

# An Overview of Subsistence Research in Region V

An Oral Report to the Board of Game

Nome, January 2020

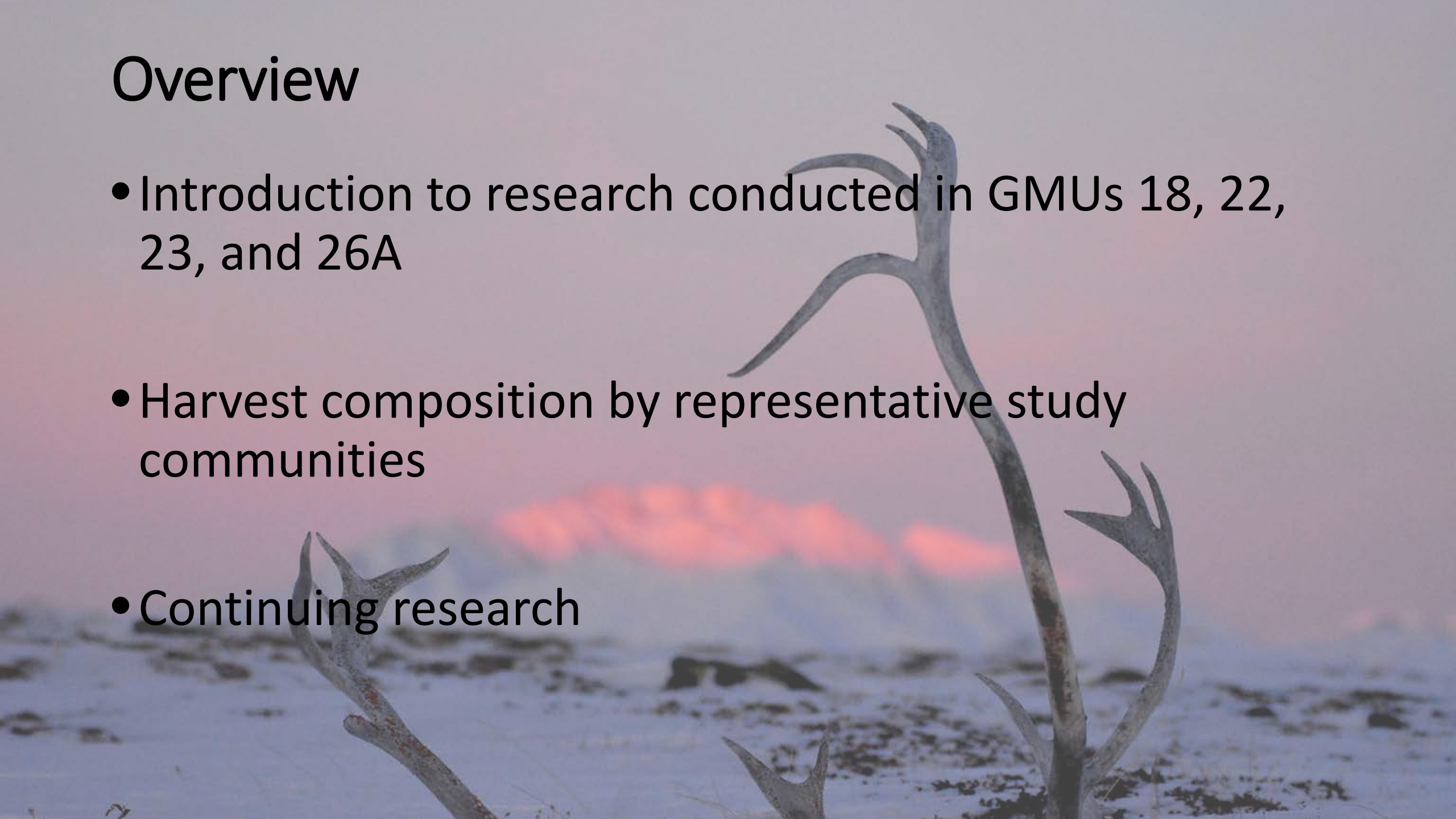
RC 4 Tab 1.3

Beth Mikow and David Runfola

ADF&G, Subsistence

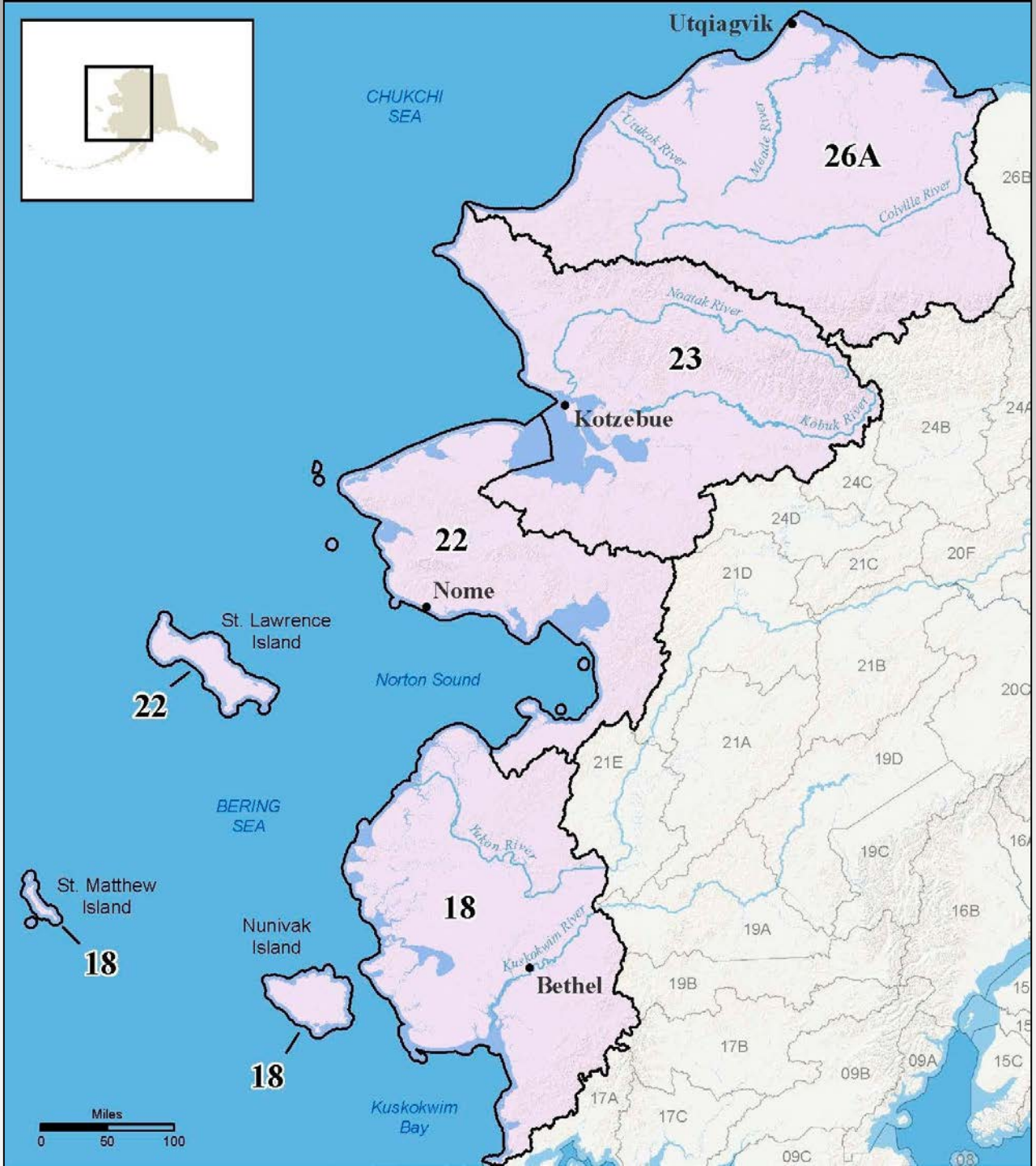
# Overview

- Introduction to research conducted in GMUs 18, 22, 23, and 26A
- Harvest composition by representative study communities
- Continuing research



# Introduction to Region V

- 4 Game Management Units (18, 22, 23, and 26A)
- Encompasses over 75 communities, including hub communities of Bethel, Nome, Kotzebue, and Utqiagvik
- Geographic area from Kuskokwim Bay in the south to the North Slope of Alaska to the north





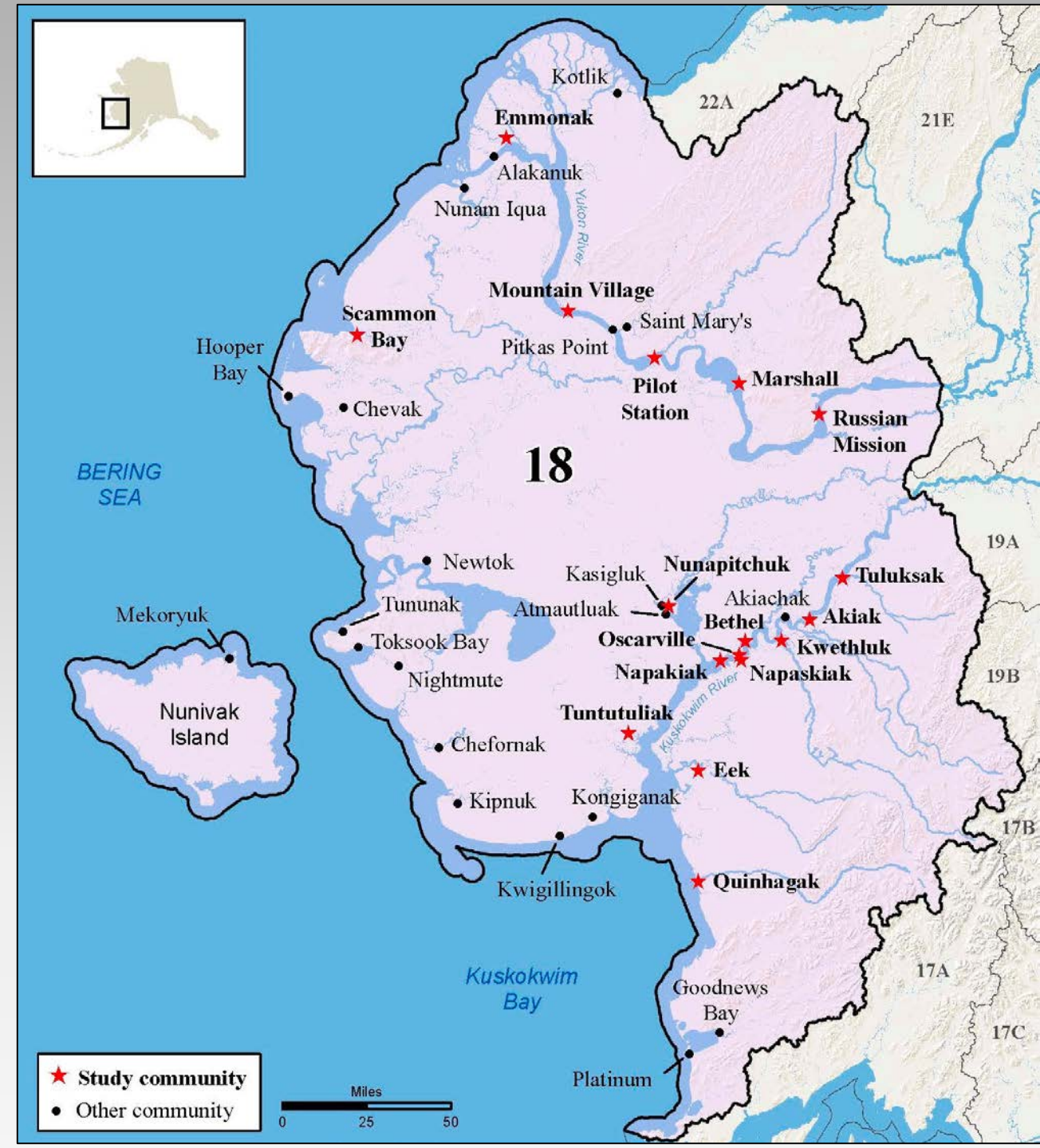
# Subsistence Research



- Community baseline studies (focus on one year)
- Local and Traditional Knowledge
- Harvest monitoring (multi-year)

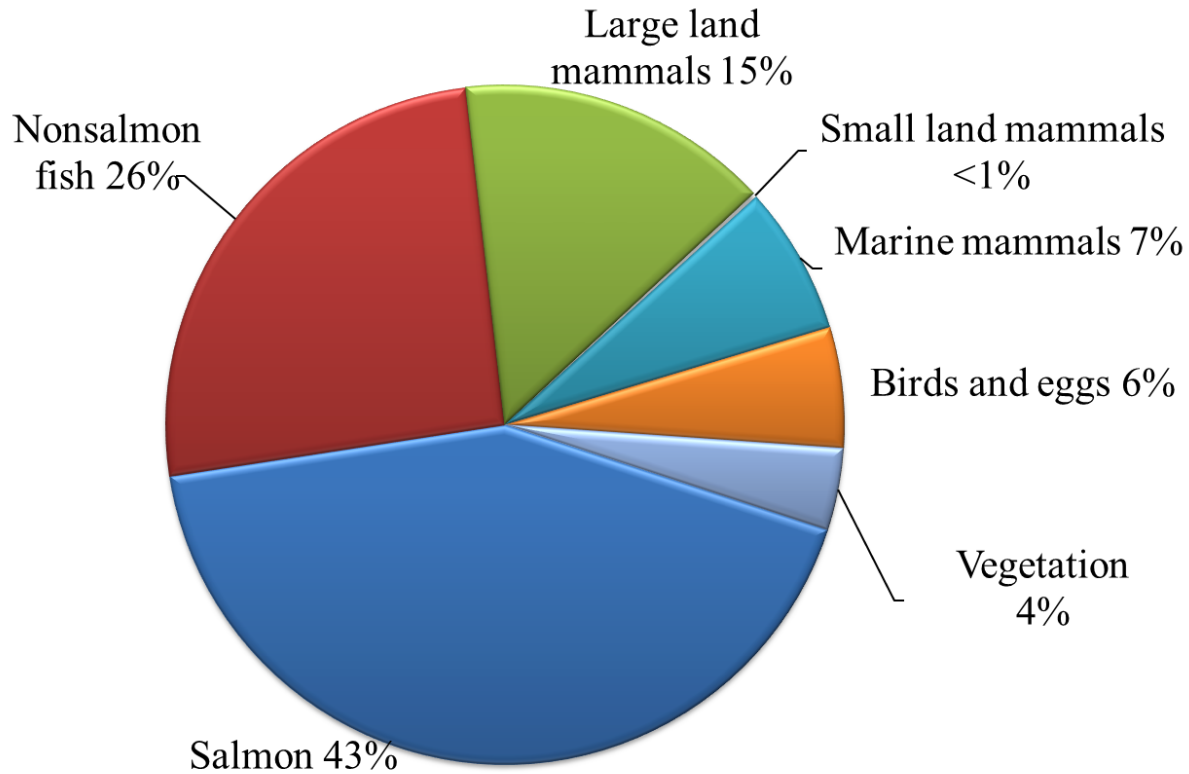
# Unit 18

- **35** communities
- Estimated population in 2018: 24,700 people
- Harvest survey data (comprehensive and big game) collected in **17** communities from 2009-2013

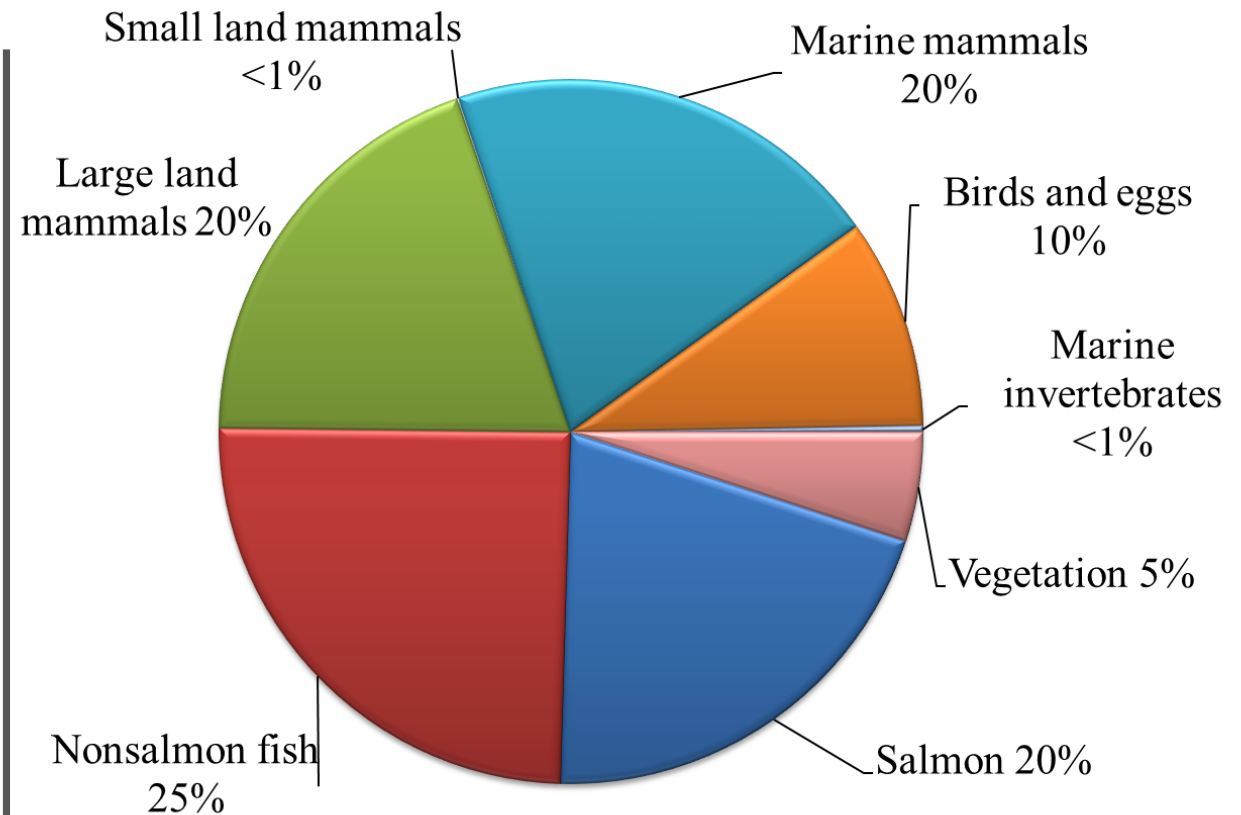




# Harvest Composition Unit 18



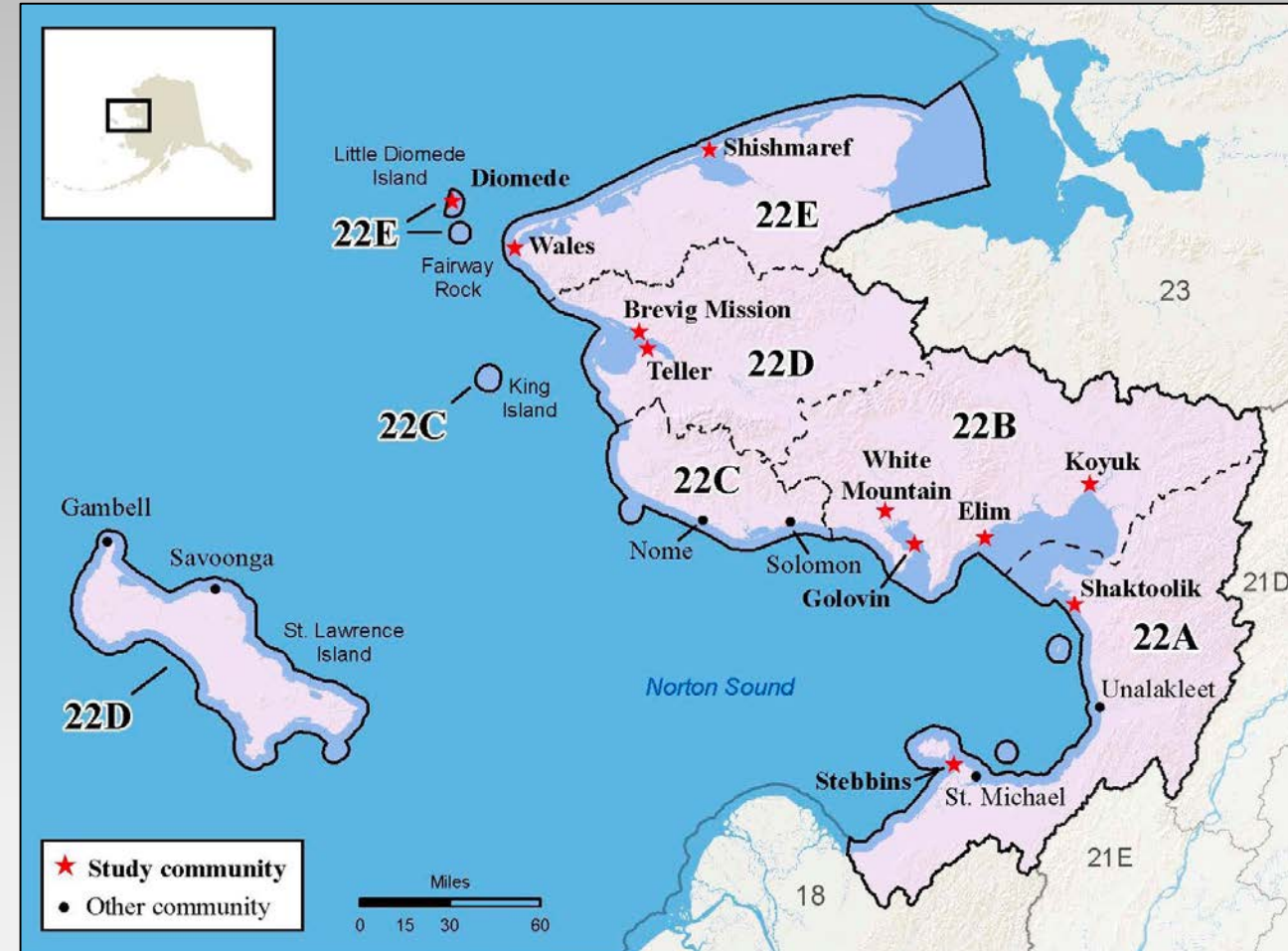
Napaskiak 2011



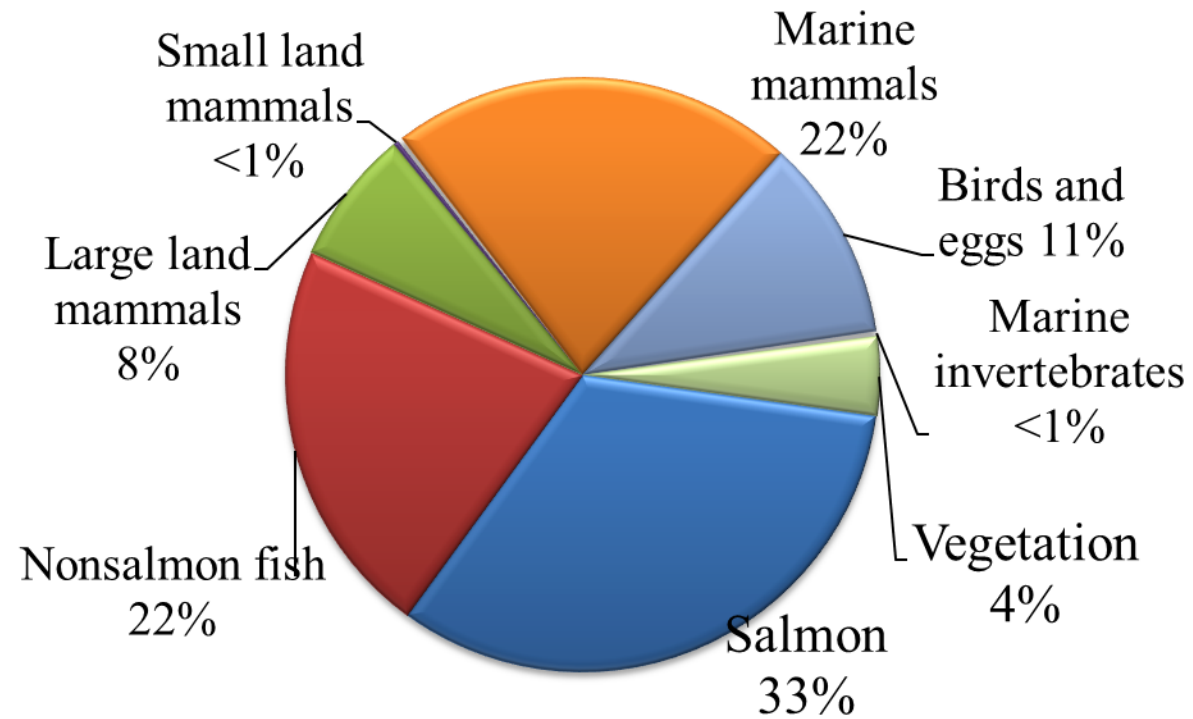
Scammon Bay 2013

# Unit 22

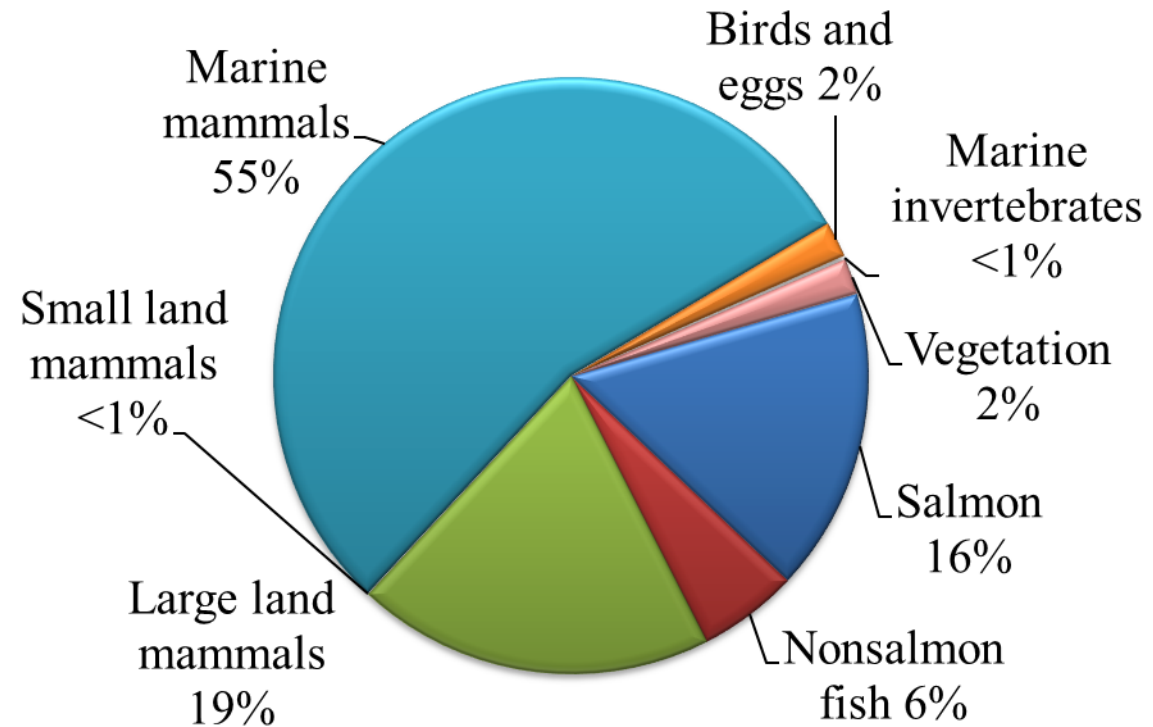
- **17** communities
- Estimated population in 2018: 9,988 people
- Harvest survey data (comprehensive or big game) collected in **11** communities from 2009-2019



# Harvest Composition Unit 22



Stebbins 2013

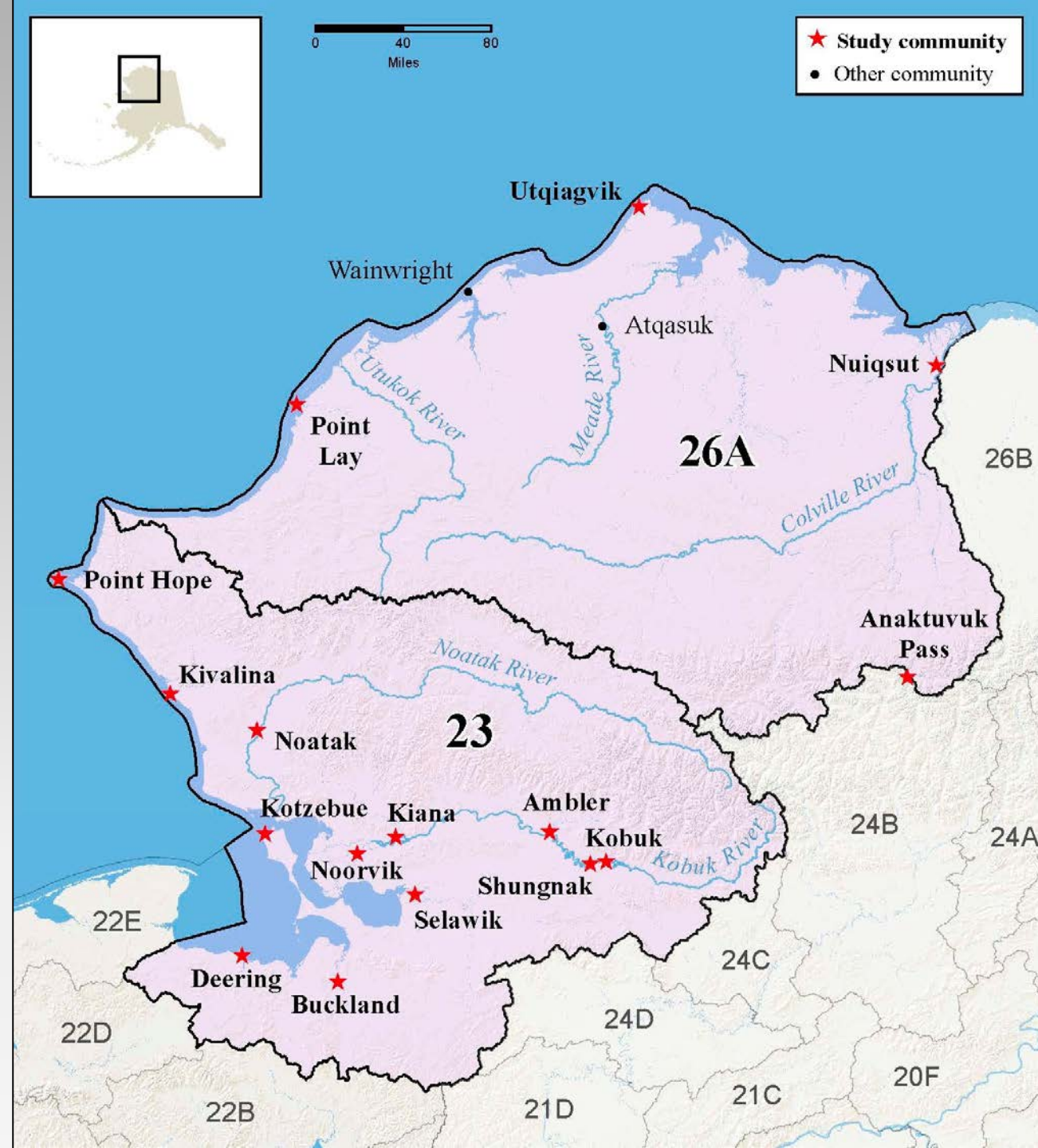


Shishmaref 2014

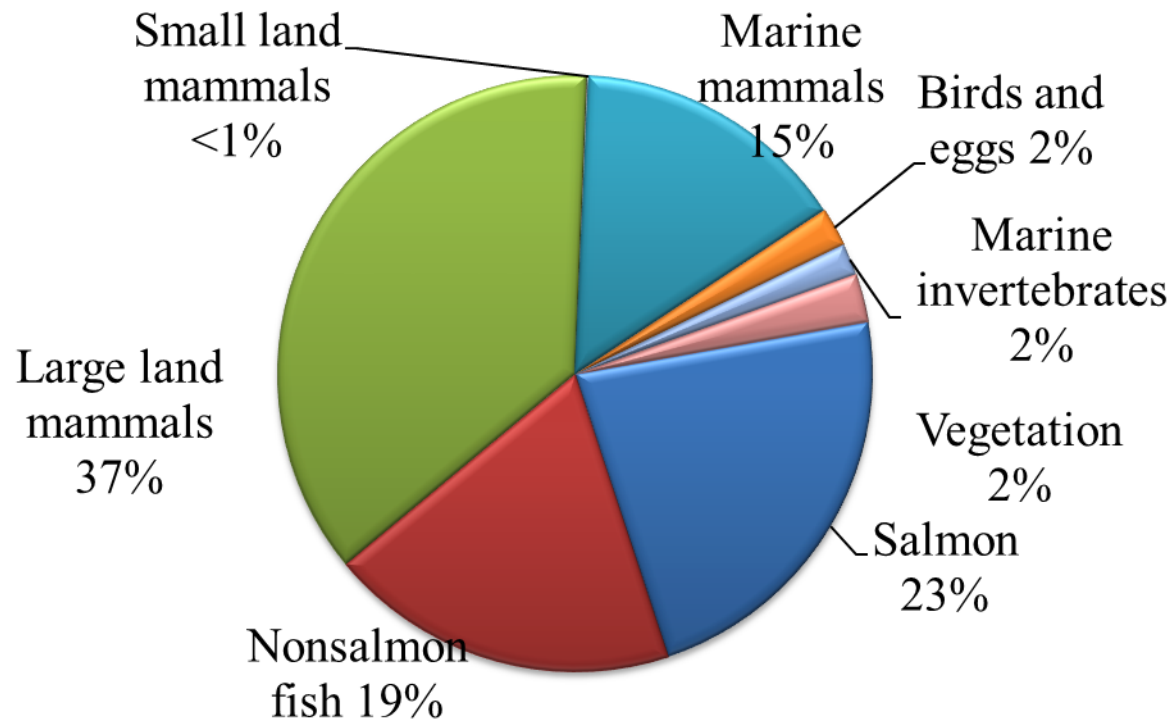


# Units 23 and 26A

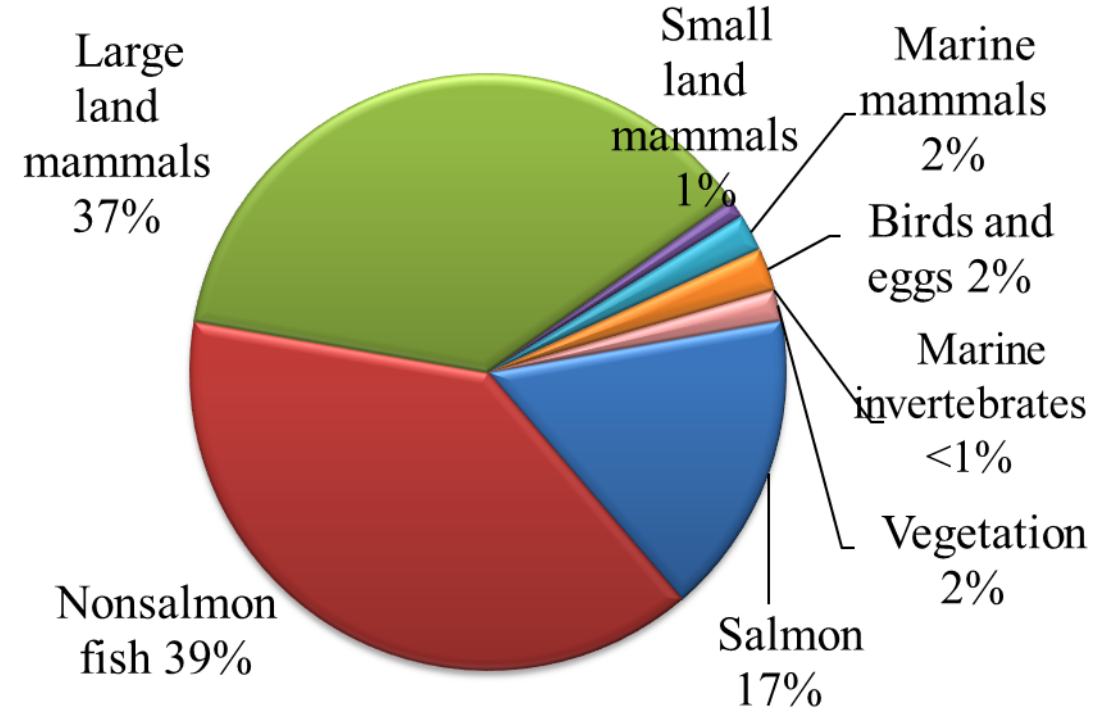
- Unit 23: **12** communities;  
2018 estimated population  
- 8,484 people
- Unit 26A: **6** communities;  
2018 estimated population  
- 6,393 people
- Harvest survey data  
(comprehensive or big game)  
collected in **ALL** Unit 23  
communities and **4** Unit  
26A communities from  
2009-2019



# Harvest Composition Unit 23

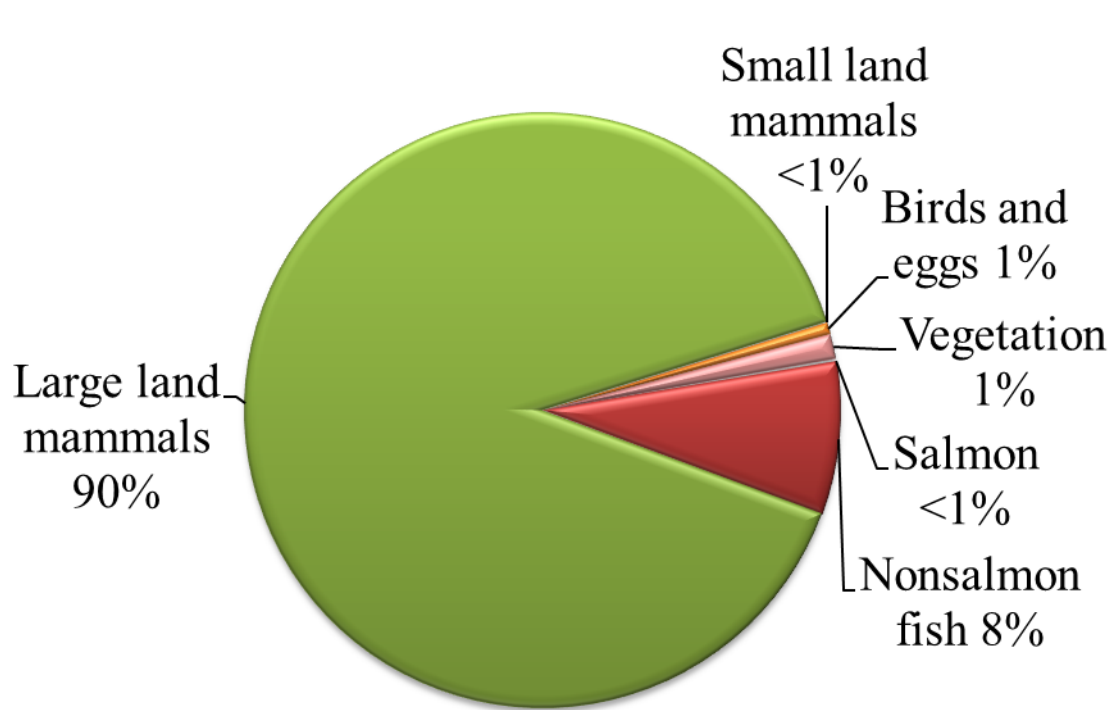


Kotzebue 2014

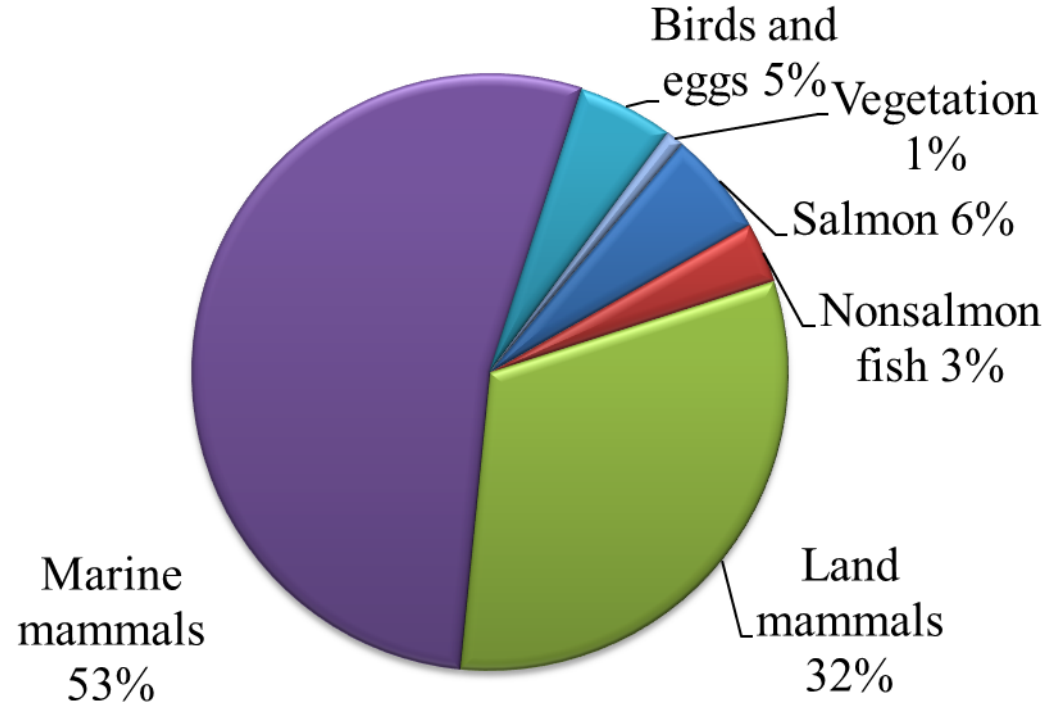


Noorvik 2012

# Harvest Composition Unit 26A



Anaktuvuk Pass 2014



Point Lay 2012



# Continuing Research

A person wearing a blue jacket and a patterned headband is riding a red snowmobile in a vast, snowy, open landscape. The snowmobile has 'RMV' written on its front. The person is holding a rifle and looking towards the horizon. The background shows a flat, snow-covered plain under a clear blue sky.

- Caribou and big game harvest monitoring program in Units 22 and 23 (2019-2022)
- Comprehensive survey in Kiana (2019 study year)
- In Unit 18, Lower Kuskokwim Big Game Project in 2 study communities
- Annual subsistence harvest surveys of birds and eggs in selected communities throughout the state



We would like to thank all of the communities we have worked with to conduct research and the Department of Wildlife Conservation for their cooperative efforts in continuing research

Questions?

