



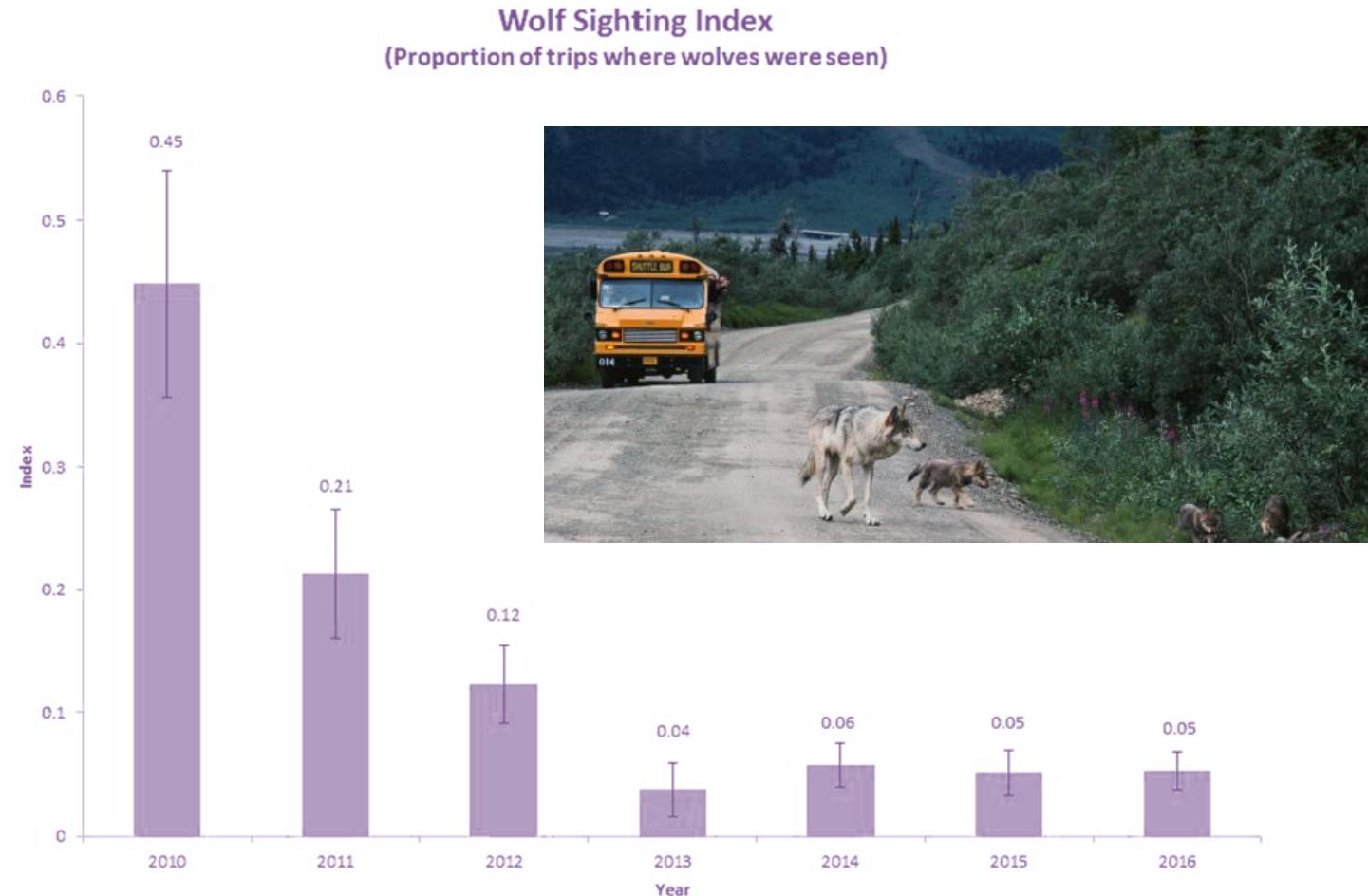
Denali Wolf Buffer

HB 105



Wolves in Denali

- Wolf sightings are a major tourist draw to the area.
- The Board of Game established a buffer zone on Denali's eastern boundary in 2000, but this was eliminated in 2010.
- In 2014, less than 6% of park visitors were able to see wolves, a decrease from 45% from 2010.
- Wolf populations in Denali have declined from 116 in spring 2006 to 50 in spring 2014.



...why is this a problem? Economics.

Source: National Park Service

The Issue

- **5 collared wolves** from Denali packs have been killed outside the park so far this winter (2017-18).
 - Riley Creek male harvested in Stampede corridor; collar destroyed
 - This wolf was commonly seen along the park road & had a role in 2017's higher viewing rate.
 - 2 wolves from Comb Pack harvested in Stampede corridor
 - 1 wolf from Eagle Creek Pack harvested in Nenana Canyon
 - 1 dispersed wolf from Iron Creek Pack harvested near Delta



Economic Benefit of Wildlife Viewing

- Total direct expenditures by wildlife viewers in the USA were \$54.9 billion in 2011.

Table 1. Summary of National Economic Impacts of Wildlife Watching: 2011

| | |
|--|-------------------|
| Wildlife Watchers | 71,776,000 |
| Total Expenditures ⁽¹⁾ | \$54,890,272,000 |
| Total Industrial Output ⁽²⁾ | \$142,147,057,177 |
| Jobs | 1,379,282 |
| Salaries and Wages | \$53,036,586,430 |
| State and Local Tax Revenues | \$10,277,128,026 |
| Federal Tax Revenues | \$10,818,805,399 |

Figure 1. Wildlife Expenditures by Major Category: 2011
(Total Expenditures: \$54.9 billion)

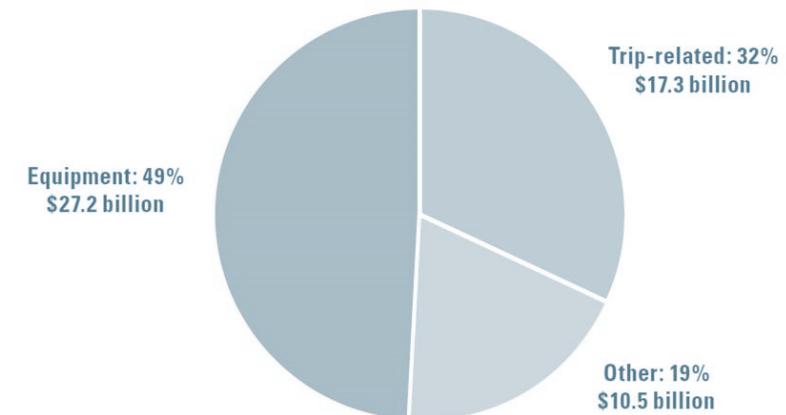
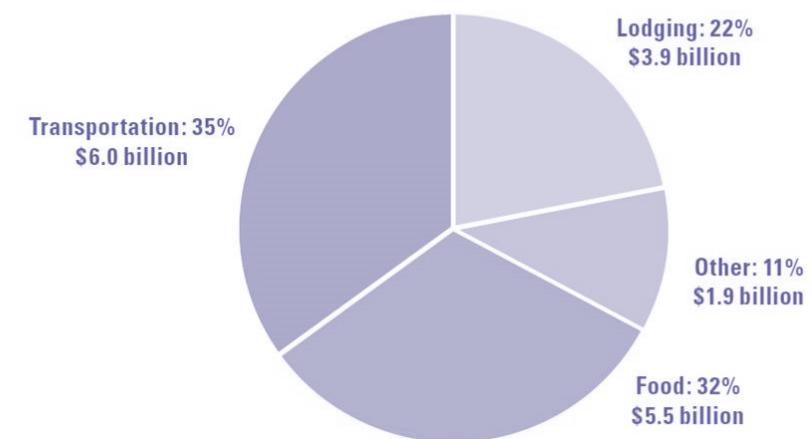


Figure 2. Trip Expenditures for Wildlife Watching: 2011
(Total Trip Expenditures: \$17.3 billion)



Source: US Fish & Wildlife Service

Table 6. Economic Impact of Wildlife Watching by State in 2011

| State | Expenditures ⁽¹⁾ | Total Multiplier Effect ⁽²⁾ | Jobs | Salaries and Wages | State and Local Tax Revenues | Federal Tax Revenues |
|-------------|-----------------------------|--|--------|--------------------|------------------------------|----------------------|
| Alabama | \$734,204,000 | \$1,337,607,738 | 18,513 | \$500,676,304 | \$103,558,967 | \$99,922,934 |
| Alaska | \$2,058,996,580 | \$3,368,780,475 | 40,493 | \$1,553,658,942 | \$311,271,218 | \$254,559,696 |
| Arizona | \$935,879,000 | \$1,596,262,256 | 18,728 | \$623,664,259 | \$133,611,118 | \$126,287,964 |
| Arkansas | \$216,073,000 | \$326,790,800 | 4,586 | \$116,418,502 | \$29,001,941 | \$23,172,913 |
| California | \$3,777,674,000 | \$7,335,913,459 | 76,941 | \$3,018,306,584 | \$647,645,341 | \$617,700,656 |
| Colorado | \$1,432,082,000 | \$2,650,114,899 | 31,157 | \$1,114,213,845 | \$228,240,368 | \$228,244,417 |
| Connecticut | \$934,703,000 | \$1,623,177,206 | 15,961 | \$654,844,506 | \$118,313,266 | \$145,270,697 |
| Delaware | \$169,787,000 | \$280,425,899 | 3,315 | \$119,052,667 | \$26,987,225 | \$23,612,521 |
| Florida | \$3,041,333,000 | \$5,423,619,174 | 60,984 | \$2,189,951,245 | \$436,326,174 | \$464,074,516 |

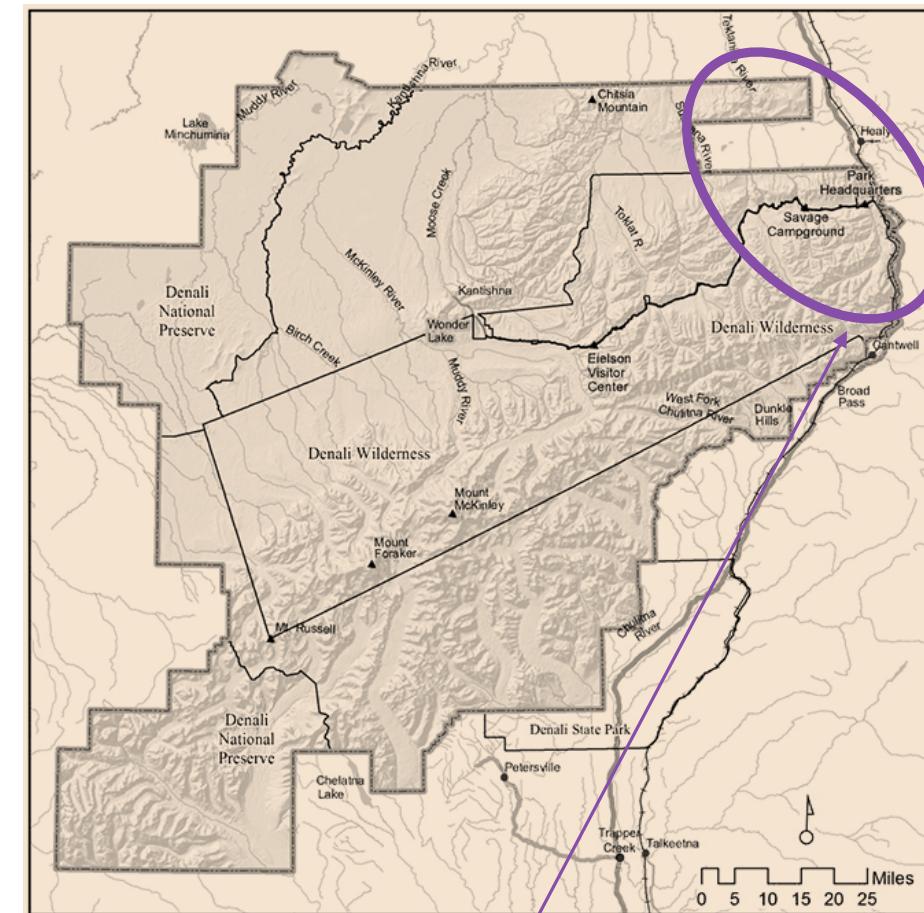
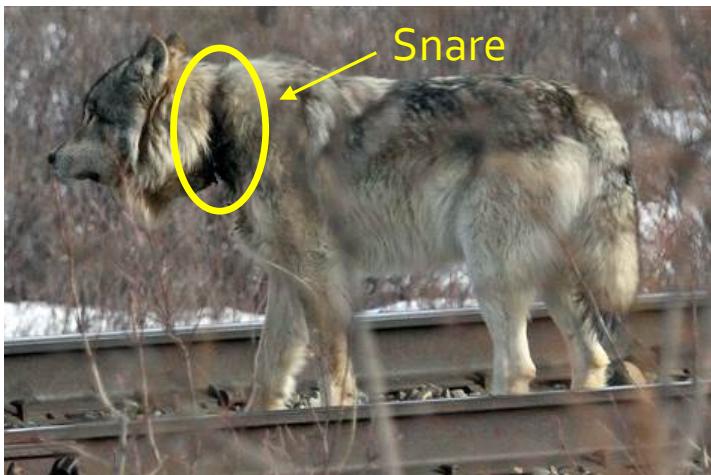
Table 4. Top Ten States Ranked by Economic Output: 2011

| Rank | State | Economic Output | Wildlife Watchers |
|------|------------|-----------------|-------------------|
| 1 | New York | \$4,151,793,000 | 4,239,000 |
| 2 | California | \$3,777,674,000 | 6,733,000 |
| 3 | Washington | \$3,173,373,000 | 2,168,000 |
| 4 | Florida | \$3,041,333,000 | 4,308,000 |
| 5 | Alaska | \$2,058,996,580 | 640,000 |
| 6 | Texas | \$1,823,759,000 | 4,376,000 |

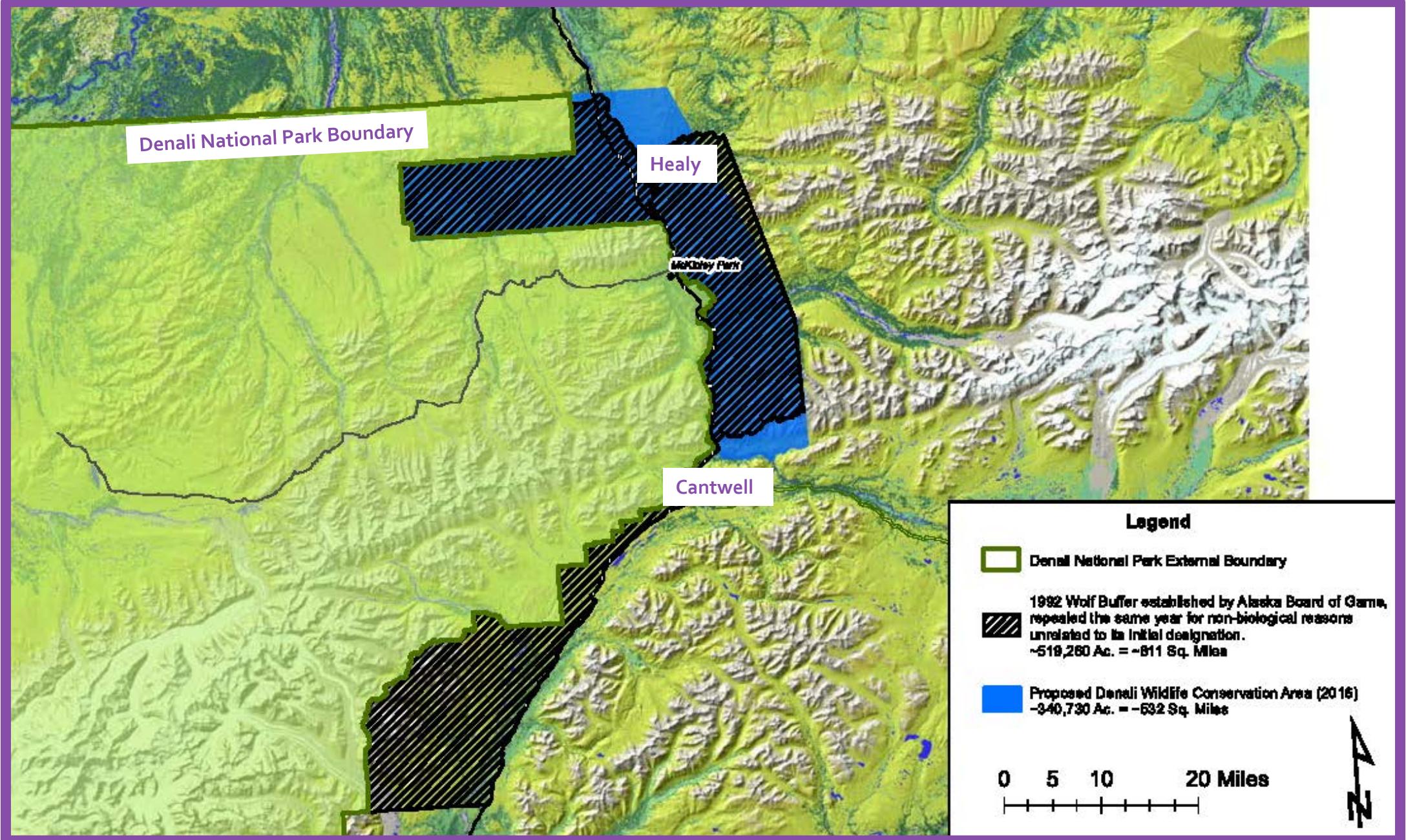
Source: US Fish & Wildlife Service

The Buffer Zone

- To protect wolves for future Alaskans & visitors, HB 105 would **prohibit wolf hunting & trapping** in two areas adjacent to Denali National Park & Preserve:
 - Wolf Townships (aka Stampede Trail)
 - Nenana Canyon



The proposed
buffer zone



Support...

1
2
3
4
5

By: Van Lawrence
Introduced: 08/25/2016
Adopted: 08/25/2016

FAIRBANKS NORTH STAR BOROUGH

RESOLUTION NO. 2016-39

A RESOLUTION URGING GOVERNOR WALKER TO CLOSE AREAS ADJACENT TO DENALI NATIONAL PARK AND PRESERVE TO THE TRAPPING AND HUNTING OF BEARS, WOLVES AND WOLVERINES

13 WHEREAS, Over a half a million annual visitors from around the world
14 come to Denali National Park and Preserve, in large part, to see the iconic wolves and
15 bears of the Park; and

17 WHEREAS, Both the Park and commercial tour companies advertise
18 Denali National Park and Preserve as the best place in the world to see wolves within
19 their natural habitat; and

21 WHEREAS, A large percentage of these visitors come to Fairbanks
22 because of our proximity to the Park; and

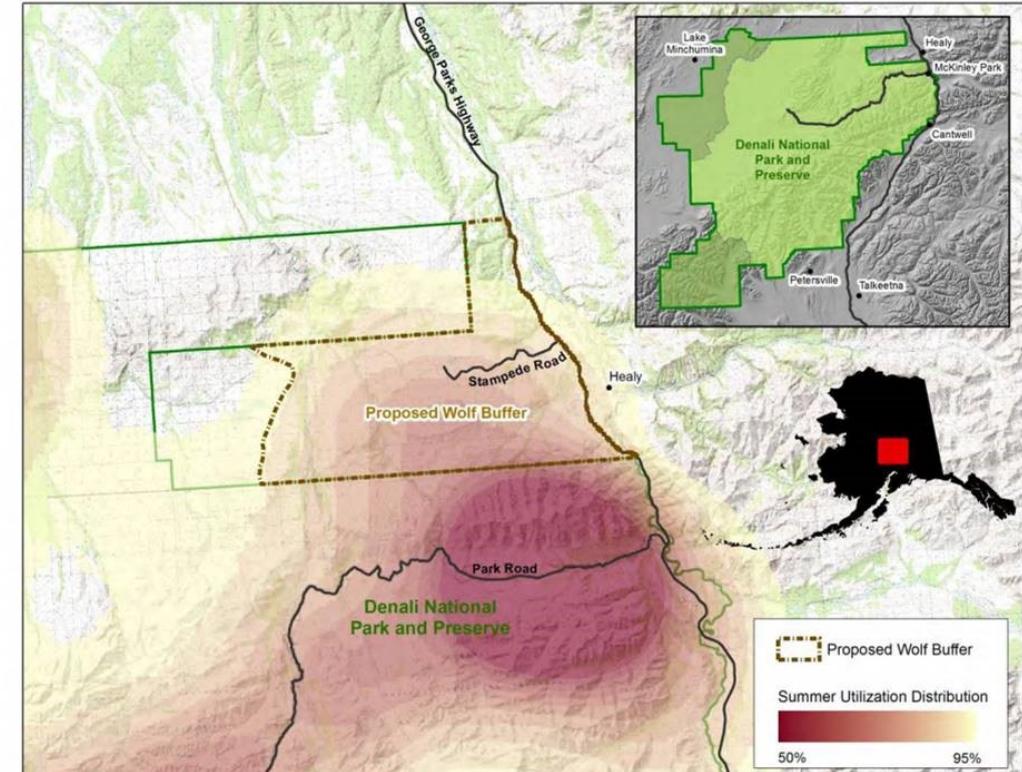
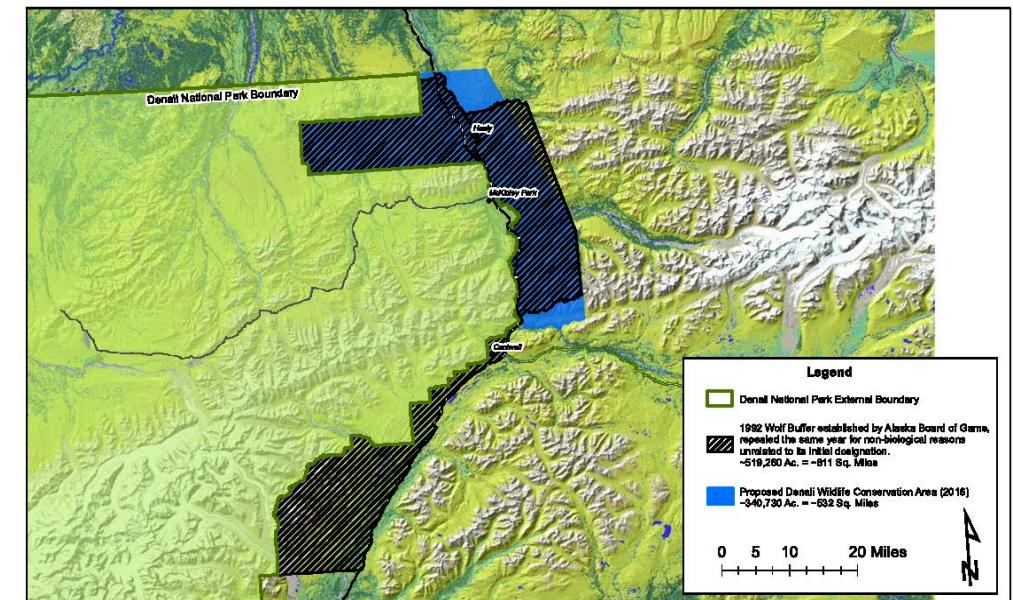


Figure 2. Density of radio collared wolf locations during May - September, 2004-2015 in the northeast corner of Denali National Park and Preserve in interior Alaska, USA.

National Park Service 2017 buffer proposal:
Prohibit taking of wolves in portion of Game Management Unit 20C, per above. Close wolf hunting from Feb 1 - Jul 31 and trapping from Feb 1 - Oct 31 .

Section 1: Adds new section to 16.05 (Fish & Game Code)

- Prohibits taking of wolves & use of certain traps & snares in specific areas adjacent to Denali National Park & Preserve.
 - A person may not take a wolf or use a cable snare with a diameter greater than $3/32$ " or a leg-hold trap with a jaw-spread greater than 5" within the boundaries described.
 - Nothing in this section may be construed to prevent the department from taking, or authorizing the taking of, wolves that present a danger to the health or safety of local residents.
 - A person who negligently violates (a) of this section is guilty of a class A misdemeanor.



Thank you.

