Centers for Disease Control and Prevention
National Center for Immunization and Respiratory Diseases

Immunization Services Division

Protecting individuals and communities from vaccine preventable diseases across the lifespan

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Immunization Services Division Priorities

- Be a national leader in immunization through implementation of vaccination programs through the life span
- Ensure safe and effective protection from vaccine-preventable diseases
- Support state and local health departments
- Monitor use of vaccines
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

~610M doses of vaccine have been administered in the United States

79% of all Americans have **received at least one** doses of vaccine

> 67% have been **fully vaccinated**

~49% have received their 1st booster dose.

**Adults ≥ 65 years+**

92% are **fully vaccinated**

> 70% have received their 1st booster

> 40% have received their 2nd booster

**~76% of children aged 12-17 are fully vaccinated**

**~72% of children aged 5-11 are fully vaccinated**

> 1M children <5 have at least 1 dose

Source: CDC COVID Data Tracker: Vaccinations in the US
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

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)
- help avoid 936,000 deaths
- save nearly $1.9 trillion in total societal costs (that includes $405 billion in direct costs)

more than the current population of the entire U.S.A.
greater than the population of Seattle, WA
more than $5,000 for each American

www.cdc.gov/features/vfcprogram
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

Help Kids’ Safe Return to School - Get Caught Up on Recommended Vaccines (cdc.gov)
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.
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.
Ladder to Building Demand
Make vaccines:

Necessary
(indispensable for accessing things they want to get back to doing)

Normative
(presented as a social default)

Desirable
(appealing)

Convenient
(reduce out of pocket, social, and opportunity costs)

Beneficial
(health benefits outweigh risk of getting COVID-19 or perceived or real side effects from vaccination)

Accessible
(easy to get)
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)

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