Global Health Equity: You, Me, Everyone

27th Annual Four Corners TB and HIV Conference November 1, 2022 Flagstaff AZ

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Acknowledgements and Disclaimers

Evaluation was made possible (in part) by the Centers for Disease Control and Prevention. The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services, nor does the mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

No disclosures to report

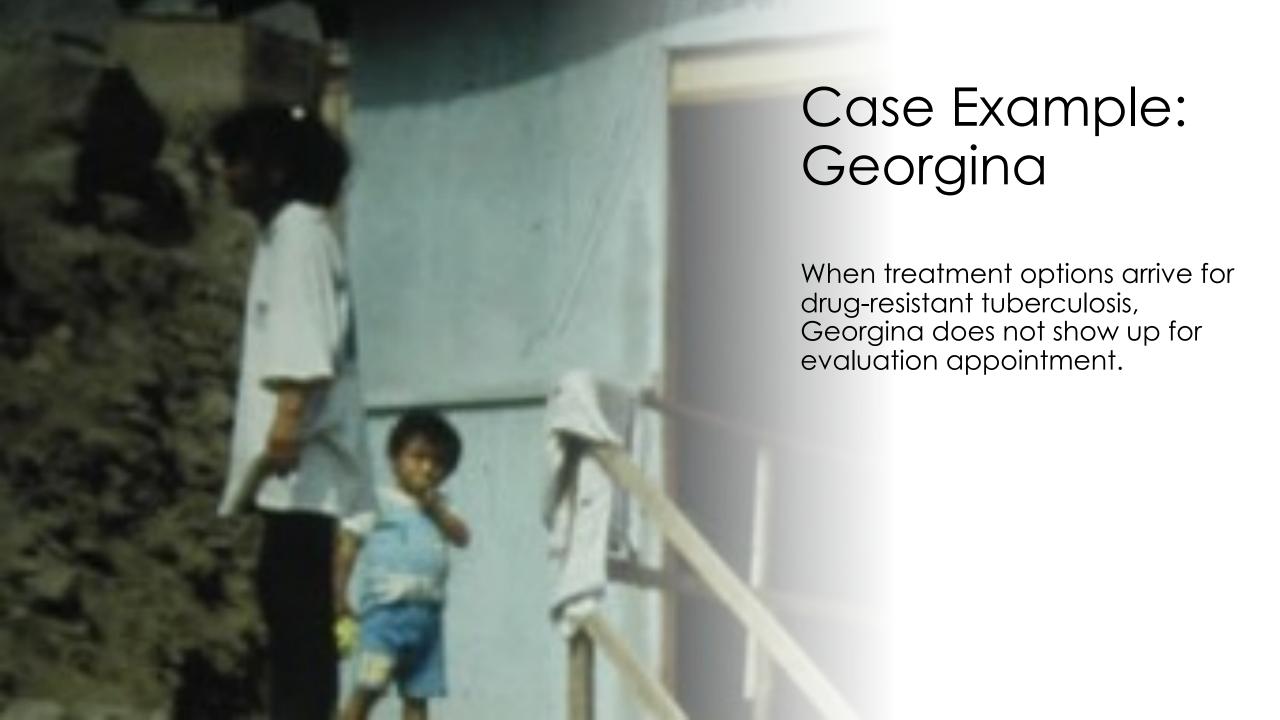
Case Example: Georgina

32 year-old woman living in Peru with her son. Treated for tuberculosis four years prior. Despite DOT with strong adherence, persistent culture-positive.

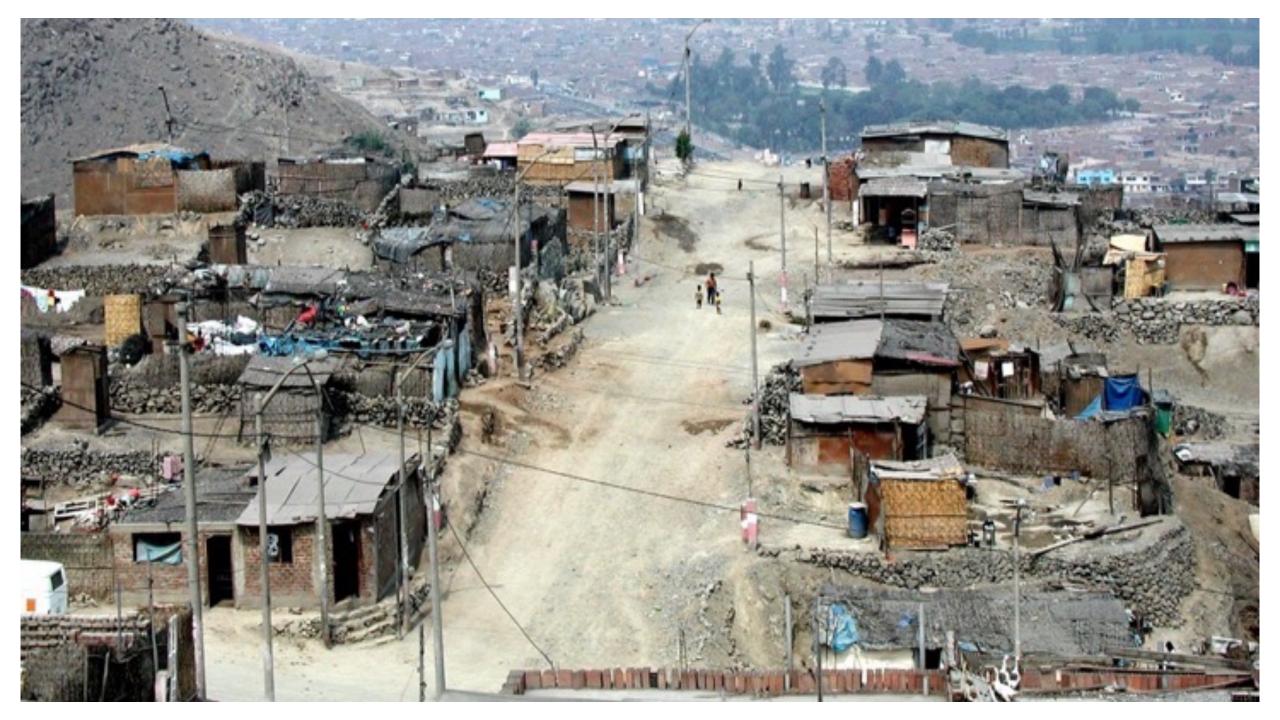
Younger sister diagnosed with multi-drug resistant tuberculosis.

Failed second round of tuberculosis treatment with progressive weight loss.











Community-based treatment of multidrugresistant tuberculosis (MDR-TB)



Community health workers
Food assistance
Directly-observed therapy in homes



Accompaniment

To accompany someone is to go somewhere with him or her, to break bread together, to be present on a journey with a beginning and an end...

There's an element of mystery, of openness, in accompaniment: I'll go with you and support you on your journey wherever it leads. I'll keep you company and share your fate for a while. And by "a while," I don't mean a little while.

Accompaniment is much more often about sticking with a task until it's deemed completed by the person or people being accompanied, rather than by the accompagnateur."

Paul Farmer Co-Founder, Partners In Health





Community
Health
Workers

Cornerstone of Accompaniment:

For three decades, Partners In Health has hired and trained more than 16,000 community health workers to help patients overcome obstacles to health care.





Case Example: Cornelia

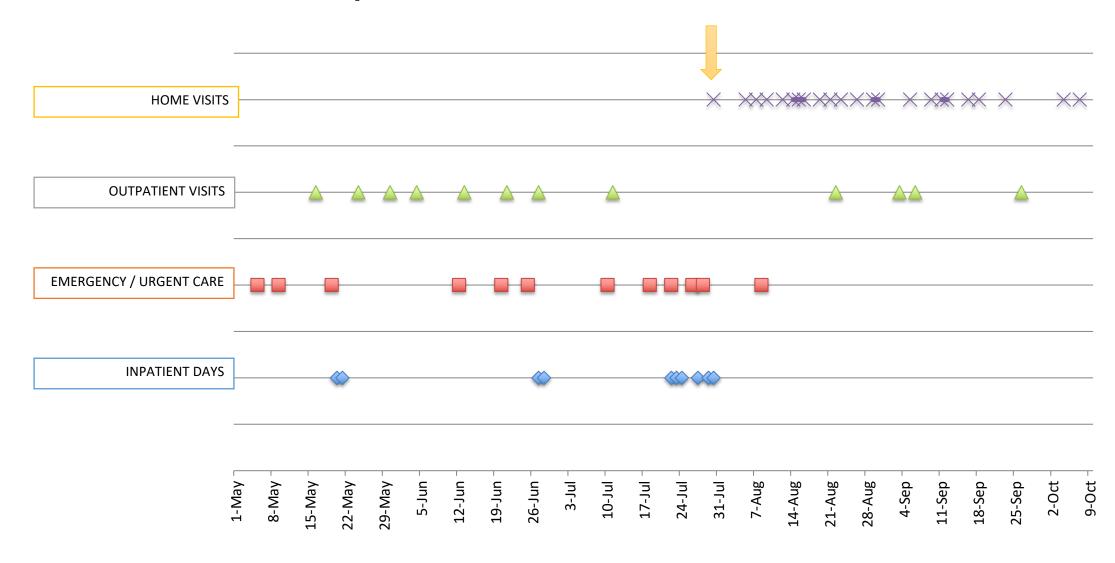
58 year-old woman living with HIV and Type 2 diabetes

- Diabetes not optimally managed, A1c ~ 10
- HIV viral load suppressed, CD4 360
- Multiple visits to Emergency Room each month for chronic pain

HIV health tech begins home visits...



Case Example: Cornelia



Health Systems Strengthening



Addressing barriers to care by...

- Shifting blame away from patient
- Shared accountability
- Healthcare system is responsible for overcoming barriers to care

Reframing "patient-centered medical homes"

- Community outreach & home visits
- Cultural humility and trauma-informed care
- Medication adherence support
- Transportation
- Food as Medicine

Equity lens: Preferential support to the most vulnerable

Strengthening health systems requires...

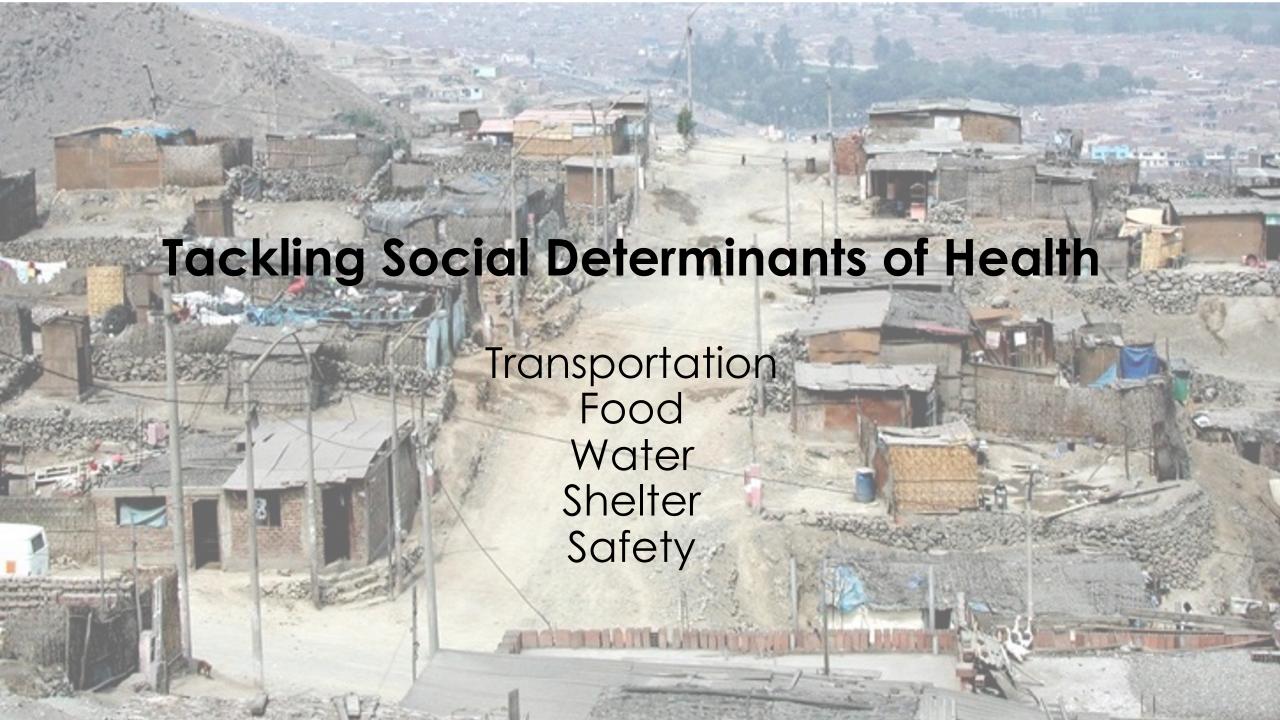
Public Sector Accompaniment

"...And by 'a while,' I don't mean a little while."



Health Systems Strengthening: Inter-professional teams







Health Systems Strengthening: Tackling social determinants of health

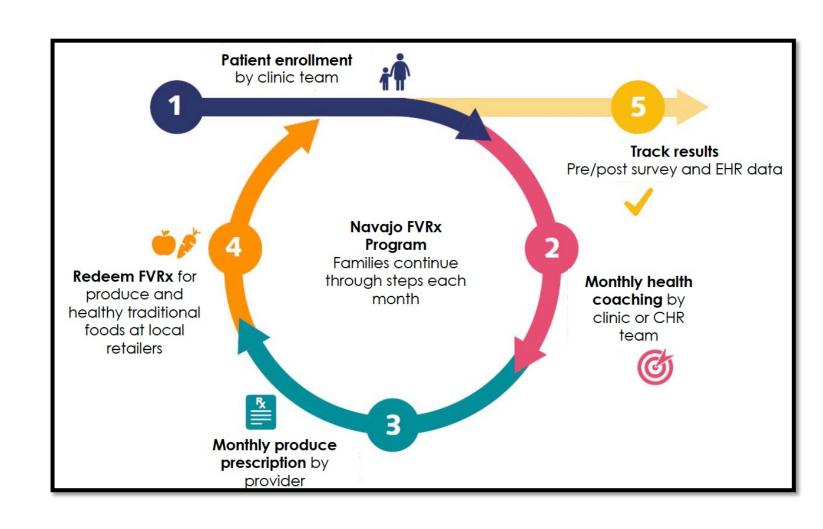
Navajo Fruit and Vegetable Prescription Program

Increased **consumption** of F&V and traditional foods

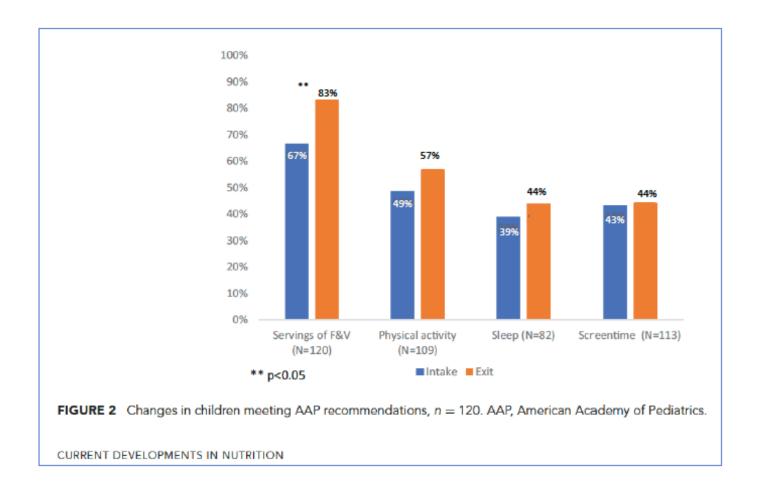
Improved inter-generational **health** outcomes

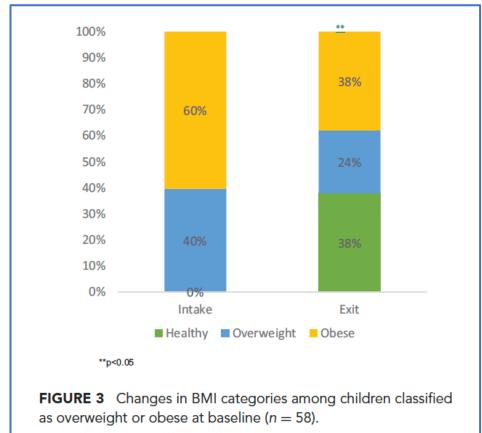
Economic stimulation to food systems on Navajo Nation

Increased food to healthy foods for *all* Navajo families

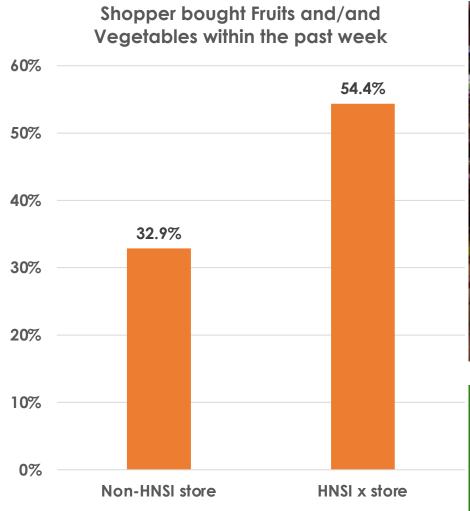


Health Impact of FVRx among Young Navajo Children





Addressing food security at the community level: positive "spill-over effect"





HEALTHY NAVAJO STORE INITIATIVE

MacKenzie OW, George CV, Pérez-Escamilla R, Lasky-Fink J, Piltch EM, Sandman SM, Clark C, Avalos QJ, Carroll DS, Wilmot TM, Shin SS. Healthy Stores Initiative Associated with Produce Purchasing on Navajo Nation. Curr Dev Nutr. 2019 Nov 7;3(12):nzz125. doi: 10.1093/cdn/nzz125. Erratum in: Curr Dev Nutr. 2020 Apr 24;4(5):nzaa026. PMID: 32154495; PMCID: PMC7053571.

"When we put veggies out, they sell. I enjoy being part of this

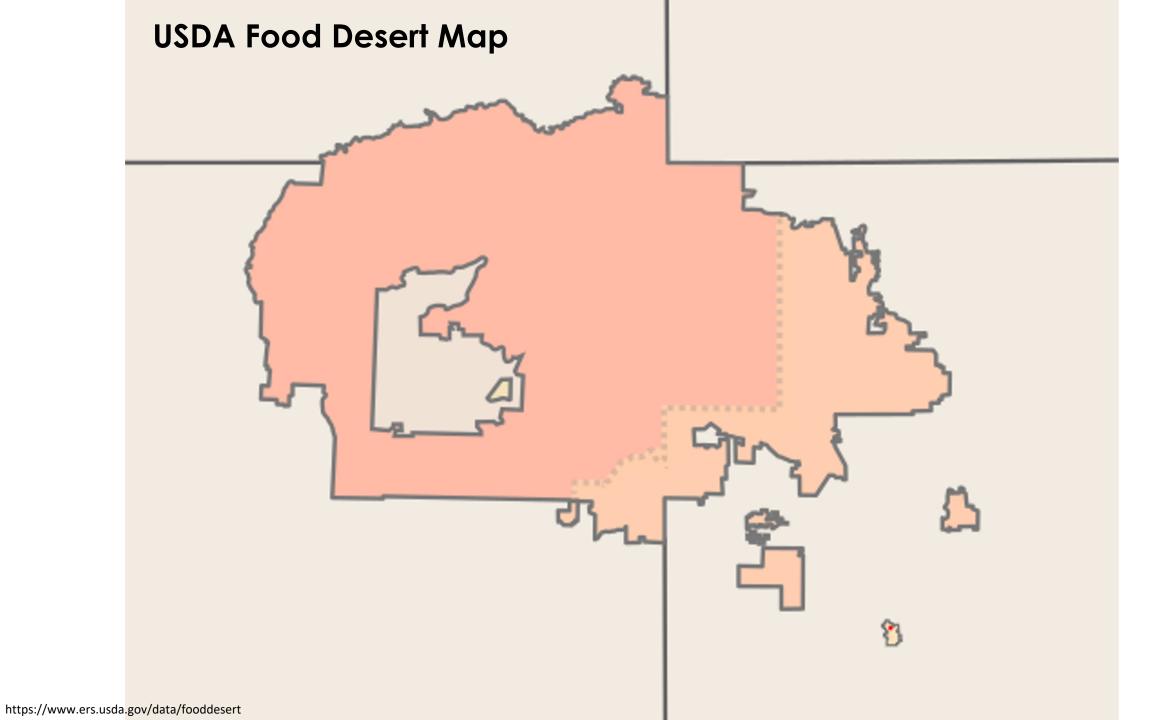
- Store Owner

"I had to approach [my kids] in a different way. She said, you have to be the role model to show them. When they see you eating it, when they see you buying it, they will take up after you." - Mother

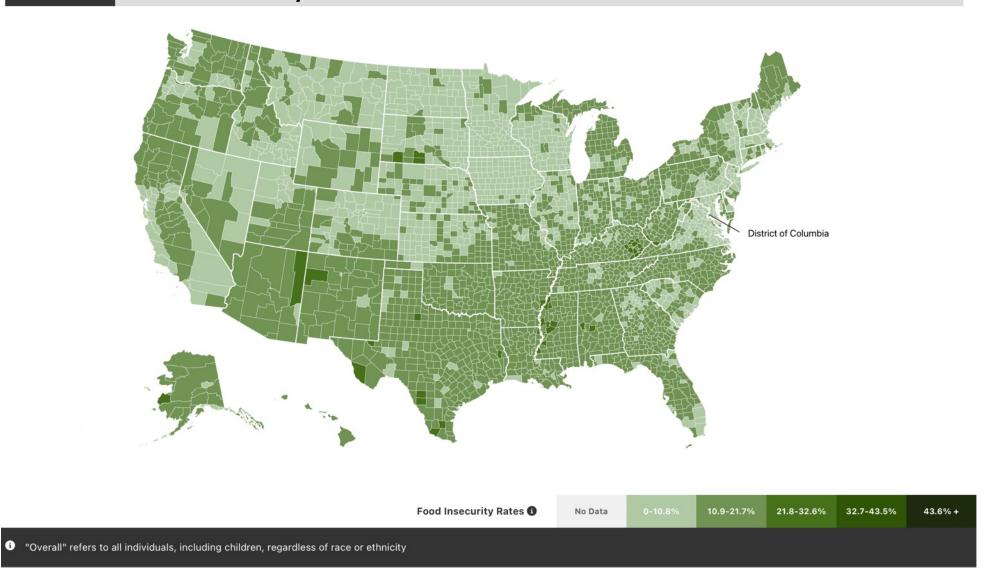


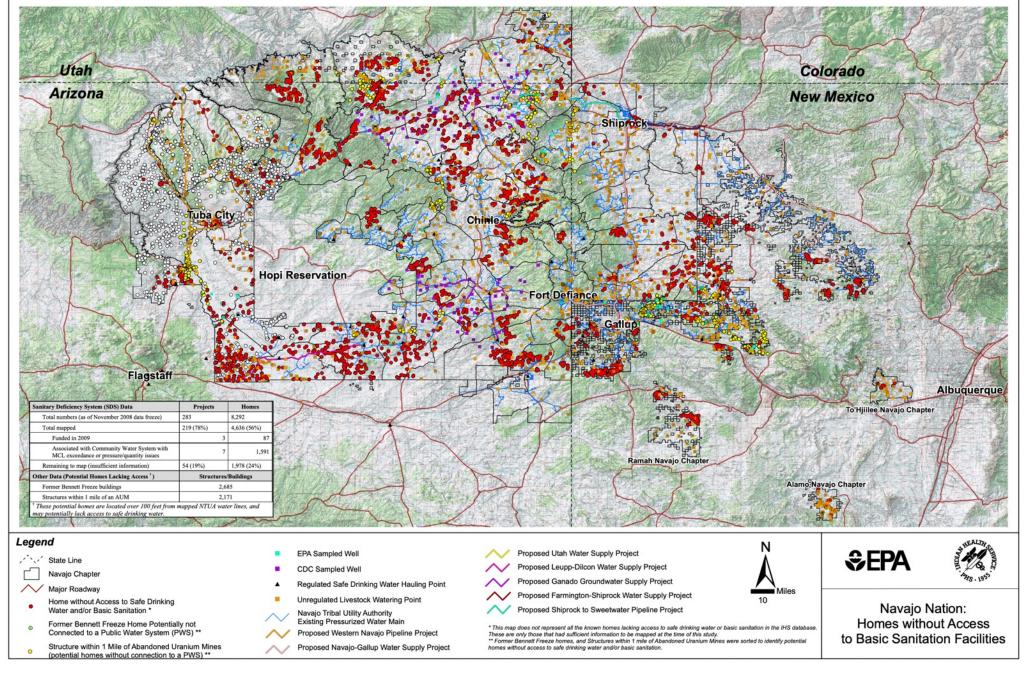
"FVRx vouchers motivate our patients to come back for followup testing and care after ."





Food Insecurity Rates





Percent of county households without full indoor plumbing

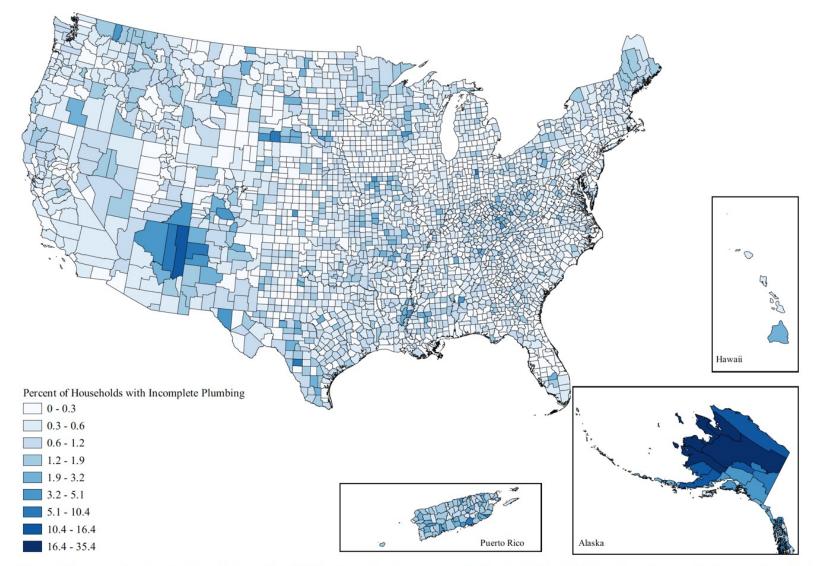
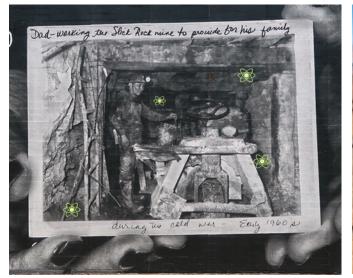


Fig. 1 Map of the percent of county households without full indoor plumbing as reported by the 2014-2018 American Community Survey. Households are determined to have incomplete plumbing if they do not have access to hot and cold water, a sink with a faucet, a bath or shower, and—up until 2016—a flush toilet.

https://www.nature.com/articles/s41467-021-23898-z

Social determinants of health are human constructs

Colonization policies designed to destroy the Diné food system, extract and divert natural resources, and disrupt intergenerational transmission of indigenous knowledge







Social determinants of health

are human constructs

> Sovereignty K'é Language Culture Self-Identity

Tribal Sovereignty and Cultural Continuity

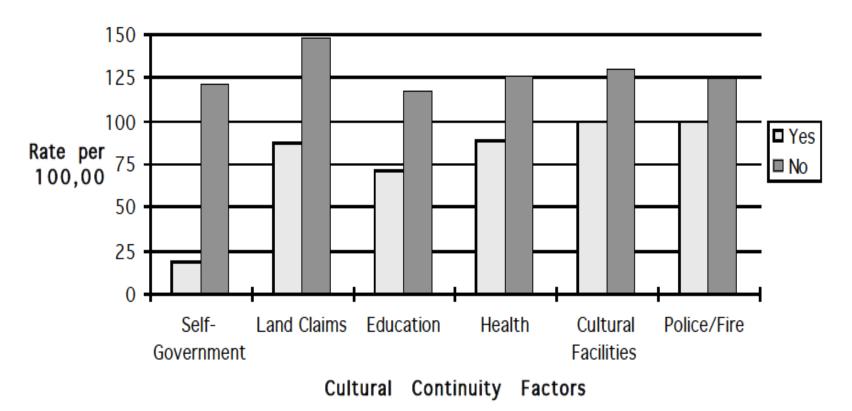


Figure: Youth Suicide Rate by Cultural Continuity Factors in Alberta First Nations

"Communities that have taken active steps to preserve and rehabilitate their own cultures are also those communities in which youth suicide rates are dramatically lower."

Language and traditions

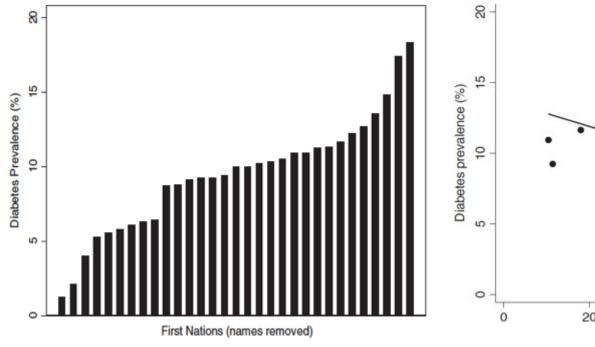


Figure 1: Diabetes prevalence by First Nations community in Alberta, 2005

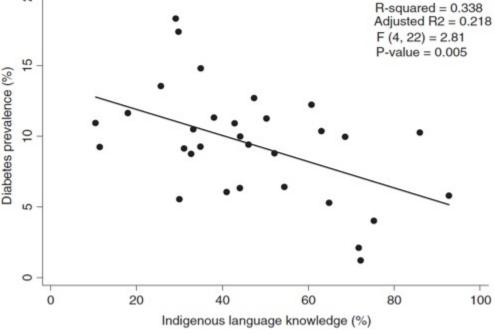


Figure 2: Diabetes prevalence by Aboriginal language knowledge, 2005

Healthy Diné Nation Act

IT'S A FACT!

The **Healthy Diné Nation Act** (Junk Food Tax) benefits everyone on Navajo Nation.



If you think two percent is a pretty small number... think again.

Back in 2014, the Nation started putting a 2 percent tax on junk food. What happened next? People gradually started choosing healthy foods and drinks.

Navajo researchers and other **experts** noticed that people are changing their eating habits. They



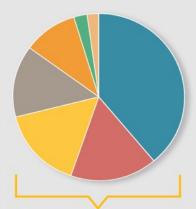
are buying water instead of sugary drinks. Convenience stores are now carrying more fresh fruit and vegetables. Costs are coming down for fresh fruit.

> The money can be used for:

- Exercise equipment
- Traditional food classes
- Building trails
- Clean water
- Taking health classes
- Creating playgrounds
- Vegetable gardens
- Waste management
- Recycling
- Cultural activities
- Arts and crafts
- Language classes

THIS IS A PROUD MOMENT FOR EVERYONE.

We're eating healthier. This is a project where everyone wins! Individuals, communities, all of the Nation. Our Chapters are using those tax monies to build trails, to buy exercise equipment, to help people be active and to live healthier lives. The HDNA Act is now permanently authorized.



- Built recreational environment \$1,807,461 | 245 projects
- **Equipment and supplies** \$767,810 | 178 projects
- Instruction and education \$731,162 | 333 projects
- Food, water, and cleanup \$651,425 | 225 projects
- Social setting \$475,790 | 225 projects
- **Emergency preparedness** \$115,420 | 81 projects
- Other \$92,870 | 28 projects



\$4,641,938!

Where does the Junk Food Tax (HDNA) money go?

It goes back to the communities.

Over 4.6 million dollars went back to Chapters, allocated for healthrelated projects. Tax money will continue to come to the communities now that the Act is permanently authorized.

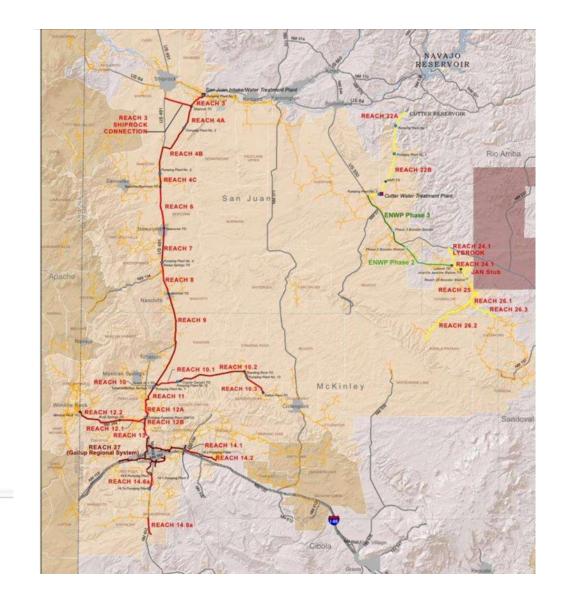
2010 Navajo Nation Water Rights Settlement Act on the San Juan River Basin



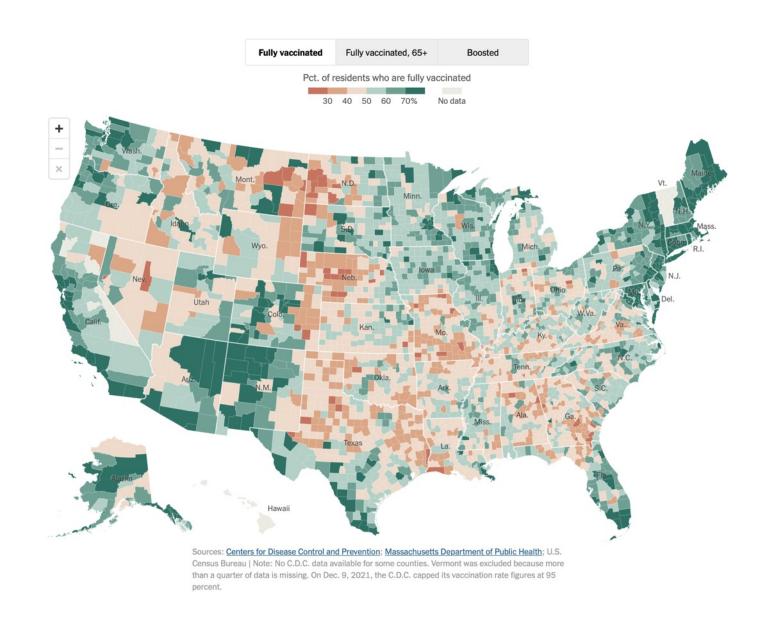
The Cutter Lateral Water Treatment Plant was completed in 2020. It delivers clean water to 1,500 households in eight Navajo communities in New Mexico. Photo courtesy of U.S. Bureau of Reclamation

Navajo-Gallup Water Supply Project projected to serve thousands of people

Thursday, January 27, 2022 By Emma VandenEinde



Percent of residents fully vaccinated against COVID-19



Community Wisdom



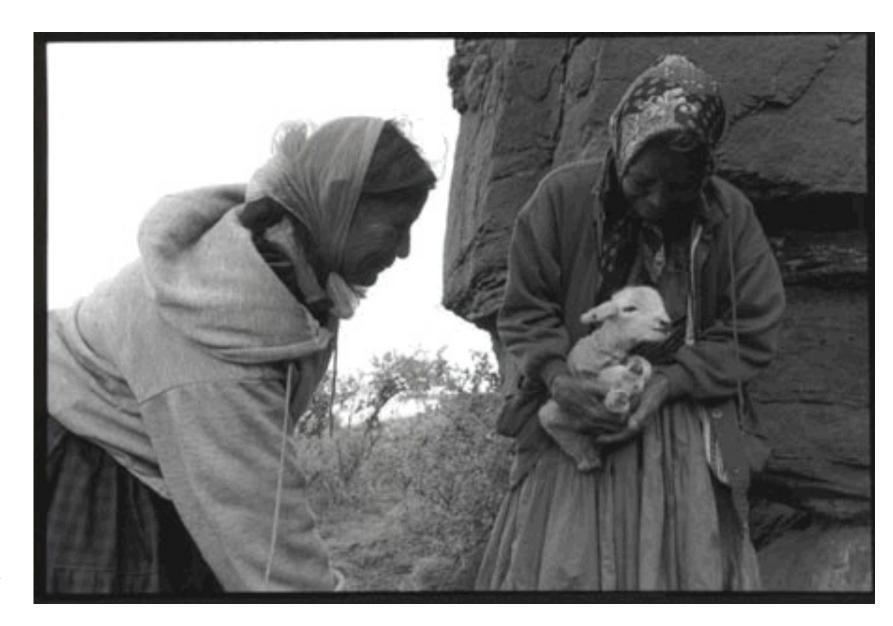
Global Health Equity ...



We accompany each other

"It's not work driven by anxiety, or guilt or fear. It's really work to save others and accompany others in difficult circumstances. This kind of work is impelled by real conviction that it's the right thing to do. But it's a joyful thing to do as well."

Paul Farmer



Ahéhee' Gracias Thank you

COPE Program

Gallup Indian Medical Center

CDC REACH

Partners In Health

Brigham & Women's Hospital

Navajo Department of Health

Navajo Area Indian Health Services

Navajo Nation CHR Outreach Program

The patients who teach us every day

Chip Thomas

And so many others

