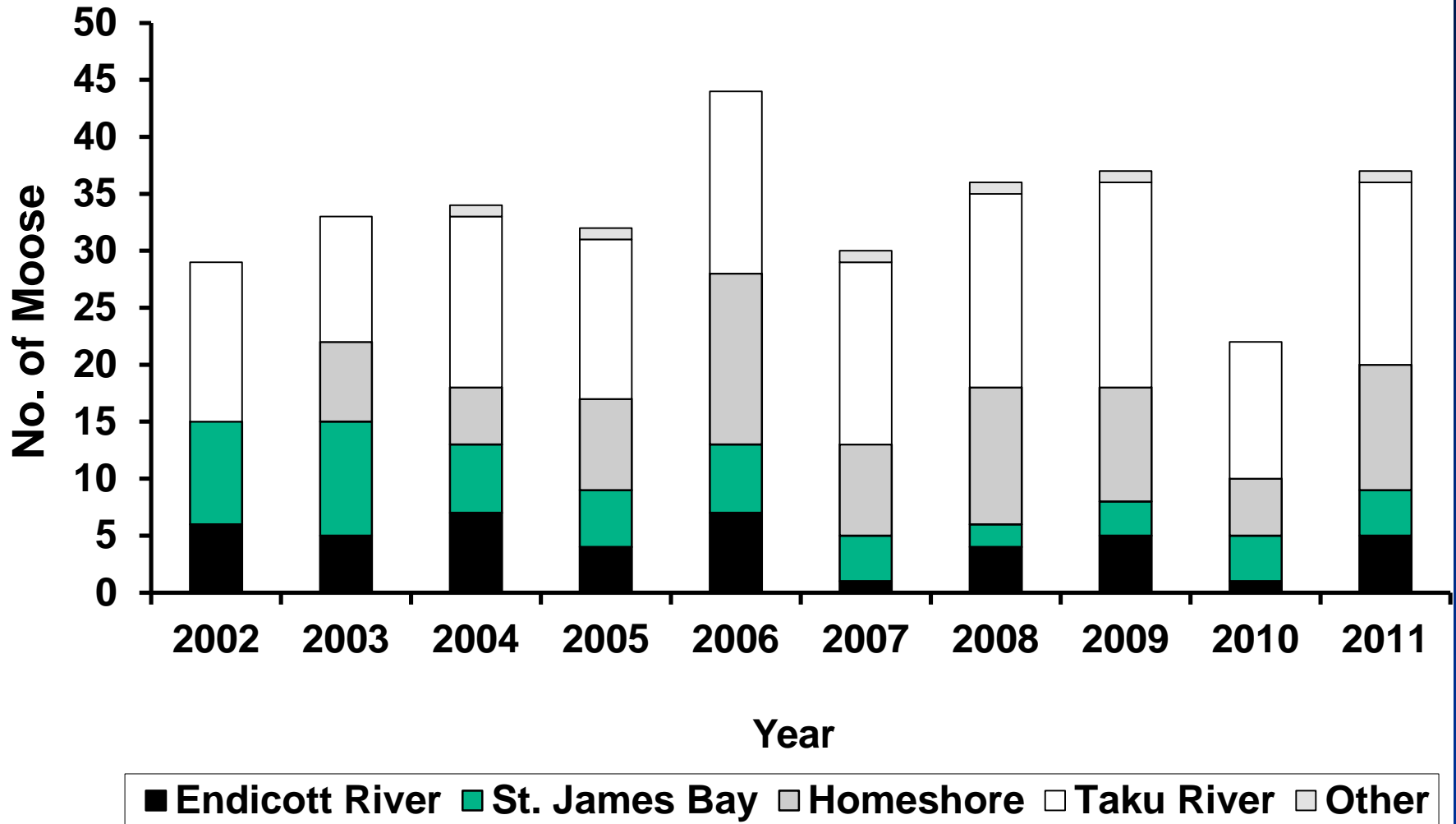
MOOSE



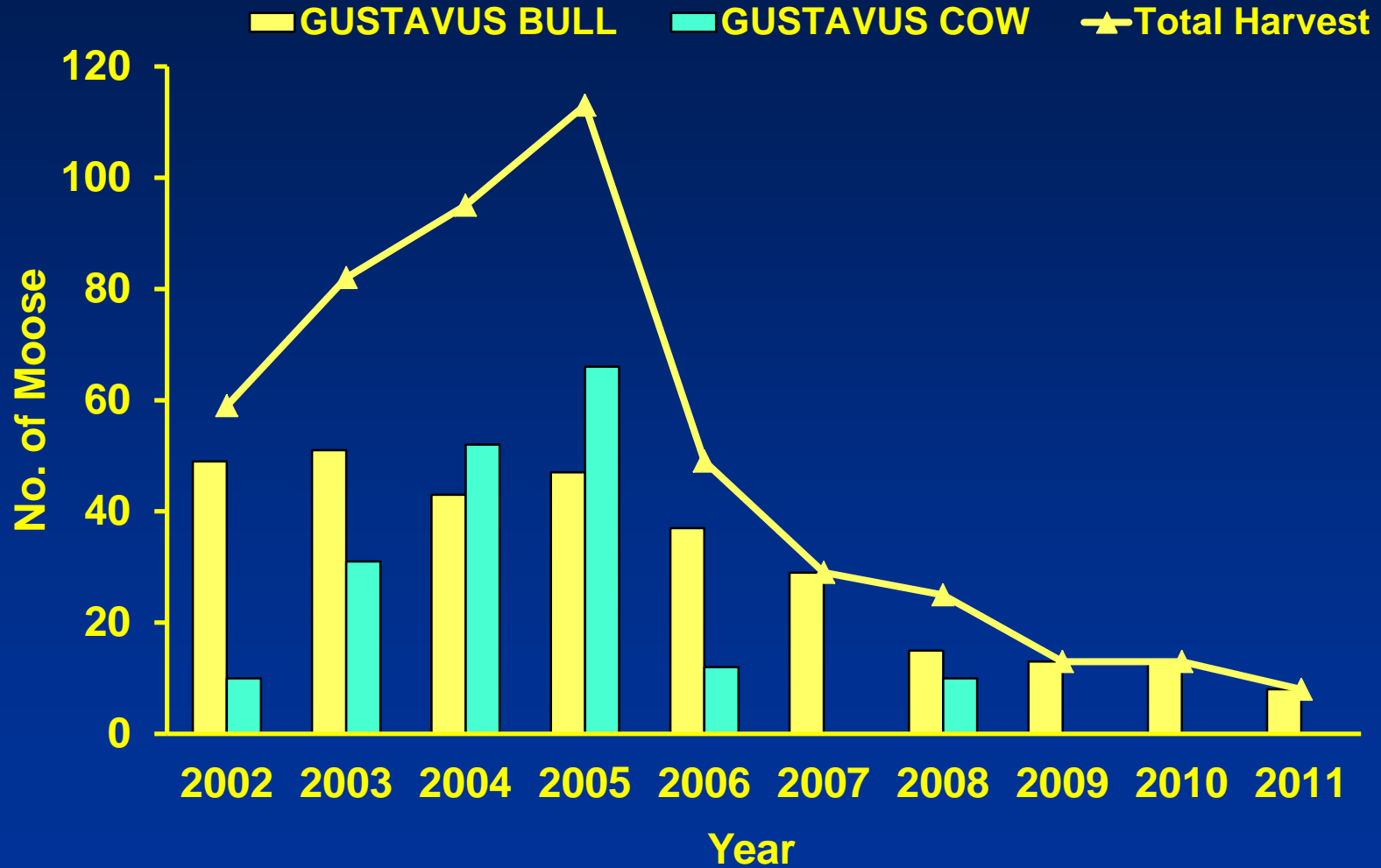
RM046 (Remainder of Unit 1C) Moose Hunts

- **Two primary hunt areas**
 - Taku River
 - Chilkat Range
- **200 hunters/annually**
- **17% success**

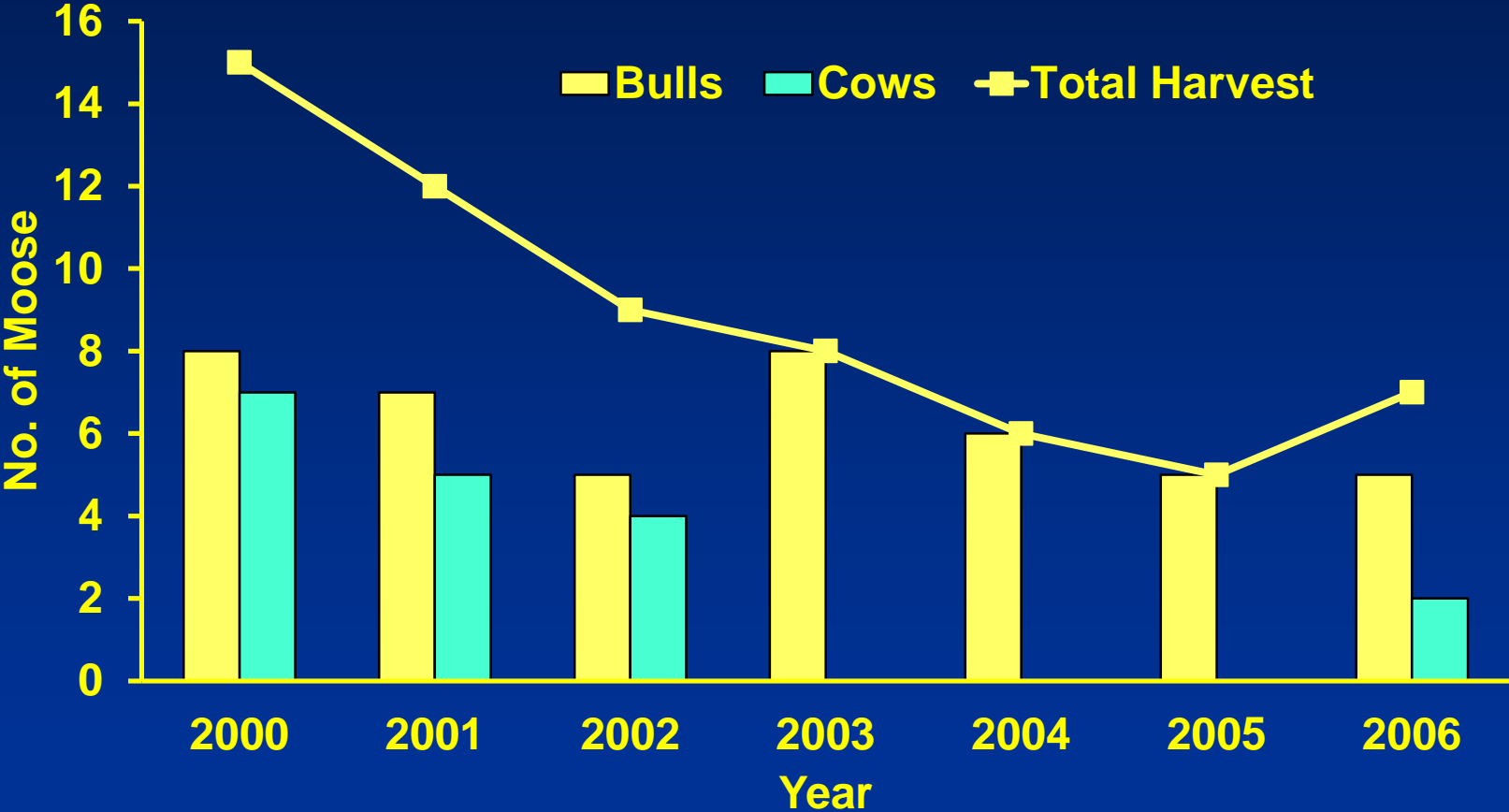
Unit 1C Moose Harvest 2002-2011



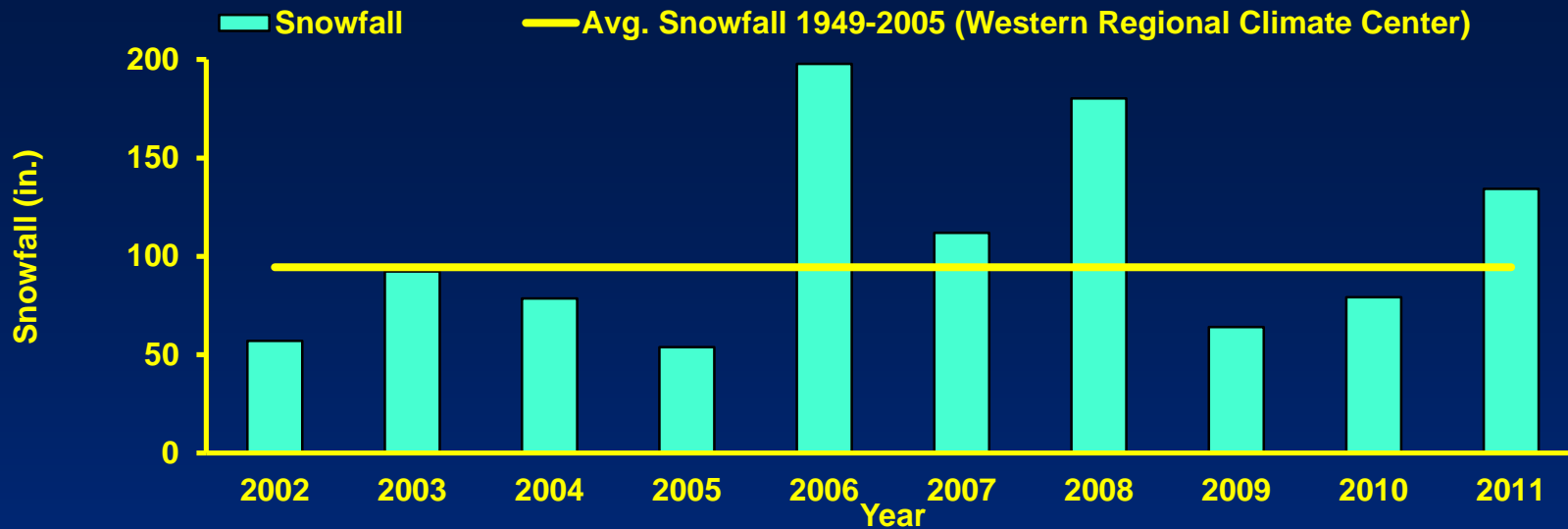
Gustavus Moose harvest 2002-2011



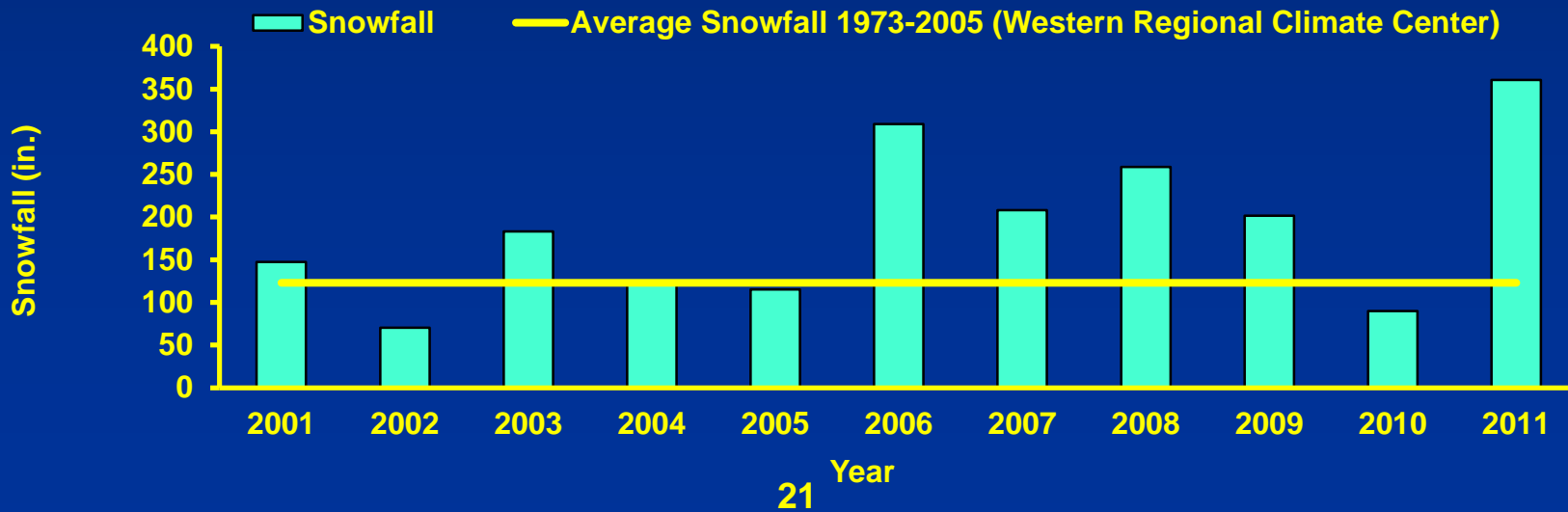
Berners Bay Moose Harvest 2000-2006



Snowfall Juneau Airport 2002-2011



Snowfall Haines COOP 2001-2011



MOUNTAIN GOAT



- **Mean annual harvest: 41 2002-2011**
 - 88 hunters/year
- **28 nonresident hunters/year**
 - 83% success
- **60 resident hunters/year**
 - 28% success
- **89% of harvest is male goats**

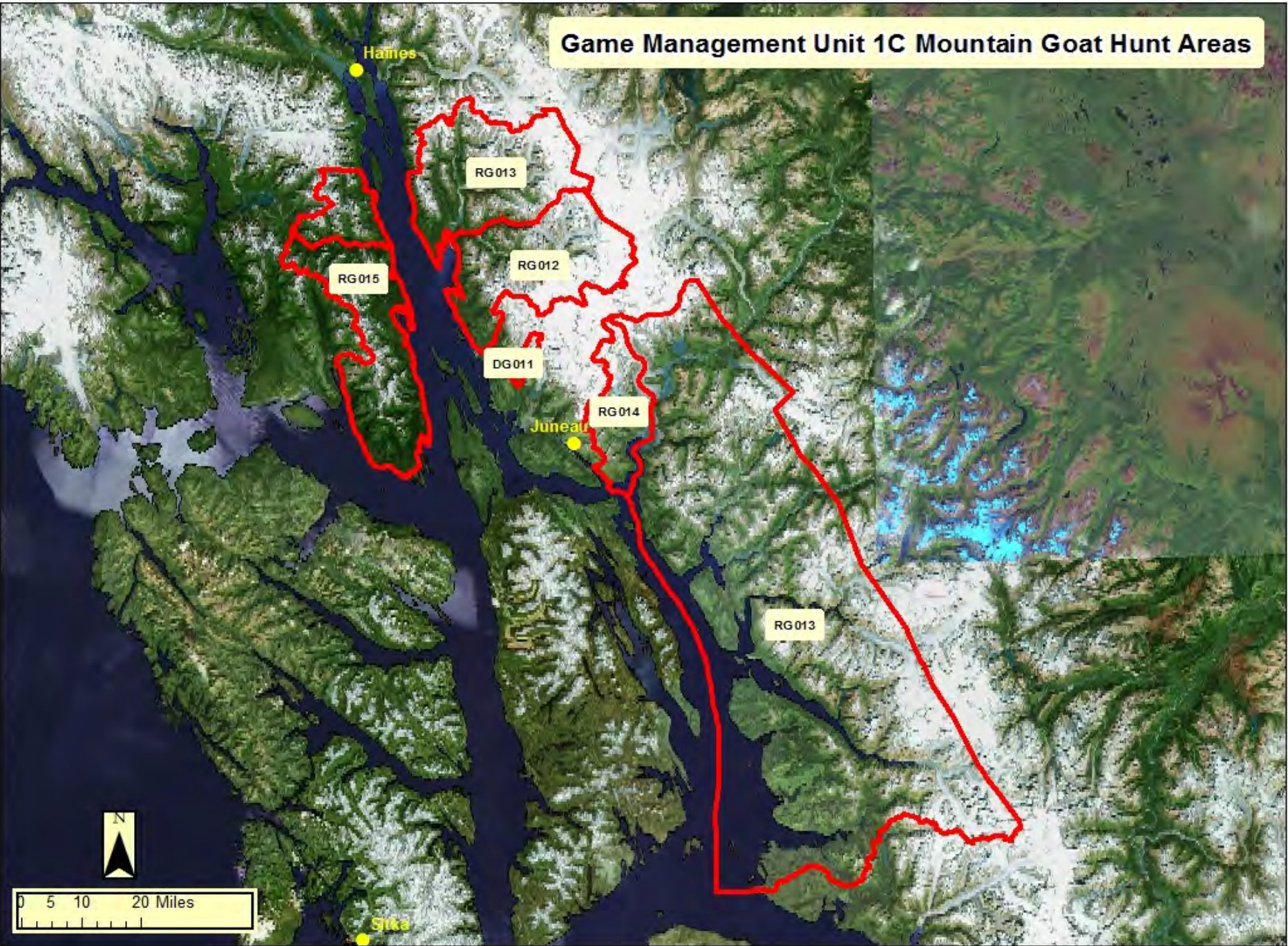
UNIT 1C MOUNTAIN GOAT MANAGEMENT OVERVIEW

- **Goat hunts are managed by registration & drawing permits**

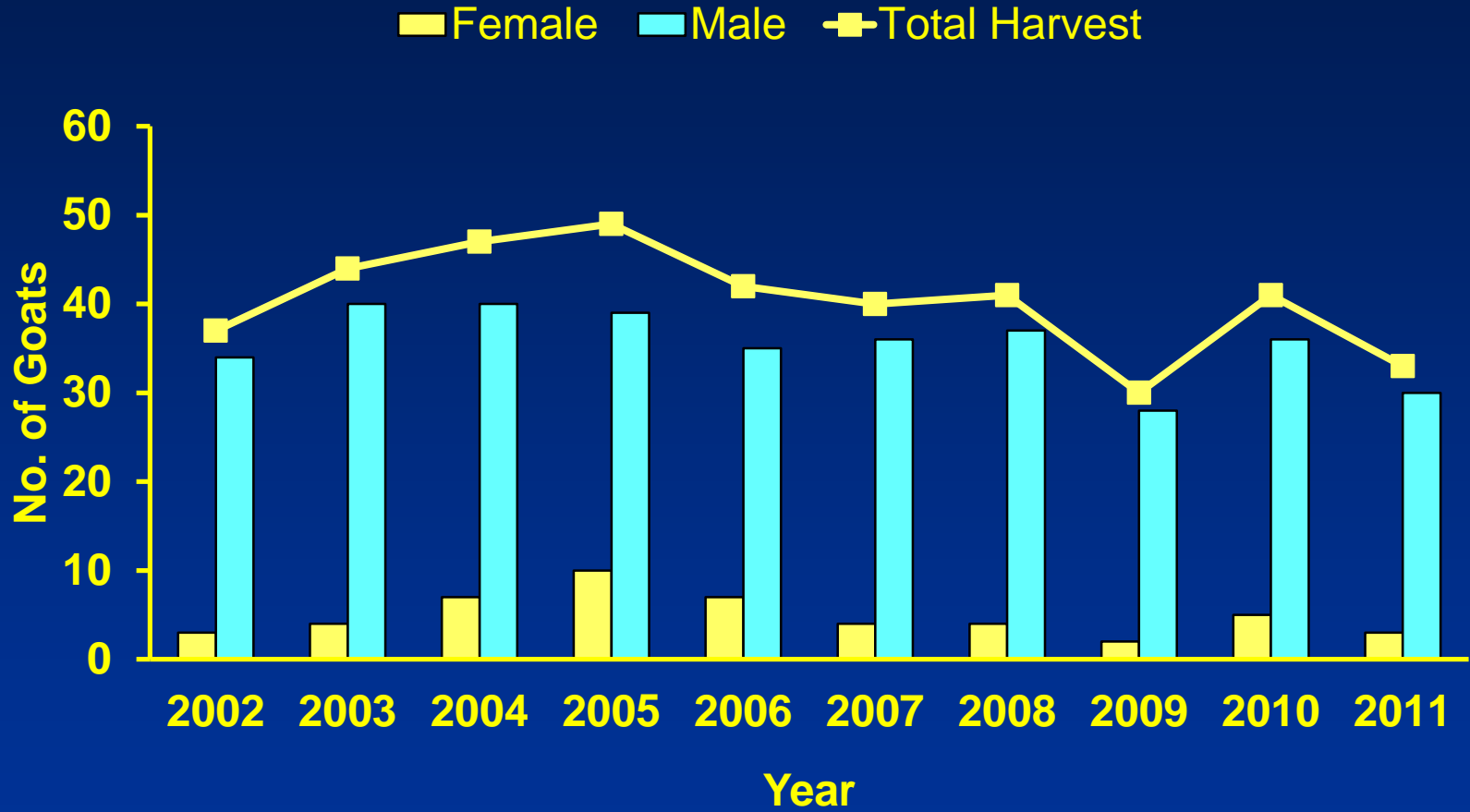
- **There are four registration permit hunts and one drawing permit hunt in Unit 1(C)...these have varying season dates**
 - **RG012 Oct. 1-Nov. 30**
 - **RG013 Aug. 1-Nov. 30**
 - **RG014 Aug. 1-Nov. 30 (archery only)**
 - **RG015 Sept. 1-Nov. 30**
 - **DG011 Oct. 1-Nov. 30**

- **Allowable harvest determined by aerial survey**

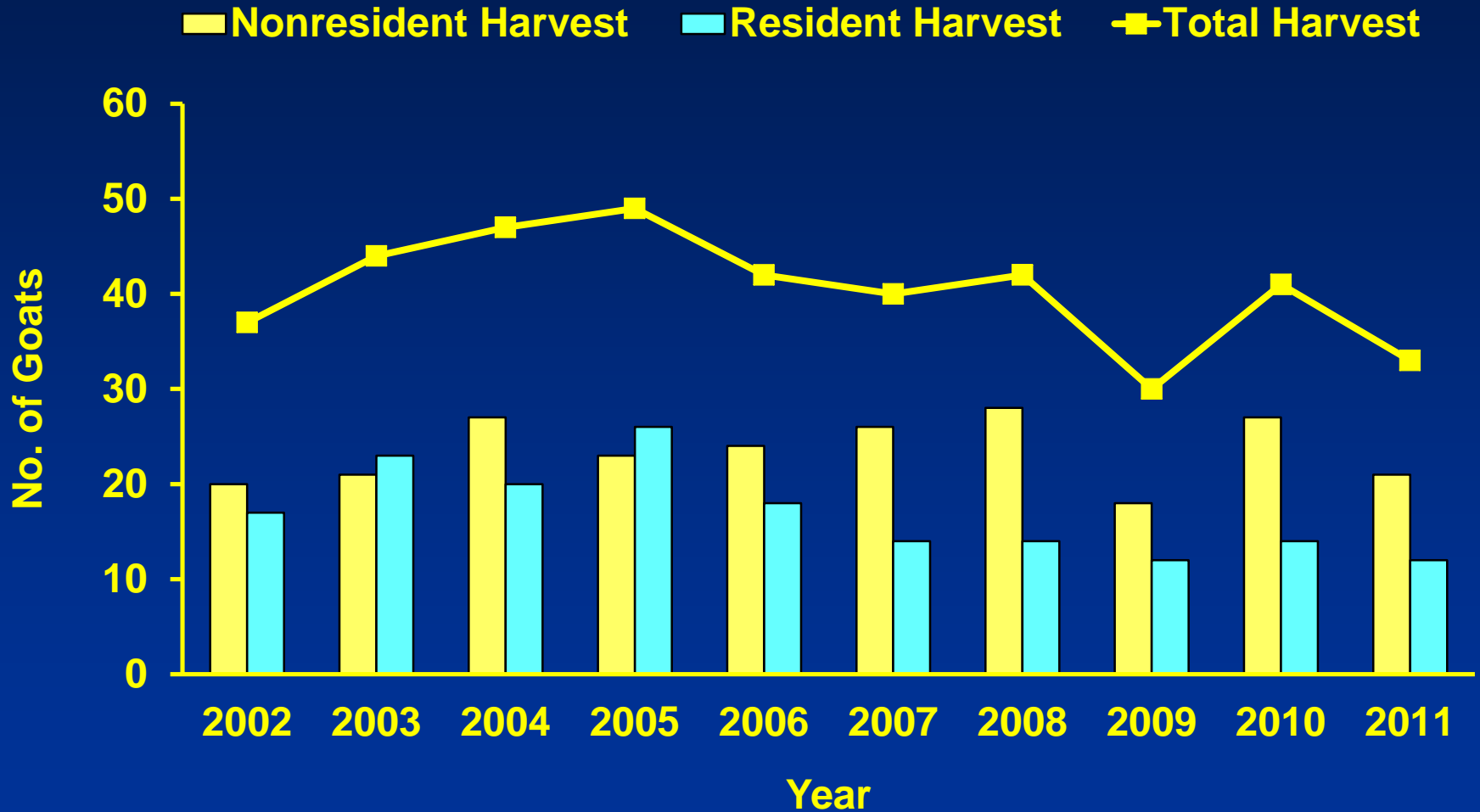
Game Management Unit 1C Mountain Goat Hunt Areas



Unit 1C Mountain Goat Harvest 2002-2011



Unit 1C Mountain Goat Harvest by Residency 2002-2011

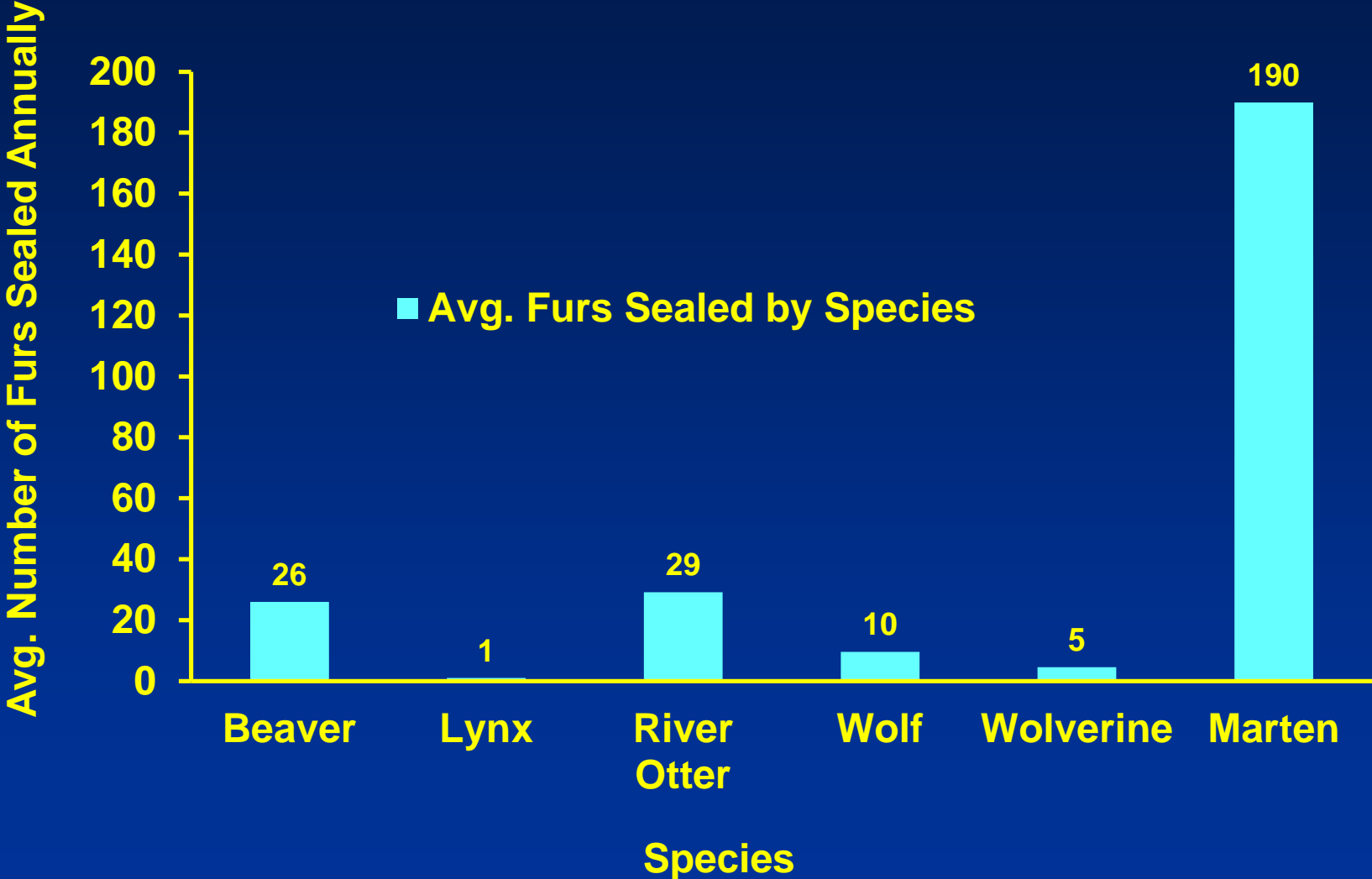


FURBEARERS

- **Primarily recreational trappers**
 - 24 trappers seal furs annually
- **Berners Bay wolverine research**
- **Increased coyote sightings**
- **Public outreach**
- **Multiple proposals**



Unit 1C Fur Sealing 2002-2011



WATERFOWL



Mendenhall Wetlands State Game Refuge

- Waterfowl hunting
 - 350 hunters/year



Dude Creek Critical Habitat Area

- Waterfowl & moose hunting
- Trapping

Additional Management Activities

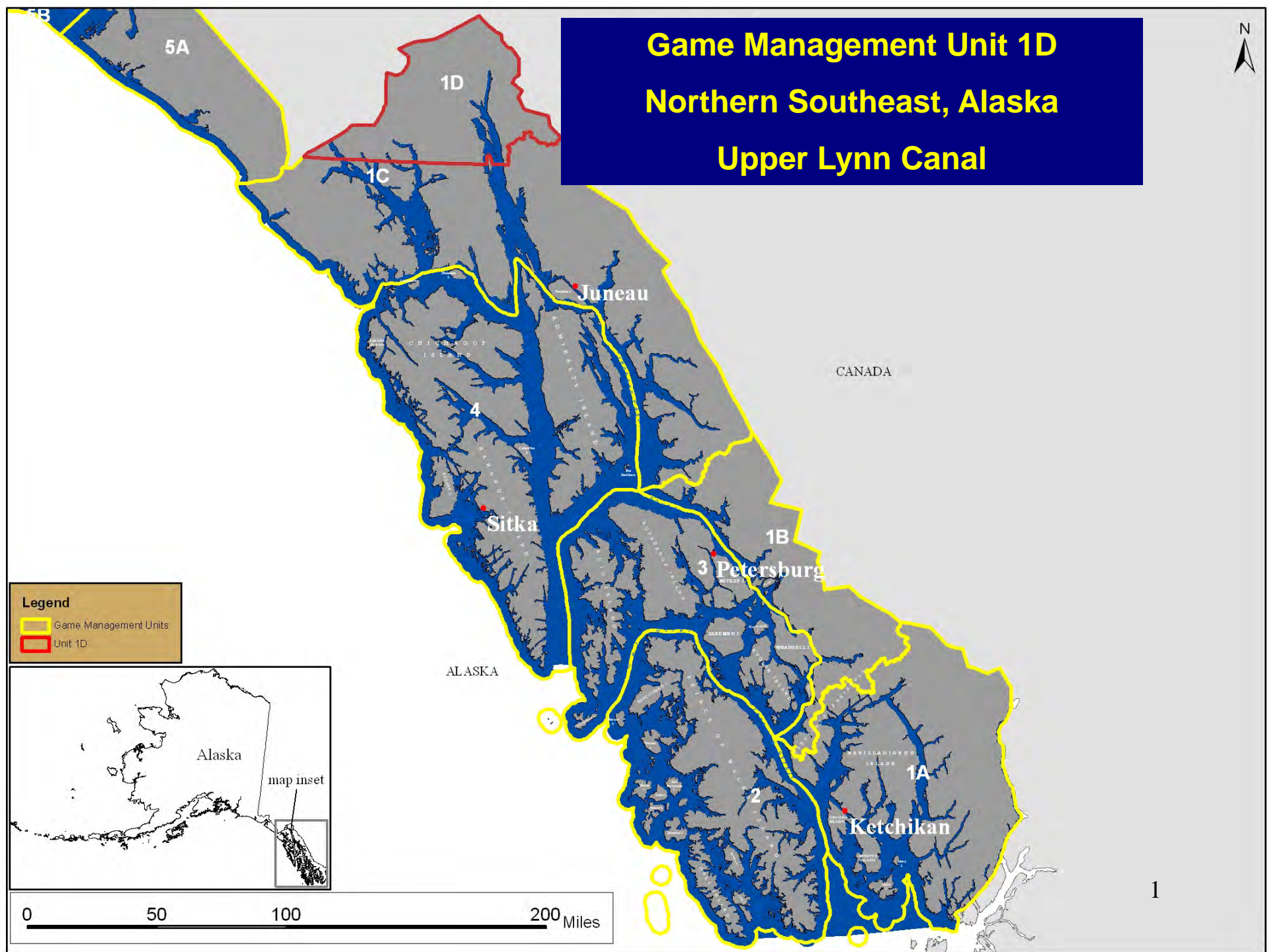
- Hunter education
- Urban wildlife
- Juneau Access Project
- Sweetheart Lake Hydro



Photo courtesy of Tom Mattice



Game Management Unit 1D Northern Southeast, Alaska Upper Lynn Canal



Legend

- Game Management Units
- Unit 1D

Alaska

map inset

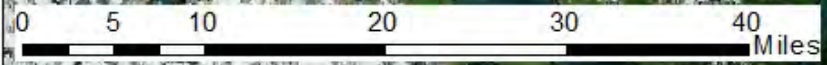
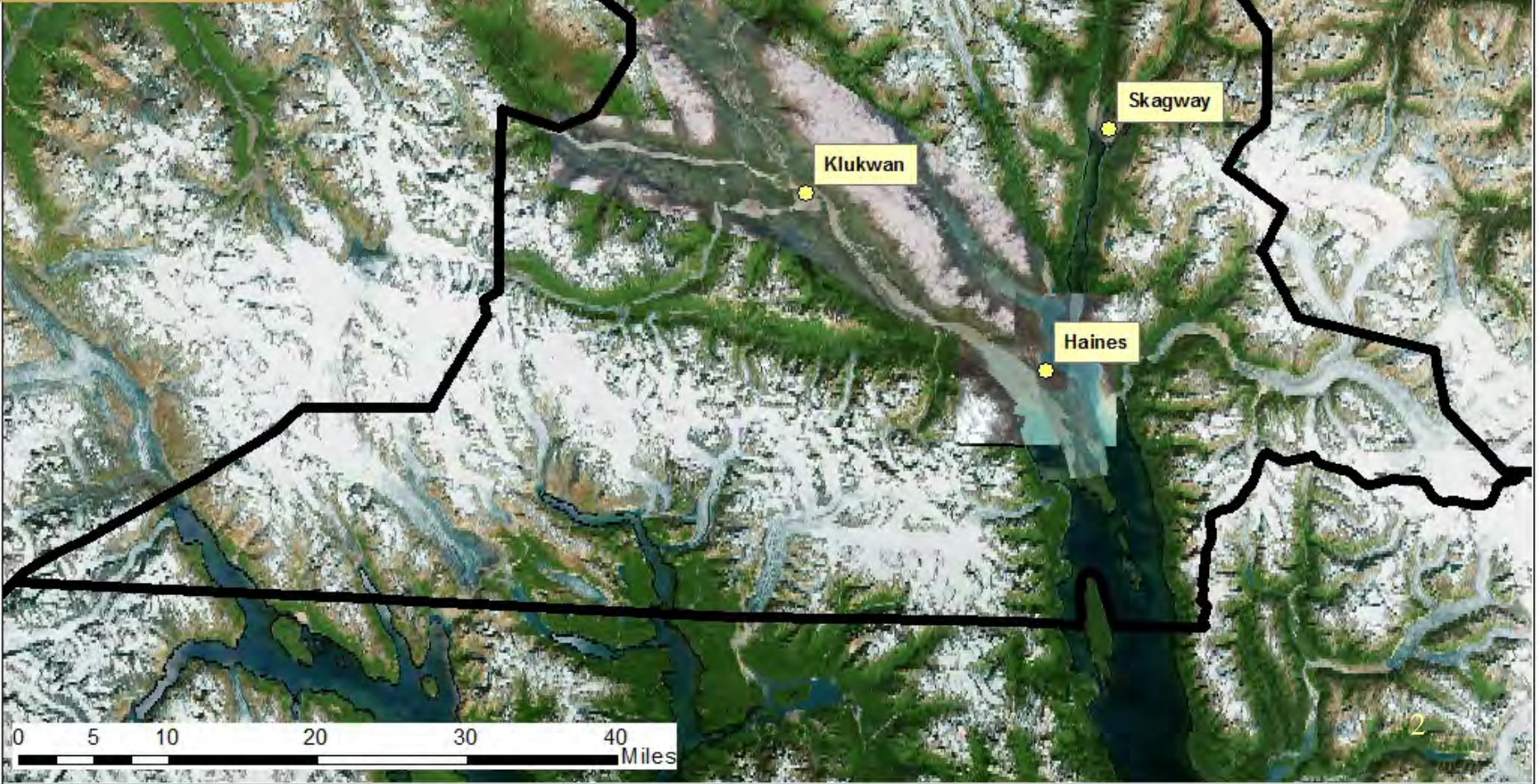
0 50 100 200 Miles

Unit 1D Overview



Legend

 Game Management Unit 1D



GAME MANAGEMENT UNIT 1D

- Small subunit (~2850 mi²) bounded by public lands and Canada
- Accessible by road
- Human population is about 3,000 (Haines, Skagway, Klukwan)

DEER



- No open season
- Sullivan Island (1C) is closest open area
- Moose and goat are major source of meat in unit

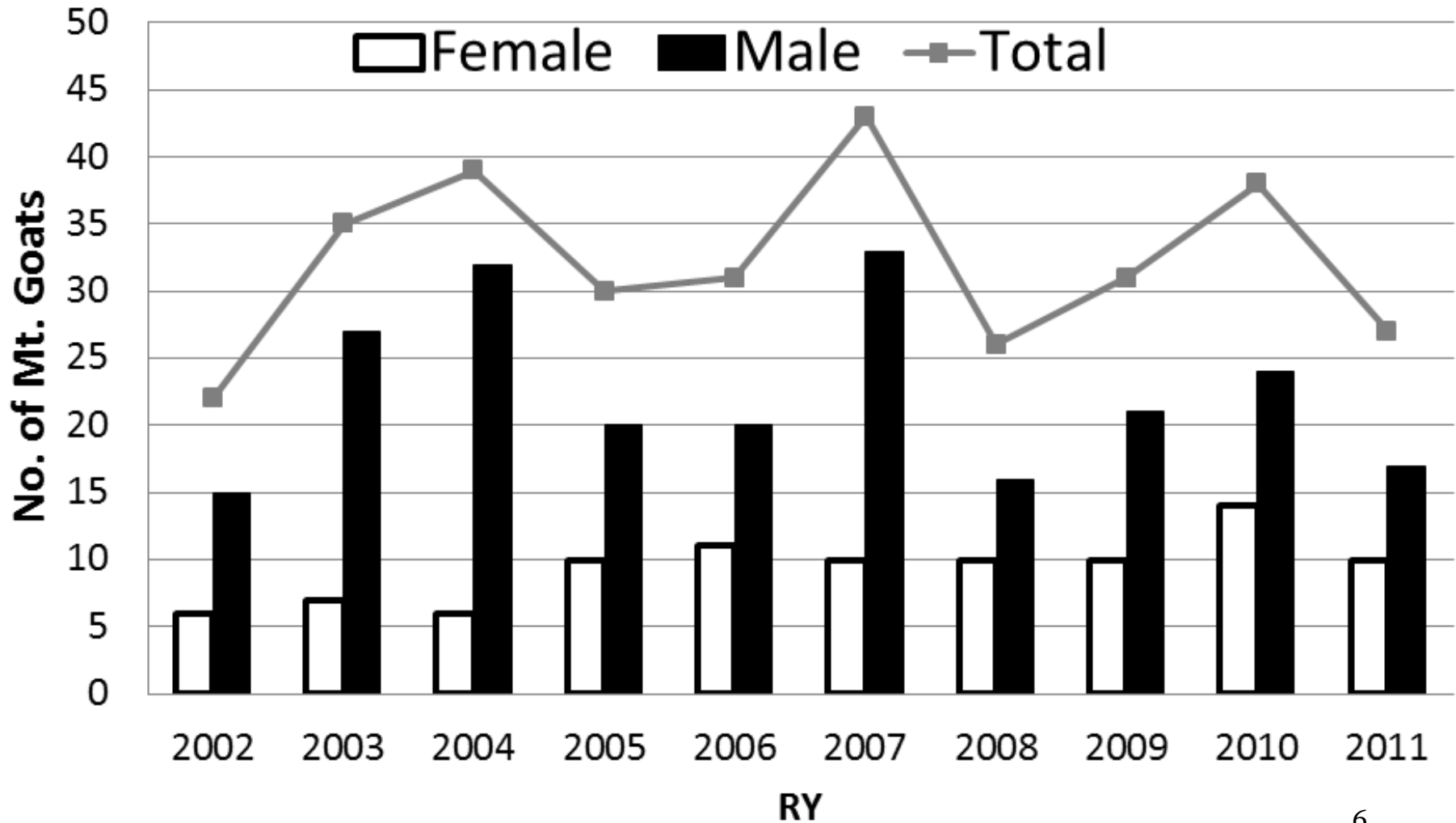
MOUNTAIN GOAT

- **Aerial survey data**
- **Goats available throughout Unit**
- **Haines goat research**
- **East Lynn Canal research**
- **Heli-skiing operations**
- **Proposal 16- (regional) modified bag limit**



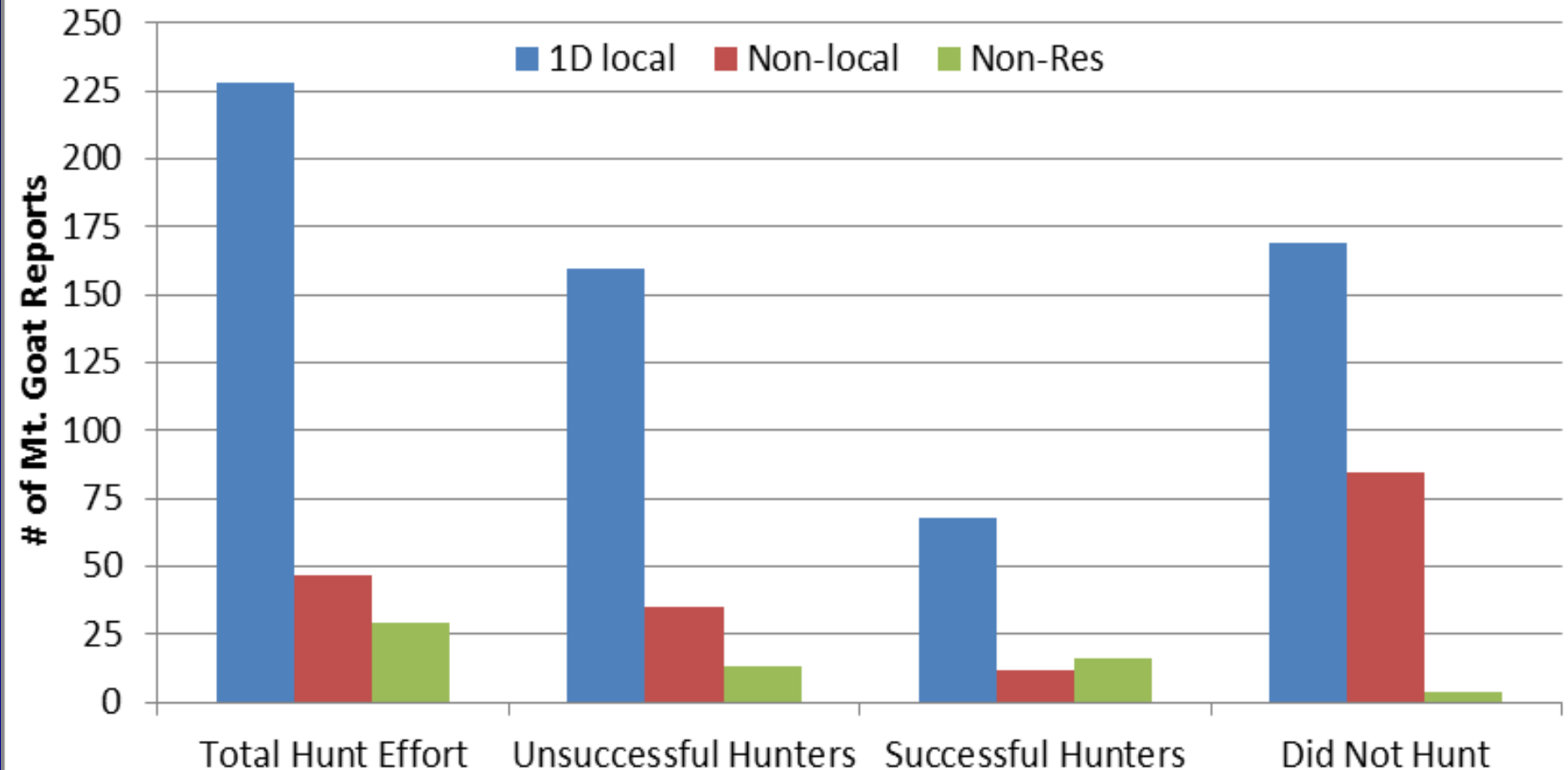
Mountain Goat Harvest

Unit 1D Mt. Goat Harvest (2002-2011)



1D Mountain Goat Harvest Effort

Unit1D Mt. Goat Harvest Effort 2002-2011



Mountain Goat Research

- Haines goat research
- Cooperative project with BLM
- Habitat selection
- Captured
25 Males / 15 Females
- Large Body Sizes
Avg. 307 lbs / 195 lbs
(Avg. age- 7 yrs)



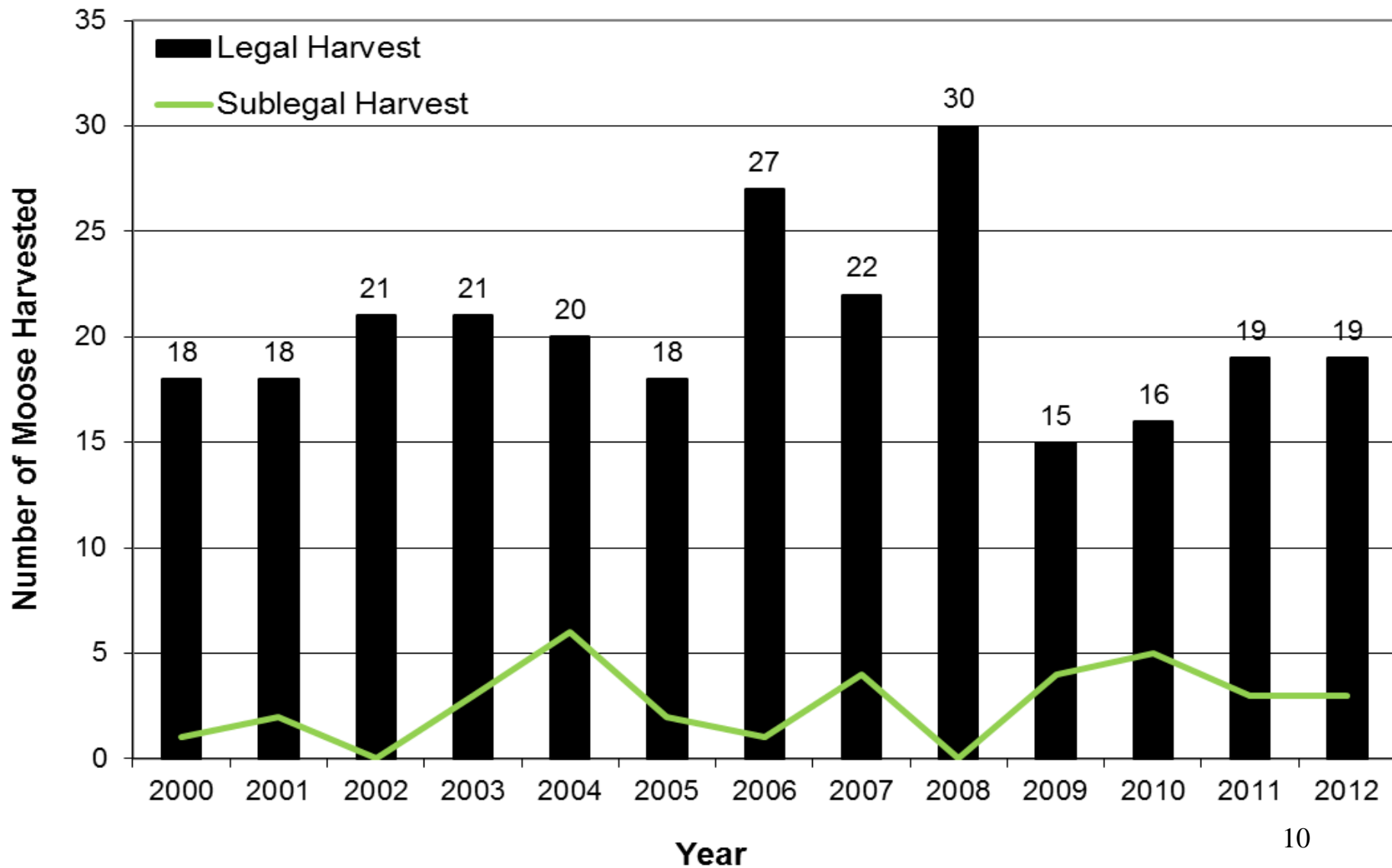
MOOSE



- **Tier II hunt with antler restriction**
- **Some local concern about status of herd & dissatisfaction with permit allocation**
- **Public meetings and education programs limit illegal bull harvest**
- **Surveys indicate stable population**

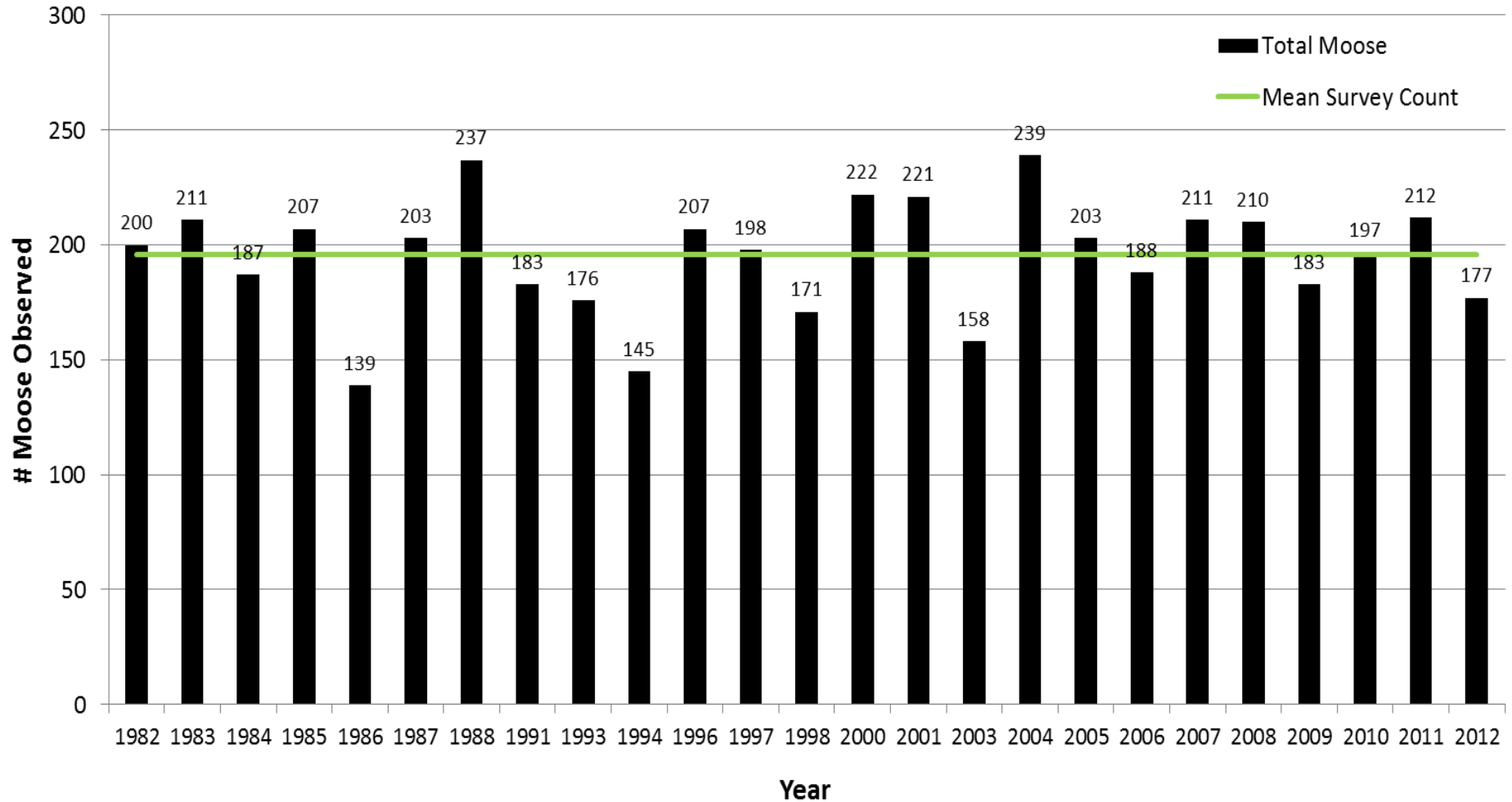
Unit 1D Moose Harvest

Unit 1D Moose Harvest (2000-2012)



Unit 1D Moose Surveys

Unit 1D Historical Moose Survey Data (1982-2012)



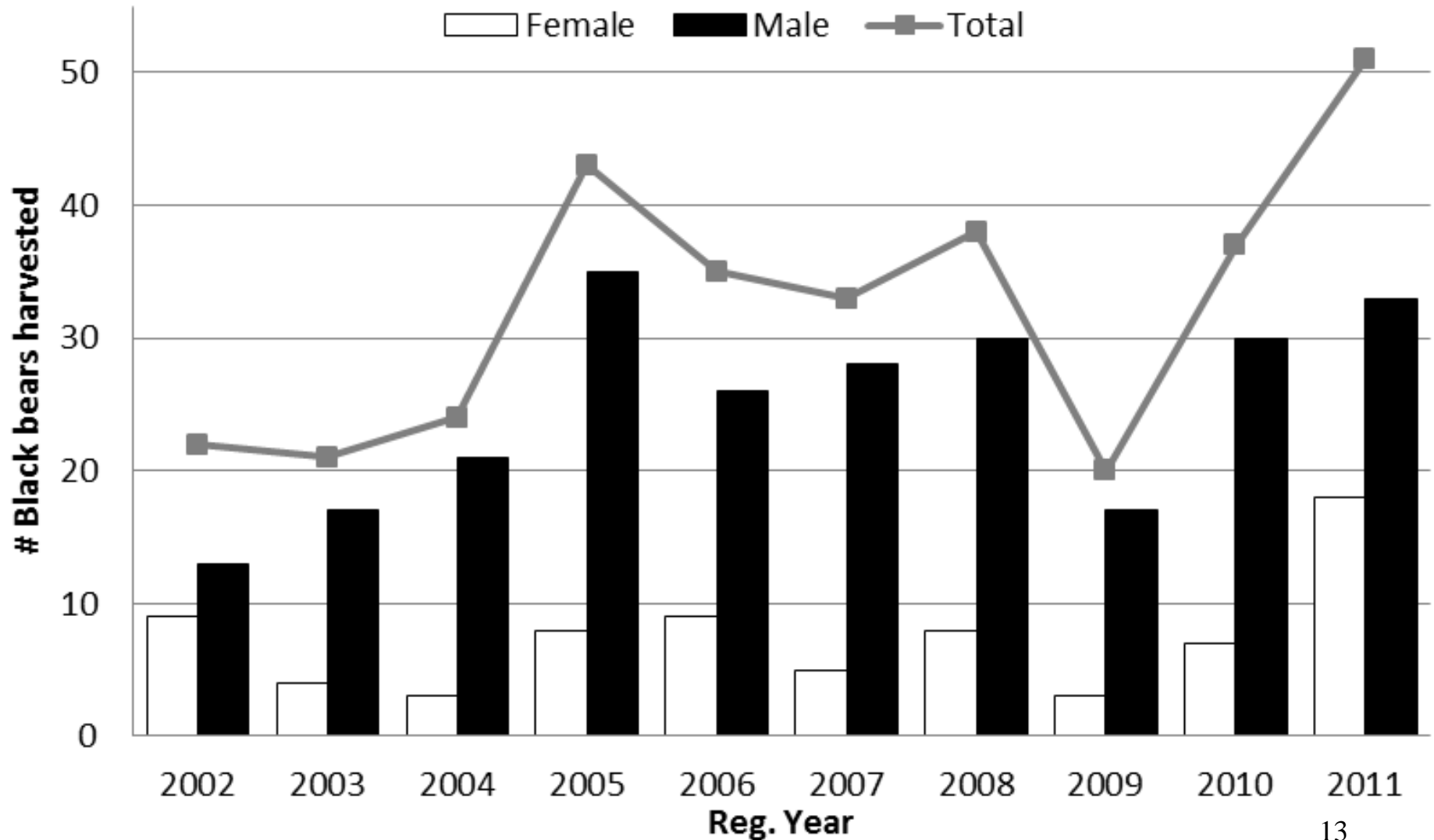
BLACK BEAR



- 79% of black bear harvest taken by residents
- Proposal 6 to change baiting season
- 34% of black bears reported taken over bait
- Important food source for subunit residents

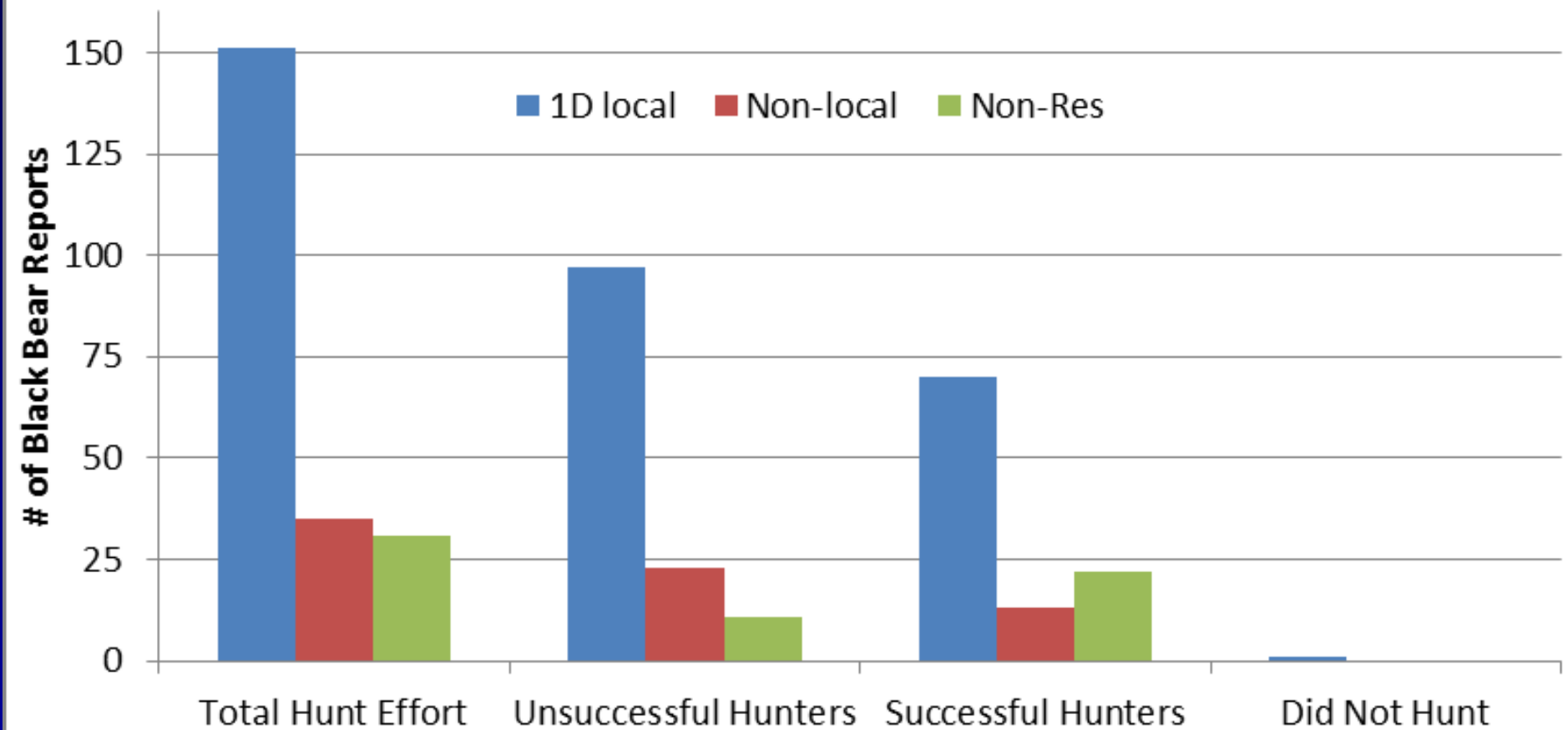
Unit 1D Black Bear Harvest

Total Black Bears Harvested in Unit 1D (2002-2011)



Unit 1D Black Bear Harvest Effort

Unit1D Black Bear Harvest Effort 2009-2011



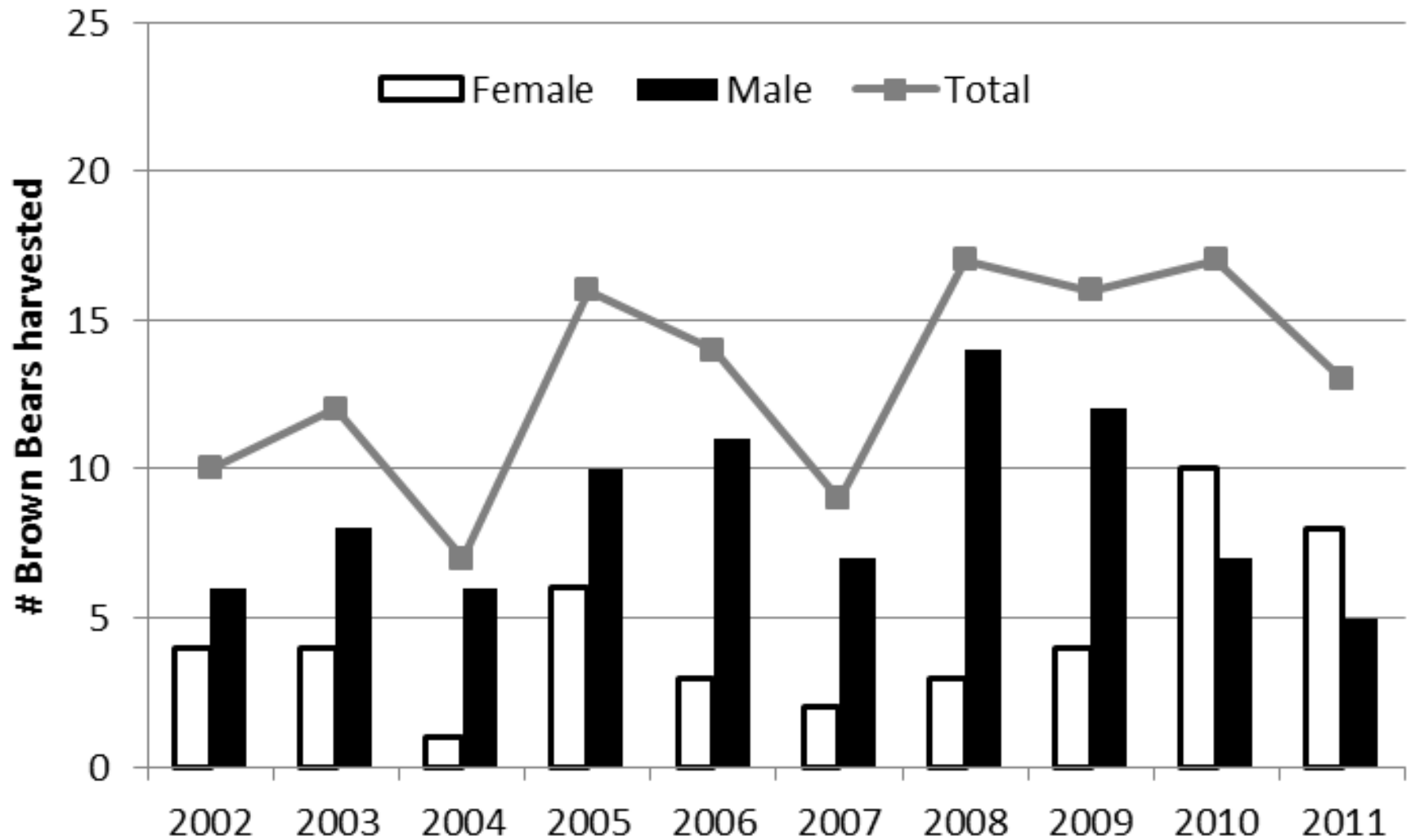
BROWN BEAR

- 71% of brown bear harvest taken by nonresidents
- Non-hunter killed bears
- Variety of public perceptions about bear population



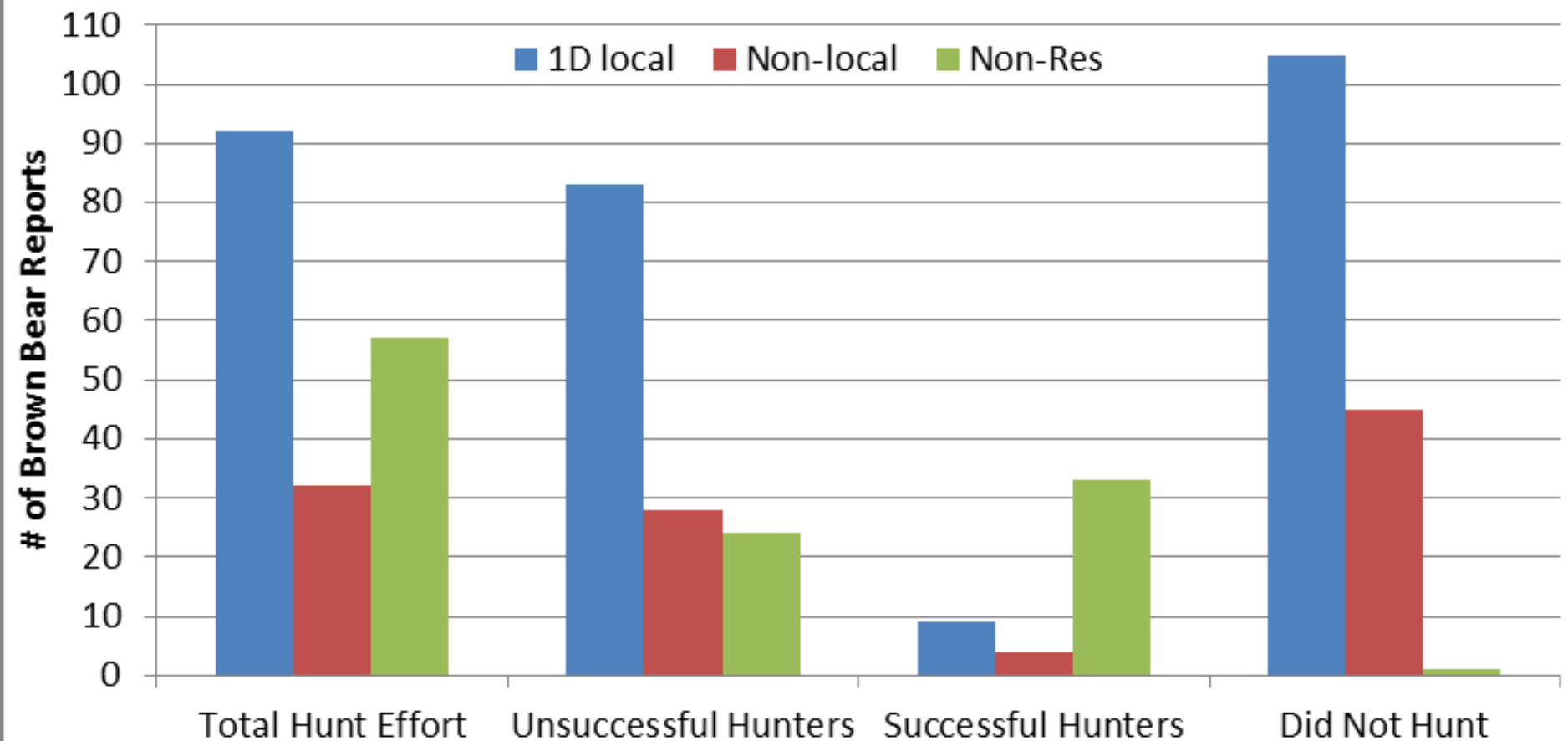
Unit 1D Brown Bear Harvest

Brown Bear Harvest in Unit 1D 2002-2011



Unit 1D Brown Bear Harvest Effort

Unit1D Brown Bear Harvest Effort 2002-2011



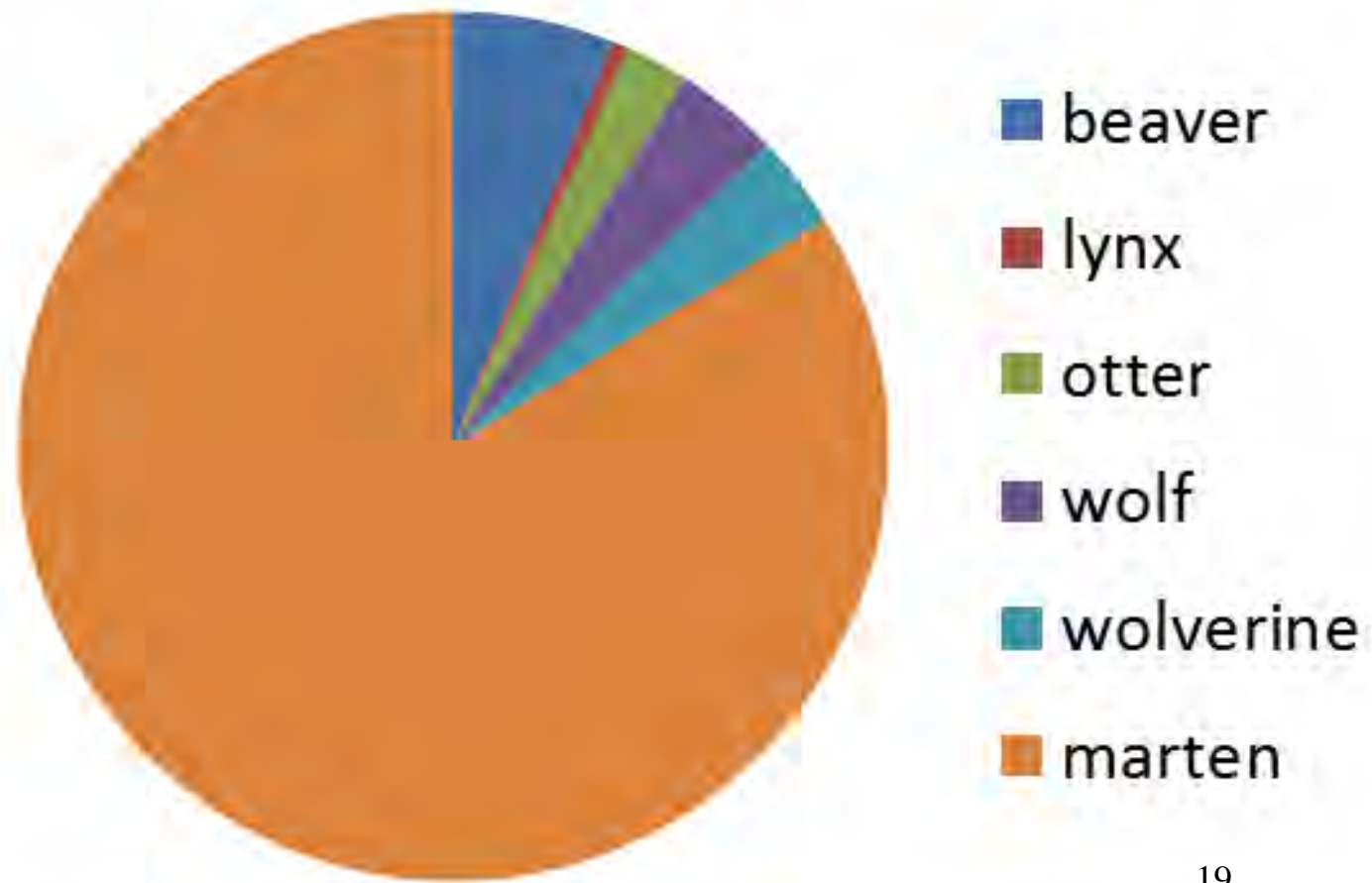
FURBEARERS

- Variety of furbearer species
- On average 15 individual trappers (range: 11-20) sealed furs in each of the previous 5 years
- <10 furs per species sealed each year (1999-2011), except marten (avg. 110/yr)



Unit 1D Furbearer Harvest

Unit 1D Mean Fur Sealed (2002-2011)



OTHER CONCERNS

- Chilkoot River bears
- Haines Bear Attraction/
Garbage Ordinance
- Connelly Lake Hydro



Northern Southeast, Alaska Game Management Units 5A & 5B

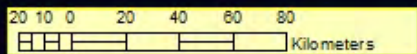
Gulf of Alaska

05B

Yakutat

05A

- 5,800 square miles
- Human population: 660

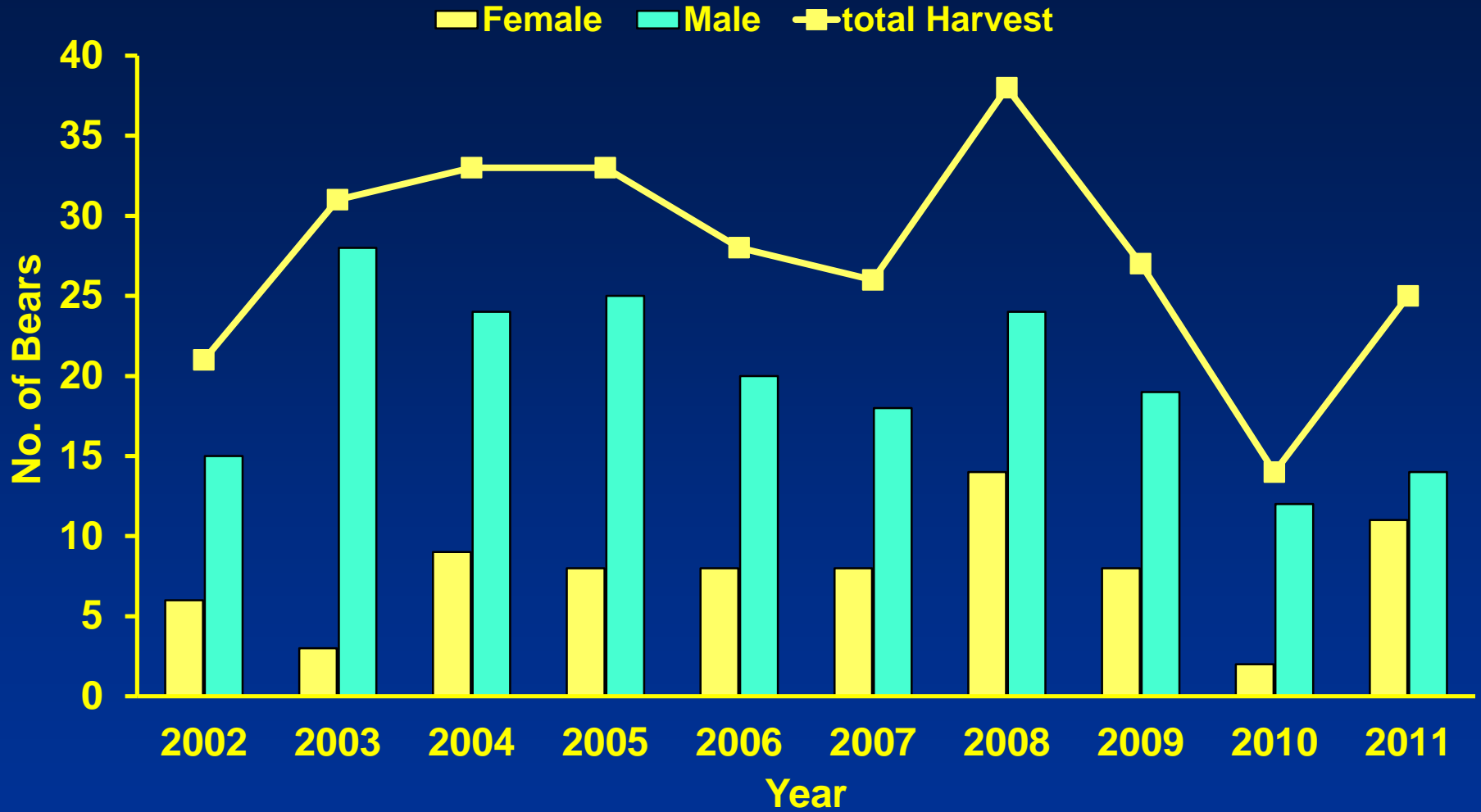


BROWN BEAR

- Mean annual harvest (2002-2011)
 - Unit 5A: 21
 - Unit 5B: 7
 - 42% success unit wide
- 74% harvest by nonresidents
- High non-hunting mortality (1-14 bears/year)
- Yakutat & Malaspina Forelands research
- Proposal 5

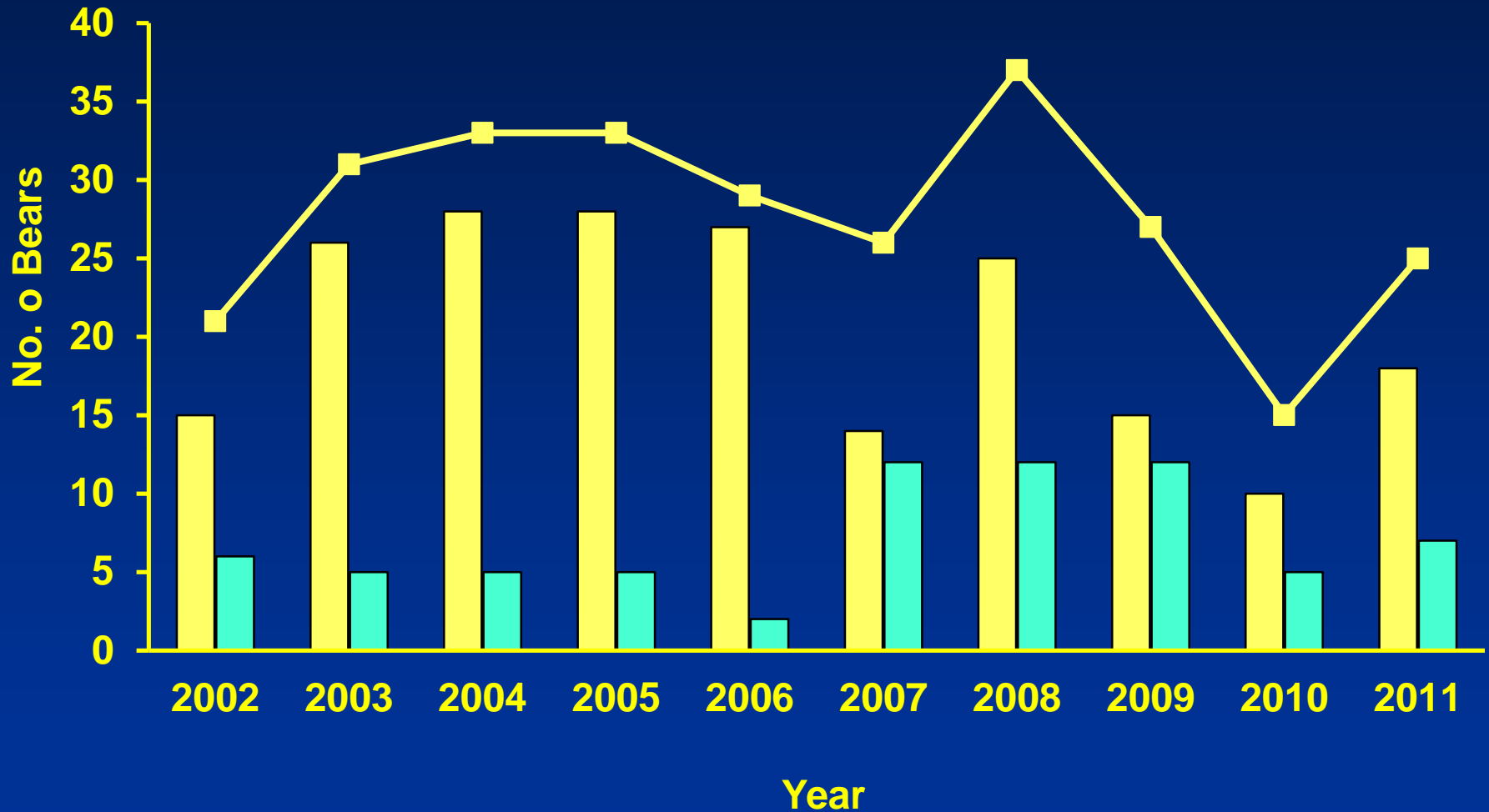


Unit 5 Brown Bear Harvest 2002-2011



Unit 5 Brown Bear Harvest by Residency 2002-2011

■ Nonres ■ Res ■ Total Harvest



BLACK BEAR



- **Mean annual harvest: 16 (2002-2011)**
 - 56% resident hunter success
 - 44% nonresident hunter success
- **Nearly 100% from 5A**
- **Annual glacier bear harvest: 2-3**

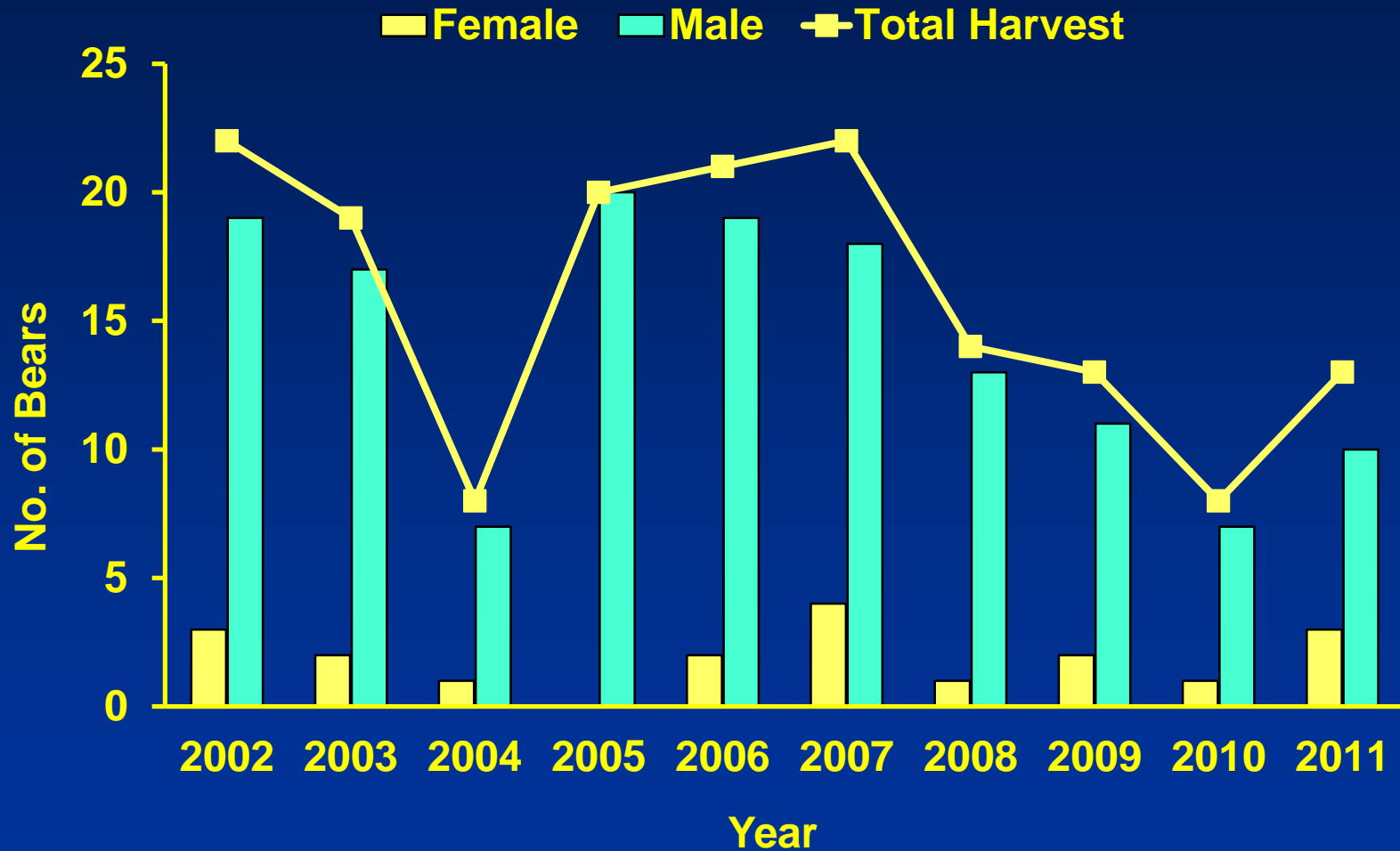
BLACK BEAR

Unit 5 Black Bear Harvest Ticket Summary 2009-2011*

- Avg. 14 hunters/year (range 11-20)
- Avg. annual success rate: 39%
- Avg. days/successful hunter: 4.4 (range 3.1-6.1)
- Avg. days/unsuccessful hunter: 6.4 (range 5.6-7.5)

*Harvest tickets first required in RY 2009.

Unit 5 Black Bear Harvest 2002-2011

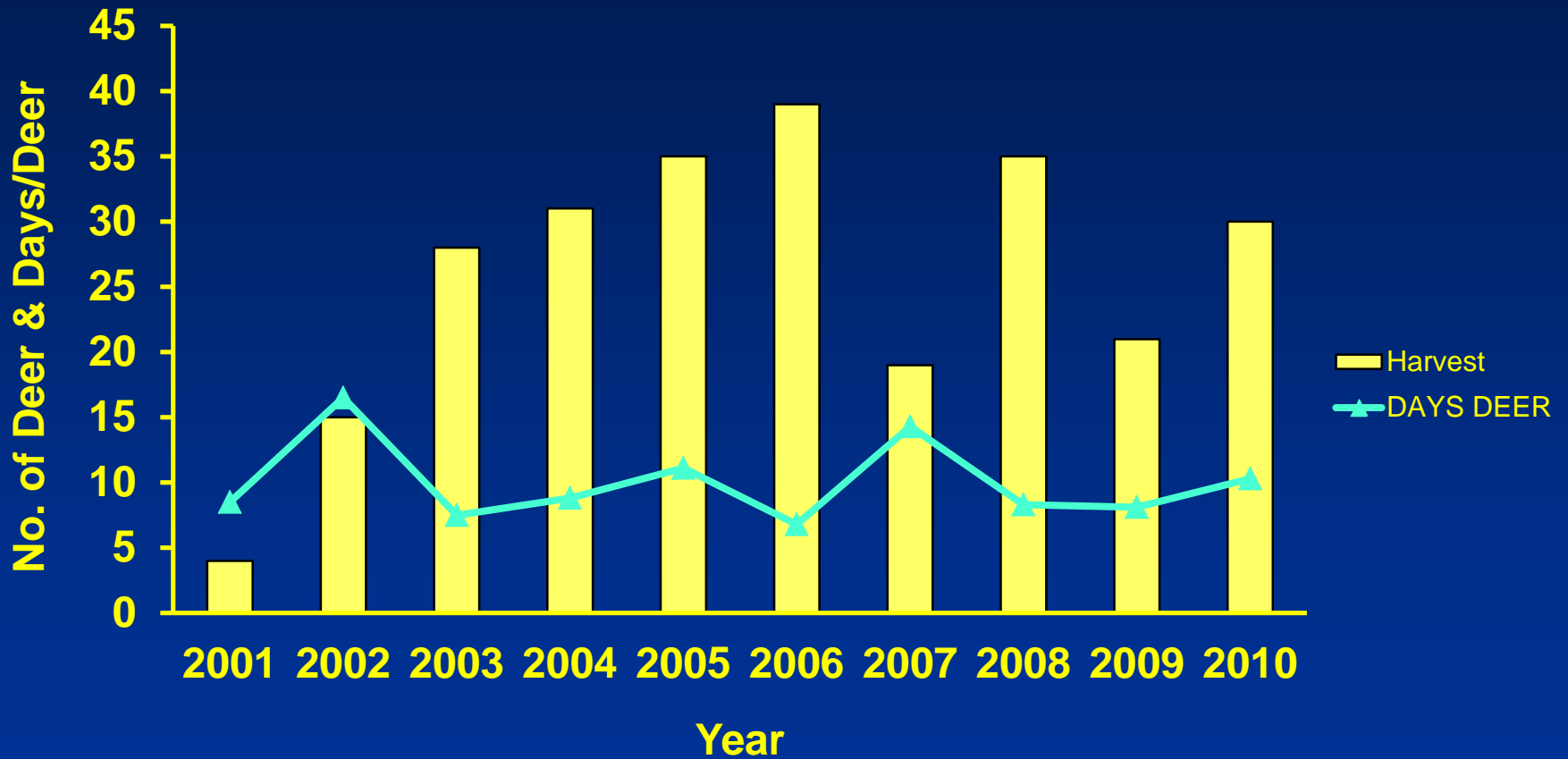


SITKA BLACK-TAILED DEER

- **Mean annual harvest: 30 (2002-2011)**
* 1 month buck only season
- **Uncommon on mainland**
- **Deep snow and predation limit deer**
- **Proposal 2**



Unit 5A Deer Harvest & Hunter Effort 2001-2010

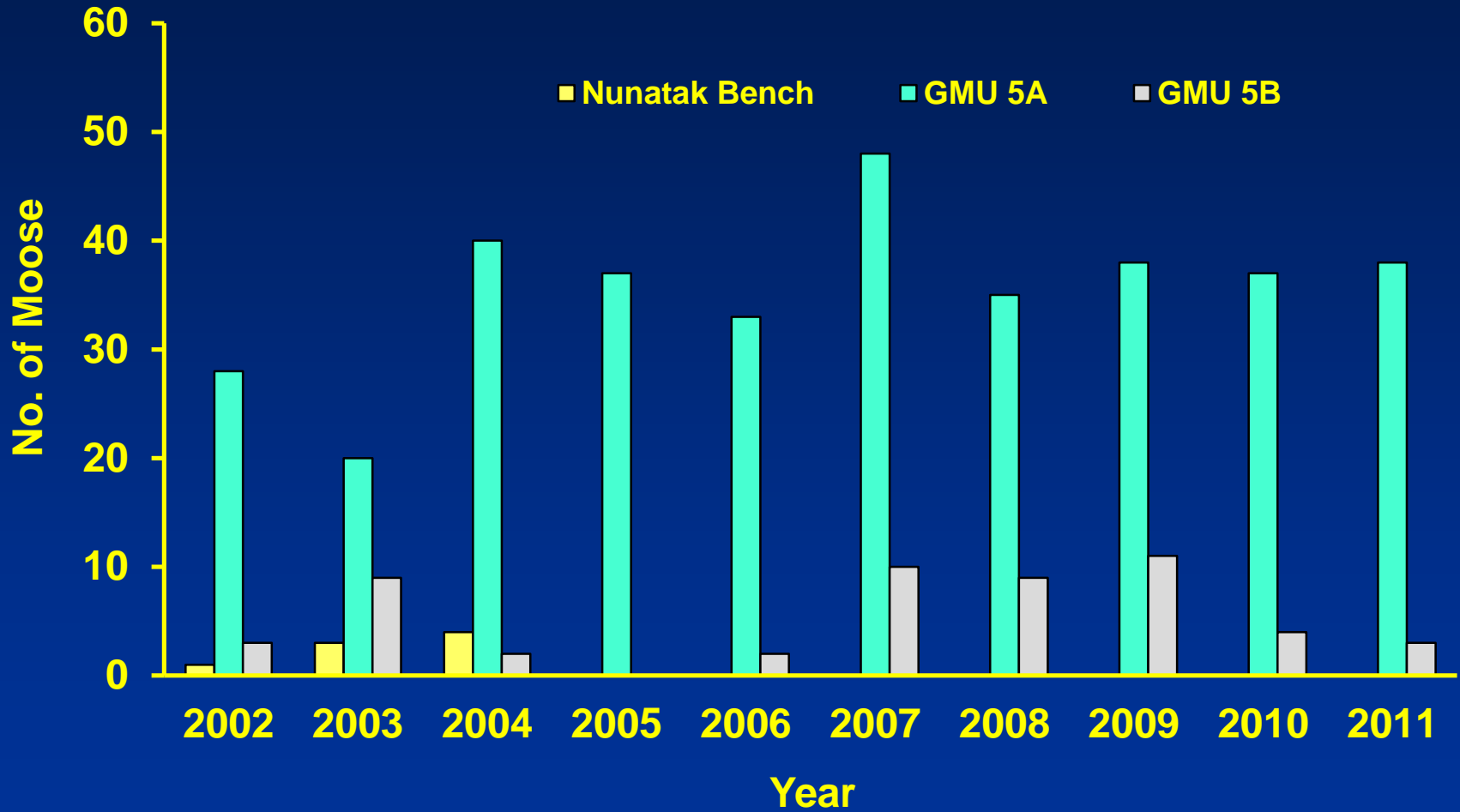


MOOSE

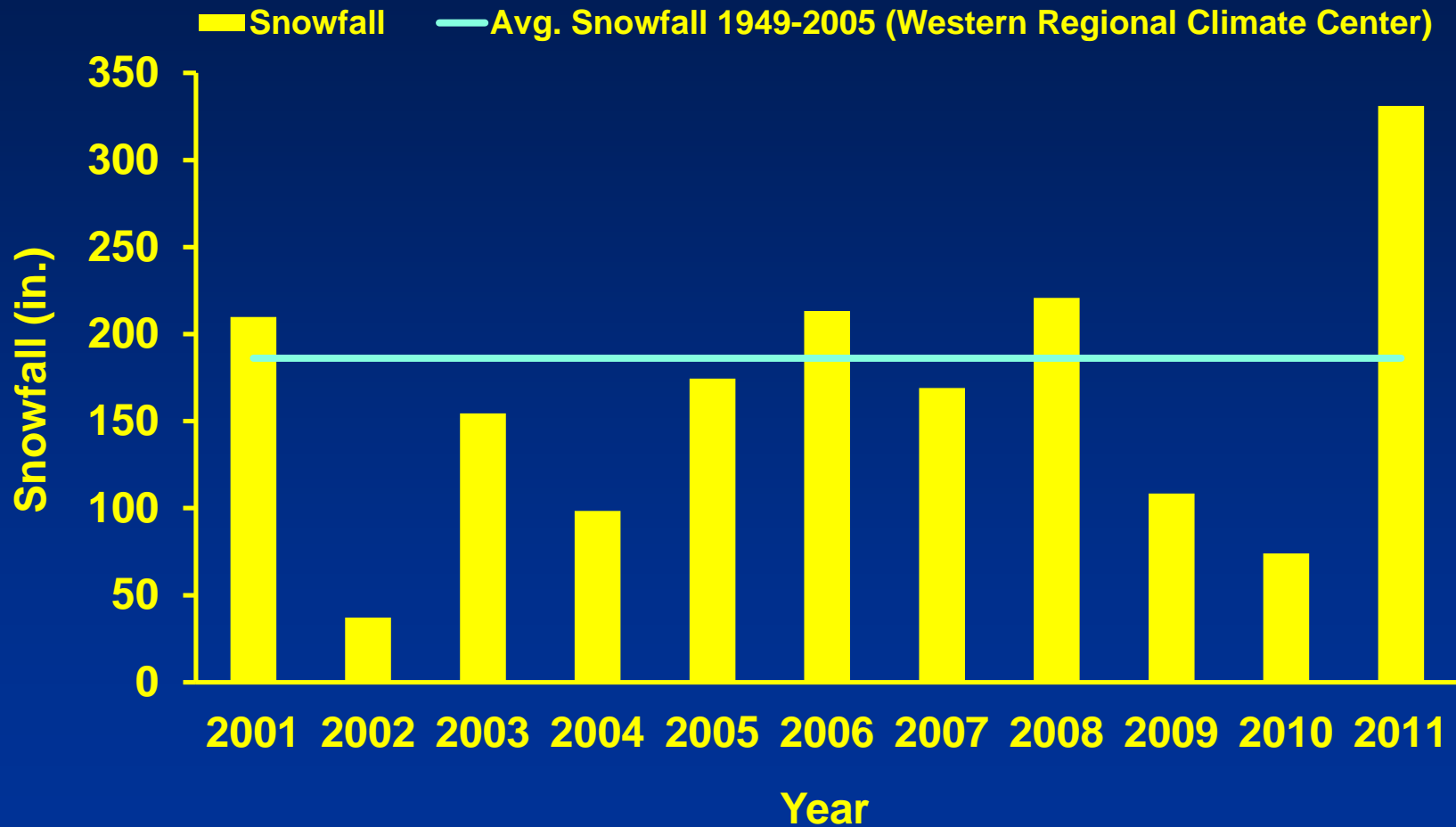
- **State and federal seasons**
- **Three registration permit hunts**
- **Mean annual harvest (2002-2011)**
 - **Yakutat Forelands: 35 (24% success)**
 - **Nunatak Bench: 2 (42% success)**
 - **Malaspina Forelands: 5 (24% success)**
- **Proposal 8**



Unit 5 Moose Harvest 2002-2011



Yakutat Airport Snowfall 2001-2011



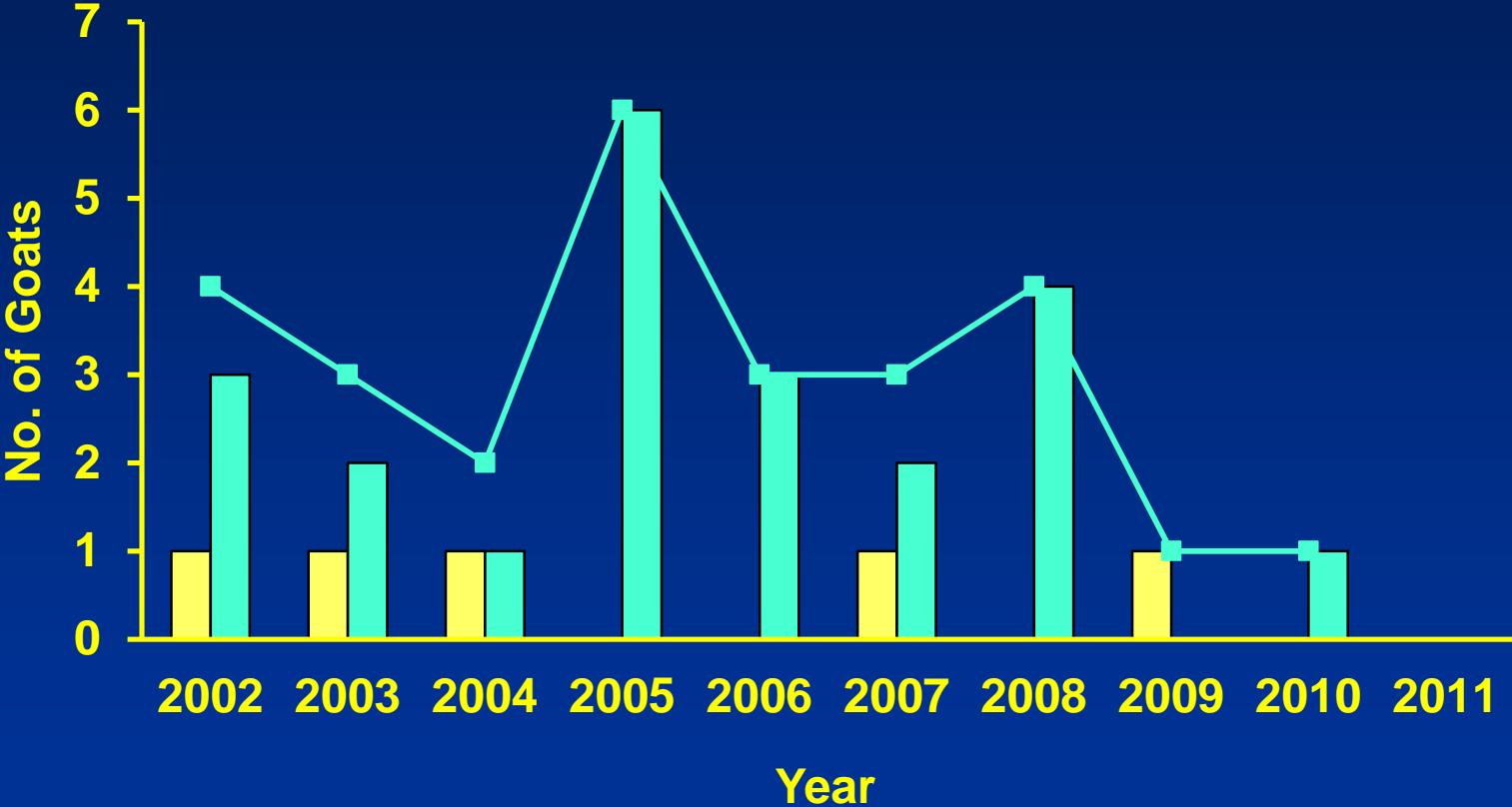
MOUNTAIN GOAT



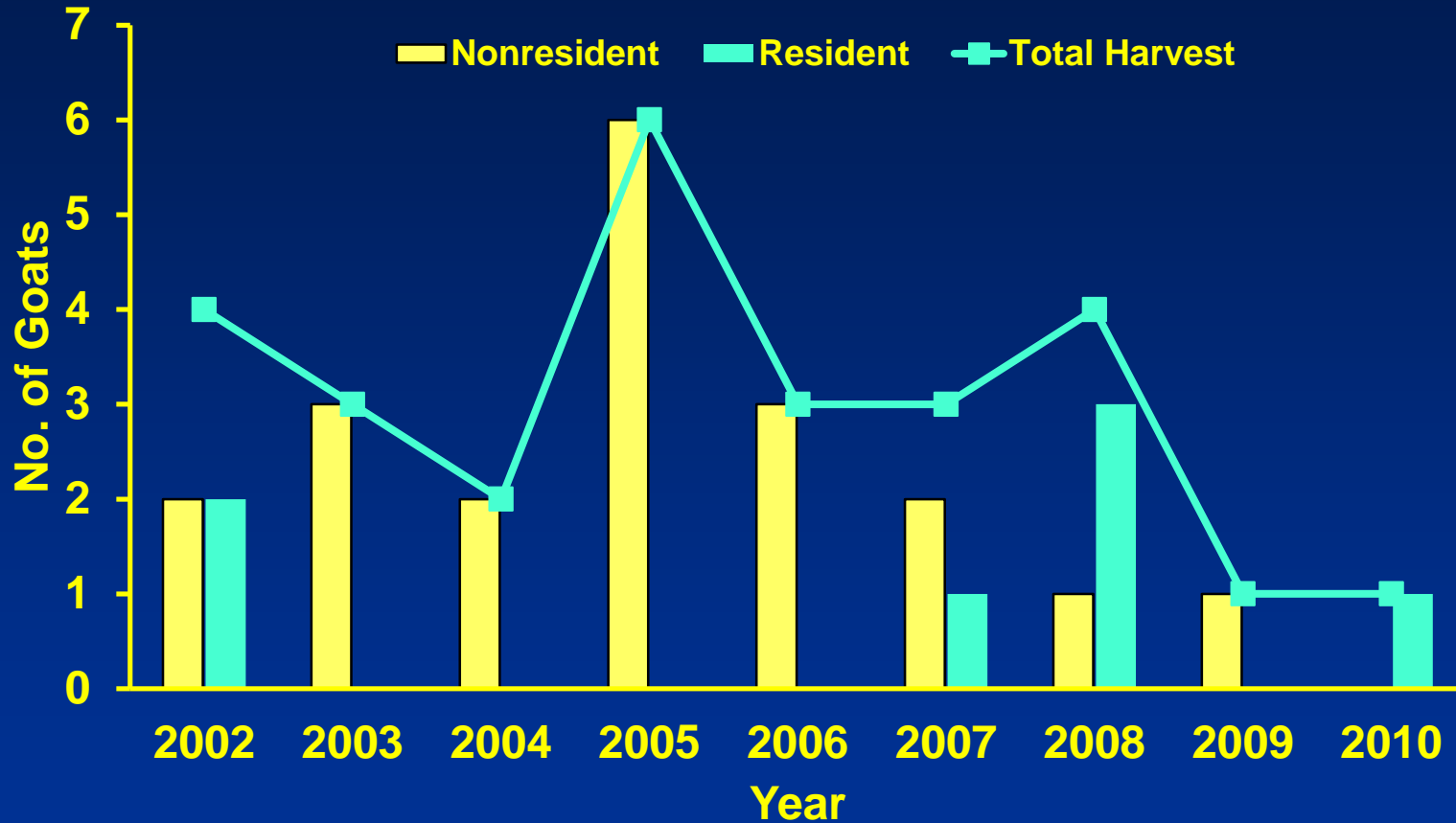
- **State and federal seasons**
- **Separate registration permits**
- **Mean annual harvest: 3 (2002-2011)**
 - 81% male goats
 - 33% success
- **Goat numbers declining in portions of unit**

Unit 5 Mountain Goat Harvest 2002-2011

Female Male Total Harvest

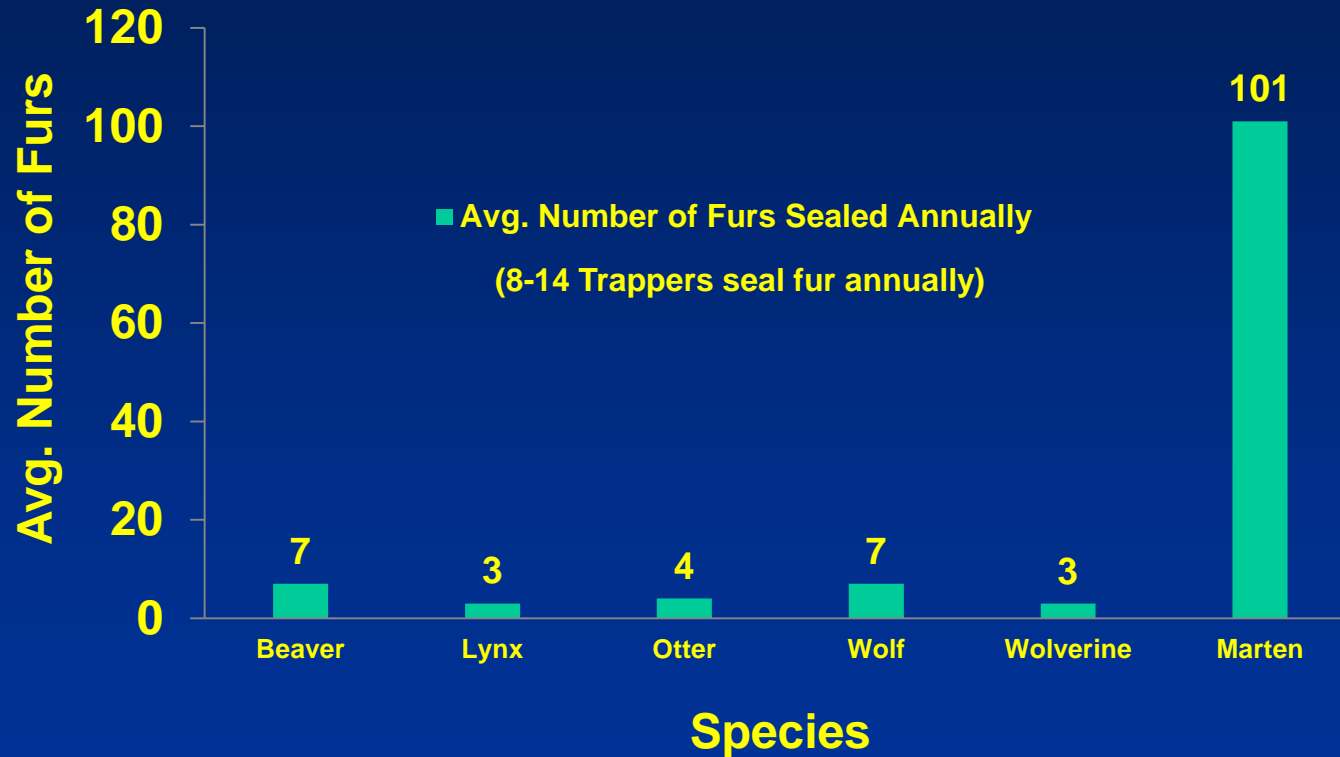


Unit 5 Mountain Goat Harvest by Residency 2002-2011



FURBEARERS

Avg. Number of Furs Sealed Annually
2002-2011



Additional Management Activities

- **Community outreach**
 - Local bear committee
 - Hunter education
- **Yakutat landfill**
- **Federal land management changes**

