



SUBSISTENCE OVERVIEW

PRESENTATION TO THE ALASKA BOARD OF FISHERIES
KETCHIKAN, ALASKA - JANUARY 2025



Lauren Sill and Emily Doll
RC 3 Tab 13



Our mission is to scientifically gather, quantify, evaluate, and report information about customary and traditional uses of Alaska's fish and wildlife resources. AS 16.05.094



ADF&G researchers prepare a household list




Ethnographic interviews with a Gustavus resident, 2024

 Quantitative and qualitative research

 Most projects are partnerships

 Research guided by ethical principles

 Participation is voluntary and confidential

 Community review of draft data



Community data review meeting, Ouzinkie 2024

Research Focus

- Methods of harvesting and processing
 - Harvest and use estimates
 - Sharing of wild foods
 - Search areas
 - Trends in resource use
 - Demographics and income
- 📌 Goal: “holistic” understanding of mixed cash-subsistence economy, and subsistence ways of life



ADF&G researcher and local research assistant conduct a household harvest survey in Pelican, 2024



Semi-structured Interviews



Key respondent interview, Unalaska, 2021

Participant Observation



Participant observation in Slana River, 2013

Life History Mapping



Life history mapping in Kodiak, 2023

Alaska Department of Fish and Game Active Online Subsistence Surveys

Community Subsistence Information System

This dashboard is used to disseminate subsistence harvest data and technical reports for a community.

For summary information about the subsistence harvests, population, demography, and economy of Alaska's rural communities, please use the Subsistence Community Profile Dashboard.

Explore

© ADF&G/Sara Germain

Photo © ADF&G/Jim Dau

Subsistence Community Profile Dashboard

Comprehensive source for summary information about the subsistence harvests, population, demography, economy and geographic location of Alaska's rural communities.

User Guide Explore

Photo © ADF&G

Subsistence Fisheries Data Dashboard

This dashboard provides access to Alaska's subsistence and personal use salmon fisheries data based upon subsistence and personal use permit data and harvest assessment surveys.

User Guide Explore

Photo © ADF&G

<http://www.adfg.alaska.gov/sb/CSIS/>

Technical Paper No. 399

The Harvest and Use of Wild Resources in Haines, Hoonah, Angoon, Whale Pass, and Hydaburg, Alaska, 2012

edited by
Lauren A. Sill
and
David Koster

Contributors: Meredith Ann Marchioni, James M. Van Lanen, Joshua T. Ream, and Rosalie A. Grant

March 2017

Alaska Department of Fish and Game Division of Subsistence

ALASKA
DEPARTMENT OF FISH AND GAME

<http://www.adfg.alaska.gov/sf/publications/>



SUBSISTENCE REGIONS

- Northern Region
- Southern Region



Emily Doll
Subsistence
Resource
Specialist 2



Molly Brown
Subsistence
Resource
Specialist 2



**Southeast
Region**



SOUTHEAST ALASKA REGION



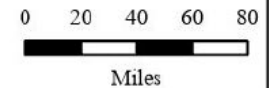
Southeast Alaska Management Area



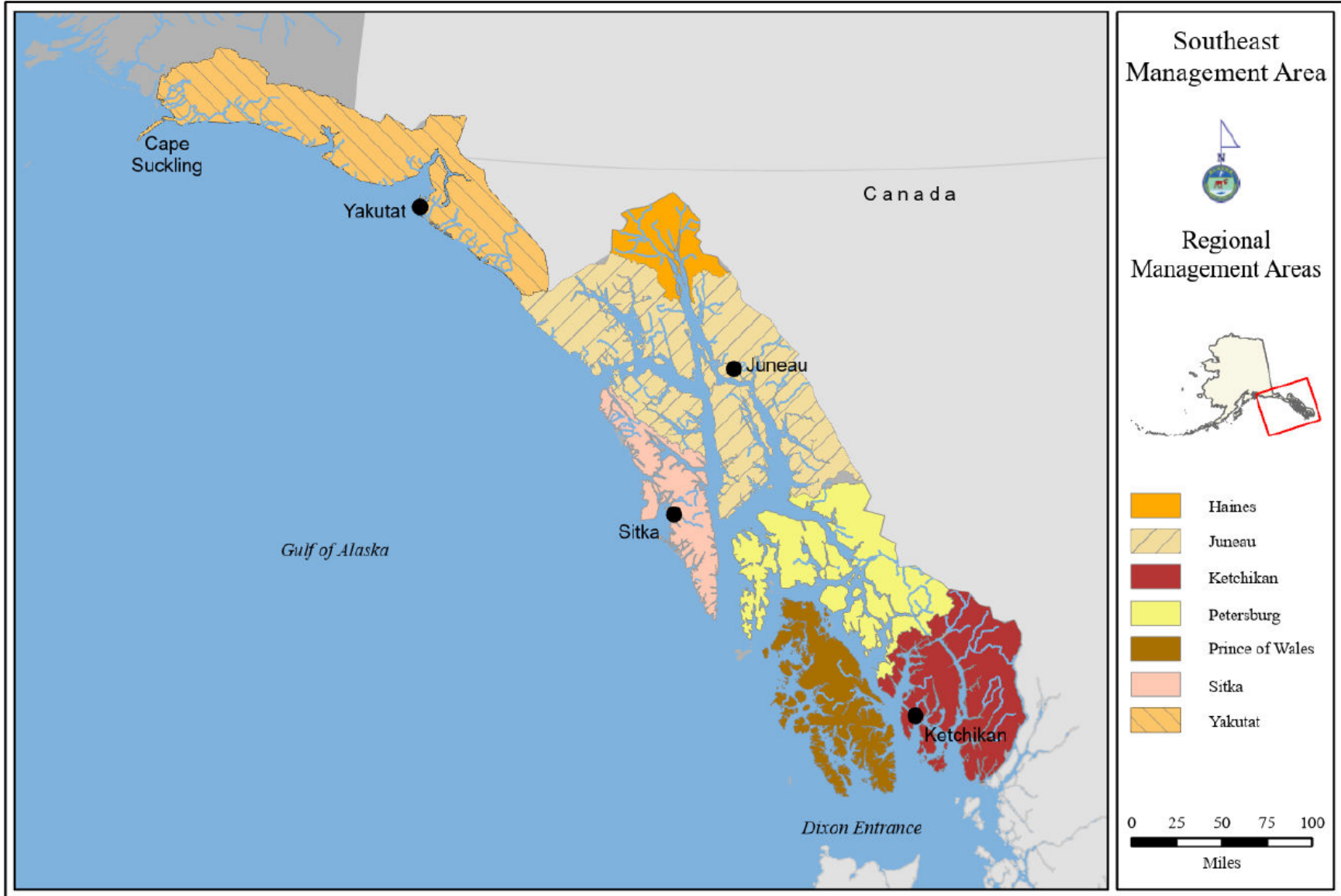
Overview of southeast Alaska



● Community



SOUTHEAST ALASKA MANAGEMENT AREAS



Yakutat

Includes the community of Yakutat

Haines

Includes the communities of Haines, Klukwan, and Skagway

Juneau

Includes the communities of Juneau, Angoon, Hoonah, Tenakee Springs, Gustavus, Pelican, and Elfin Cove

Sitka

Includes the communities of Sitka and Port Alexander

Petersburg/Wrangell

Includes the communities of Petersburg, Wrangell, and Kake

Ketchikan

Includes all POW communities, Ketchikan, and Metlakatla



“when the tide is out, the table is set”

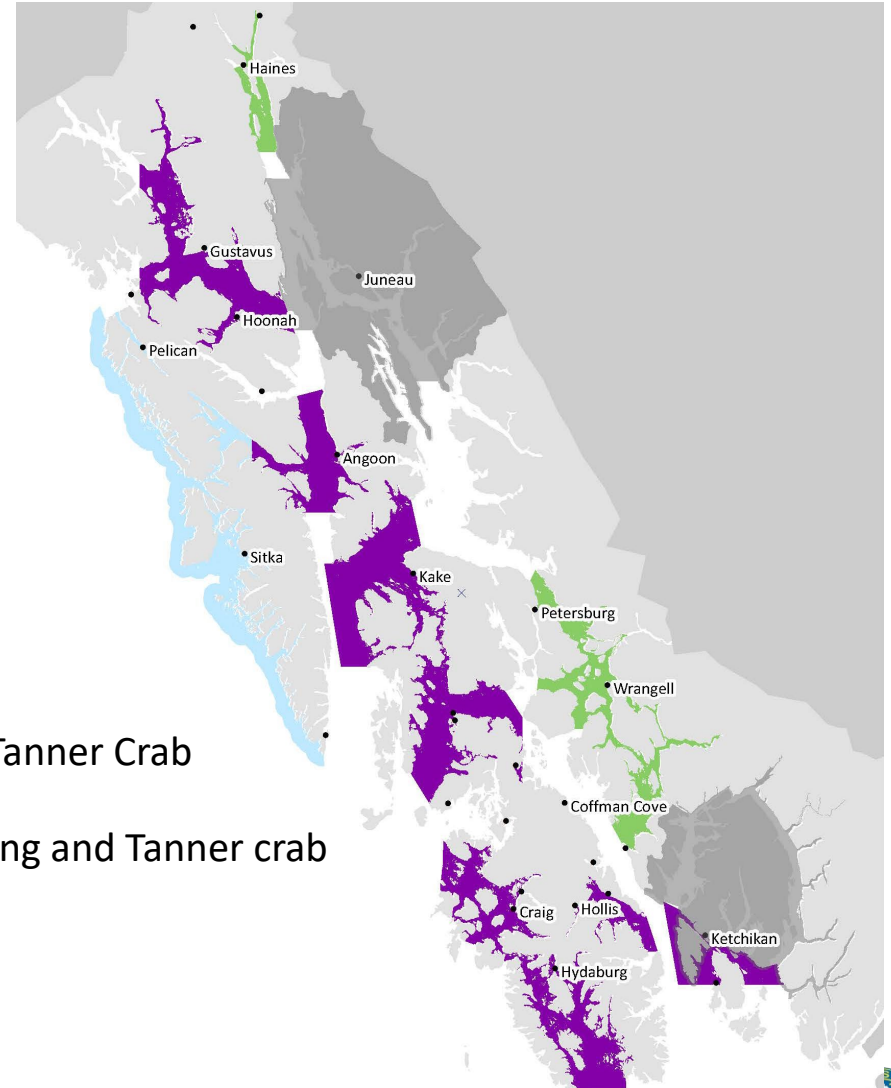
- Wide diversity of species used
- Harvest timing:
 - Late fall through winter
 - Year-round
- **Methods:** Pots, rings, rakes, spears, digging implements
- **Preservation:** eaten fresh, dried, frozen, canned
- **Sharing** is important




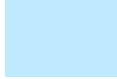



Yakutat C&T



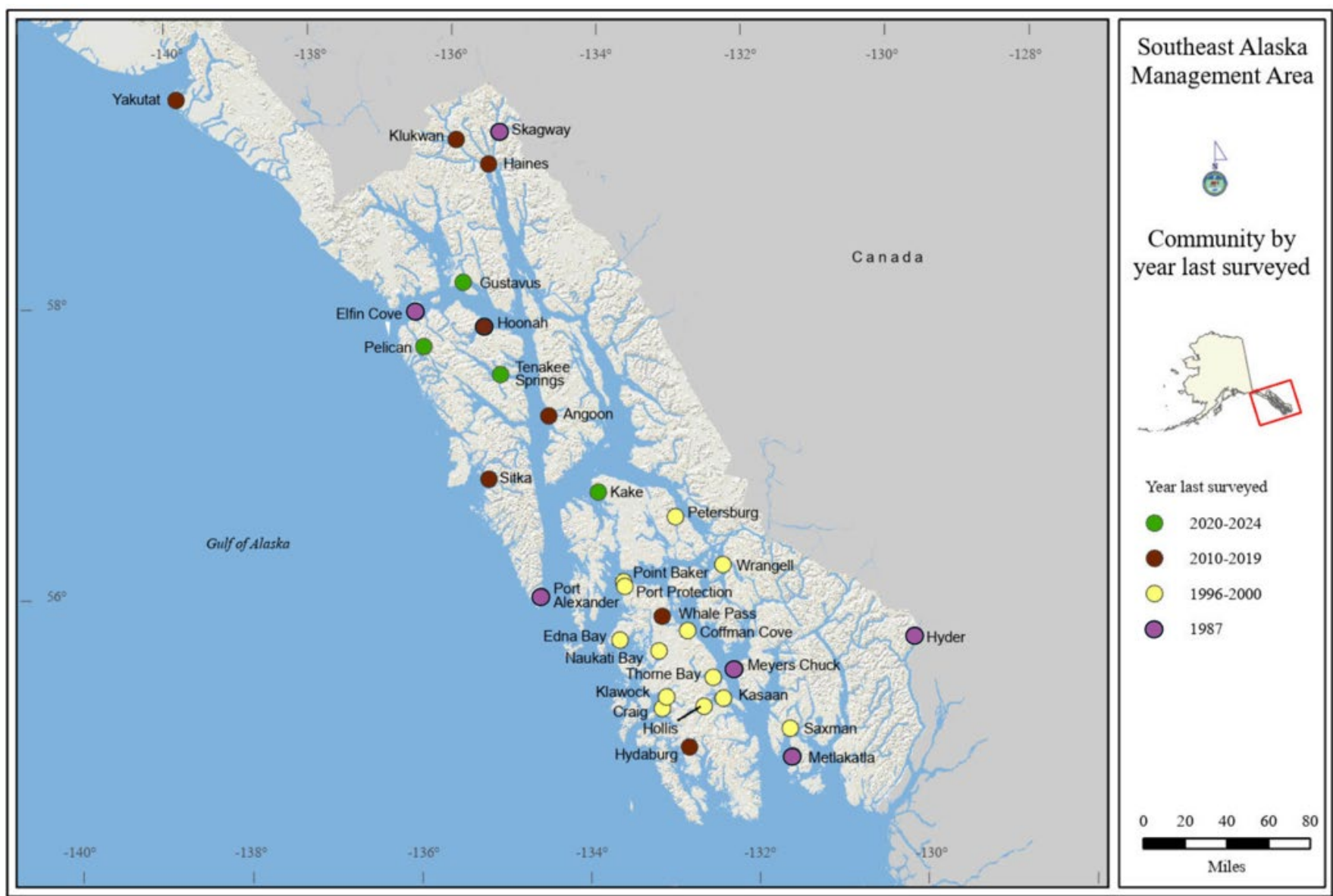
Southeast Alaska C&T



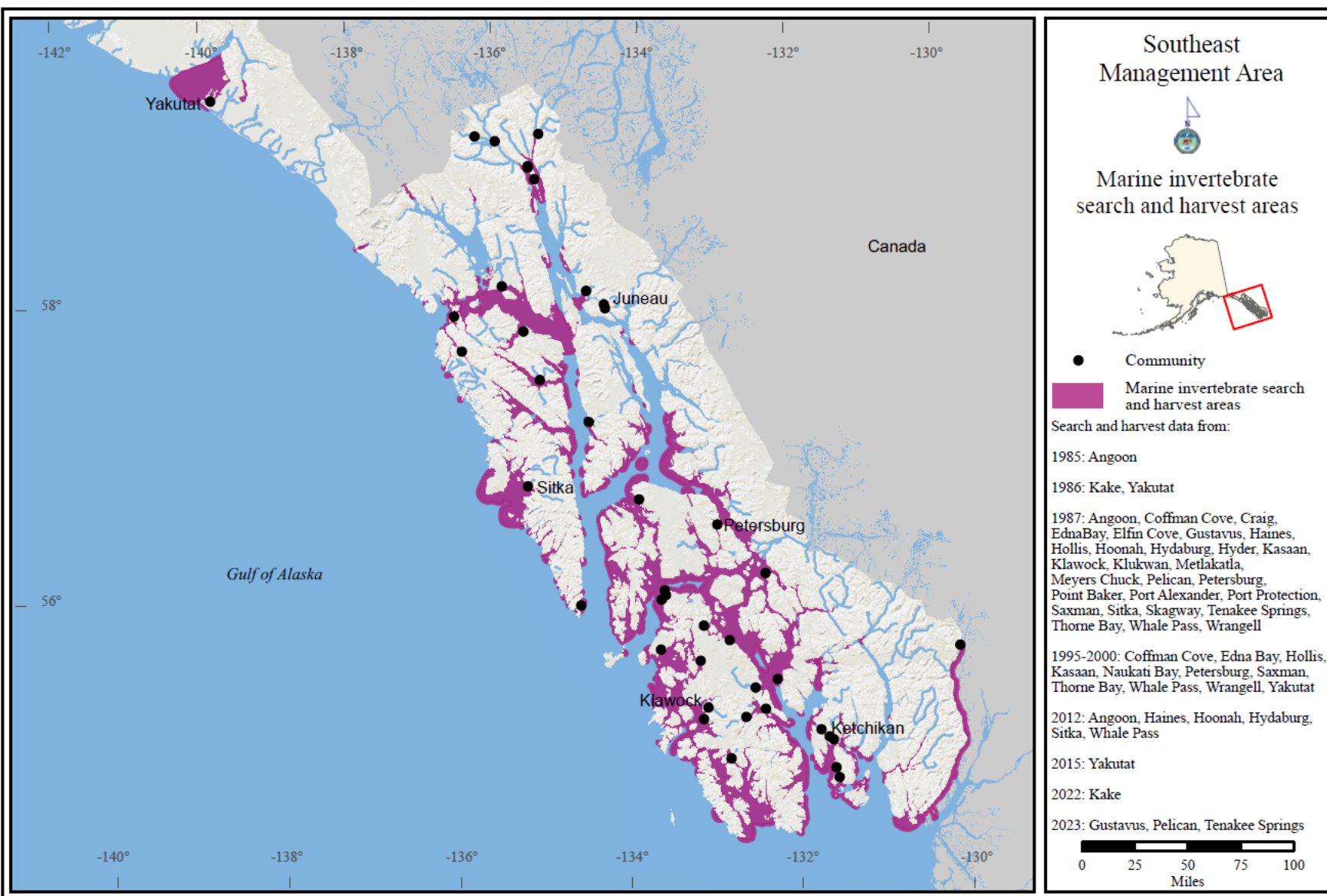
-  Positive C&T for shellfish
-  Positive C&T for shellfish, excluding king and Tanner Crab
-  Positive C&T for shellfish, excluding shrimp, king and Tanner crab
-  Positive C&T for select species
-  Nonsubsistence Areas



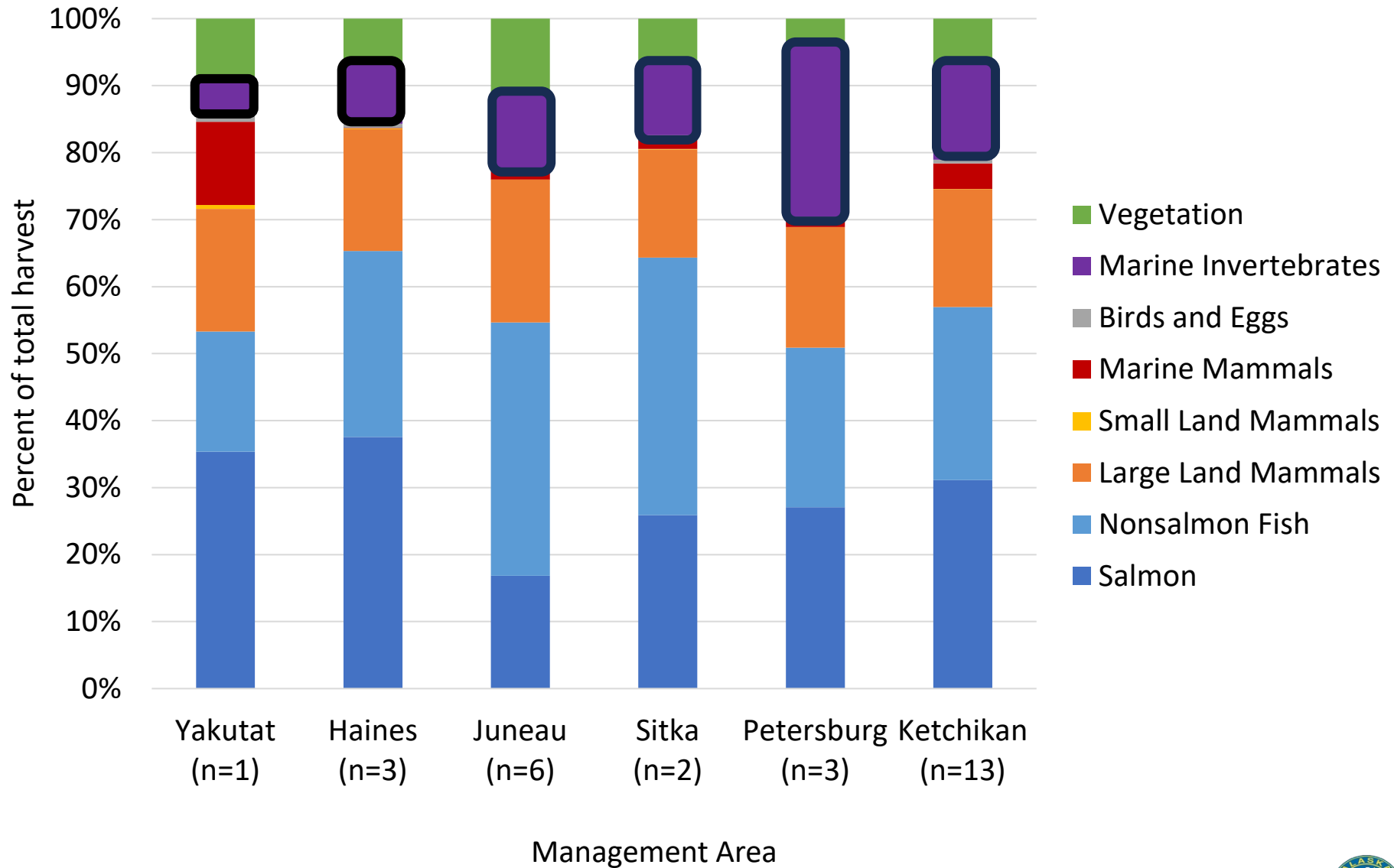
COMPREHENSIVE SUBSISTENCE DATA BY YEAR

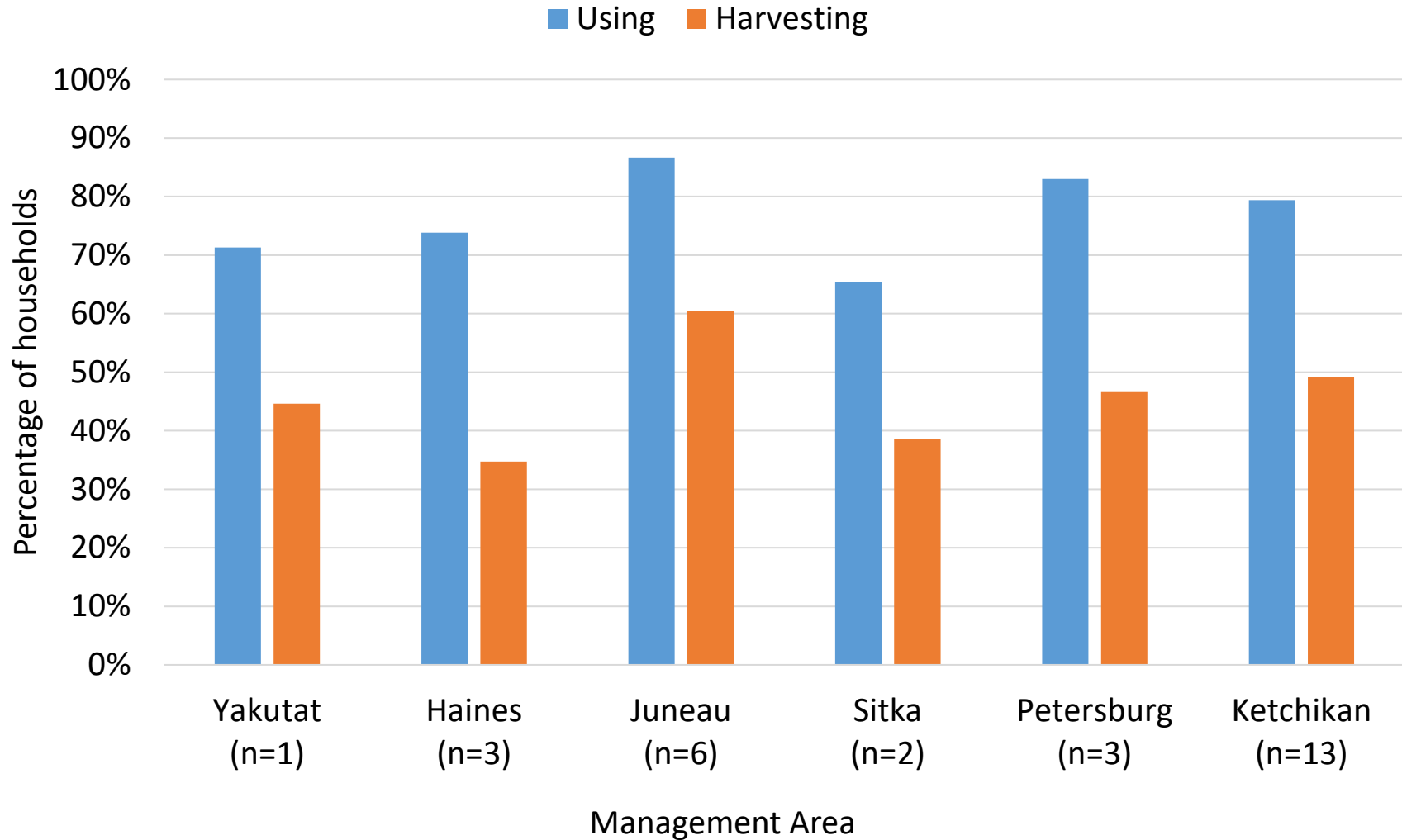


MARINE INVERTEBRATE SEARCH AND HARVEST AREAS 14

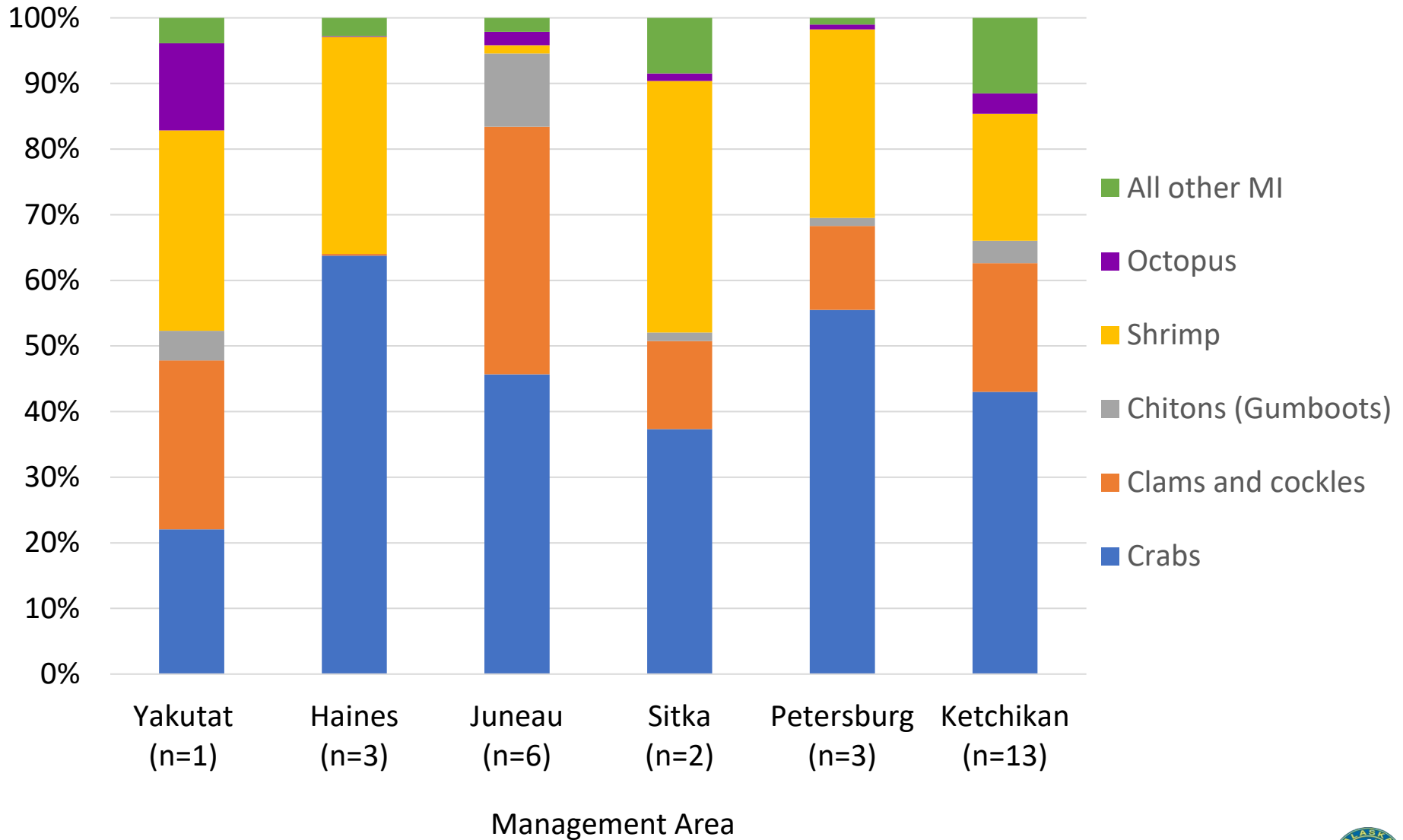


HARVEST COMPOSITION





MARINE INVERTEBRATE HARVEST COMPOSITION



SUBSISTENCE DATA SOURCES: PERMITS

- Shrimp, king crab (P/U)
- Managed by DCF
- Subsistence/Personal use
- Available online
- Harvest reporting
- Trends over time



Alaska Department of Fish & Game
**2018 Southeast Alaska and Yakutat
Subsistence and Personal Use Shrimp Permit**

***This permit is valid through
December 31, 2018***



replacement for lost original

Alaska Resident

Last Name

First Name

Initial

Mailing Address

Sport Fishing License #

Required for Personal Use

City

State

Zip Code

Phone Number

Driver's License #

State

E-Mail Address

Names of other Household Members Authorized to use this Permit:

- ▶ You must have this permit with you while Personal Use or Subsistence shrimping in the waters of Southeast Alaska (from Cape Suckling to Dixon Entrance).
- ▶ Only one permit may be issued to a household each year.
- ▶ Be sure to avoid duplicate reporting, report only what you harvested and not what your group harvested.
- ▶ By signing this permit you agree to all conditions and terms of this fishery.
- ▶ Harvest information must be recorded in ink before leaving the fishing site or concealing shrimp from view.
- ▶ Fisherman **may not** have sport-caught and subsistence/personal use-caught shrimp in their possession at the same time.



Current Projects

- Icy Strait Comprehensives
- Klawock Inseason Sockeye Monitoring
- Sitka Herring Surveys

Partnerships

- Klawock Cooperative Association
- Sitka Tribe of Alaska
- Sealaska
- Various local governments and tribal organizations

Project Proposals

- Central POW
- Yakutat Salmon Ethnography
- Salmon Permit Analysis and Harvest Location Distribution



Ethnographic interviews with a Gustavus resident, 2024

Lauren Sill

Southern Region Program Manager

lauren.sill@alaska.gov

(907) 465-3617

Emily Doll

Southeast Subsistence Resource Specialist 2

emily.doll@alaska.gov

(907) 267-2368

Community Subsistence Harvest Information System

<http://www.adfg.alaska.gov/sb/CSIS/>

Division Technical Paper Series

<http://www.adfg.alaska.gov/sf/publications>

Thank you to all the Southeast residents who participated in this research!

