



# **LIGHTS | CAMERA | ACTION**

The Future of Public Health



# Judy Monroe, MD

President and CEO  
CDC Foundation



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The Future of Public Health

# Strengthening the Public Health Workforce

June 29, 2023

12:30 – 3:00 PM (ET)

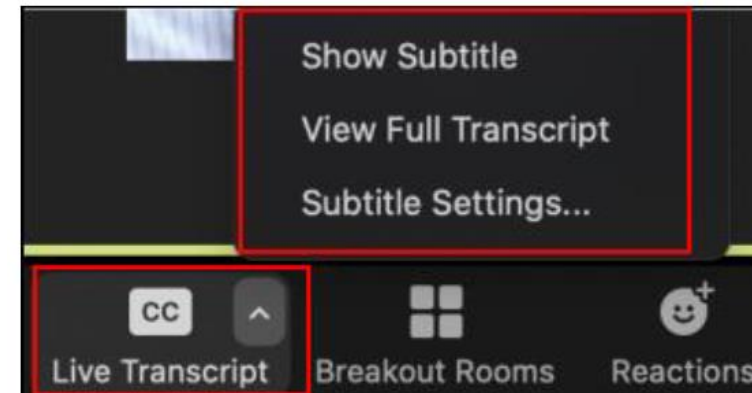


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The Future of Public Health

# Housekeeping

- Only the panelists' and moderators' cameras and microphones will be turned on for the duration of this webinar.
- ***The Q&A option will be private and sent only to our moderators.***
- Live English subtitles are available.
- As a reminder, this webinar will be recorded and available on the *Lights, Camera, Action* website in a few days.



# Agenda

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- 12:35 PM** Opening Session: Setting the Stage
- 1:00 PM** Panel 1: Innovation in Public Health Infrastructure
- 1:40 PM** Video: Building Tribal Public Health
- 1:45 PM** Panel 2: Partnership and Community Engagement to Improve Health Equity
- 2:25 PM** Video: Workforce/Vaccine Initiative Impact
- 2:30 PM** Closing Session: Call to Action

# Opening Session: Setting the Stage

Judy Monroe, MD

Patricia Simone, MD





# Patricia Simone, MD

Director of Division of Workforce Development  
Centers for Disease Control and Prevention



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The Future of Public Health

# Strengthening the Public Health Workforce

**Patricia M. Simone, MD**

Director, Division of Workforce Development

National Center for State, Tribal, Local, and Territorial Public Health Infrastructure and Workforce

CDC

[pms6@cdc.gov](mailto:pms6@cdc.gov)

June 29, 2023



# Strengthening the Public Health Workforce



What we knew



What we learned



What we did



What's next



## What we knew: Decades of underinvestment

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*Over the past decade, the public health workforce has shrunk by approximately **56,000** positions primarily due to funding issues.*

*—Trust for America’s Health (2020)*

*The U.S. needs to hire a minimum of **80,000** more full-time equivalents (FTEs) in state and local governmental public health departments—**an increase of 80 percent**—to provide adequate infrastructure and minimum public health services to the nation.*

*—Staffing Up: Determining Public Health Workforce Levels Needed to Serve the Nation (2021)*

# What we learned

## Our public health workforce is fundamental

- Funding wasn't the only barrier
- Flexibility is key



Meet CDC  
disease detective

**AdeSubomi!**

AdeSubomi was sent by CDC to the Dallas Fort Worth Quarantine Station to make sure international flights and travelers follow the required COVID-19 prevention protocols.

# What we did



CDC Foundation Project



Public Health AmeriCorps



Public Health Workforce  
Research Center



Public Health Infrastructure Grant



# Infrastructure Grant

With a stronger infrastructure we will be better able to protect people from preventable illness, death, and health threats.

## **Component A: U.S. Health Departments**

Strategic strengthening of public health infrastructure including workforce and foundational capabilities

## **Component B: National Partners**

Training and technical assistance, communication, evaluation, and coordination to Component A recipients

Full funding details: [cdc.gov/infrastructure](https://cdc.gov/infrastructure)

## **Multi Component 5-Year Grant**

**NOA** November 29, 2022

### **110 awards**

Component A: 107

Component B: 3

### **Budget period start**

December 1, 2022

### **Period of performance**

5 years/60 months

### **Partners**





# What's next

## National Center for STLT Public Health Infrastructure and Workforce



Public Health Infrastructure is made up of the **people, services, and systems** needed to promote and protect health in every U.S. community



# More information

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- **Public Health AmeriCorps**  
<https://www.cdc.gov/workforce/resources/ameriCorps.html>
- **CDC/HRSA Public Health Workforce Research Center**  
<https://www.cdc.gov/workforce/resources/research-center.html>
- **Public Health Infrastructure Grant**  
<https://www.cdc.gov/infrastructure/phig/index.html>



# Lisa Waddell, MD, MPH

Chief Medical Officer (retired)  
CDC Foundation



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The Future of Public Health

# Panel 1: Innovation in Public Health Infrastructure

**Moderator:** Lisa Waddell, MD, MPH

## **Speakers**

- Amy Curtis, PhD, MPH
- Pam Pontones, MA
- Katherine Feldman, DVM, MPH

# Innovation in Public Health Infrastructure



**Amy Curtis, PhD, MPH**

Chief Administrator  
Adult Mental Health Division  
Hawaii Department of Health  
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**Pam Pontones, MA**

Deputy Health Commissioner  
Office of the State Health Commissioner  
Indiana Department of Health  
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**Katherine Feldman, DVM, MPH**

Chief Public Health Scientist  
Office of the Deputy Secretary for Public Health  
Maryland Department of Health  
[katherine.feldman@maryland.gov](mailto:katherine.feldman@maryland.gov)



# Amy Curtis, PhD, MPH

Chief Administrator  
Hawaii Department of Health



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The Future of Public Health

# Initiating Change through Workforce Capacity: Hawaii Adult Mental Health Division

**Amy B. Curtis, PhD, MPH**

Chief Administrator, Adult Mental Health Division

Hawaii State Department of Health

[amy.curtis@doh.hawaii.gov](mailto:amy.curtis@doh.hawaii.gov)

June 29, 2023



# Adult Mental Health Division

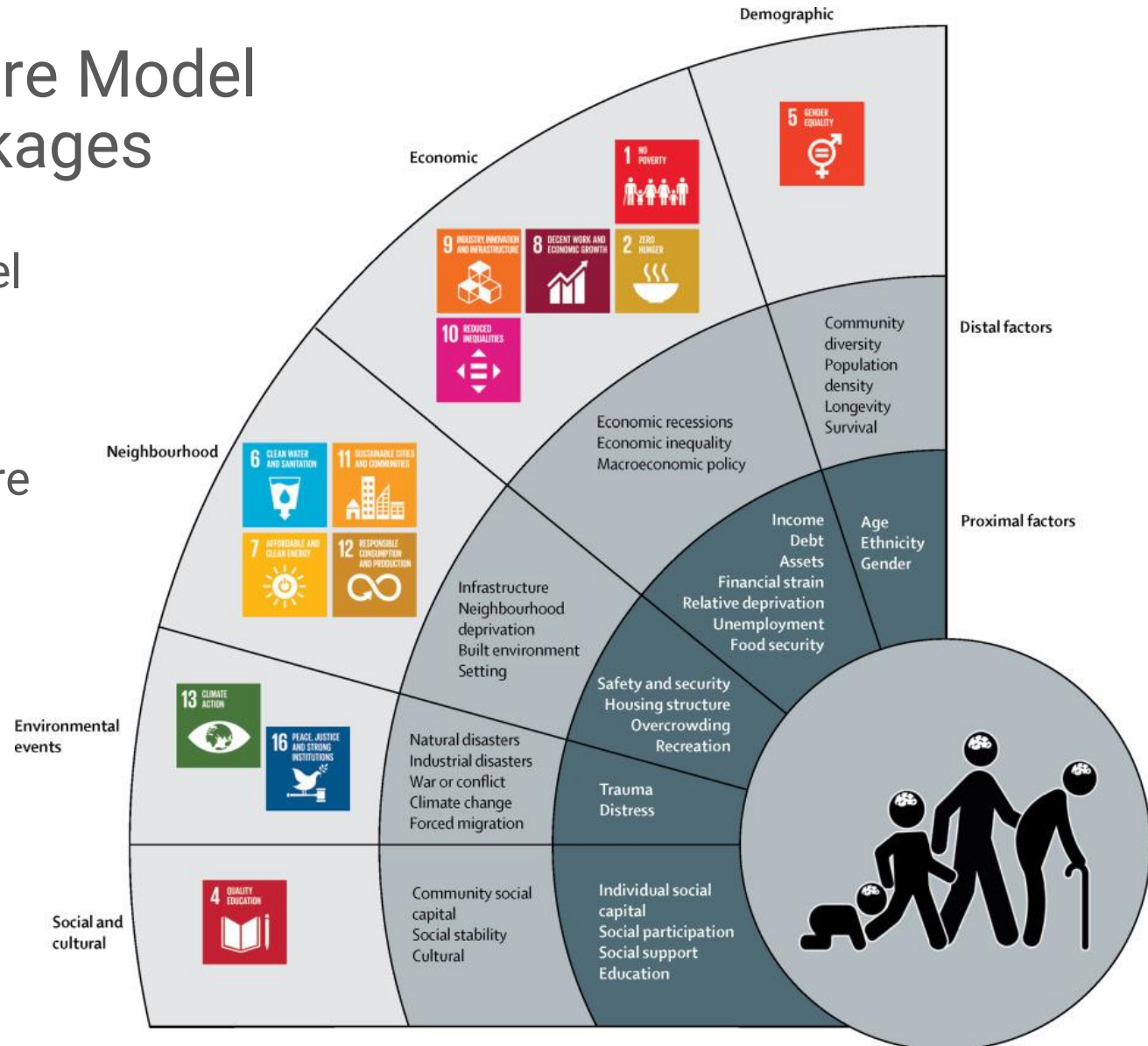
- Adult Mental Health Division
- Division needs
  - Data
  - Quality management
- CDC Foundation staffing



HAWAII STATE  
DEPARTMENT  
OF HEALTH

# Building a System-of-Care Model Using Public Health Linkages

- Building a system-of-care model
- Seamless linkage inpatient to community
- Impact pandemic and crisis care
- Measuring outcomes
- Social determinants of health
- Workforce recruitment



HAWAII STATE  
DEPARTMENT  
OF HEALTH





# Pam Pontones, MA

Deputy Health Commissioner  
Indiana Department of Health



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The Future of Public Health

# A Historic Investment: Health First Indiana

**Pam Pontones, MA**

Deputy Health Commissioner

Indiana Department of Public Health

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June 29, 2023

# A State Investment in Public Health



- Governor Eric J. Holcomb established the Governor's Public Health Commission in August 2021 and charged it with examining strengths and weaknesses of Indiana's public health system and making recommendations for improvements
- Commission's report released in July 2022 focuses on six workstreams: governance, infrastructure and services; funding; workforce; data and information integration; emergency preparedness; childhood and adolescent health
- Goal: Ensure every Hoosier has access to core public health services wherever they live that allow them to achieve their optimal health and well-being

# Beginning the Process: Original Budget Ask

- Legislation on biennial state appropriation to support local and state public health
  - Direct funding to local health departments (LHDs) to provide core public health services: \$100M FY 2024, \$200M FY 2025
  - State level funding to support IDOH initiatives: regional staff, data analytics, workforce planning, oral health programming
  - Emergency preparedness: state strategic stockpile, trauma system improvement, EMS readiness
- Core Public Health Services Committee (Sept-Dec 2022)
  - Defined core public health services that LHDs will provide if they choose to receive funding
  - 16 statutory and non-statutory core services in seven categories
- Core Public Health Leadership Committee
  - Define state-level key performance indicators for each of the core services (through end of May)
  - Assist LHDs in developing local KPIs to meet state-level indicators



# SEA 4 and HEA 1001—What Passed

- HEA 1001 – state budget bill
  - GPHC funding for LHDs: \$75 million in year 1, \$150 million in year 2
  - Trauma system quality improvement: \$3.92 million in year 1, \$5.79 million in year 2
  - EMS readiness: \$6.45 million in year 1, \$8.2 million in year 2
  - State strategic stockpile: \$4 million per year
- SEA 4 – GPHC legislation
  - Between House and Senate, 63 legislators signed on to sponsor bill!
  - Establishes process for counties to opt-in to enhance local public health funding
  - Defines core public health services and parameters for use of funding
  - Makes changes to Local Health Board appointments

# Drivers of Success

- Blue-ribbon Commission members providing varied perspectives and ardent support
- **Showing the data:** sharing life expectancy variations, health disparities in legislative districts
- **Speaking the language:** knowing what matters to your audience, engaging subject matter experts, advocates with local elected officials and state lawmakers
- **Garnering support:** engaging associations, presentations, meetings, calls, 1:1 conversations with legislators and elected officials, seven community listening tours
- **Preserving local control:** county commissioner's opt-in for funding, county councils approve budget
- **Flexible funding:** not prescriptive—can be used to whatever local jurisdiction needs, leveraging partnerships and shared service models to provide core services
- **Showing return on investment:** budget reports, key performance indicators, success stories



# Katherine Feldman, DVM, MPH

Chief Public Health Scientist  
Maryland Department of Health



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The Future of Public Health

# Maryland's Strengthened Public Health Capacity as a Result of CDC Foundation Support

**Katherine Feldman, DVM, MPH**  
Chief Public Health Scientist  
Maryland Department of Health  
[katherine.feldman@maryland.gov](mailto:katherine.feldman@maryland.gov)

June 29, 2023

# Key Accomplishments in Maryland

- CDC Foundation filled critical staffing gaps that were exacerbated by the COVID-19 pandemic
- CDC Foundation hired field staff for Maryland Department of Health (MDH) and the 24 local health departments (LHDs) in Maryland via a single point of entry at MDH. This streamlined process increased reach into LHDs and other local settings such as schools
  - Key to the success was the quick turnaround for bringing staff on board
- CDC Foundation field staff provided ability for MDH to keep important public health operations running while responding to COVID
- CDC Foundation field staff allowed Maryland to provide public health services and achieve public health goals that might otherwise not have been possible

# Maryland's Strengthened Capacity

- Field employees worked in a range of areas (COVID and non-COVID), including: outbreak investigation, grants management, public health nursing, school health, health equity, public health accreditation, other
- MDH managers described field employees as “valuable team members” and credited them with strengthening the programs in which they worked
- Examples of field staff impact
  - Increased coordination and communication for pediatric COVID-19 vaccine rollout
  - Improved access to data on COVID-19-associated hospitalizations
- Many CDC Foundation staff were retained by MDH
  - Grants manager
  - Quality improvement coordinator
  - Epidemiologists
  - Environmental health coordinator
  - Vaccine program manager
  - Diabetes program manager
  - Health equity program manager



# Innovation in Public Health Infrastructure



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# Q&A

## Panel 1: Innovation in Public Health Infrastructure

**Moderator:** Lisa Waddell, MD, MPH

### **Speakers**

- Amy Curtis, PhD, MPH
- Pam Pontones, MA
- Katherine Feldman, DVM, MPH

# Video: Building Tribal Public Health Departments



# Turtle Mountain Band of Chippewa Indians



Stephanie Jay, MPH



Belcourt, ND

# Panel 2: Partnership and Community Engagement to Improve Health Equity

**Moderator:** Lisa Waddell, MD, MPH

**Speakers**

- Anne Zink, MD, FACEP
- Kimberly Lamar, PhD, MPH, MS
- Iris Cardona, MD



# Partnership and Community Engagement to Improve Health Equity



**Anne Zink,  
MD, FACEP**

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**Kimberly Lamar,  
PhD, MPH, MSEH**

Assistant Commissioner  
Tennessee Department of Health  
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**Iris Cardona,  
MD**

Chief Medical Officer  
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# Anne Zink, MD, FACEP

Chief Medical Officer  
Alaska Department of Health



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The Future of Public Health

# North to the Future: Emerging Stronger from COVID

**Anne Zink, DVM, MPH**

Chief Medical Officer, State of Alaska

President, Association of State and Territorial Health Officials

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June 29, 2023

When we think  
and act  
upstream, we  
create a healthier  
and more  
equitable world.





# Alaska: 2021 and 1918



## *Alaska's Remote Villages Race Against Time and History*

The coronavirus has spread into the most remote villages, a reminder of earlier pandemics that ravaged the state. Now there is a rush to deliver vaccines in time.



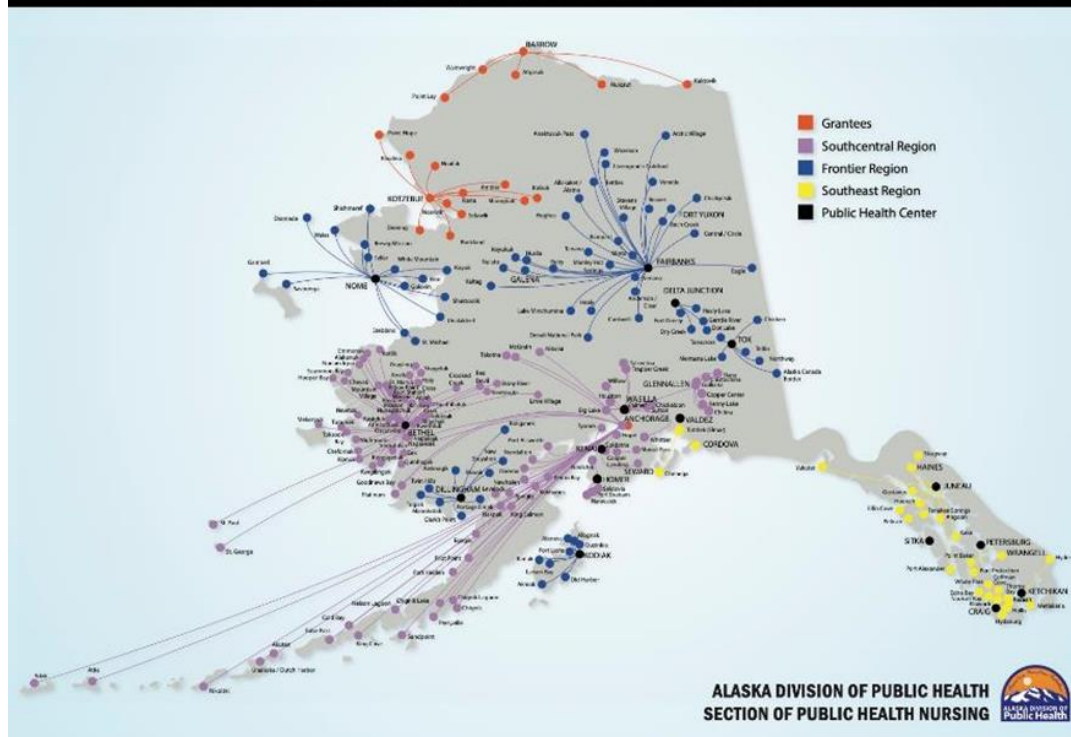
## **THREE HUNDRED CASES OF FLU IN NOME CITY**

This historical photograph shows Dr. Linus Hiram French with orphans of the Spanish flu epidemic. (Photo courtesy of Tim Troll)

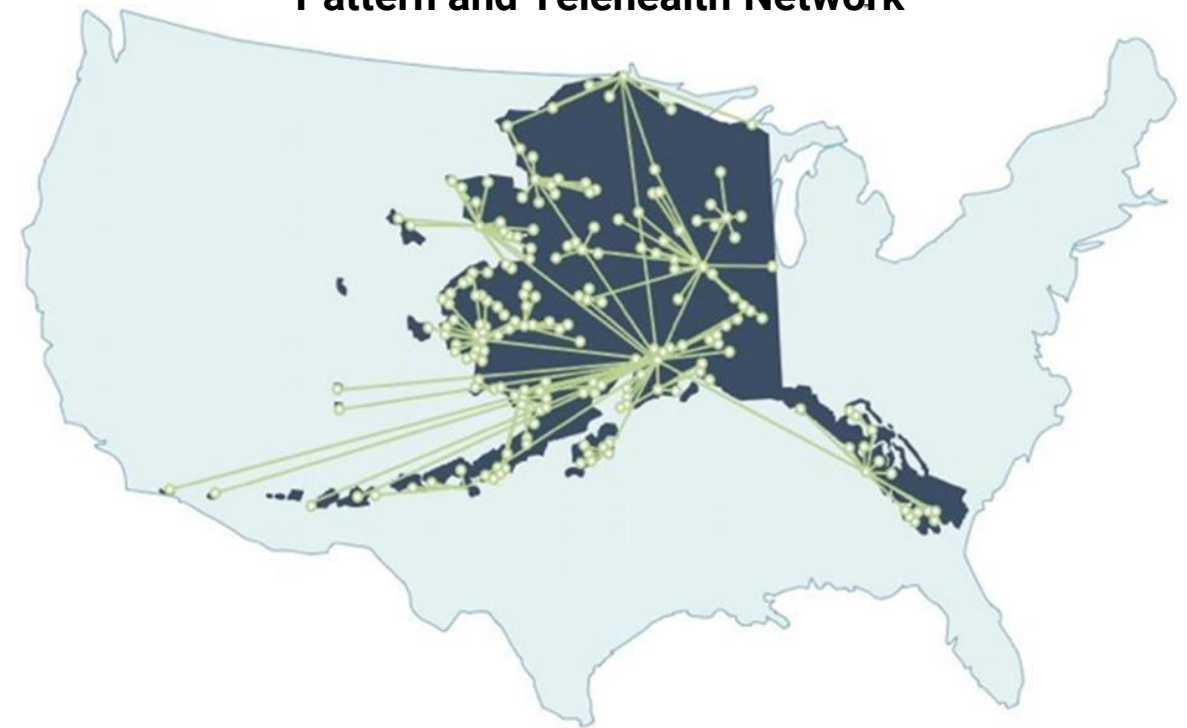


# Tribal Partnership

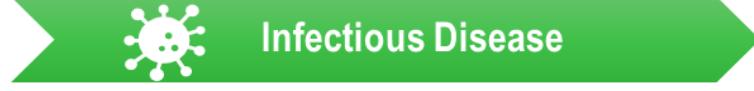
## PUBLIC HEALTH CENTERS AND ITINERANT PHN SERVICES MAP LIVING LOCALLY, WORKING GLOBALLY – JULY 2016



## Alaska Native Health Care System Referral Pattern and Telehealth Network



# Healthy Alaskans 2030

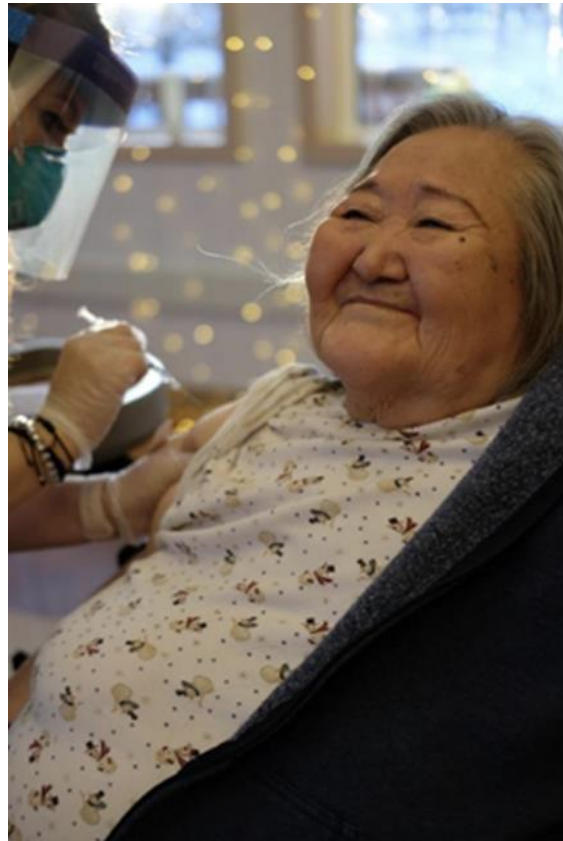
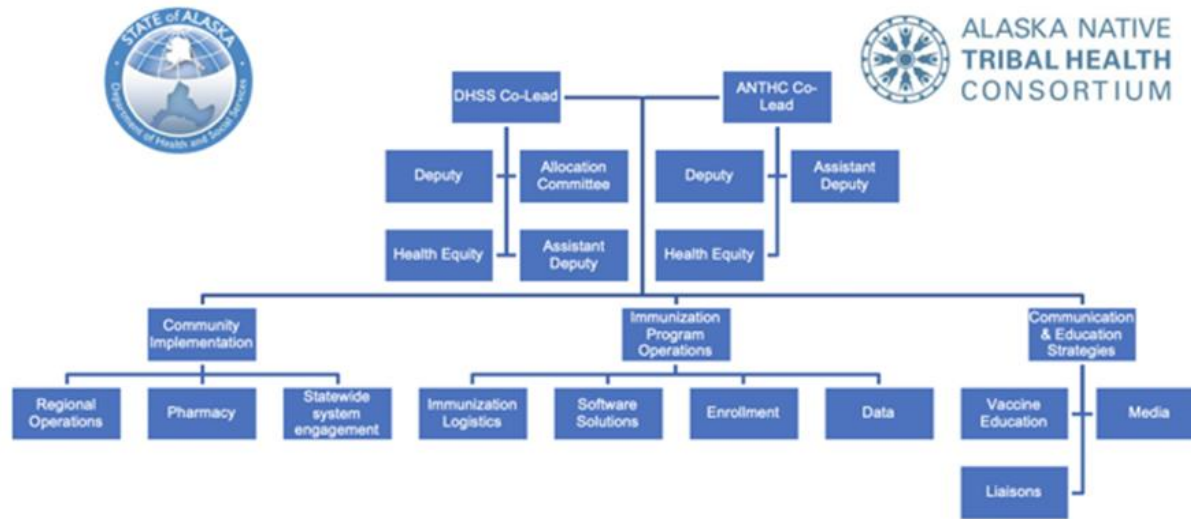


- Thirty health objectives with specific targets to reach by 2030 provide a common framework with strategies and actions to achieve each target
- Partnership with Alaska Native Tribal Health Consortium (ANTHC)
- Serves as a roadmap for stakeholders to work together on upstream health improvements
- Annual progress report on each target



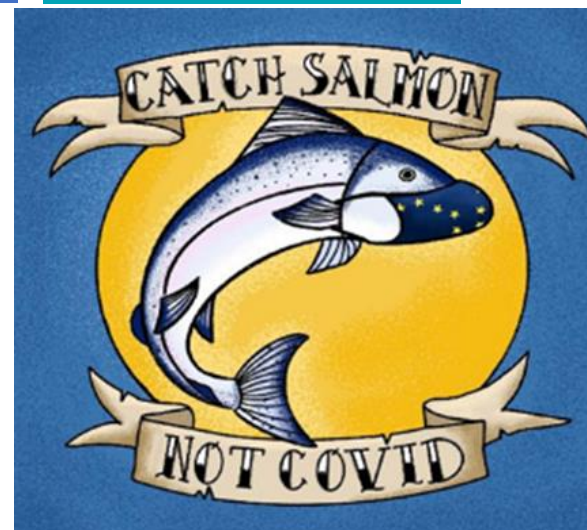
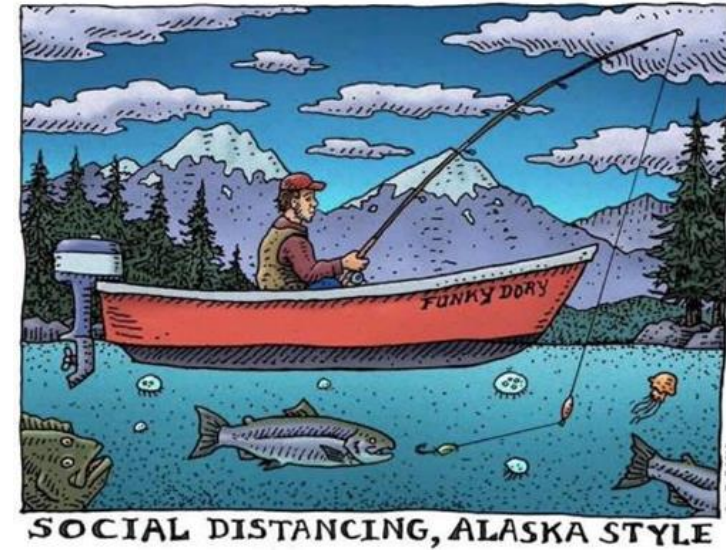
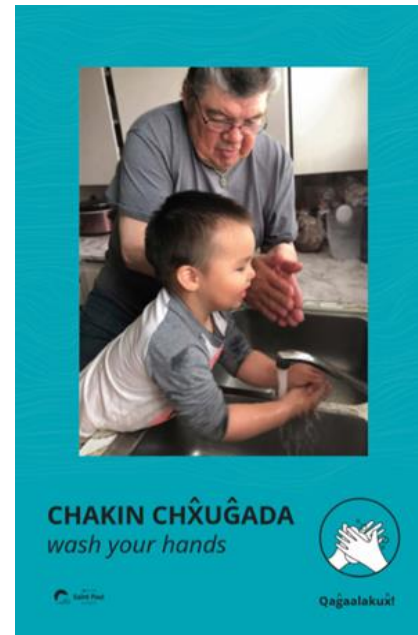
# Tribal Partnership

COVID-19 highlighted the importance of strong partnerships between Alaska Department of Health and Tribal Health Organizations and communities



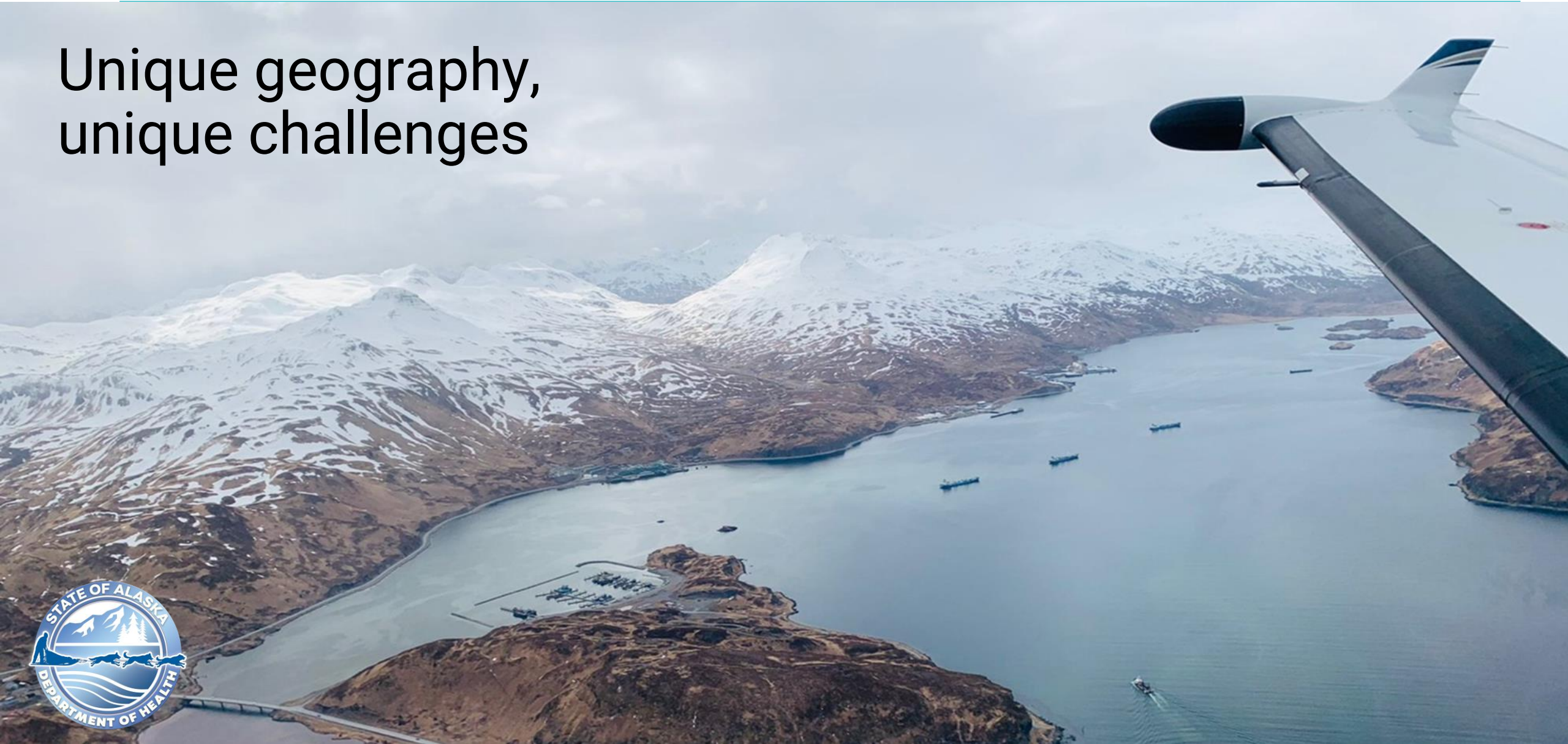


# Communication





# Unique geography, unique challenges



# Lessons Learned

Informatics



Partnerships

Information



Priorities

Inequities



Perspectives



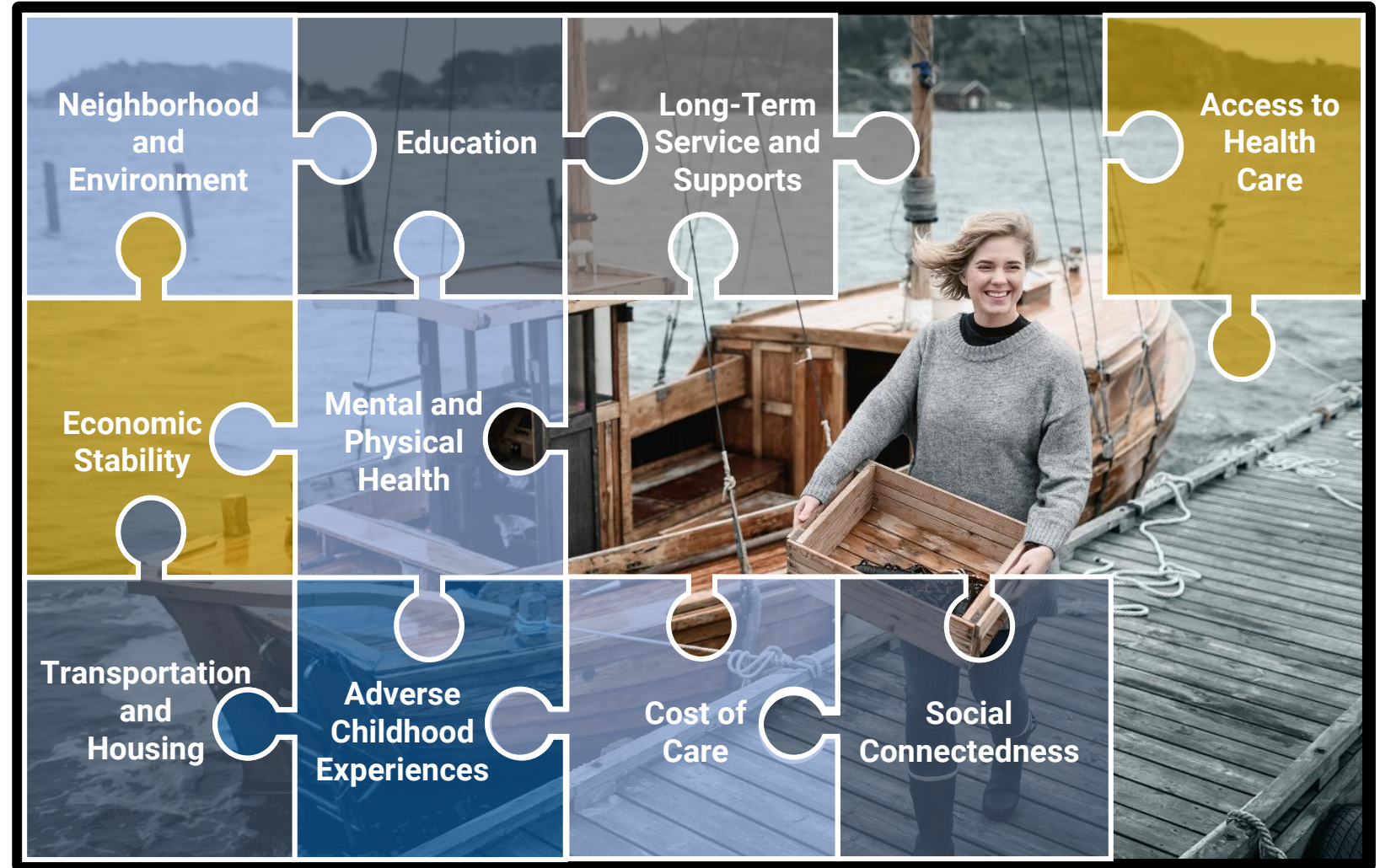


# Building Equity into the System



# Scope of Health Care

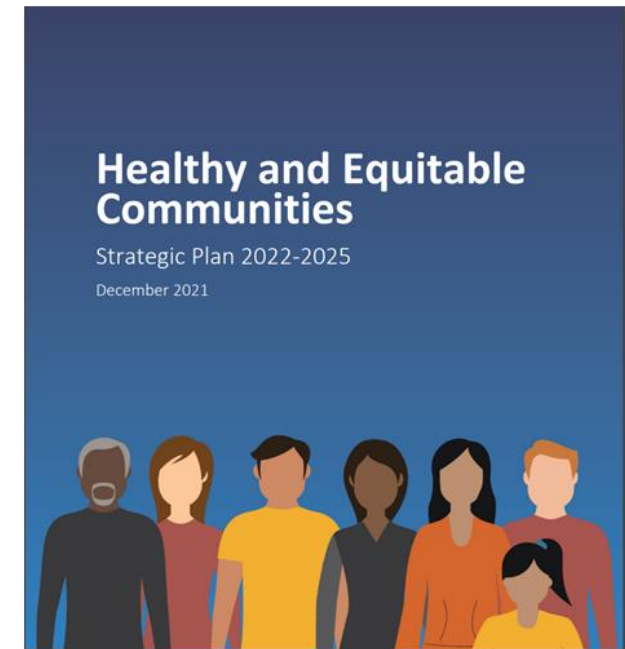
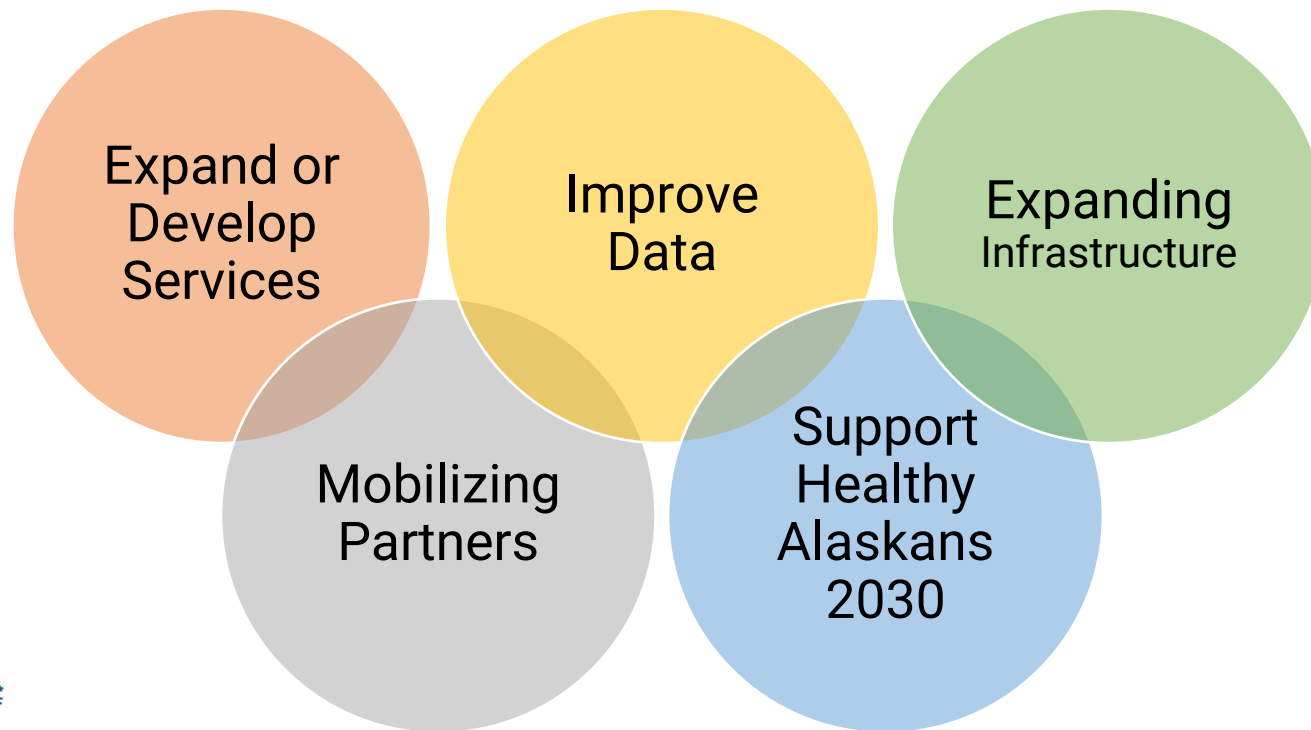
**Behind every decision, every policy, every report, there is a person.**





# Healthy and Equitable Communities

- Established in 2021 within Division of Public Health
- Mission is to partner with Alaska communities to improve conditions that support health and well-being, especially for community members who face significant barriers to better health



# Fresh Start Campaign → HRSN



- Launched December 2022
- Goal: to connect adults with **free** programs to:
  - ✓ Make a fresh start at any time in their lives
  - ✓ Feel better now
  - ✓ Prevent and manage ongoing chronic diseases

Lose weight or prevent diabetes



Lower blood sugar to manage diabetes



Lower your blood pressure



Stop smoking, vaping or chewing tobacco



Be active with your children



[freshstart.alaska.gov](https://freshstart.alaska.gov)

# Medicaid Redetermination





# Thank you

**Qâgaasakung**

*Aleut*

**Quyanaa**

*Alutiiq*

**Quyanaq**

*Inupiaq*

**AwA'ahdah**

*Eyak*

**Mahsi'**

*Gwich'in Athabascan*

**Igamsiqanaghalek**

*Siberian Yupik*

**Háw'aa**

*Haida*

**Quyana**

*Yup'ik*

**T'oyaxsm**

*Tsimshian*

**Gunalchéesh**

*Tlingit*

**Tsin'aen**

*Ahtna Athabascan*

**Chin'an**

*Dena'ina Athabascan*







# Kimberly Lamar, PhD, MPH, MSEH

Assistant Commissioner  
Tennessee Department of Health



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The Future of Public Health

# The Health Equity Plan Roadmap 2023-2025

**Kimberly Lamar, PhD, MPH, MSEH**

Assistant Commissioner

Tennessee Health Department

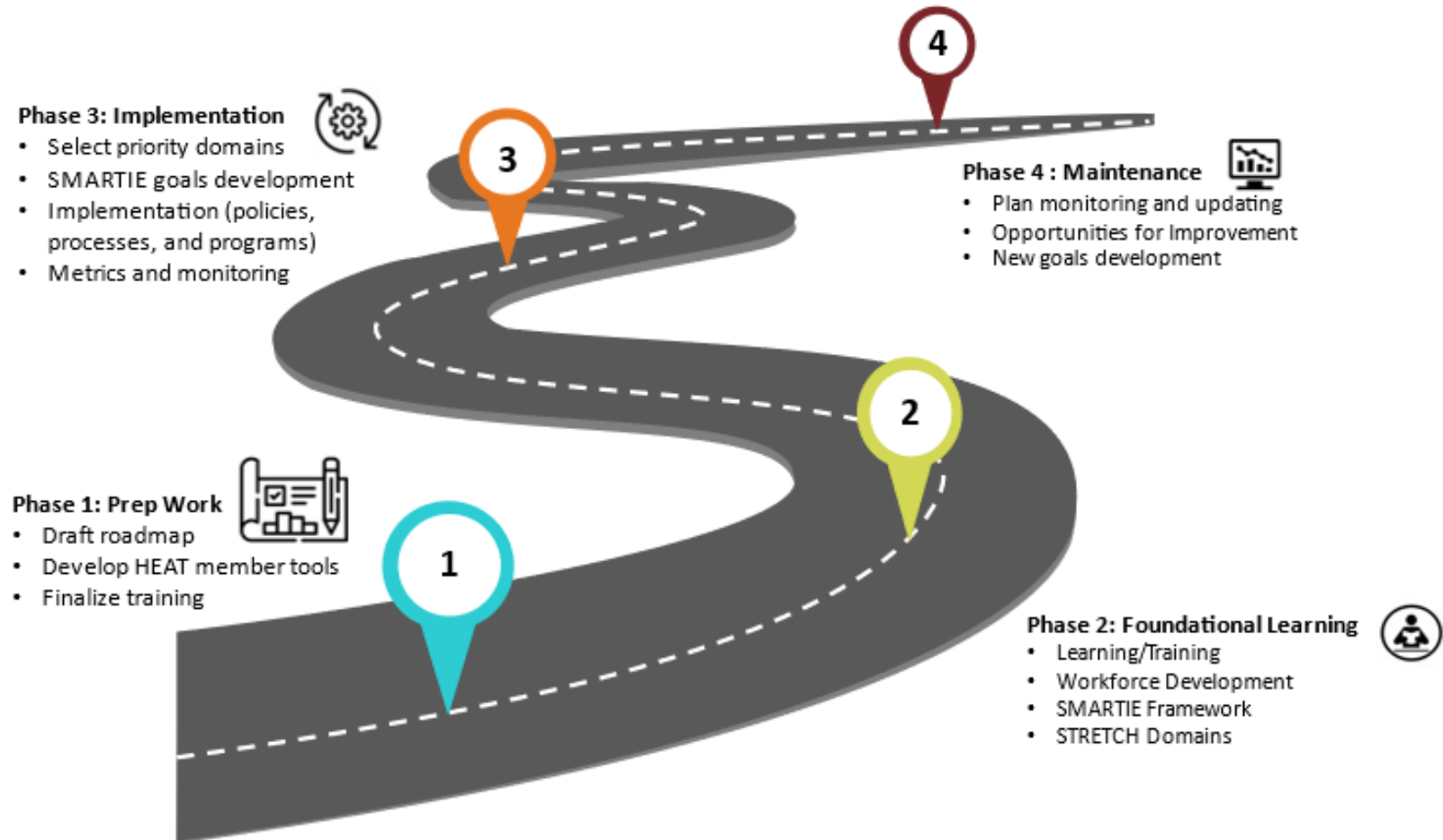
[kimberly.lamar@tn.gov](mailto:kimberly.lamar@tn.gov)

June 29, 2023

# Leading Health Equity Advancement

- Infrastructure and capacity building
- Vaccine equity
  - Community outreach and engagement
  - Provider engagement and support
  - Data management and planning
- Health disparities prioritization beyond COVID-19
- Health equity planning – STRETCH Initiative
  - CDC Foundation TN Assignee: Dr. Melody Princes-Kelley
    - Serve as a designee for communication with their respective division/office.
    - Provide support and guidance for teams in the learning, planning, implementation, and maintenance phases of the Health Equity Roadmap.
    - Assist teams in identifying training needs and resources, and share feedback, as needed.
    - Make recommendations for revising SMARTIE goals to address programs, initiatives, and practices relevant to their division/office.
    - Work collaboratively within the Department to build capacity to advance equity.

## TDH Health Equity Plan Phases





# Iris Cardona, MD

Chief Medical Officer

Puerto Rico Department of Health



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The Future of Public Health



# Puerto Rico's Health Equity Approach in Testing and Treating COVID-19

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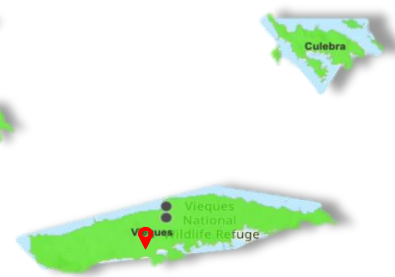
June 29, 2023

# Use of COVID-19 Therapeutics in Puerto Rico



543  
Pharmacies

21  
Test to  
Treat  
Sites



PRDOH continues to onboard independent pharmacies to ensure equal access to therapeutics

199  
Federal Retail  
Partners

53  
Hospitals and  
FQHCs

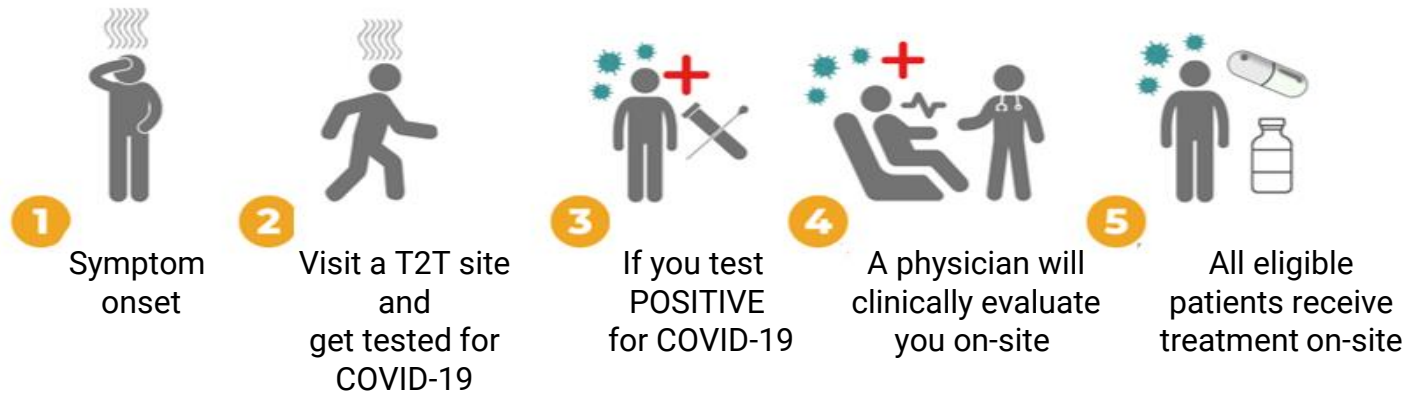
289  
Independent  
Pharmacies

2  
Infusion  
Centers

# Test to Treat Site Initiative in Puerto Rico

## Drive Through Test to Treat Site Process

Walk-in Or Drive Through

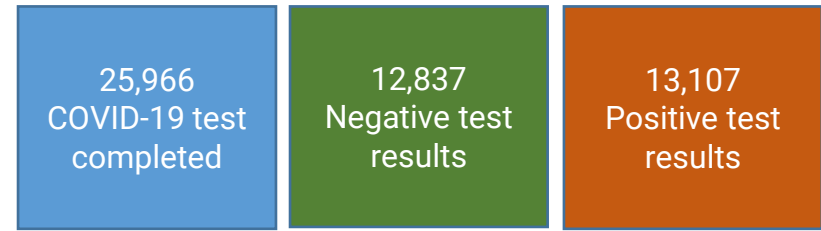


Puerto Rico established its first Test to Treat site (known as HURRA) in January of 2022, prior to federal government initiative due to our omicron surge.

**Puerto Rico Department of Health COVID-19 Test-To-Treat Sites**



**21 Test to Treat sites available in Puerto Rico.**



12,509  
Positive patients linked to treatment





# Strategies to Ensure Access to Therapeutics

## EDUCATION



Graphic Timeline for Treatment

## Tratamientos Antivirales COVID-19



**¿Qué son los Antivirales?**  
Los Antivirales son medicamentos elaborados en el laboratorio que impiden el desarrollo del virus en el cuerpo humano. De esta forma, evitan que la enfermedad progrese y que el individuo requiera hospitalización o cuidados más especializados.

Usted debe ser evaluado por su médico primario o especialista quien determinará si es elegible a recibir los antivirales para tratar COVID-19.

**¿Cómo sé si soy elegible a recibir los tratamientos orales antivirales?**  
Si tienes un resultado positivo a COVID-19 y estás en los primeros 5 días del desarrollo de síntomas, podrás ser evaluado para determinar si eres elegible.

**Criterios de inclusión**

- Prueba PCR o de antígenos con resultado positivo.
- Paciente está dentro de los primeros 5 días de comienzo de síntomas.
- Paciente sintomático, pero que aún no haya progresado a requerir hospitalización.

**Criterios de elegibilidad específicos**

<b>Molnupiravir</b> Paciente de 18 años en adelante.	<b>Paxlovid</b> Paciente adolescentes y adultos [12 años en adelante, con peso mínimo de 88 libras].
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Los criterios de ambos tratamientos no se limitan a los descritos en este documento. Se requiere una evaluación clínica y presencial de su médico primario o especialista.

**¿Cómo se toman los tratamientos antivirales?**

<b>Molnupiravir</b> El paciente toma 4 tabletas oralmente.	<b>Paxlovid</b> Se toma 3 tabletas oralmente, dos veces.
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Informative One-Pager for Antivirals

## CAPACITY BUILDING



COVID-19 Treatment Education during PR Deaf Community Walk Event



Educational Training for Community Leaders at Ponce Health Sciences University

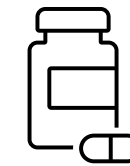


Over 100 Trainings to LTC Facilities and Shelters

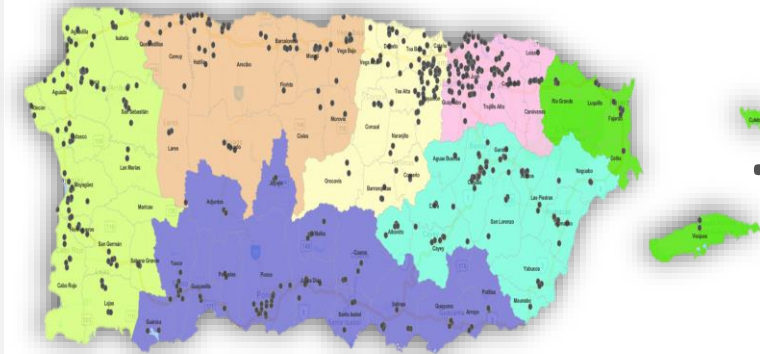


Test to Treat Site Visit in Migrant Health Mayaguez

## EXPANSION



Located in over 543 pharmacies in **78** municipalities



**Over 120,000** Antiviral courses dispensed



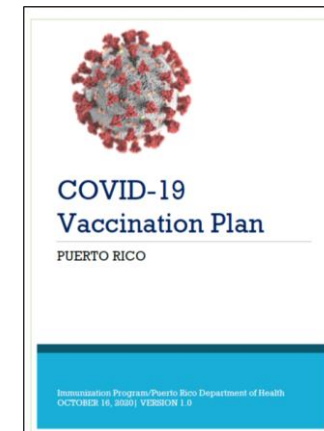
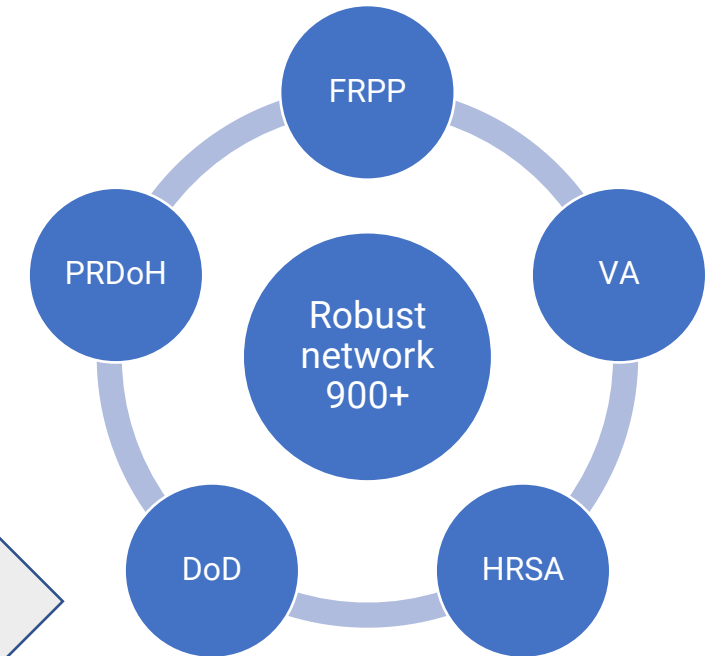
# Provider Partnership, Collaborations and Networking

## Traditional and Non-traditional

- ✓ Hospitals
- ✓ FQHCs
- ✓ VFC/VFA
- ✓ Private physicians
- ✓ Dialysis clinics
- ✓ Pharmacies
- ✓ Labs
- ✓ Mobile clinics
- ✓ Specialty clinics
- ✓ Schools/universities
- ✓ Occ health clinics
- ✓ Substance abuse clinics
- ✓ Industries/banking
- ✓ NGOs
- ✓ Penitentiaries

## Additional Settings

- ✓ Mass sites
- ✓ Homebound
- ✓ Embassies
- ✓ Airports/seaports
- ✓ Schools/universities
- ✓ Shopping malls
- ✓ Industries/banking
- ✓ Supermarkets
- ✓ Gov facilities
- ✓ Courts
- ✓ Drive thru
- ✓ Homeless shelters
- ✓ Penitentiaries
- ✓ Day care centers
- ✓ Pop-up clinics
- ✓ Beach
- ✓ Hotels
- ✓ Church
- ✓ Restaurants
- ✓ Utility companies
- ✓ Public parks
- ✓ Public residentials
- ✓ Rural areas





# Partnership and Community Engagement to Improve Health Equity



**Anne Zink,  
MD, FACEP**

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**Kimberly Lamar,  
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# Q&A

## Panel 2: Partnership and Community Engagement to Improve Health Equity

**Moderator:** Lisa Waddell, MD, MPH

### **Speakers**

- Anne Zink, MD, FACEP
- Kimberly Lamar, PhD, MPH, MS
- Iris Cardona, MD

# Video: Workforce/Vaccine Initiative Impact



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# Judy Monroe, MD

President and CEO  
CDC Foundation



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# Closing Session: Call to Action

**Moderator:** Judy Monroe, MD

**Speakers**

- Anand Parekh, MD, MPH
- Brian Castrucci, DrPH, MA
- Carolina Luna-Pinto, MPH, CHES (USPHS, CAPT)

# Closing Session: Call to Action



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# Thank you!

Please visit the *Lights, Camera, Action* website at  
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