



ALASKA NATIVE
MEDICAL CENTER



Traumatic and Acquired Brain Injury Services Expansion

Alaska Mental Health Trust Authority

Katie Jacques, Clinical Director

Dan Hartman, Medical Director

Kelly Jensen, RN Clinical Specialist



Vision

A Native Community that enjoys physical, mental, emotional and spiritual wellness

Mission

Working together with the Native Community to achieve wellness through health and related services



Goals

Shared Responsibility
Commitment to Quality
Family Wellness

Customer-Ownership



Operational Principles

- R**elationships between customer-owner, family and provider must be fostered and supported
- E**mphasis on wellness of the whole person, family and community (physical, mental, emotional and spiritual wellness)
- L**ocations convenient for customer-owners with minimal stops to get all their needs addressed
- A**ccess optimized and waiting times limited
- T**ogether with the customer-owner as an active partner
- I**ntentional whole-system design to maximize coordination and minimize duplication
- O**utcome and process measures continuously evaluated and improved
- N**ot complicated but simple and easy to use
- S**ervices financially sustainable and viable
- H**ub of the system is the family
- I**nterests of customer-owners drive the system to determine what we do and how we do it
- P**opulation-Based systems and services
- S**ervices and systems build on the strengths of Alaska Native cultures

Core Concepts

Work together in relationship to learn and grow

Encourage understanding

Listen with an open mind

Laugh and enjoy humor throughout the day

Notice the dignity and value of ourselves and others

Engage others with compassion

Share our stories and our hearts

Strive to honor and respect ourselves and others



Alaska Native Medical Center



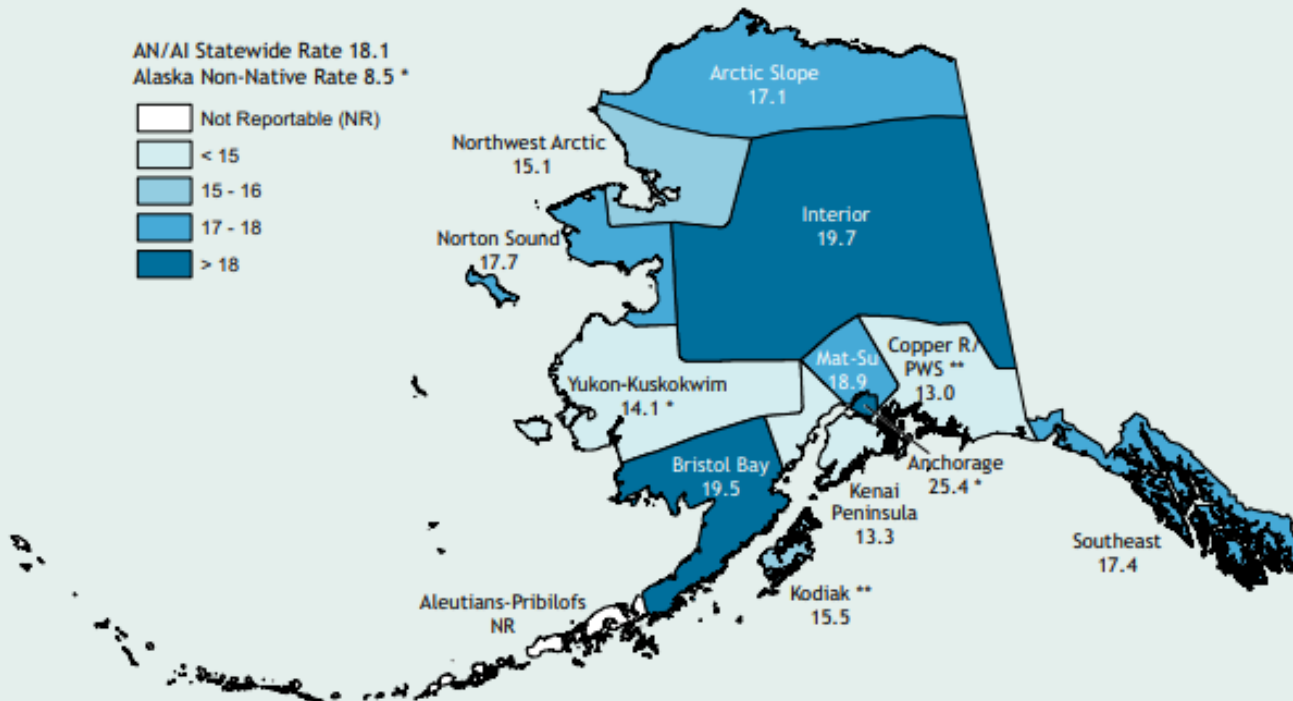
ALASKA NATIVE
MEDICAL CENTER



AK TBI Prevalence

SPECIAL TOPIC

TBI Injury Hospitalization Rate by Region, AN/AI People, 2012-2016



Note: Hospitalization rates per 10,000 age-adjusted to 2000 US standard population.
* Statistically significant difference between the regional and AN/AI people statewide rate, $p < 0.05$.
** Rates based on 10-19 cases are not statistically reliable and should be used with caution.
NR: Rate is not reported for fewer than 10 cases.

[Reference: 2020 AlaskaNative InjuryAtlas FullReport.pdf \(anthctoday.org\)](#)



Traumatic and Acquired Brain Injury

- ▶ **A traumatic brain injury (TBI)** generally is due to a rapid deceleration injury, leading causes include falls, assaults, motor vehicle/all-terrain vehicle accidents, and sports injuries.
- ▶ **Acquired brain injury** can be caused by oxygen deprivation (newborn intraventricular hemorrhage, stroke, aneurysms, near drowning, heart attack), tumors, neurological conditions, infections, and substance use.



The Traumatic and Acquired Brain Injury (TABI) Early Identification and Intervention Services Planning, Design, and Capacity Building (FY23)

► Explore & Design:

- Site visits → nationwide collaboration partners
- Southcentral Foundation system affinity
- Screeners
- Data
- Community Outreach

► Capacity Building:

- Train the Trainer
- Education



Building the Data at SCF

- In 2022, SCF served 789 active empaneled adult and pediatric COs who carry diagnosis of TABI/concussion. This represents a slight increase over 2021 with 740.
- Across all SCF/ANMC encounter types about 4.5 % of services are to those that carry a diagnosis of TABI/concussion, diagnosed in that year.
- Those that carry a diagnosis of TABI/concussion tend to have an increased number of SCF/ANMC encounters that tend to be distributed across clinics and programs.
 - For active COs with at least 1 visit in 2022:
 - Median encounters = 7
 - Mean encounters = 12
 - For active COs with at least 1 visit who carry a diagnosis of TABI/concussion in 2022:
 - Median encounters = 17
 - Mean encounters = 41.7



The Traumatic and Acquired Brain Injury (TABI) Phasic Implementation Plan for Identification, Intervention, Capacity Building, and Community(FY24)

- ▶ Implementation of Best Practices
 - Early identification and intervention
- ▶ Phasic approach
 - Adults empaneled to SCF clinics in the Municipality of Anchorage and the Matanuska-Susitna Borough
 - Adults empaneled to SCF's rural Community Health Centers
 - Children empaneled to Alaska's Tribal Healthcare System



Impact to Trust Beneficiaries

- ▶ Those served by SCF
 - Alaska Native and American Indian people identified as having a traumatic or acquired brain injury
 - Early Identification
 - Treatment & Services
 - Care coordination
 - Prevention
 - Caregivers for beneficiaries with TABI
 - Support & Education
 - The Katz Index of Independence of Activities of Daily Living and Instrumental Activities of Daily Living will be an important measure to help gauge the quality and impact of services provided.



Impact to Trust Beneficiaries

- ▶ Community
 - Prevention
 - Awareness
 - Resources
 - Data
 - Infrastructure
- ▶ Partnerships
 - Local, state-wide and national



ALASKA NATIVE
MEDICAL CENTER



Building Community Partnerships



ALASKA NATIVE
MEDICAL CENTER



References & Resources

- [Alaska Native Injury Atlas 3rd Edition 2020](#): TBI information page 77
- Centers for Disease Control (CDC) MMWRs:
 - [Centers for Disease Control and Prevention Morbidity and Mortality Weekly Report 1](#)
 - [Centers for Disease Control and Prevention Morbidity and Mortality Weekly Report 2](#)
- [CDC TBI Data Page](#)
- [Brain Injury Association of Alaska](#)



Contact Information

SCF Learning Institute

Southcentral Foundation

907-729-8608

scfnukaevent@scf.cc

Or log onto our website at www.scfnuka.com

