COVID-19 Pandemic
Alaska Rural Planning and Response

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Goals

• Overview of Alaska geography introducing roadlessness to the rural equation
• Distribution of health care resources
• Review of prevalence and incidence of COVID-19 in Alaska
• Examples of unique COVID-19 challenges in Alaska and responses
Area 663, 268 sq mi

Length 1420 mi

Width 2261 mi
Logistics and Health Care Facts

- 75% of Ak Communities not reachable by road
- 24 acute care hospitals in AK
  - 14 with <50 beds
- Anchorage and Matsu Valley
  6 hospitals
Map 1.4
Tribally Operated Hospitals

1) Samuel Simmonds Memorial Hospital, Barrow
2) Maniilaq Medical Center, Kotzebue
3) Norton Sound Regional Hospital, Nome
4) Yukon Kuskokwim Delta Regional Hospital, Bethel
5) Kanakanak Hospital, Dillingham
6) Alaska Native Medical Center, Anchorage
7) Mt. Edgecumbe Hospital, Sitka
Map 1.5

Tribally Operated Health Centers

1) Yukon Flats Health Center, Ft. Yukon
2) Tanana Health Center, Tanana
3) Chief Andrew Iese Health Center, Fairbanks
4) McGrath Health Center, McGrath
5) Clara Morgan Subregional Clinic, Aniak
6) John Acan Memorial Subregional Clinic, St. Mary's
7) Unalakleet Health Center, Unalakleet
8) Pearl E. Johnson Subregional Clinic, Emmonak
9) Hooper Bay Subregional Clinic, Hooper Bay
10) Toksook Bay Subregional Clinic, Toksook Bay
11) Togiak Subregional Clinic, Togiak
12) Nl accelerometer Subregional Clinic, Iliamma
13) St. Paul Health Center, St. Paul Island
14) Adak Medical Clinic
15) Oonalaska Wellness Center, Oonalaska
16) Aneysa Kudrin Memorial Clinic, Akutan
17) King Cove Medical Clinic, King Cove
18) Sand Point Medical Clinic, Sand Point
19) Chignik Bay Subregional Clinic, Chignik Bay
20) AultQUIE Envia Medical Clinic, Kodiak
21) Southcentral Foundation Valley Primary Care Center, Wasilla
22) Efmutna Clinic, Chugrak
23) Southcentral Foundation Primary Care Center, Anchorage
24) Dena'ina Health Clinic, Kenai
25) Ninilchik Community Clinic, Ninilchik
26) Seldovia Village Health Center, Homer
27) Seward North Star Health Clinic, Seward
28) Iliamna Health Center, Iliamna
29) Yakutat Health Center, Yakutat
30) Haines Medical Clinic, Haines
31) SEARPC Medical/Dental Clinic, Juneau
32) Hoonah Medical Clinic, Hoonah
33) Angoon Health Center, Angoon
34) Alice N. Roberts Medical Center, Klawock
35) Ketchikan Indian Community Tribal Health Center, Ketchikan
36) Medakatla Health Center, Medakatla
Map 1.2

The Alaska Native Health Care System Referral Pattern
Same Scale Comparison - Alaska Area to Lower 48 States
Prudhoe Bay Oil Field
("North Slope")

• Largest oil field in North America
• Covers 213,543 acres
• 400 miles from Fairbanks, 600 miles from Anchorage
• Major source of Alaska income (90%)
• Average 2000 employees on the Slope in winter production
Screening began in early March at airport

Progressive steps

Screening on arrival to oil fields and at check points

Quarantine set up

Isolation and negative pressure areas established

No interstate air travel without prior quarantine

Extended rotations

Testing challenges
Alaska Preparation
"Centers of Excellence": Concentrate Experience
Fishing Industry: next challenge

~8000 Workers Coming to State

- Points of origin from around the globe
- Critical Infrastructure
- Dorm living, 5 or more to a room
- Shared bathrooms
- Rural/roadless
Strategies

- Pre-quarantine prior to moving to fish camps
- Testing strategies for asymptomatic workers
- Quarantine and isolation strategies for exposed and PUI/confirmed
- Evacuation of the ill
Summary

- Alaska has unique geographic challenges for pandemic
- Outbreaks of severe disease in remote communities is a concern
- Oil/Gas/Natural work is done by large numbers in especially austere areas
- Benefit of low population density
- Readying for next wave: opening
Thank you

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