

Online resources to help identify and address vaccine hesitancy and promote vaccine confidence



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We would like to thank Northwest Portland Indian Health Board, VacciNative Coalition, and the Centers for Disease Control and Prevention for their assistance in creating this report. The resources in this toolkit represent just a few of the many online resources. The organizations referenced in the toolkit have expansive networks of other resources and services. The featured contents of interest are not definitive; they serve as summaries of content available on each organizations' website.

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Introduction

Vaccines have been in use as early as the 15th century¹. Some sources suggest inoculation practices date back as early as 200 BC². The first successful vaccine was created in 1796 against smallpox³. Vaccines have been reported to save approximately 4 million lives a year from diseases⁴. Previous research and progressive technology has enhanced vaccine development^{5,6}. Modern research, laboratory, and surveillance techniques ensure vaccines are safe and available for use ⁶.

Despite the historical effectiveness of vaccines, coverage and confidence has waned over the years^{7,8}. Vaccine coverage declined during the COVID-19 pandemic due to mistrust ^{5,9}. Vaccination rates continued to decline as misinformation circulated through a variety of media sources¹⁰. Vaccine opponents utilized the convenience of social media to discredit vaccine safety and effectiveness¹⁰. Some efforts to combat misinformation included words and concepts that were unfamiliar or confusing to the layperson¹¹. Messaging and conversations need to appeal to the reader¹². There are now several resources that are available for vaccine advocates to use to improve communication related to vaccination.

The purpose of this toolkit is to provide a consolidated, though not exhaustive, list of vaccine communication resources for health professionals. These resources are provided for use in planning vaccine projects, expanding existing programs, and creating clinical or community products, etc. The versatility of the resources in this toolkit allow users to customize effective strategies for their communities and purposes.

Vaccine Confidence

The Centers for Disease Control and Prevention (CDC) defines vaccine confidence as "the belief that vaccines work, are safe, and are part of a trustworthy medical system"¹³. Factors that affect confidence are culture, experience, knowledge, adverse reactions, and history/longevity^{1,13}.

The dichotomy of confidence is fact and perception. Education and awareness must go beyond giving the facts and consider the values, opinions, and understanding of the target audience^{1,14,15}. Framing vaccine promotion in a relevant context can help people feel confident in vaccinations^{1,14,15}. Strategies based on community-revered principles present a connection between science and community¹⁴.

Resources for Health Care and Public Health Workers

The resources in this section help health care workers recognize, define, and address vaccine hesitancy. Resources include strategies and techniques for discussing vaccinations with patients and encouraging vaccine confidence.

Indian Health Services (IHS)

- E3 Vaccine Strategy | National Pharmacy & Therapeutics Committee (ihs.gov)¹⁶
 - The strategy is designed to prioritize vaccination in all age groups and health-related settings.
 - Content of interest:
 - E3 Operational Plan (Jan 2023)
 - National Pharmacy and Therapeutics Committee (NPTC) E3 Presentation

Mission and Goals

from a vaccine preventable illness.

No unvaccinated AI/AN person will suffer a poor outcome or die

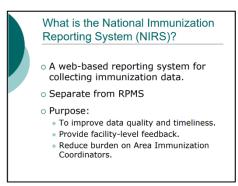
1. Increase vaccine rates in Indian Country to the highest level

Reduce rates of vaccine-preventable illness in Indian Country 3. Save Al/AN lives in every community & every age group

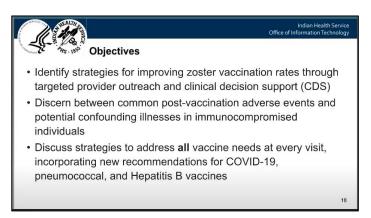
- **IHS E3 Vaccine Strategy Documentation (Nov** 2022)
- E3 Factsheets
- Provider resources
- Patient resources
- E3 National Immunization Reporting System Training Materials

· Goals

- E3 Sample Best Practice
- Immunization and Vaccine-Preventable Diseases Resources for Providers¹⁷
 - These resources help health care providers initiate and guide discussions about vaccines.
 - Ocontent of interest:
 - Influenza resources
 - Vaccine recommendations
 - IHS immunization software resources
 - **National Immunization** Reporting System (NIRS) training PDF



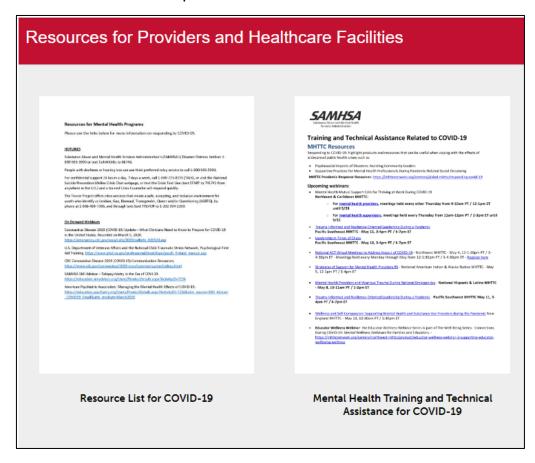
- Resource and Patient Management System (RPMS)
 Training Webpage
- Policies and Guidelines
- Reminder/recall information and strategies
- IHS immunization program HPV toolkits and information
- Community Health Workers/Representative resources
- On-demand webinars or articles that provide free continuing education credits
- Vaccine safety and reporting
- Other immunization resources
- Immunization and Vaccine-Preventable Diseases Trainings & Webinar¹⁸
 - The webpage is a compilation of trainings and webinars to improve pediatric immunization and reporting systems.



- Immunization and Vaccine-Preventable Diseases Statistics and Reports¹⁹
 - Statistics and Reports of vaccine coverage and national performance measures.

National Indian Health Board (NIHB)

- NIHB COVID-19 Community Health Tools²⁰
 - This website offers resources, FAQs, and infographics for Tribal public health departments and workers, community organizations, and Tribal community members.
 - Resources for healthcare workers include:
 - COVID-19 Response Plan Template
 - Resources for providers and healthcare facilities
 - Research reports



Centers for Disease Control and Prevention (CDC)

- CDC Tribal Health²¹
 - CDC Tribal Health page lists supportive resources for Tribal communities and links to other Tribal partners.
 - o Content of interest:
 - COVID-19 Resources for Tribal Communities
 - How Can CDC Support Tribes?
 Plan Prepare, and Respond PDF
 - World Health Organization
 COVID-19 pandemic
 - Social Stigma associated with COVID-19 PDF

What is Health Equity?²²

- CDC Health Equity CORE strategy addresses health disparities with a systematic approach to factors affecting health equity.
- o Content of interest:
 - Factors affecting health equity
 - Office of Health Equity's role in CDC's CORE commitment to health equity
 - Optimize interventions
 - What you can do to promote health equity

Minority Health²³

- CDC Minority Health is a compilation of reports, studies, and strategies to address and combat health disparities due to racism.
- Content of interest:
 - Health Disparities and Strategies Reports
 - Racism and Health
 - Leading Causes of Death Males United States
 - Leading Causes of Death Females United States



- Student Programs
- Events and Continuing Education
- Foundations of Health Equity Self-Guided Training Plan

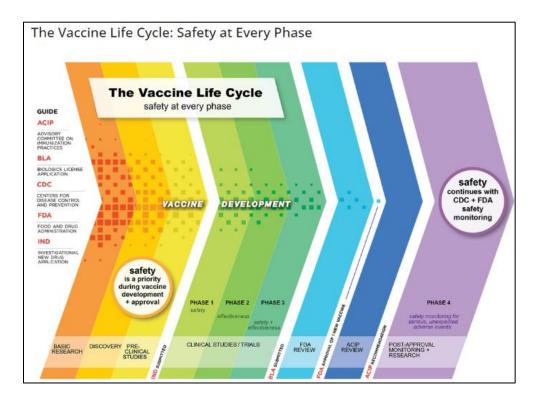


- COVID-19 Vaccination Field Guide: 12 Strategies for Your Community²⁴
 - The field guide is a detailed manual of evidence-based and research supported strategies to promote COVID-19 vaccination uptake and confidence.
- Advisory Committee on Immunization Practices (ACIP)²⁵
 - The ACIP webpage is the portal to meetings, vaccine recommendations, ACIP membership, and work groups.
 - Content of interest:
 - ACIP recommendations
 - Meeting information
 - Committee information
 - Committee members
 - Membership application
 - Work groups
 - Evidence-based recommendations process





- Frequently Asked Questions about COVID-19 Vaccination²⁶
 - This page addresses commonly asked questions about COVID-19 vaccination.
 - Content of interest
 - Getting your updated COVID-19 vaccines
 - Getting children and teens vaccinated
 - Safety
 - Benefits
 - After your vaccine
- U.S. Vaccine Safety Overview, History, and How It Works²⁷
 - U.S. Vaccine Safety page is a high-level review of vaccine development, testing, and legalities.
 - o Content of interest:
 - The National Childhood Vaccine Injury Act
 - The vaccine life cycle: Safety at every phase
 - How CDC monitors vaccine safety
 - Improvements in vaccine safety
 - The future of vaccine safety



- COVID-19 Communication Resources²⁸
 - COVID-19 Communication Resources aids in delivering effective, relevant, and factual information to the public in videos, braille-ready files, and website applications.
 - o Content of interest:
 - Guidance Documents
 - Image Library
 - Widgets, Buttons, and Graphics



US Department of Health and Human Services (HHS)

- Vaccines National Strategic Plan²⁹
 - The Vaccine National Strategic Plan is a roadmap of the coordination of vaccine development and use in the United States.
 - o Content of interest:
 - Vaccines National Strategic Plan2021-2025 PDF
 - Background and History
 - Vision and Goal
 - Vaccines Federal ImplementationPlan 2021-2025 PDF
- Featured Priorities³⁰
 - This page lists and summarizes HHS vaccines and immunization priorities central to improving the vaccination system in the United States.
 - Content of interest:
 - Catch-up Vaccination
 - Adult Immunization
 - HPV Immunization
 - Vaccine Confidence
 - Vaccine Innovation
 - Vaccine Safety



Northwest Portland Area Indian Health Board (NPAIHB)

- VacciNative Indian Country ECHO31
 - VacciNative is a national alliance of Native Elders, clinicians, and public health professionals dedicated to sharing accurate vaccine information.



- Content of interest:
 - Infectious Disease ECHO Program
 - A guide to understanding Childhood Vaccines
 - A guide to building vaccine confidence with families
 - COVID-19 Resources



Inter Tribal Council of Arizona, Inc. Tribal Epidemiology Center (ITCA TEC)

- <u>Vaccine Promotion Resources</u>³²
 - ITCA TEC offers vaccine program support, needs assessment, promotional strategies, and training/technical assistance.
 - o Content of interest:
 - CDC Clinical Guidance for COVID-19 Vaccination
 - COVID-19 Vaccine Standing Orders
 - TEC Request for Services

Requ	ested Date: (ex. MM/DD/YYYY) RTA I.D.
	Completed: (ex. MM/DD/YYYY) INITIALS:
. Requ ame:	ester Information Address:
iame:	Address.
ribe/Or	g: Phone:
epartm	ent: Email:
. Pleas	e provide a brief description of the requested TEC support.
Tech	nical Assistance
	(Please check all that apply)
	Community Health Profile (CHP)/Community Health Assessment (CHA)
_	Reports that helps to determine the health status of Tribal communities.
_	
	Other Report Construction
_	Assistance in writing & assembling a paper with content or data provided by the requesto
	Data analysis
	A short report that examines health information and provides an interpretation of data.
	Data search
	A search to locate publically available data.
	Develop health educational materials
	Provide Tribal communities with brochures and/or health bulletins on disease topics.
	Document review
	Support in the form of reading and editing grants, projects, health reports, papers, etc.
	Literature search
	A gathering of reports and published materials on a health topic.
	Program evaluation
	A systematic way of determining if tribal health projects are effective and efficient.
	Survey design or question development
	Creating surveys for Tribal communities and health programs.
	Public Health Workshops
	rubiic rieatti Workshops
	Other Contact TEC to discuss other available TEC support.

State

- Arizona
 - o Providers Arizona Partnership for Immunization³³
 - The Arizona Partnership for Immunization is a statewide coalition dedicated to developing and coordinating immunization education programs and advocating for better healthcare needs in the public and private sector.

The Arizona Partnership for Immunization – TAPI



They Still Need You to Help Protect Their Future

Teen vaccine campaign materials are available on the Free Materials Page.

- Content of interest:
 - COVID-19 Vaccine How To's & Useful Info for Providers
 - COVID-19 Provider Resources
 - HPV Vaccine Resources: Other Provider Resources
 - Outbreak Information
 - Vaccine Advocacy
 - Vaccine Safety
 - Outside Resources
 - Trainings
 - The Pink Book

Nevada

- o Immunizations (nv.gov)³⁴
 - The Nevada State Immunization Program (NSIP) works with local health and educational institutes to facilitate equitable vaccine access.



- Content of interest:
 - COVID-19 Vaccine Information
 - MPox
 - Vaccine for Children (VFC) Program
 - <u>Nevada WebIZ Our Statewide Immunization</u>
 Information System
 - Health Level Seven (HL7) Electronic Data Exchange (Interface)
 - Antepartum & Postpartum Cocooning with Tdap and Influenza Vaccine
 - Perinatal Hepatitis B Prevention
 - Vaccine Preventable Diseases
 - Special Immunization Projects
 - Influenza
 - School and Child Care Facility Immunizations

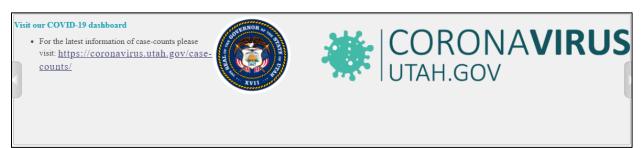
o Immunize Nevada³⁵

- Immunize Nevada offers resources for providers, caregivers & families, and school & childcare administrators.
- Content of interest:
 - Healthcare Providers
 - School & Child Care Administrators



Utah

- o Utah Department of Health & Human Services³⁶
 - The Utah Health Department site provides resources for healthcare providers to discuss vaccination with patients and increase confidence in getting vaccinated.

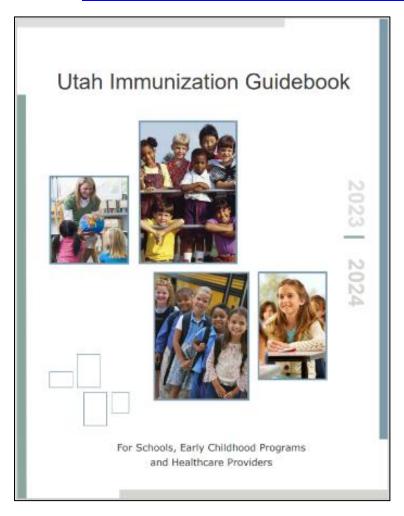


Content of interest:

- Immunization Evaluation
- Utah Statistics
- Immunization Reporting
- HPV Information for Providers
- Medical Assistant Training
- <u>Utah Statewide Immunization Information System</u>
 (USIIS)

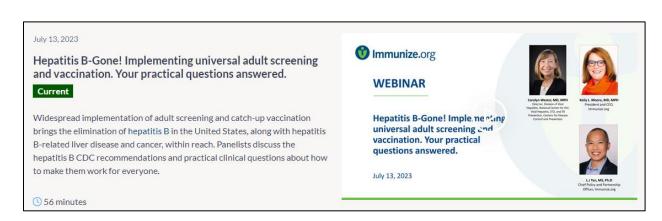
o Childhood Program Requirements³⁷

- The School & Early Childhood Program Requirements page includes state specific childhood and school vaccine requirements and resources to promote immunizations.
- Content of interest:
 - Utah Immunization Guidebook
 - Utah Immunization Rule
 - K-12 School COVID-19 Recommendations
 - <u>Immunization Exemptions</u>
 - School & Childcare Immunization Requirements
 - Educational Modules
 - Schools & Early Childhood Program Immunization



Other Resources

- <u>8 communication strategies to boost COVID-19 vaccine acceptance</u> | American Medical Association (ama-assn.org)³⁸
 - The American Medical Association (AMA) provides a review of 8 best practices to build confidence in COVID-19 vaccines.
- Vaccine Confidence & Addressing Concerns³⁹
 - Immunize.org addresses concerns, provides methods to build confidence, offers a spectrum of vaccination promoting resources, and explains vaccine-related terms and concepts.
 - Content of interest:
 - Topic Areas
 - Additional Resources
 - Unprotected People Stories
 - Image Library
 - Vaccine Manufacturers Contact and Product Information
 - Vaccine Apps
 - Email News Services
 - Immunize.org Partners
 - Webinars & Videos



Public Resources

The resources in this section are for community dissemination and viewing. Graphics can be downloaded for immediate use, ordered in bulk, or customized to appeal to targeted audiences and communities. These resources are for general audiences to view in public locations or health-related facilities.

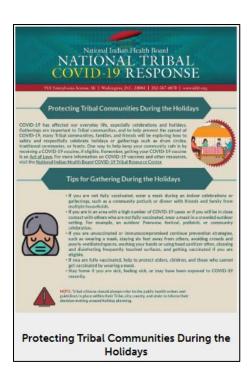
Indian Health Services (IHS)

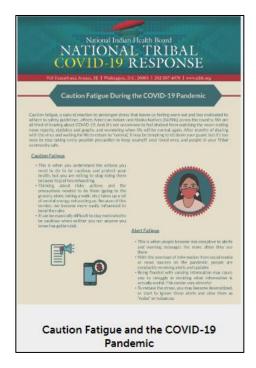
- <u>Immunization and Vaccine-Preventable Diseases Resources for Patients⁴⁰</u>
 - The Resources for Patients page provides helpful resources to share with patients to keep them informed on immunization schedules and why regular vaccinations help prevent disease.
 - Content of interest:
 - Vaccine Posters, Broachers, and Public Service Announcements
 - Vaccine Basics and Toolkits
 - Immunization Schedules
 - Lifespan Immunizations



National Indian Health Board (NIHB)

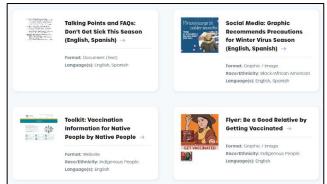
- COVID-19 Community Health Tools²⁰
 - The COVID-19 Community Health Tools page includes links to resources, FAQs, fact sheets, and infographics for Tribal public health departments and workers, community organizations, and Tribal community members on COVID-19.
 - Content of interest:
 - Community health tools
 - Infographics
 - Flyers
 - FAQs
 - Resources created by Tribes
 - YouTube videos
 - Publications
 - COVID-19 information webpages
 - NIHB Youth Health Policy Fellowship Videos





Centers for Disease Control and Prevention (CDC)

- Partnering for Vaccine Equity Resource Hub⁴¹
 - The site provides access to diverse, culturally relevant and accurate
 - materials that communitybased organizations (CBOs) and the public can use to educate and inform their community about vaccines.
 - Content of interest:
 - Resources
 - Create Resources



• COVID-19⁴²

 The CDC COVID-19 page offers a wealth of resources to help educate the public and raise awareness about COVID-19 disease, testing, treatments, and medications.



- Content of interest:
 - Symptoms of COVID-19
 - Testing for COVID-19
 - Treatment and Medications
 - Get the Latest on COVID-19, Flu, and RSV
 - Understanding Your Risk
 - Prevention
 - If You Were Exposed
 - If You are Sick
 - Long COVID
 - Protect yourself and others form COVID-19, Flu, and RSV

- Myths and Facts about COVID-19 Vaccines⁴³
 - CDC Myths and Facts about COVID-19 vaccines promote vaccine confidence by addressing common myths and facts about COVID-19 vaccinations and links to other COVID-19 related topics.
 - Content of interest:
 - Long-term health issues after COVID-19 infection
 - Getting a COVID-19 vaccine after having COVID-19
- FACT: COVID-19 vaccination causes a more predictable immune response than an infection with the virus that causes COVID-19.

 COVID-19 can cause severe illness or death. You can also continue to have long term health issues after COVID-19 infection. Getting sick with COVID-19 offers protection from future illness. This protection is sometimes called "natural immunity". The level of protection people get from a COVID-19 infection may vary depending on how mild or severe their illness was, the time since their infection, and their age.

 Getting a COVID-19 vaccine can provide added protection for people who already had COVID-19.

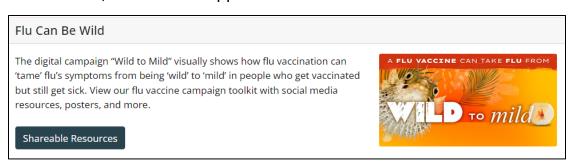
 Learn about why you should get vaccinated even if you already had COVID-19.

Getting a COVID-19 vaccine is a safer and more dependable way to build immunity to COVID-19

- Ingredients
- COVID-19 vaccines for people who would like to have a baby
- How COVID-19 vaccines work
- Vaccine Adverse Event Reporting System (VAERS)
- Finding credible vaccine information

Communication Resources²⁸

 The COVID-19 Communication Resources aids in delivering effective, relevant, and factual information to the public in videos, braille-ready files, and website applications.



- Ocontent of interest:
 - Videos
 - Print Resources
 - Resources for Limited-English-Proficient-Population
 - Braille
 - Easy to Read COVID-19 Materials

How to Engage the Arts to Build COVID-19 Vaccine Confidence⁴⁴

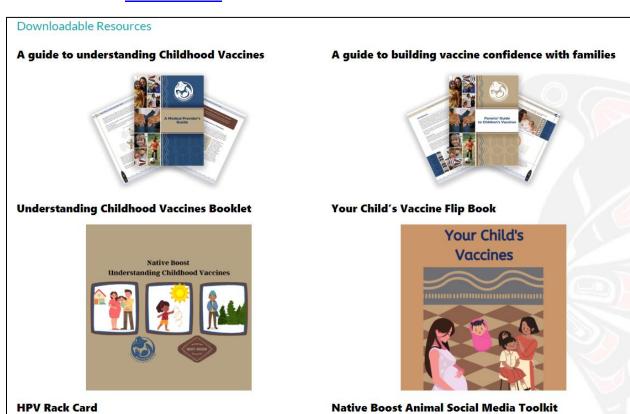
 The CDC shares field guides, resources, and examples that public health professionals, health communicators, teachers, and community organizations can use in their work to increase COVID-19 vaccination confidence and demand through the arts.



- Content of interest:
 - Examples of Arts and Culture in Public Heath Vaccination
 Efforts
 - Downloadable Field Guides for Building Creative Partnerships,
 Programs, and Vaccination Campaigns

Northwest Portland Area Indian Health Board (NPAIHB)

- <u>VacciNative Indian Country ECHO³¹</u>
 - The VacciNative site provides ready-for-use or customizable social media posts.
 - o Content of interest:
 - VacciNative Flu Toolkit
 - VacciNative Vaccine Series & Booster Shoot Toolkit
 - Native Boost



Inter Tribal Council of Arizona, Inc. Tribal Epidemiology Center (ITCA TEC)

- Vaccine Promotion Toolkit³²
 - The Vaccine Promotion Toolkit includes customizable messaging templates to promote vaccine confidence via social media posts, flyers, and posters.

Vaccine Promotion Toolkit



Sample Posters

State

Arizona

- Arizona Partnership for Immunization⁴⁵
 - Arizona Partnership for Immunization offers free vaccine

advocacy materials for community education and awareness.

- Content of interest
 - Parent Page Infant,
 Toddler & Child
 - <u>Teen's Page</u>
 - For Adults
 - <u>Employer Immunization Information</u>
 - Child Care
 - Arizona School Nurses & Health Office Staff Resources
 - Where to Go For Your Shots
 - Free Materials
- Arizona Department of Health Services (AZDH) Vaccines Save Lives⁴⁶
 - Vaccines Save Lives houses a PSA for vaccine preventable diseases and links to printable vaccine schedules, and other recommended vaccinations.



- Content of interest:
 - Child immunization recommended schedule
 - Adult immunization recommended schedule
 - Pregnancy and vaccination
 - Travel vaccines
 - Vaccines Save Lives video
- Nevada
 - o ABCs of Hepatitis Nevada⁴⁷

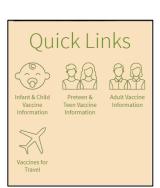




The presentation reviews key points about hepatitis diseases.

o Immunize Nevada³⁵

- Immunize Nevada provides evidenced-based information needed to make educated and informed decisions about health, as well as local vaccination resources.
- Content of interest:
 - Vaccinations for Infants & Children
 - Vaccinations for Preteens & Teens
 - Vaccinations for Adults
 - Vaccines for Travel
 - Immunization Records
 - Vaccine Preventable Diseases
 - Find a Vaccine Provider



Utah

- Immunization Program⁴⁸
 - The Utah Department of Health and Human Services
 Immunization Program aims to improve health by promoting vaccines to combat vaccine-preventable disease.



- Content of interest:
 - Public Information
 - Order Education Material
- Coronavirus Utah.gov Community Health Resources⁴⁹

- The Community Health Resources offer help during COVID-19 infection and includes subsidy information.
- Content of interest:
 - What do my test results mean?
 - Do you need help paying for food?
 - Do you need help paying rent or finding a place to live or stay while you are sick with COVID-19?
 - Do you need help paying for utility bills?
 - Do you need help finding a doctor, clinic, or health insurance?
 - Do you have questions about COVID-19 vaccines or where to find them?
 - If you have COVID-19 there are medicines that can help keep you from getting severely ill.



Do you need help paying for food?

- If you need food right away visit FeedUT.org or call (801) 978-2452. You can also visit Utah Against Hunger at https://www.uah.org/get-help to find food resources near you.
- You may also qualify for the WIC program or SNAP (Supplemental Nutrition Assistance Program or sometimes called food stamps). To find out if you qualify, visit https://wic.utah.gov/ or SNAP Nutrition Assistance.

Do you need help paying rent or finding a place to live or stay while you are sick with COVID-19?

- Utah Community Action
- Utah Rent Relief
- Homeless prevention and rapid re-housing program and temporary assistance for needy families emergency fund

Do you need help paying for utility bills?

You may be able to get help paying for your heating or cooling bills from the HEAT Energy Assistance program. Visit https://jobs.utah.gov/housing/scso/seal/heat.html or call 1-866-205-4357.

Do you need help finding a job?

- If you've lost your job, you may qualify for unemployment insurance.
 Visit https://jobs.utah.gov/ui/home or call 801-526-4400.
- You can search for jobs at https://www.careeronestop.org/.

Do you need help finding a doctor, clinic, or health insurance?

There are many free or low-cost health clinics and community health centers across Utah. Visit https://www.freeclinics.com/sta/utah or https://www.auch.org/community-health-centers/become-a-health-center-patient to find a free or low-cost health clinic or doctor near you.

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Online resources to help identify and address vaccine hesitancy and promote vaccine confidence

