

Immunization Services Division

*Protecting individuals and communities from vaccine preventable
diseases across the lifespan*

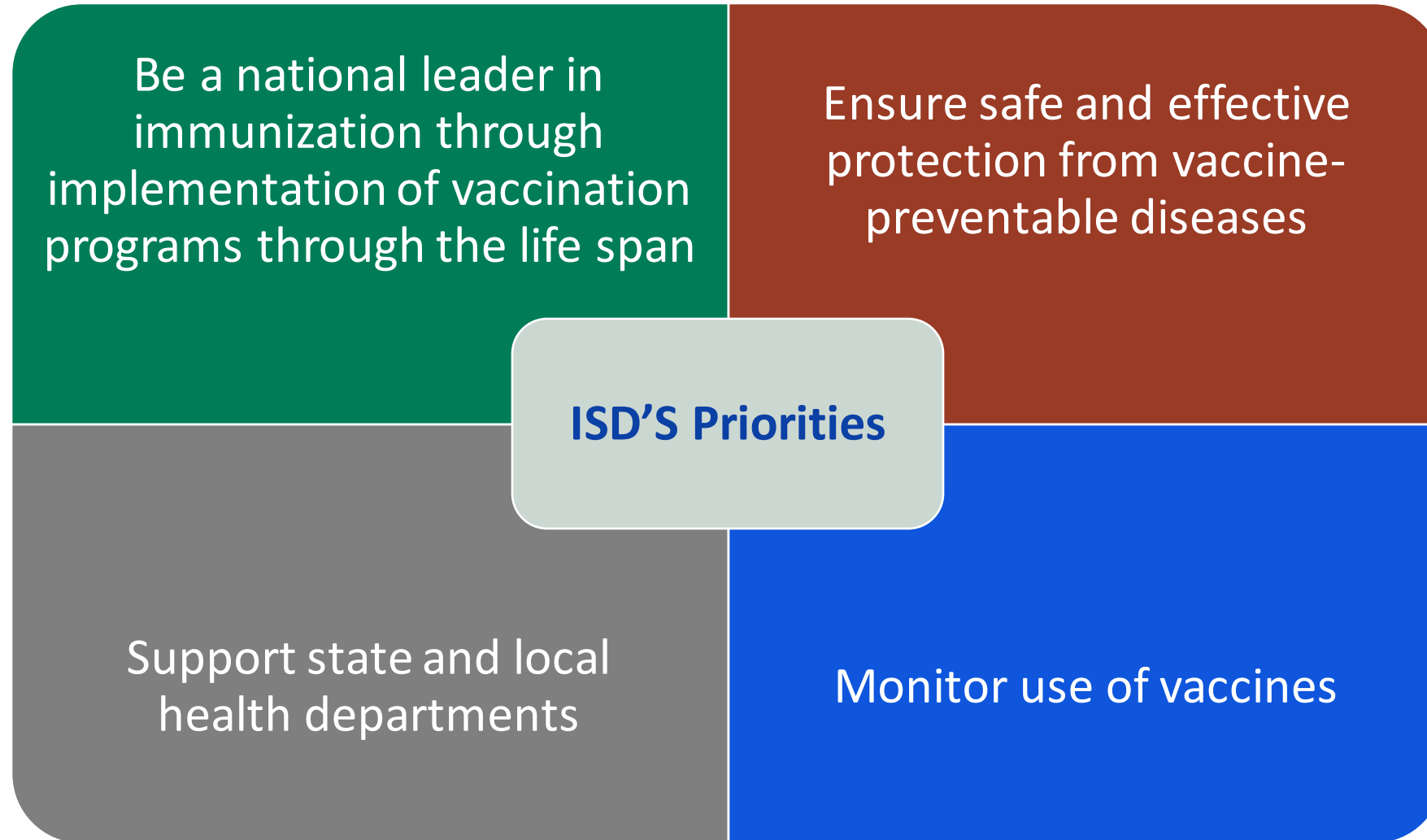
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Director

August 30, 2022

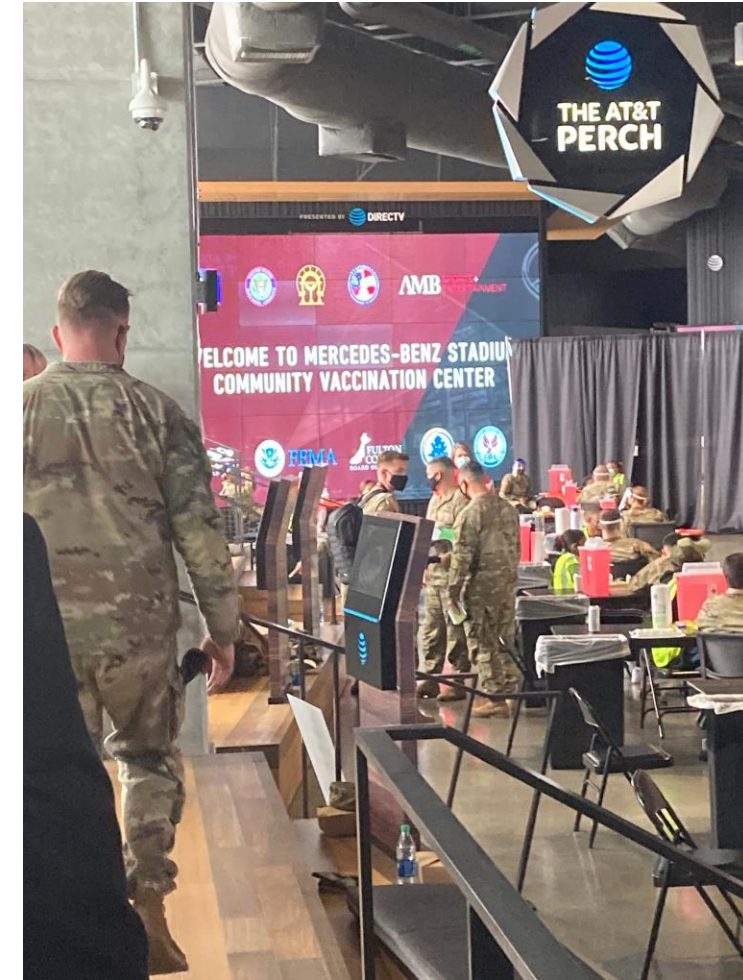


Immunization Services Division Priorities



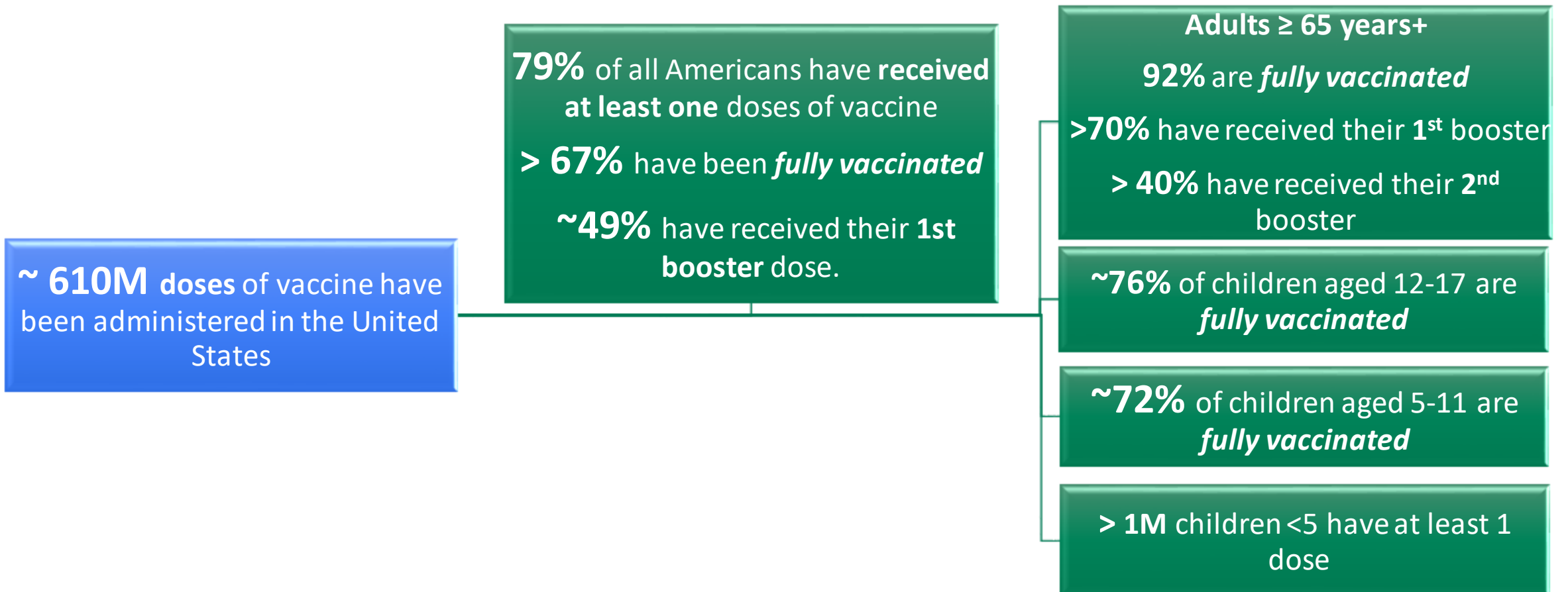
Impact of COVID-19 Pandemic

- **Disruption of health systems'** administration of routine childhood immunization created **risks for vaccine-preventable diseases** in communities
- Underscored the need **to increase vaccine equity and confidence efforts** in order to **increase coverage and access to life-saving vaccines** that are safe and effective
- **Development of new and modifying existing data systems and tools** to enhance vaccine distribution and administration surveillance, which improved data quality and reporting practices, and informed public health action



COVID-19 Vaccine Footprint

- **806 million doses** distributed domestically



COVID-19 Vaccine Distribution

- US COVID-19 vaccine deliveries and administration are executed by various partners
 - **Partners**
 - Jurisdictional partner clinics
 - Retail Pharmacies
 - Long-term care facilities
 - Dialysis centers
 - Federal Emergency Management Agency
 - Health Resources and Services Administration partners
 - Federal Entity facilities
- Over **140,000 providers** served the public with COVID vaccines

Domestic Immunization Program

Vaccination Across the Lifespan

Section 317 Program

- Authorized in 1962, supports US immunization infrastructure
- Funds operations for 64 awardees and provides a limited amount of vaccines for adult vaccination efforts and outbreak response
- Supports national-level activities including the science-base for vaccine recommendations, vaccine safety monitoring, vaccine effectiveness, health communication support, and quality assurance activities
- Provides foundation for Vaccine For Children (VFC) program



Vaccines for Children (VFC) Program

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 2018 will:

prevent **419 million** illnesses
(26.8 million hospitalizations)



more than the current
population of the entire U.S.A.

help avoid
936,000 deaths



greater than the
population of Seattle, WA

save nearly **\$1.9 trillion** in total
societal costs
(that includes \$406 billion in direct costs)



more than \$5,000 for each American

Updated 2018 analysis using methods from "Benefits from Immunization during the Vaccines for Children Program Era—United States, 1994-2013"



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

www.cdc.gov/features/vfcprogram

NCIRDg702 | 03/28/19



- ***Let's Play Catch-Up*** on Routine Vaccines campaign
 - Developed communication messages to encourage parents to prioritize the need to catch their children up on routine childhood vaccinations.
 - *Increasing self-efficacy and perceived benefits to be elevated over perceived barriers*

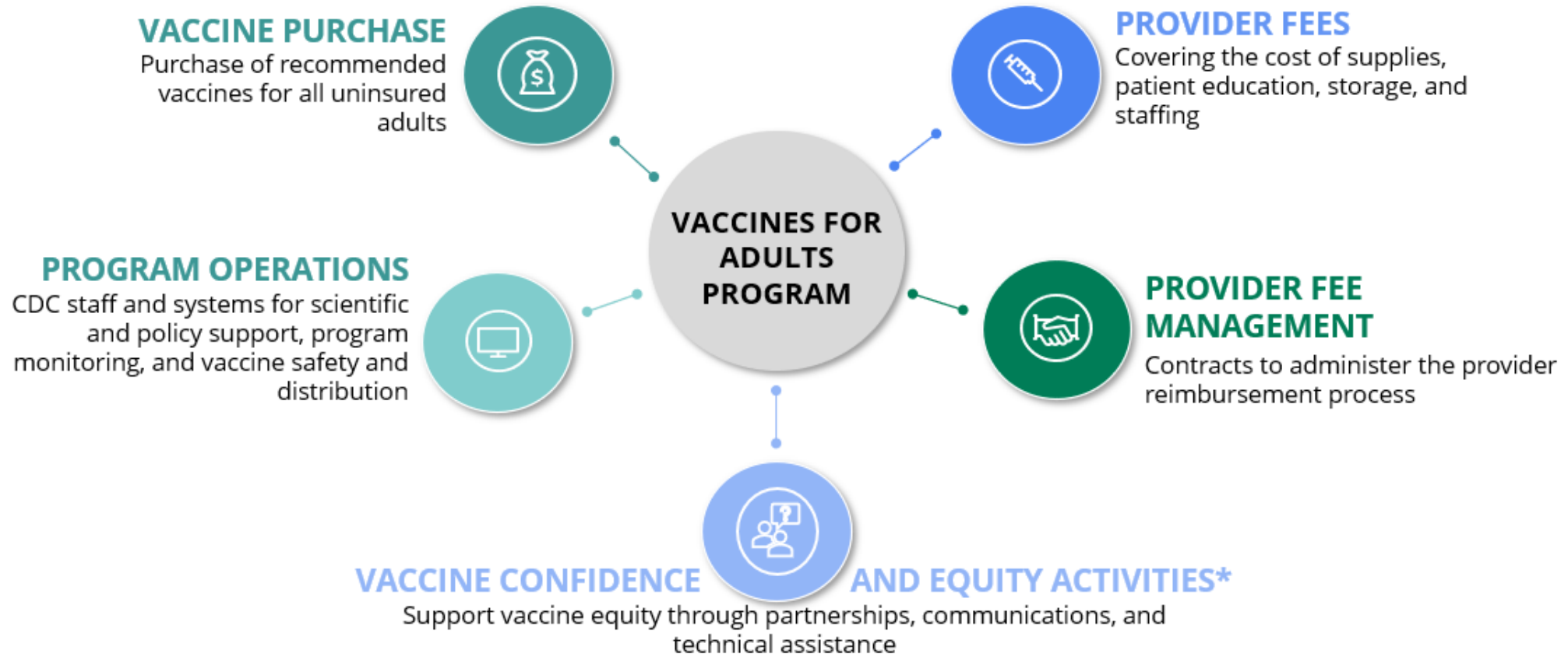
Call to Action: Kids Need to Get Caught Up on Recommended Vaccines

- Healthcare systems and healthcare providers should:
 - Identify families whose children have missed doses and contact them to schedule appointments
 - Prompt clinicians when these children are seen to deliver vaccines that are due or overdue
 - Let families know what precautions are in place for safe delivery of in-person services
- We all should:
 - Communicate directly to families the importance of well-child visits and getting caught up on any recommended vaccines that were missed

Need for Adult Immunization Program

The COVID-19 pandemic revealed gaps in insurance coverage, a lack of IT infrastructure for adult vaccination, **AND** underscored the need for a **robust adult immunization program** for uninsured adults.

Vaccine for Adults



Outbreak responses

A new reality – COVID and beyond

Operation Allies Welcome

- More than 70,000 Afghans were evacuated to Safe Havens, military bases and a hotel convention center in the US, following the fall of Kabul in August 2021
- CDC provided oversight and medical support to Afghans receiving COVID-19 testing and the required medical examination for immigration, which included vaccinations.
- Patient information was routed to receiving health departments to ensure proper follow-up and continuity of care of certain conditions
- OAW completed a historic and nationwide vaccination campaign for measles, mumps, rubella (MMR), and Varicella (chickenpox) to > 49,000 evacuees.

Ukraine Response

- CDC activated a program-level incident management structure to respond to the Ukraine regional crisis in March 2022.
- Consolidated medical needs from over 5,000 public, private, and academic institutions to guide and prioritize humanitarian assistance efforts
- Supported Ukraine's Ministry of Health to strengthen its national immunization program
- CDC's Immunizations Advisor to World Health Organization (WHO) Ukraine provided technical assistance and revisions to the National Immunization Policy by **developing strategies to address vaccine hesitance, vaccine safety surveillance and risk communication**

Monkeypox Response

- **August 4, 2022** - U.S. Department of Health and Human Services (HHS) declared a public health emergency (PHE) in response to the current monkeypox outbreak
- CDC is tracking an outbreak of monkeypox using previously developed tools to help stop the spread
- Collaborating with the Administration for Strategic Preparedness and Response, U.S. Food and Drug Administration, and the National Institutes of Health to implement the ***HHS National Vaccination Strategy for monkeypox***
- CDC's Interim Clinical Considerations has provided updates and training for administration of the JYNNEOS and ACAM2000 Vaccines

Polio Outbreak and Vaccine Uptake

- Polio Outbreak in Rockland County, New York City
- CDC deployed an Epi-Aid on August 4th to provide assistance and support enhanced passive surveillance by:
 - Increasing healthcare provider testing of wastewater samples
 - Increasing vaccination through physician specific reminder-recall for under-vaccinated children
 - Supporting community vaccination for adults and children to catch-up on recommended polio vaccination
- Facilitating the procurement of polio vaccine for affected areas
- Emphasize completion of primary series of Polio vaccine in un- or undervaccinated adults for those who have reason to believe they were not vaccinated as children.

POLIOVIRUS IS SPREADING IN ROCKLAND COUNTY

✓ A young adult with polio paralysis was confirmed on July 21st

✓ As of August 4th, wastewater samplings have confirmed that poliovirus is still spreading in Rockland County.

Where are the cases?

It is difficult to fear something we cannot see.

- Approximately 75% of people who are infected with polio will not experience any symptoms and will not know they are contagious.
- For every 1 case with symptoms of paralysis likely hundreds or thousands of people have been infected with the disease.

What is Polio?

Polio is a disease caused by the poliovirus that can infect the spinal cord and cause permanent paralysis or even death. **Polio is only preventable with immunization.**

There is no cure for polio.

Who is at risk:

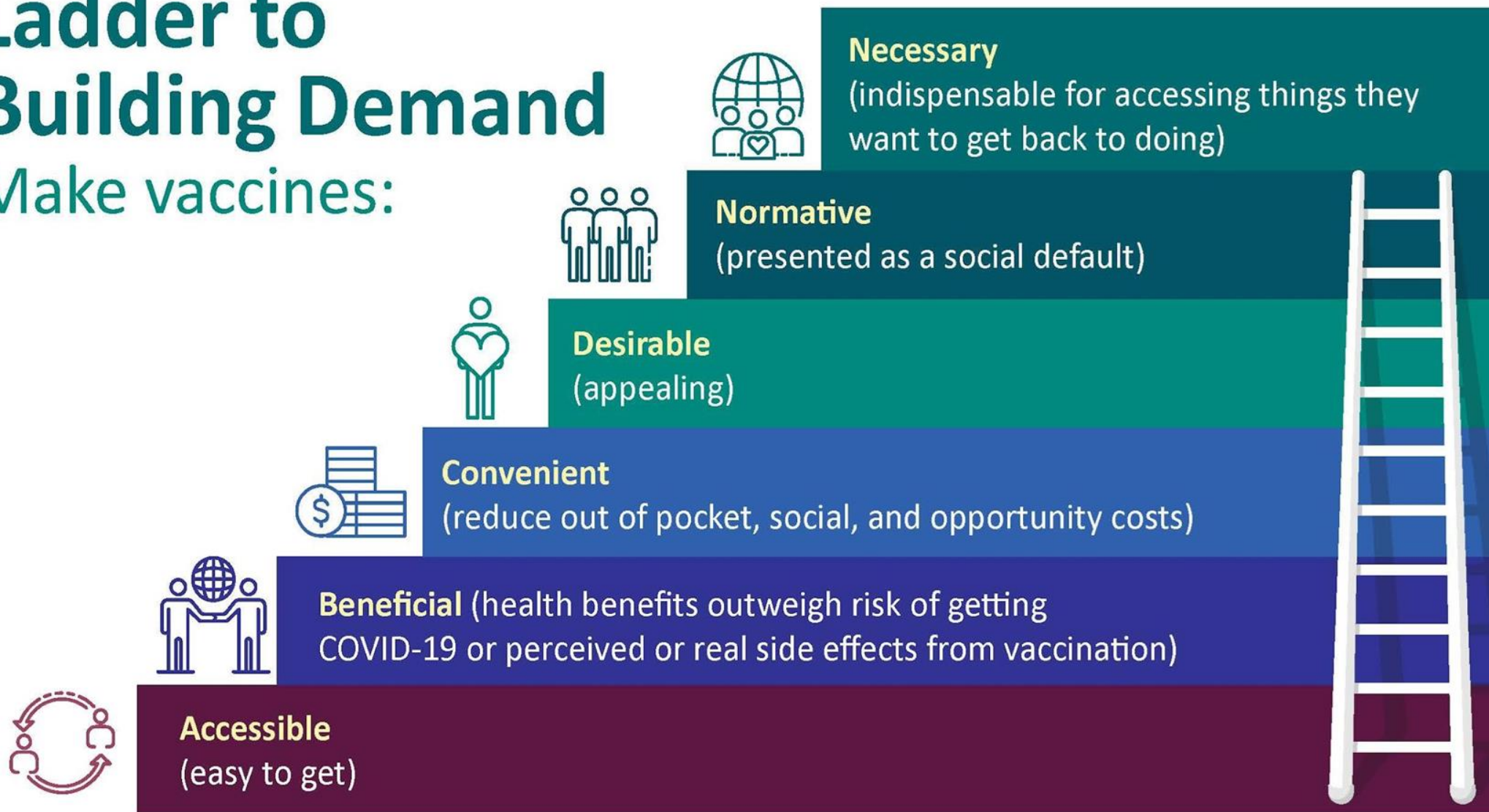
- Newborn babies
- Children under 2 who have not completed their polio immunization schedule
- Anyone not fully immunized - including children, adults and pregnant women

Our new generation is in danger!

There are now over **11,000 infants** under the age of 2 in Rockland County who are **at risk** because they are not

Ladder to Building Demand

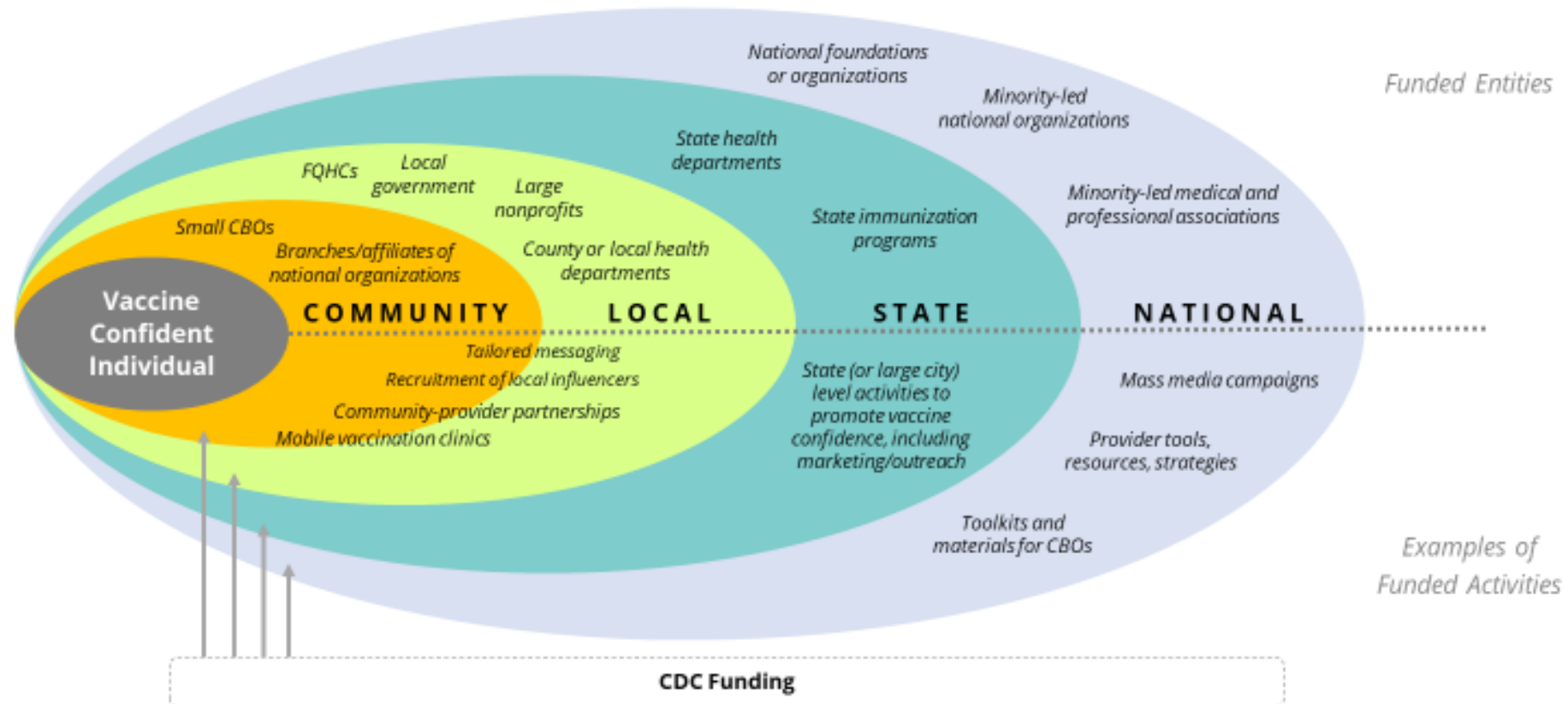
Make vaccines:



Strong Partnerships & Funding Are Key

Improving Vaccine Confidence through Multi-Tiered Support

Funding entities at national, state, local, and community levels will allow CDC to implement a comprehensive program with activities that reinforce, and build on, each other to improve vaccine confidence among racial and ethnic minority groups.



Looking Ahead

- Focus on routine childhood immunization catch up
- Expand our adult immunization work
- Continuous modernization of our data systems and expanded use of different data sources to understand vaccine coverage
- Address vaccine confidence & demand and health disparities in communities by building public trust, empowering healthcare personnel and engaging communities and individuals
- Required at every national, state and local level in order to positively influence the perception, understanding, and access to vaccines for all



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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