Welcome to:

Respiratory Virus Season and Health Equity: Information about Respiratory Syncytial Virus (RSV), COVID-19, and Flu

Hosted by the Centers for Disease Control and Prevention's (CDC)
Office of Health Equity (OHE) and National Center for Immunization and
Respiratory Diseases (NCIRD)

Agenda for Meeting

- Moderator messages Sarah Anderson
- Introduction to Health Equity and OHE Dr. Leandris Liburd
- Respiratory Virus Information Dr. Mo Patel
 - Prevention including vaccines, treatment
 - Health equity messages
- Health equity updates on response Dr. Jennifer Nelson
- Partner presentations on innovations
 - UNIDOSUS
 - National Urban League
 - The Partnership for Inclusive Disaster Strategies
 - EverThrive Illinois
- Q/A



Logistics and Accessibility Information

- Slides will be shared with participants following the webinar.
- Please feel free to put any questions you have into the Q&A box at the bottom of your Zoom screen. Q&As will only be visible to participants if the question is answered. We likely will not have time to get to every question, but the slides will include numerous resources and ways for you to contact CDC if you require further assistance.
- CART captions: <u>https://www.streamtext.net/player?event=14435RespiratoryVirusSeasonResponseandHealthEquity</u>
- ASL Interpretation and Spanish Simultaneous Translation are available. Click the "Interpretation button" at the bottom of your Zoom screen.

This information will be put in the chat.



Introduction to CDC's Office of Health Equity

Leandris C. Liburd, PhD, MPH Acting Director, Office of Health Equity

What is Health Equity?

- Health equity is when everyone has the opportunity to be as healthy as possible.
- Achieving this requires ongoing societal efforts to:
 - Address historical and contemporary injustices;
 - Overcome economic, social, and other obstacles to health and health care; and
 - Eliminate preventable health disparities.



CDC Office of Health Equity (OHE) Mission and Vision

- Mission: The Office of Health Equity exists to ensure health equity is embedded in an all-of-public health approach to overcoming persistent health disparities and health inequities across a range of population groups that disproportionately experience poor health outcomes.
- Vision: All people have the opportunity to attain the highest level of health possible.





https://www.cdc.gov/healthequity/

Please share your resources!

OHE is committed to engaging with internal and external partners to advance health equity.

If you have any examples of tools, resources, or successes as part of your health equity work related respiratory virus season, please submit them in the Q&A box.

Connect With Us!

- <u>Subscribe to Health Equity Partner Updates</u>: Subscribe to this email list for updates and information about events related to the CDC Office of Health Equity.
- Health Equity Matters: quarterly e-newsletter that shares news, perspectives, and progress related to minority health and health equity.



- Health Matters for Women: monthly e-newsletter that provides information on what is happening in women's health around CDC and other agencies.
- <u>Conversations in Health Equity</u>: blog devoted to increasing awareness of health inequities and promoting national, state, and local efforts to reduce health disparities and achieve health equity.
- Engage with us on (Twitter) @CDCHealthEquity and LinkedIn @CDCHealthEquity

Stay tuned for more Office of Health Equity partner calls!

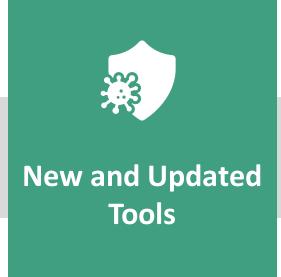


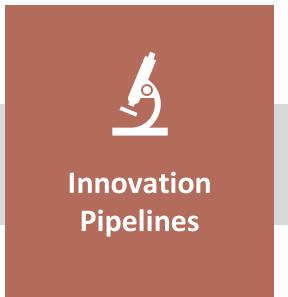
Respiratory Virus Information

Manisha (Mo) Patel, MD, MS, MBA (CAPT, USPHS)
Chief Medical Officer
National Center for Immunization and Respiratory Diseases

We have made great progress since the beginning of the COVID-19 pandemic

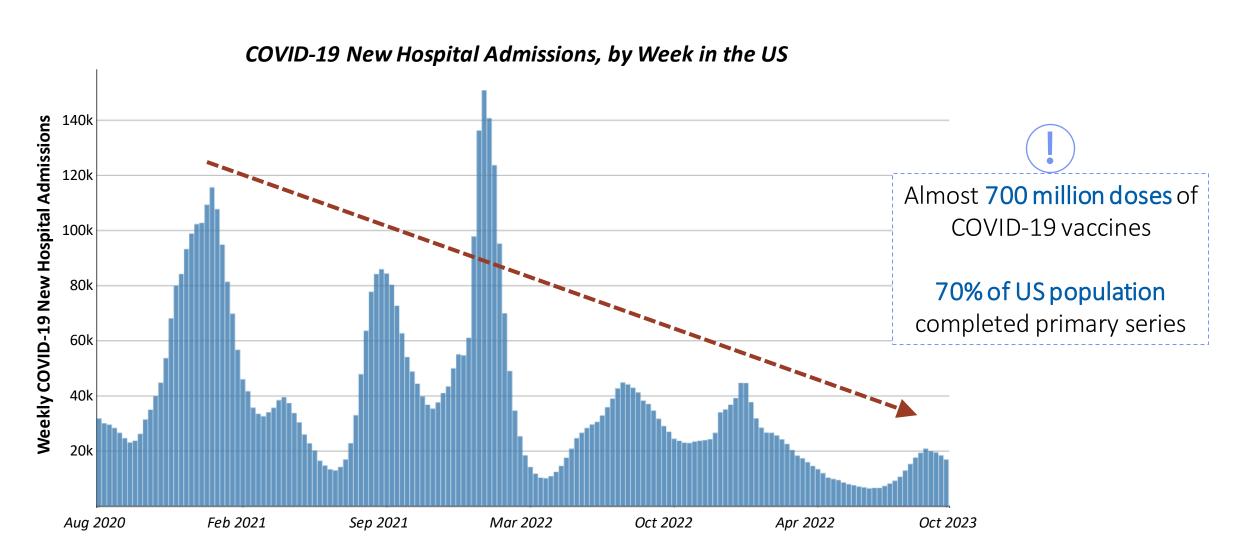






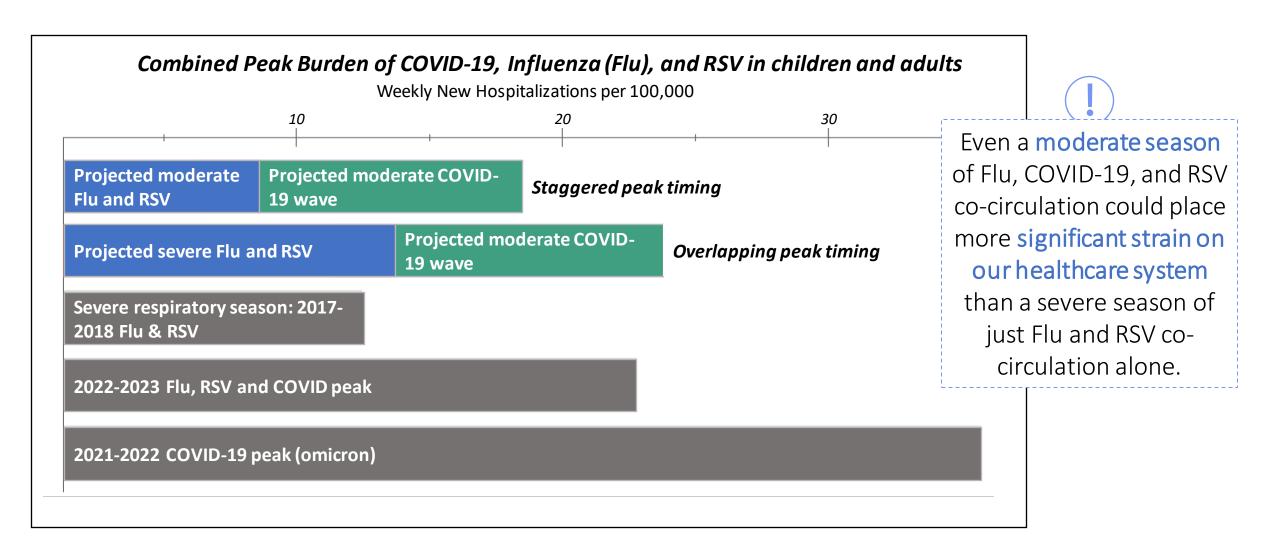


COVID-19 vaccination was largest campaign in US history



Source: COVID data tracker | CDC

CDC expects a similar number of hospitalizations this season as last year nationally, but likely more than pre-pandemic years



This season, there are more ways than ever to protect the health of our patients



Safe, updated vaccines – For the first time ever, immunizations are available for all three major fall and winter respiratory diseases: Influenza (Flu), COVID-19, and Respiratory Syncytial Virus (RSV).



Widely available effective treatments – Treatments available for Flu and COVID-19 can reduce severe illness, hospitalization, and death.



Rapid antigen tests – These tests, some of which can be used at home, can quickly detect respiratory viruses so there are no delays in getting treatment and taking steps to protect our people and their families.



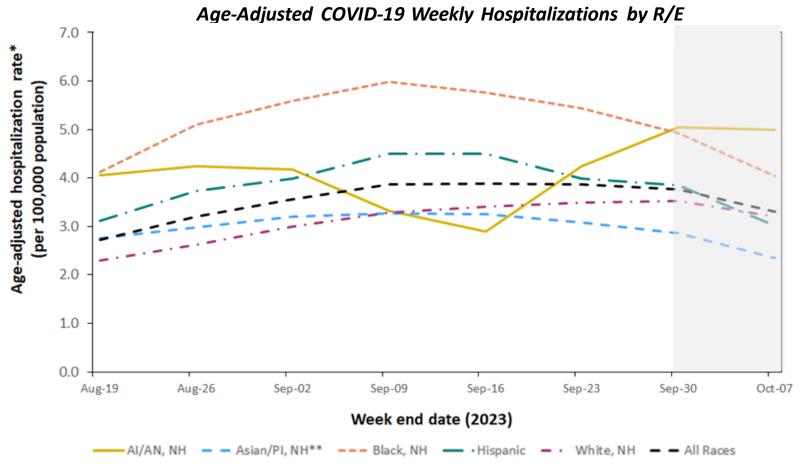
Everyday actions – Covering coughs and sneezes, frequent handwashing, wearing masks, improving air quality, and staying home when sick can help reduce the spread of respiratory viruses.

Fall/Winter 2023-2024 Vaccine Recommendations

- COVID-19 Vaccine: Updated COVID-19 vaccine recommended for all persons 6 months and older
 - Children 6 months through 4 years and immunocompromised people may need additional doses
- Flu Vaccine: Recommended for persons 6 months and older
 - Children 6 months through 8 years may need 1 additional dose
 - People 65 and older should get a higher dose, recombinant, or adjuvanted flu vaccine
- RSV Vaccine for Older Adults: Adults 60 and older may receive RSV vaccination using shared clinical decision-making
- **RSV Immunizations:** Two options are recommended to protect infants against RSV:
 - Maternal RSV vaccination at 32-26 weeks of gestation OR
 - Nirsevimab (long-term monoclonal antibody)
 - Infants younger than 8 months during or entering RSV season
 - Some children 8 through 19 months with increased risk for severe RSV



Why vaccinate against COVID?



Higher hospitalization rates for black, non-Hispanic population

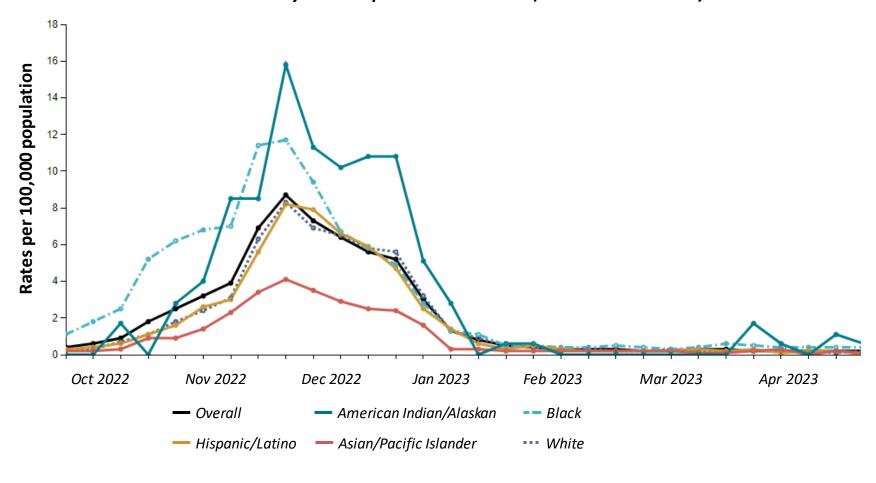
NH= Non-Hispanic, AI= American Indian, AN= Alaska Native; **Asian race includes Pacific Islander (PI). *3 week moving average

Data accessed October 11, 2023. The COVID-NET hospitalization data are preliminary and subject to change as more data become available. Case counts and rates for recent hospital admissions are subject to data lags. As data are received, prior case counts and rates are updated accordingly. Coronavirus Disease 2019 (COVID-19)-Associated Hospitalization Surveillance Network (COVID-NET)

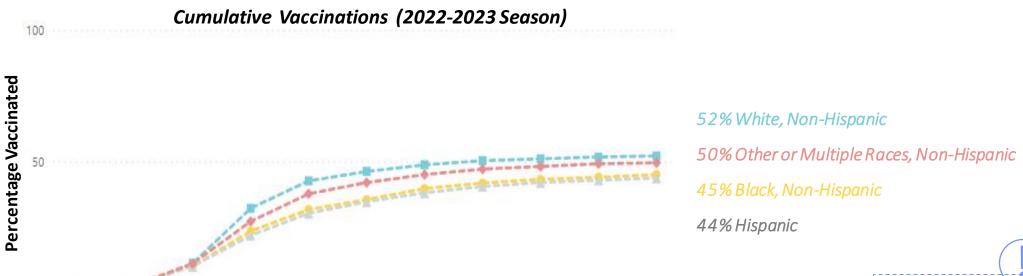
Why vaccinate against Flu?

Weekly Flu Hospitalization Rates (2022-2023 Season)

Higher hospitalization rates for black and AI/AN populations



Why vaccinate against Flu? (1)



Mar 2023

May 2023

have 7-8% lower Flu vaccine coverage than white, Hispanic people

Nov 2022

Jan 2023

Jul 2022

Sep 2022

Why vaccinate against Flu? (2)

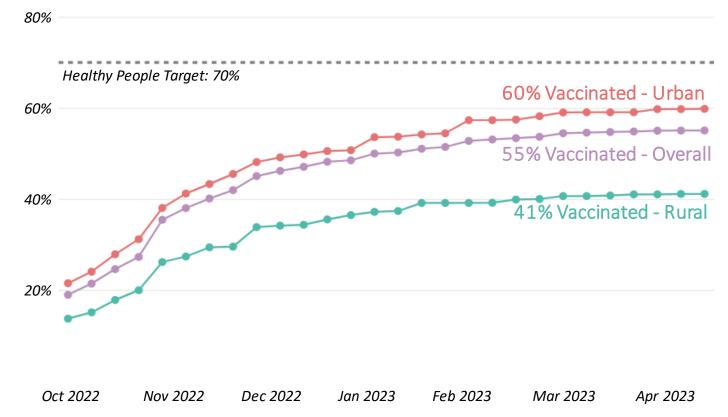
Percentage Vaccinated

Children in rural areas

have **19% lower** Flu vaccine coverage than children in urban areas

Flu Vaccinations in Urban and Rural Communities (2022-2023 Season)

19%



Why vaccinate against RSV?

- National studies of death certificates found higher rates of RSV-associated deaths among non-Hispanic Black children compared with non-Hispanic White infants and children aged 1–4 years¹
- ICU admission rates for RSV among Non-Hispanic Black infants < 6 months old were 1.2–1.6x higher than among Non-Hispanic White infants²
- RSV hospitalization rates 4–10x higher among Alaska Native and American Indian children ages <24 months than the rate in the general population³
 - This study was limited to specific populations and might not be broadly representative of risk in all Alaska Native and American Indian children

The benefits of Flu, COVID-19, and RSV immunizations outweigh the risks

- Side effects are generally mild and resolve within a few days
 - Serious adverse events after Flu, COVID-19 and RSV immunizations are rare
- COVID-19 vaccination before infection reduces the likelihood of Long COVID by 30 40% across all ages
- The risk of cardiac complications, including **myocarditis**, in adolescent males was 1.8 5.6 times **higher after COVID-19 infection** than after COVID-19 vaccination





Almost 700 million people have been vaccinated against COVID-19 and billions against Flu. We are more confident than ever in the safety of these vaccines.

"CDC Resources to Prepare for Flu, COVID-19, and RSV"



Key takeaways for this fall and winter virus season

- We are in our strongest position yet to protect our patients this respiratory season—through immunizations, rapid tests, effective treatments, and other preventive actions to help protect people and their families against Flu, COVID-19, and RSV.
- Immunization against Flu, COVID-19, and RSV remains the safest and most effective protection for reducing the risk of hospitalizations, long-term health impacts, and death, so our people should stay current on their vaccinations.
- As immunity wanes over time and viruses evolve, these new and updated immunizations will be critical tools to fight Flu, COVID-19, and RSV this fall and winter virus season.

Thank you!

For more information, contact CDC 1-800-CDC-INFO (232-4636) TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

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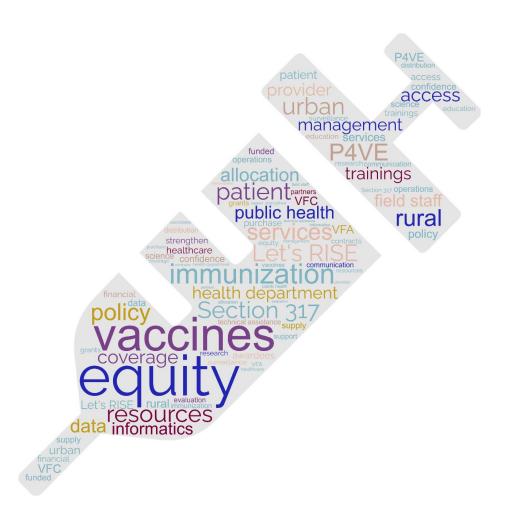
An Overview to ISD's Health Equity Work, 2023

Jennifer M. Nelson, MD, MPH, FAAP, DipABLM LCDR, U.S. Public Health Service Sr. Advisor for Health Equity Immunization Services Division

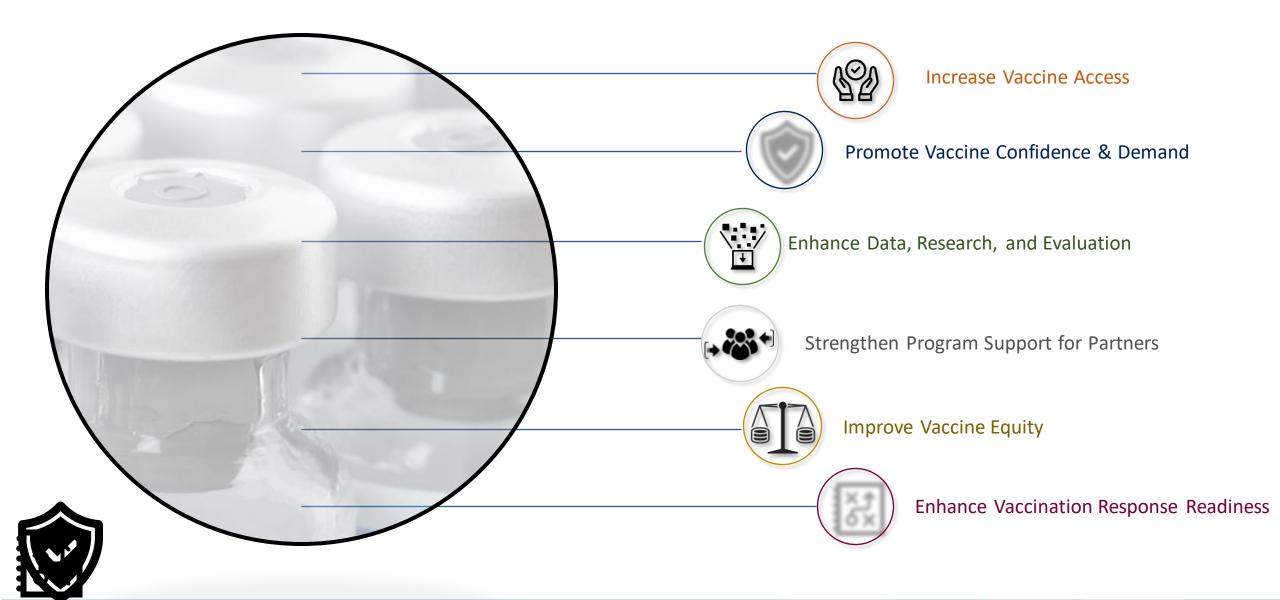
CDC's National Center for Immunization and Respiratory Diseases/ Immunization Services Division (ISD)

 Vision: Increase vaccination coverage to support healthier living for all

• Mission: Protect people across their lifespan from vaccine-preventable diseases by equitably increasing access, confidence, and demand for vaccines



Immunization Services Division Strategic Goals



ISD Goals and Strategies (1)



Increase Vaccine Access

- Use data to identify areas and populations of concern
- Improve vaccine access for low-coverage areas across urban, suburban, and rural communities
- Increase investments to promote cost-free access to adult vaccination
- Improve on successes for the Vaccines For Children (VFC)
 Program

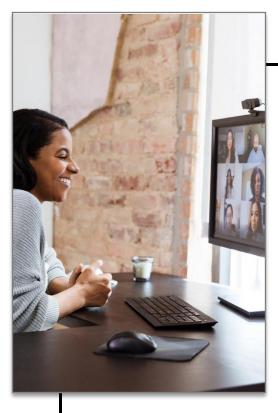
ISD Goals and Strategies (2)



Promote Vaccine Confidence & Demand

- Work with partners to build vaccine confidence and demand in populations with low coverage
- Provide technical assistance and support to partners on building vaccine confidence
- Analyze data and conduct research to understand the characteristics and drivers of vaccine confidence
- Explore and implement creative strategies to mitigate mis/disinformation

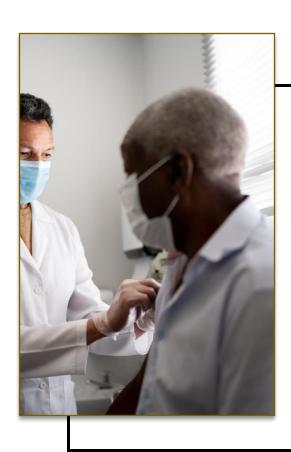
ISD Goals and Strategies (3)



Strengthen Program Support for Partners

- Strengthen technical assistance and resources to build partner capacity including on data and vaccine confidence and demand, reducing disparities, and improving access for all
- Promote increased collaboration and information sharing across partners
- Identify, sustain, and scale evidence-based interventions across partners
- Work with a wide range of partners to develop innovative programs to improve vaccine coverage

ISD Goals and Strategies (4)



Improve Vaccine Equity

- Lead, coordinate, and amplify governmental and partner efforts to reduce vaccination disparities
- Expand research to uncover drivers of vaccine coverage by population and geography
- Prioritize equity in the planning, allocation, and implementation of ISD resources
- Use data to identify and implement opportunities to increase uptake in populations experiencing vaccination disparities

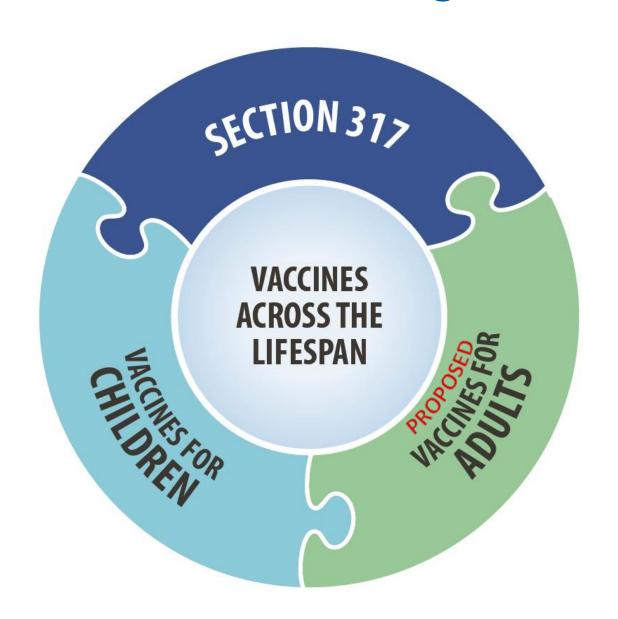
ISD Goals and Strategies (5)



Enhance Vaccination Response Readiness

- Use data to identify at-risk communities and predict emerging threats
- Collaborate to develop, maintain, and improve emergency response data and interoperability of information systems
- Coordinate, build capacity, and enhance readiness capabilities at the federal, state, and local level
- Build strength and resilience across the immunization workforce

Comprehensive Immunization Program



Timeline of Key ISD Health Equity Initiatives

Vaccines for Children







Vaccines for Adults (proposed)





Federal Retail Pharmacy Program (FRPP)* **(February 2021)**







Federal Entities*

1994

Sept. 2020

Suppl. 1, \$4.3B

Dec. 2020

Suppl. 2, \$1B

Jan. 2021

Suppl. 3, \$8.75B

April 2021

Suppl. 4, \$11.5B

Dialysis Partners Program* (March 2021)

Sept. 2023

\$1.1B

Vaccines for Children



Vaccines for Children

Protecting America's children every day

The Vaccines for Children (VFC) program helps ensure that all children have a better chance of getting their recommended vaccines. VFC has helped prevent disease and save lives.



CDC estimates that vaccination of children born between 1994 and 2021 will:

prevent **472 million** illnesses



help avoid **1,052,000**deaths



save nearly **\$2.2 trillion** in total societal costs (that includes \$479 billion in direct costs)



more than \$5,000 for each American

dated 2021 analysis using methods from "Benefits from Immunization during the Vaccines for Children Program Era—United States, 1994-2021."



www.cdc.gov/vaccines/vfcprogram/

NCIRDWTLC | 10/28/

Program:

- ✓ Federally-funded program (est. 1994)
- ✓ Provides no-cost vaccines to eligible children

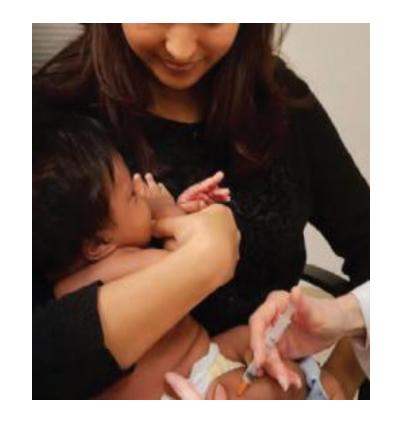
Key Outcomes:

- ✓ Promoted integration of immunization into routine pediatric care
- Increased vaccination rates across all races, ethnicities, and income groups
- ✓ Reduced vaccine inequities among children

VFC Program Eligibility

Children 0 through 18 years of age who meet at least one of the criteria:

- Medicaid eligible
- Uninsured, or
- American Indian/Alaska Native, or
- Underinsured*



VFC eligibility by age group (Population Estimates Survey, FY 2023)

<1 year	1 to 2 years	3 to 6 years	7 to 18 years	Total
53.5%	54.8%	54.3%	53.2%	53.6%

^{*}Eligible to receive vaccine only through an enrolled Federally Qualified Health Center (FQHC), Rural Health Center (RHC) or a deputized provider under Delegation of Authority

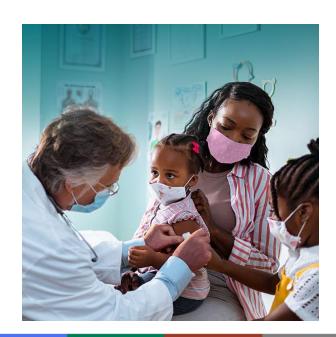
VFC Program Benefits

- Allows children to receive vaccination services in the medical home
- Eliminates or reduces vaccine cost as a barrier
- Entitlement allows new vaccines to be provided more quickly than through annual appropriation
- Incentivizes innovation with price caps on legacy vaccines
- No state contribution for vaccine purchase for children on Medicaid
- Helps assure vaccine availability through stockpiles
- Opportunities for public health to work with providers on quality improvement of vaccination services



VFC Program Reach

- \$5.5 billion program
- CDC distributes more than 76M doses of pediatric vaccine each year, the vast majority of which is purchased through VFC (Avg of 2017–2019)
- Approximately 600,000 routine vaccine shipments/year
- Nearly 38,000 VFC provider locations across 61 VFC awardee jurisdictions
 - Pediatric providers (~86% based on 2017 University of Colorado of sample of AAP members)
 - Other private providers (family practice, sub-specialties)
 - Public health clinics, FQHCs, RHCs, CHCs, MHCs, IHS clinics
 - School health clinics
 - Hospitals
 - Small # of pharmacies



Partnering for Vaccine Equity (P4VE) & Other ISD Partnerships



Partnering for Vaccine Equity (P4VE)

Program:

- ✓ CARES Act (\$6.7B)
- ✓ Supports equitable COVID-19 vaccination
- √ 500+ partners

Key Outcomes:

- ✓ 862 healthcare organizations and 502,745 clinicians reached using new strategies and resources
- ✓ 181 nation-wide educational campaigns
 - > 199,223 trusted messengers
 - > **43** languages and dialects
- ✓ 1.06 M vaccine-promoting communication products
 - > 406 M people reached via social media
- ✓ 2.09 M people attended promotional events

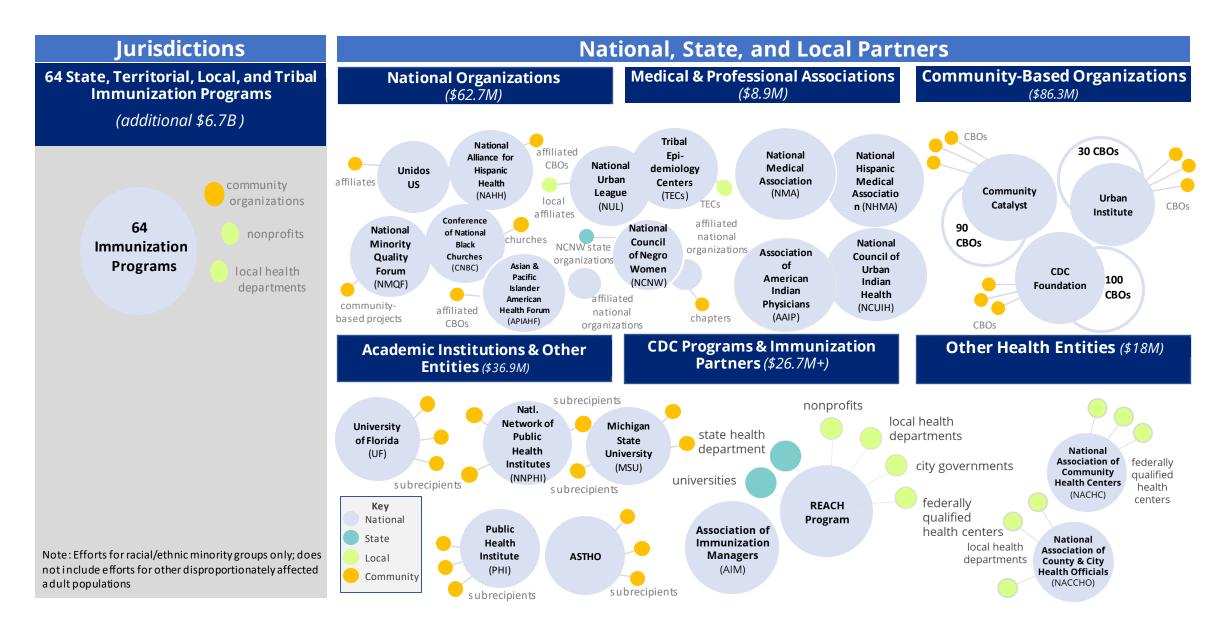




1.84 Million

COVID-19 [any dose or booster] or flu vaccines administered at partnership vaccination sites

P4VE









VACCINE EQUITY PROJECT

National Network of Public Health Institutes

Pwoje Egalite Nan Va

疫苗公平项目

El Proyecto de Equidad de Vacunas

Example ISD Partnerships

State and Local









Association of Immunization Managers

Professional Association & Non-Profit















Academia & Research







We support our partners a variety of ways.



Provide technical assistance and capacity-building support to funded partners



Monitor and
evaluate workplan
activities to
ensure they are on
track and meeting
objectives



Support the administrative components of funding mechanisms



racilitate learning opportunities around strategies to improve vaccine access, confidence, and equity

Our partners support vaccine equity and access

What our partners do

- Host community outreach events to spread awareness
- Work within communities to train and leverage trusted messengers
- Partner with vaccine providers to identify locations and hold vaccine clinics
- Develop educational materials and launch communications campaigns to promote vaccination
- Evaluate and disseminate best practices











What our partners DON'T do





Give shots to the community



Conduct clinical services



Our partners reach many priority populations.



Healthcare Professionals



People with Disabilities



Older Adults



Pregnant People



Rural Populations



Patients of Community Health Centers



People in Long-Term Care Facilities



People with Chronic Conditions



Refugee, Immigrant, & Migrant Groups



Racial & Ethnic Minority Groups

Our partners work in non-traditional settings



"Barbershops hold a special place in the Black community. They are a long-standing community hub seen as a safe place for raw, honest conversation – <u>including health discussions</u> – while getting a haircut."

- RAO Community Health



"We did vaccination clinics at parks, we did them at apartment complexes, we did them in parking lots, and at churches."

- Latino Health Access



"The Hispanic Center provided bus passes for people coming to the mobile vaccination site in the center's parking lot."

- The Hispanic Center of Western Michigan

Our partners have made important strides in vaccine access, confidence, and equity.



2.3 Million

Vaccinations from clinics held in partnership with vaccine providers



294,644

Trusted messengers

conducting vaccine outreach in their communities



14.1 Million

Clinicians and healthcare personnel received education and communication materials





CDC's Bridge Access Program

- Provides no-cost COVID-19 vaccines to uninsured and underinsured adults
- All CDC-recommended COVID-19
 vaccines are included
- End by December 31, 2024.



Who Can Get a No-Cost COVID-19 Vaccine Through the Bridge Program?

Adults 18 years and older without health insurance -and-

Adults with health insurance that does not cover all COVID-19 vaccine costs (only at Bridge Access Program sites that are <u>innetwork</u> for their health insurance)

Bridge Access Program: The Two-Part Solution to "Bridge" the Gap in Access

Health Centers & Health Departments

Program
Details

Leverages the existing public sector "safety
net," with CDC procuring and distributing
vaccines through state immunization awardees,
LHDs, and HRSA supported health centers

Doses

~50% of estimated required vaccine doses for the uninsured

Retail Chain Pharmacies

Novel, funded partnership with chain pharmacies to store and administer vaccines at their retail locations

~50% of estimated required vaccine doses for the uninsured

LHD: Local Health Department

HRSA: Health Resources and Services Administration

Partnerships Are Critical to Successful Implementation

PHARMACIES

Pharmacies are a primary point of vaccine access for the majority of adults and many children.

CDC State & local Health Departments Organizations (CBOs) and Other Partment All Americans Pharmacies. Community TRSA-supported health centers **HRSA**

JURISDICTIONS

State and local immunization programs and their associated public health infrastructure have served as instrumental partners in vaccine distribution for decades.

HEALTH CENTERS

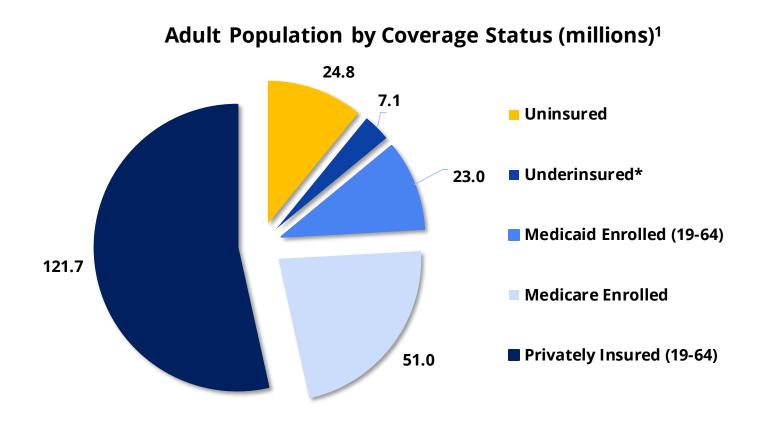
HRSA-supported health centers have established relationships with the populations they serve and help overcome access barriers.

PARTNERS

Community-based organizations and other partners offer critical help in raising awareness of opportunities for COVID-19 vaccination and serve as trusted and welcome messengers among the communities they serve.

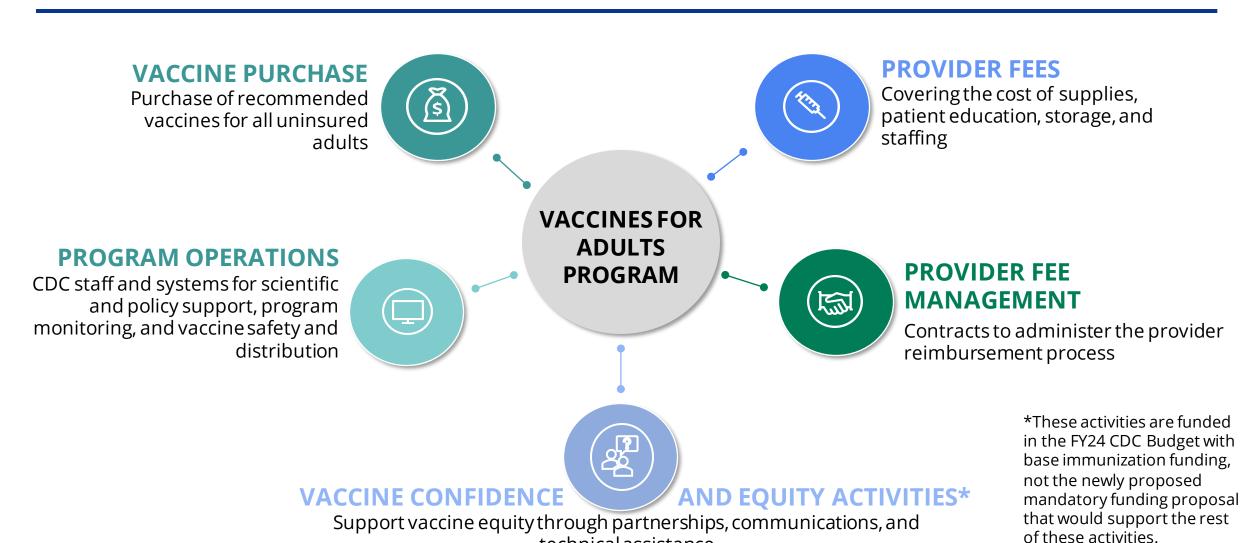
Why Do We Need the Bridge Access Program for COVID-19 Vaccines?

There are 25-30 million adults (ages 18-64) without insurance, and additional adults whose insurance does not provide no-cost coverage for COVID-19 vaccines after these products were commercialized.



But the Bridge Access Program is temporary

The proposed Vaccines for Adults program would reduce the spread of vaccinepreventable diseases and pave the way to greater health equity



technical assistance



Thank You



Partner Presentations – Community Innovations

- UNIDOSUS
- National Urban League
- The Partnership for Inclusive Disaster Strategies
- EverThrive Illinois

Partner Presentations: UNIDOSUS

Pedro D. Martinez, MPH Director, Health

Esperanza Hope for All

- Esperanza Hope for All focuses on mitigating the health, economic, and education impacts of the COVID-19 pandemic on Latinos.
- The "Air Game" includes a national COVID-19 and Flu Awareness Campaign, providing culturally and linguistically appropriate information to Latinos through multimedia channels.
 - The public health campaign aims to inform communities, build trust and confidence in vaccines, fight misinformation, and increase vaccine access for Latinos.
 - Key strategies include a mobile vaccine education tour, multimedia advertising, countering mis/disinformation, content-creator engagement, and utilizing influencers.
- The "Ground Game" involves investing and training trusted messengers in the Affiliate Network, establishing vaccination sites, and building partnerships to reach hard-to-reach communities.
 - Over 578,000 COVID-19 and 66,000 Flu vaccinations have been administered through this program, with significant community engagement and media partnerships.
- https://unidosus.org/esperanzahopeforall/



Partner Presentations: National Urban League

Lydia Isaac Vice President, Health Equity & Policy



NATIONAL URBAN LEAGUE

	2021	2022	2023 YTD**
Coalition Members	556	229	125
Non-traditional Vaccine Sites	331	275	76
Trusted Messengers Supported	29,693*	2,272	1007
Individuals assisted to get vaccinated	284,144*	13,133	3838
Community organizing activities executed	N/A	N/A	23







Partner Presentations: The Partnership for Inclusive Disaster Strategies

Shaylin Sluzalis & Germán Parodi Co-Executive Directors

The Partnership for Inclusive Disaster Strategies



www.disasterstrategies.org

- Daily COVID-19 Disability Rights and Disasters Calls since Feb 28, 2020
- Disability Information and Access Line (DIAL)
- Aging and Disability Vaccine Collaborative (ADVC)
- Project Accessible Life-saving Integrated Vaccine Equity (ALIVE)
- Strategies for Equitable Access to Vaccinations and Inclusive Disaster Response
- Disability Vaccine Access Opportunities Center (DVAO)

Strengthening community resilience

 Convener for local disability organizations, advocates, emergency managers, public health officials, federal, state/territorial and local government agencies, first responders, and allies across the country.

Partner Presentations: EverThrive Illinois

Ceci Tipiani-Fuentes
Associate Director of Immunizations

EverThrive Illinois

Strategies for Information Dissemination

Social Media Campaign

- Simultaneous campaign activation (COVID-19 & Flu)
- Bilingual social media ads
- Public Health Emergency Fact Sheet

Stakeholder Partnerships

- Coordination with the Chicago Department of Public Health
- Partner with SGA Youth & Family Services to expand reach to priority areas
- Community-based organizations (e.g. food pantries, shelters, local businesses)

Community Outreach

- Seven community health workers
- Neighborhood focus on those with high uninsured adults and areas with low COVID-19 adult booster rates
- Community input on resources

Questions and Answers

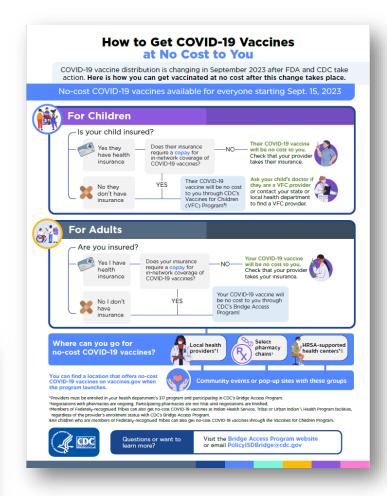
Bridge Access Program Communication Resources



Toolkit



Call Center (CDC-INFO)



Print Resources



Social Media

Please share your resources

OHE is committed to engaging with internal and external partners to advance health equity.

If you have any examples of tools, resources, or successes as part of your health equity work related respiratory virus season, please submit them in the Q&A box.

Feedback Survey

- The survey appear after the webinar ends.
- The survey is optional.
- Three questions:
 - 1. How well did this webinar explain CDC's role in supporting equity in this respiratory virus season?
 - 2. How well did the webinar explain CDC partners' roles in supporting equity in this respiratory virus season?
 - 3. Tell us more! Please share any additional comments or suggestions on how we can improve our programming, including future topics for our health equity partner calls.

Thank you!

Respiratory virus and health equity resources and additional information will be sent to participants via email.

For more information, contact CDC 1-800-CDC-INFO (232-4636) TTY: 1-888-232-6348 www.cdc.gov



The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.



CDC Health Equity Resources

- Health Equity Office of Health Equity CDC
- Health Equity Guiding Principles for Inclusive Communication | Gateway to Health Communication | CDC
- Health Equity Video Series | Health Equity | CDC
- Health Equity In Action | Health Equity (cdc.gov)
- CDC's CORE Commitment to Health Equity | Health Equity | CDC
- Foundations of Health Equity Training Plan CDC TRAIN an affiliate of the TRAIN Learning Network powered by the Public Health Foundation

Respiratory Virus Resources – General Information

- CDC Respiratory Virus Updates | CDC
- Protect yourself from COVID-19, Flu, and RSV (cdc.gov)
- Coronavirus Disease 2019 (COVID-19) | CDC
- Influenza (Flu) | CDC
- RSV (Respiratory Syncytial Virus) | CDC

Respiratory Virus Resource Toolkits

Resources to Prepare for Flu, COVID-19, and RSV | CDC: Toolkits for specific audiences:

- Healthcare Providers
- Older Adults
- Adults with Limited Vaccine Access
- Pregnant People
- Parents
- Children
- People with Disabilities
- Racial and Ethnic Minority Groups
- Tribal Communities
- Refugee, immigrant, and migrant populations

Vaccine Equity Resources

- Bridge Access Program | CDC
- VFC: Vaccines for Children Program | CDCPartnering for Vaccine Equity |
 CDC
- Partnering for Vaccine Equity | CDC
- How the Social Vulnerability Index (SVI) Provides Insights into Vaccination
 Coverage Inequities | Blogs | CDC

Respiratory Virus Data by Demographics

- Respiratory Virus Hospitalization Surveillance Network: <u>RESP-NET Interactive</u>
 <u>Dashboard | CDC</u>
- COVID Data Tracker: <u>CDC COVID Data Tracker: Home</u>
- Weekly flu activity data is available online: <u>Weekly U.S. Influenza Surveillance</u> <u>Report | CDC</u>