

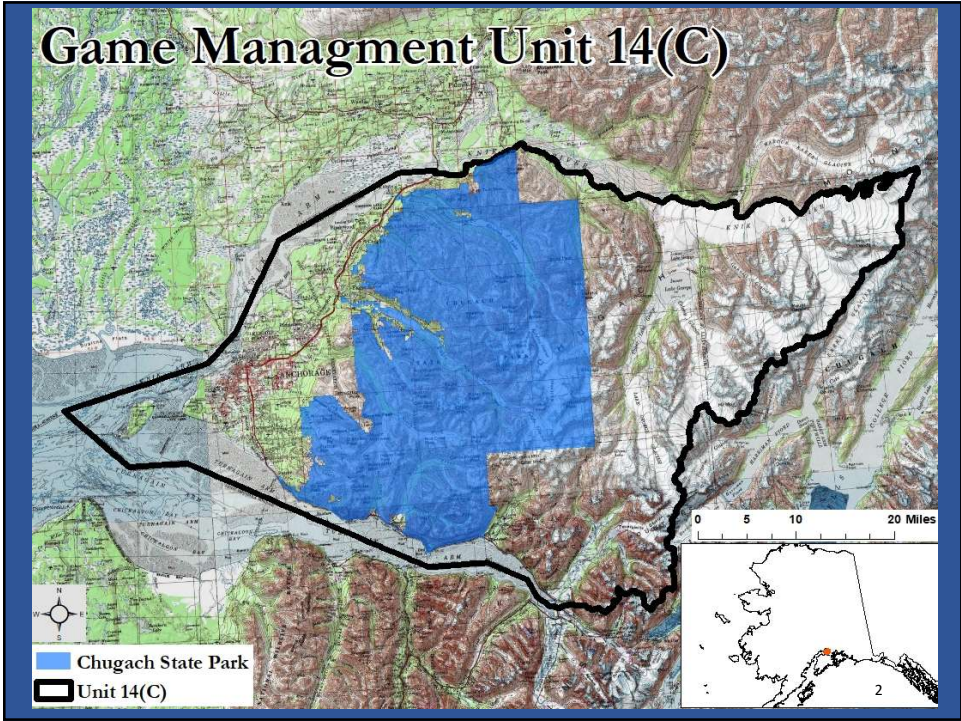


# Game Management Unit 14(C)

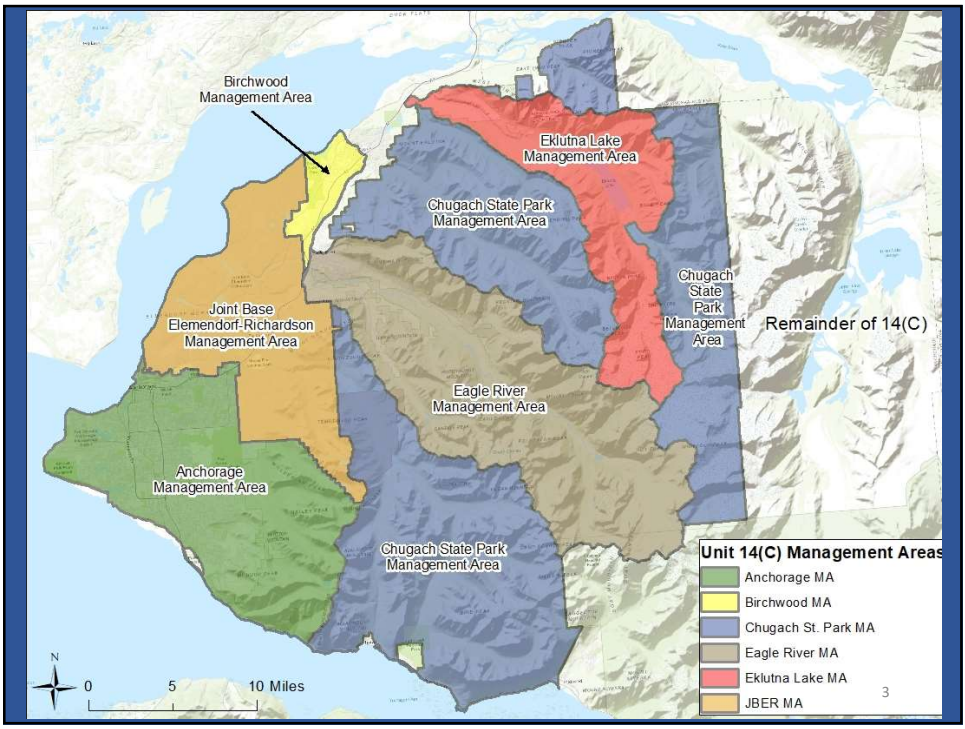
Area Biologist: David Battle  
Assistant Area Biologist: Cory Stantorf  
Regional Biologist: Tim Spivey

Information Center Staff:  
Chris Harrington (Wildlife Technician)  
Danner Shreve (Wildlife Technician)  
Erik Bollerud (Wildlife Technician)

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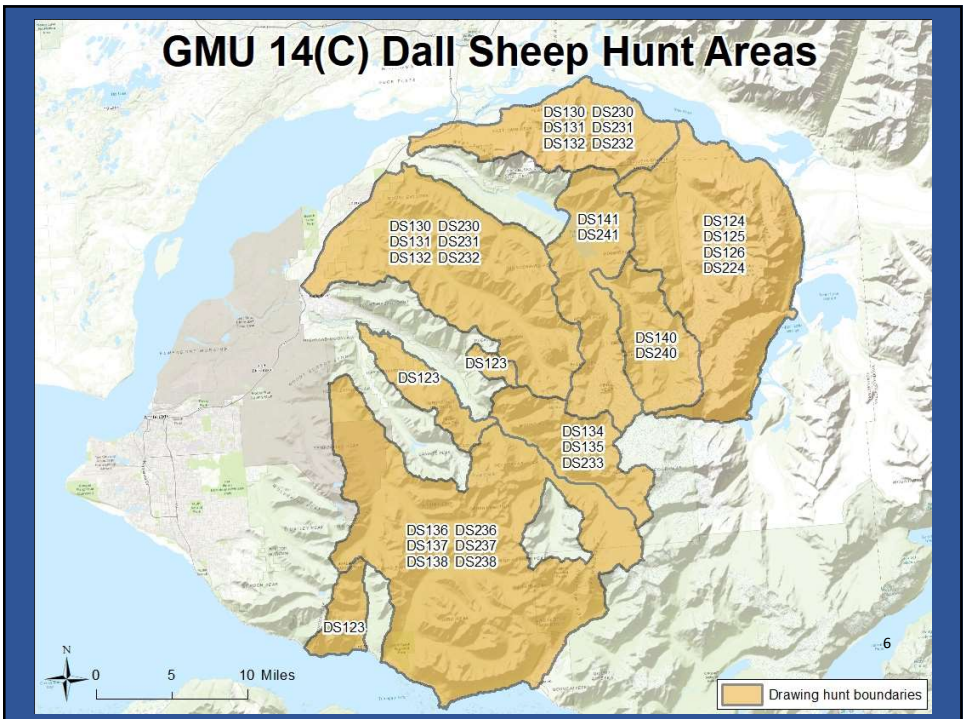
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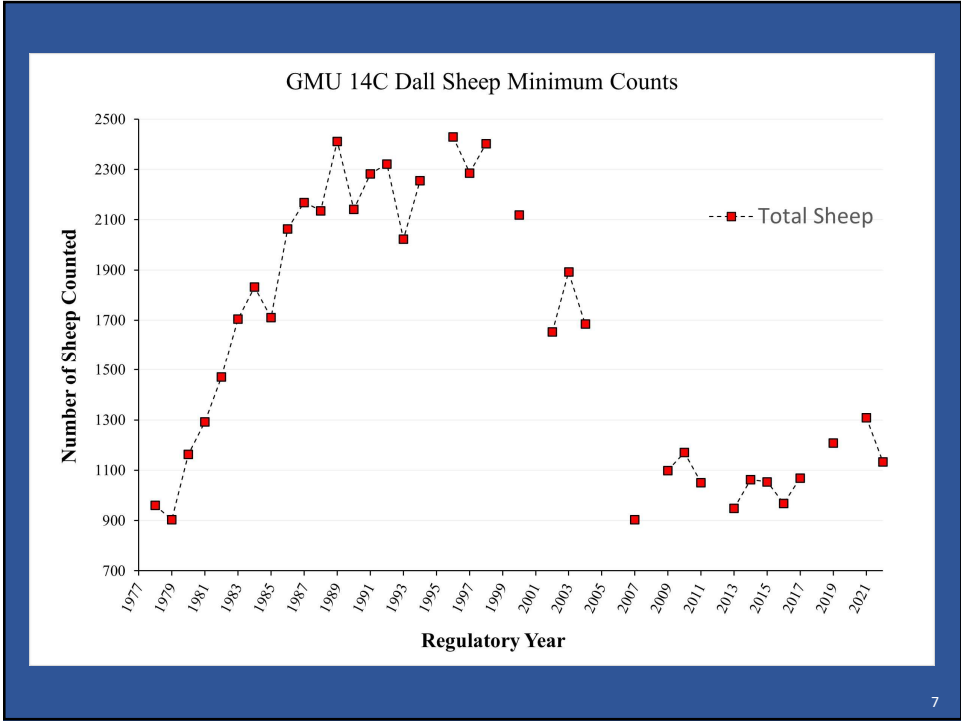
# Dall Sheep

**Status:** Minimum count of 1,133 sheep (2022)

**Harvest:** Drawing permit hunts only

- Aug. 10—Sept. 30 full curl ram only (62 Permits)
- Sept. 1—Oct. 10 one ram by archery only (85 Permits)
- Both resident and nonresident hunts
- Harvest over past 5 years has averaged 22 sheep per year





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## Dall Sheep

**Management Activities:**

- Conduct annual aerial surveys
- Last complete survey conducted in 2022

**Issues:**

- Difficulty determining carrying capacity
- Low pregnancy rates and poor body condition suggest nutritional issue driven by weather, climate, and/or habitat

**Proposals: 82, 83, 84, 208**

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**Mountain Goats**

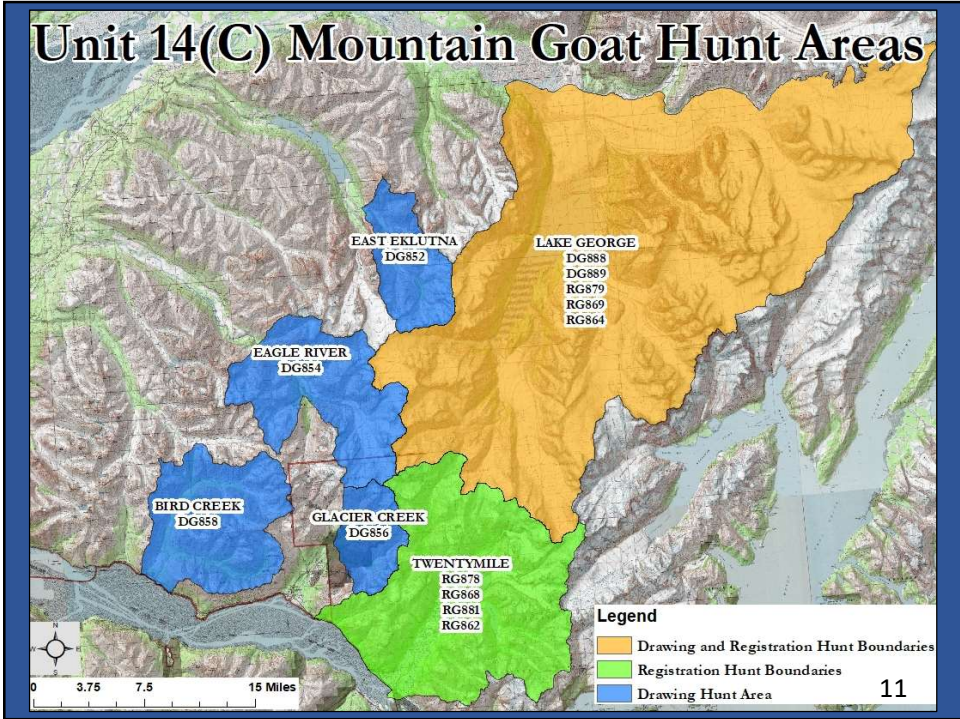
**Status:** 877 goats (minimum count—last complete survey 2015)  
Lake George- 360 goats (minimum count- last completed 2019)

**Harvest:**

- 6 Drawing permit hunts
- 7 Registration permit hunts
- Average harvest of 27 goats annually (~73% males)

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## Mountain Goats

**Management Activities:**

- Aerial surveys (*last complete survey in 2015*)
- Lake George hunt area surveyed in 2019

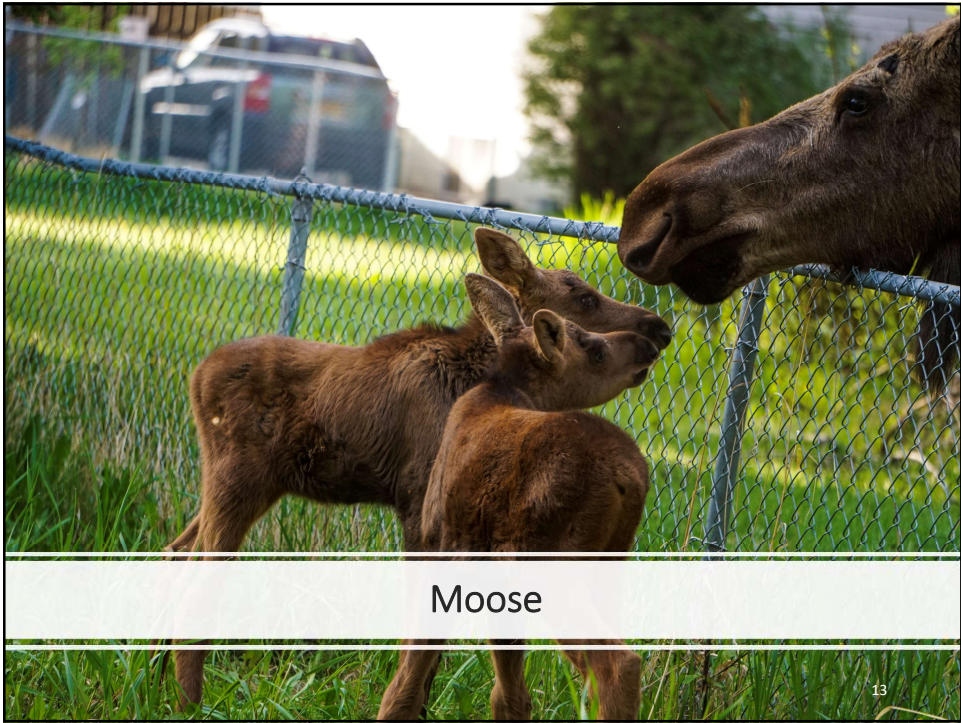
**Issues:**

- Increased human activities (e.g., helicopter assisted recreational activities)

**Proposals: 85**

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**Moose**

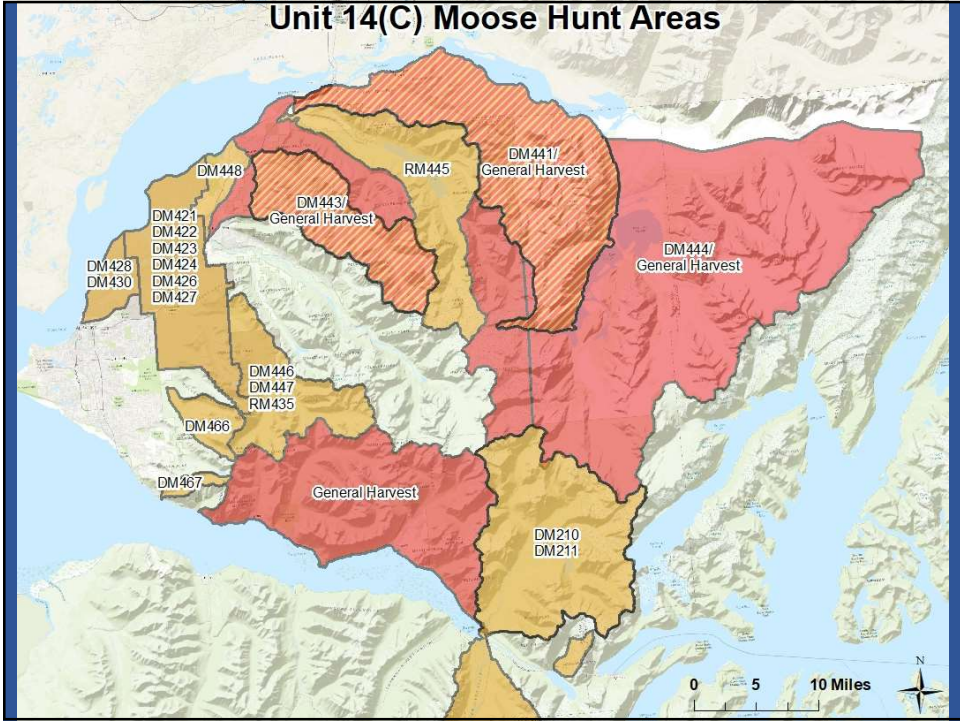
**Status:** Population appears stable; 2021 Composition Counts found numbers in individual drainages comparable to previous surveys

**Harvest:**

- 15 Drawing permit hunts
- 2 Registration permit hunts
- General Harvest
- Average harvest of 115 moose/year

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**Moose**

**Management Activities:**

- Annual composition counts
- Annual census on JBER and upper Ship Creek drainage
- Urban moose management

**Issues:**

- Moose-vehicle collisions
- Moose-train collisions
- Conflicts with residents
- Habitat fragmentation and destruction

**Proposals: 86-89, 203**

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**Brown Bears**

**Status:** Population appears stable

**Harvest:**

- Drawing permit and general harvest
- ~2.6 bears/year (5-year average RY17—RY21)

**Other Human-Caused Mortality:**

- 6 Agency kills, DLPs and roadkills/year (5-year average RY17—RY21)

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Unit 14(C) Brown bear mortality RY 2017 – 2021

RY	Hunter Kills	Roadkills	DLPs	Agency Kills
2017	6	0	0	7
2018	4*	1	3	6
2019	3	0	1	0
2020	4	1	1	4
2021	3	2	4	0

\*Includes one illegal kill

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**Brown Bears**

**Management Activities:**

- Monitoring of brown bears for public safety

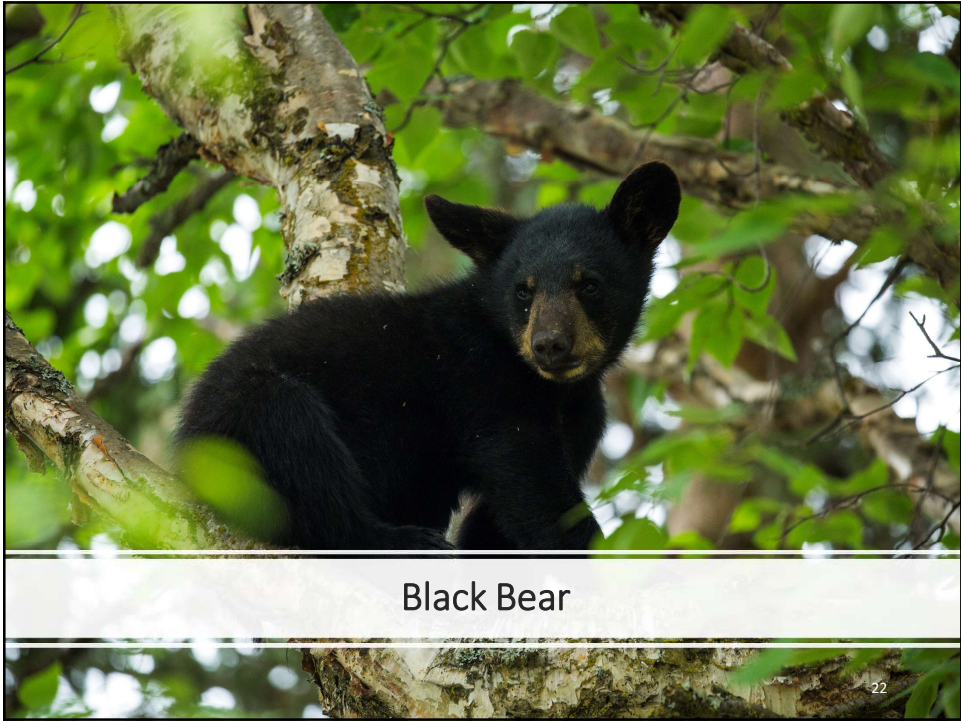
**Issues:**

- Human/bear conflicts
- Improper trash storage
- Urban livestock
- Moose calves and spawning salmon in neighborhoods and city parks

**Proposals: 97-102**

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# Black Bears

Status: Population appears stable

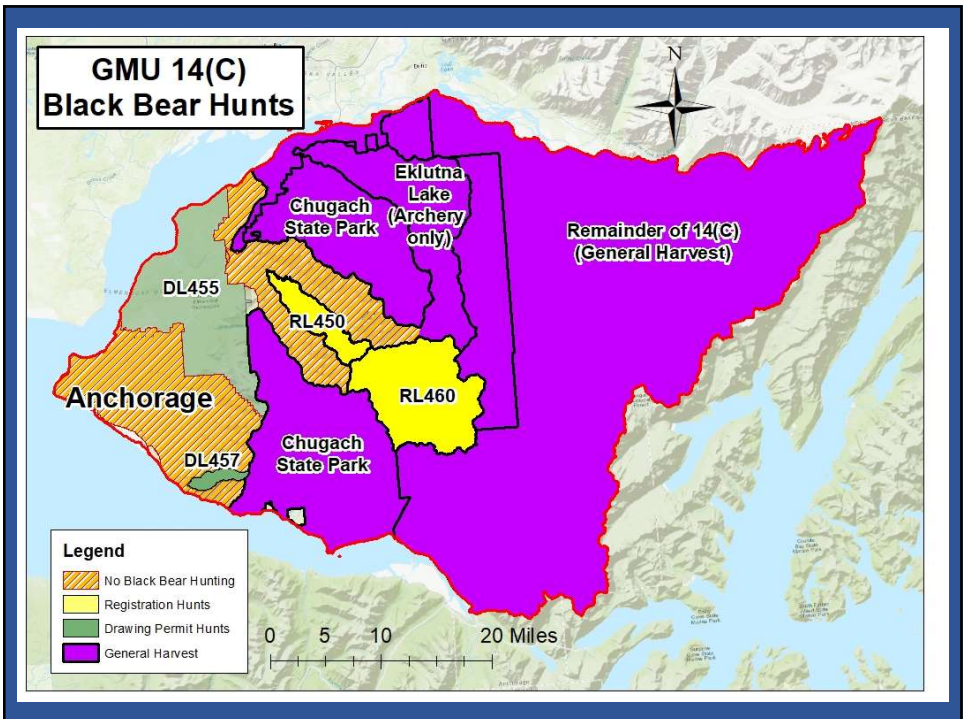
Harvest:

- Registration, draw, and general season hunts
- 56 bears/year (5-year average RY17—RY21)

Other Human-Caused Mortality:

- 25 Agency kills, DLPs and roadkills/year (5-year average RY17—RY21)

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Unit 14(C) Black bear mortality RY 2017 – 2021

RY	Hunter Kills	Roadkills	DLPs	Agency Kills
2017	35	4	12	10
2018	40	4	11	15
2019	71	3	2	3
2020	80	4	9	17
2021	55	4	4	13

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## Black Bears

**Management Activities:**

- Monitoring black bears for public safety

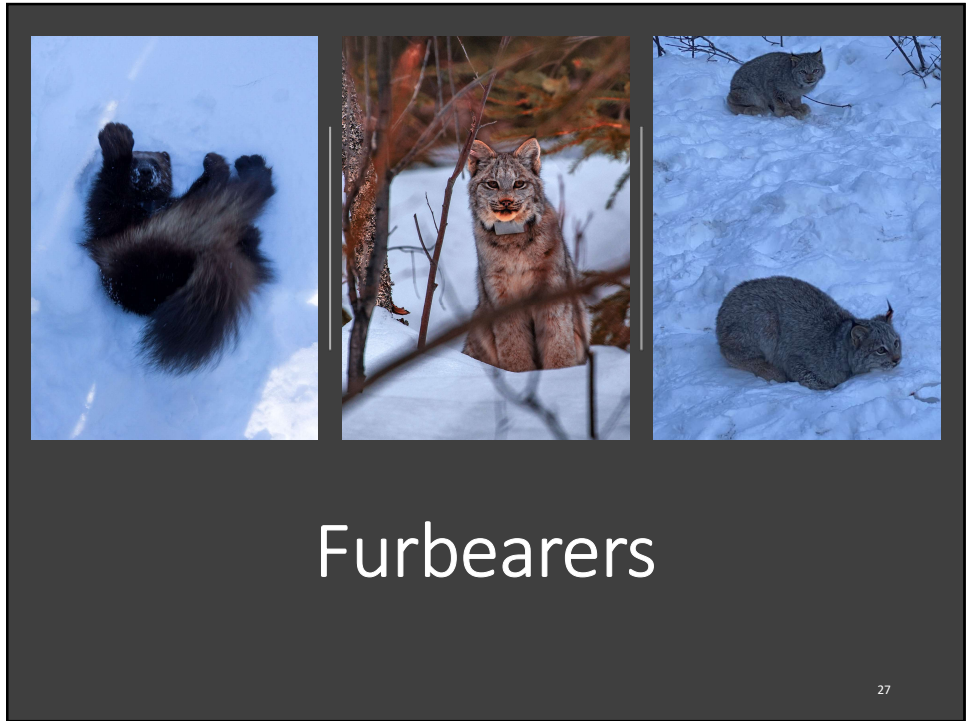
**Issues:**

- Human/bear conflicts
- Improper trash storage
- Birdfeeders
- Urban livestock
- Moose calves and spawning salmon in neighborhoods and city parks

**Proposals: 90-96,103**

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**Furbearers**

**Status:** All species thought to be stable

**Harvest (RY17—RY21):**  
5-25 beavers, 0 wolves, 0—47 marten,  
0—4 wolverines, 0—4 river otters, 0-18 lynx

**Management Activities:**

- Fur sealing
- Beaver damage to private property

**Issues:**

- Urban beavers
- Illegal trapping in urban areas and parks

**Proposals: 104**

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### Furbearer Harvest

RY	Beaver	Marten	Wolverine	Otter	Lynx
2017	15	47	3	0	0
2018	5	6	4	4	5
2019	16	0	0	0	4
2020	13	16	2	1	18
2021	25	1	3	4	9

### Wolf Harvest

There has been no wolf harvest in Unit 14(C) from RY13—RY21.

In 2016, a wolf was struck and killed by a vehicle. In addition, in 2022 one was killed by a train.





**Research Projects**

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### Anchorage Biopsy Project- Results & Conclusions

- 2018 – 2021 Surveys:
  - Public Participation averaged > 800 reports over 3-day survey with online reporting and texting accounting for > 75% of reports
- During the survey, teams were able to interact with hundreds of residents while trying to sample moose in Anchorage

Two photographs are included. The top photo shows a person in a winter jacket and hat aiming a rifle in a snowy, wooded area. The bottom photo shows a brown moose standing in a snowy field next to a wooden building and a blue water tank.

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**Conclusions**

- We estimated ~310 moose in Anchorage during winter
- The density estimate of ~ 4 moose/mi<sup>2</sup> is on the high side for Alaska, however, it is unknown if numbers remain high throughout the year
- The Anchorage Bowl is some of the best winter habitat within GMU 14(C) due to abundance of browse, plowed roads, numerous trails, and ornamental plants

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**Dall Sheep**



- Research on causes of adult mortality, habitat, nutrition, and effects of snow pack is ongoing

**Mountain Goat (2022-Present)**

- Basic life history traits, identify critical winter and summer habitat, and movement

**Furbearer (2019-Present)**

- Basic life history traits of lynx, wolverine, and wolf

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## Wildlife "Saves"

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## Public Outreach

- Speak at local schools
- Coordinate the Anchorage Bear Committee
- Give presentations at Community Council meetings
- Conduct a variety of wildlife safety presentations

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## Public Outreach

- News interviews on wildlife safety, as well as specific projects and incidents
- Give presentation to Anchorage Police Department shifts and APD Academy on responding to wildlife calls
- Use the Nextdoor app in order to disseminate safety information in specific neighborhoods in a timely fashion

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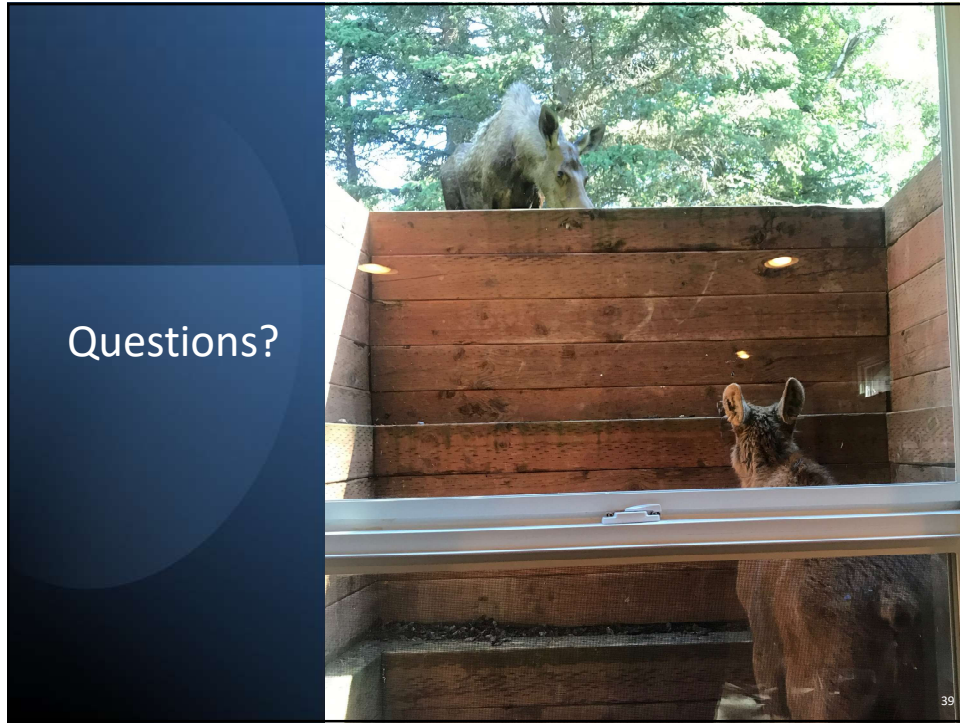
## Public Outreach

- Biologists and Education Specialists canvass neighborhoods in problem areas, talk to residents, and distribute wildlife safety information
- Developed online tool for reporting wildlife conflicts



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