The Immunization Landscape: Lessons Learned and Our Focus

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Director

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National Adult and Influenza Immunization Summit

COVID-19 Vaccine Completed Series-US

18M Hospitalizations Prevented
3M Lives Saved

COVID-19 Deaths-Weekly Trends

End of Public Health Emergency declaration does not end work on COVID-19

Hospital admission rates as primary indicators of local COVID-19 activity
– Death data as secondary surveillance metric

Removal of case data visualizations from COVID Data Tracker

Vaccine administration data updated monthly
Gaps in COVID-19 Vaccine Coverage

- Total Vaccine Doses:
  - Distributed: 979,617,855
  - Administered: 675,442,636

1.99M
- Children < 5 years of age with at least one dose since June 18, 2022
- See Vaccination Demographic Trends for more information.

55.6M
- People with an updated (bivalent) booster dose

<table>
<thead>
<tr>
<th>People with an Updated (Bivalent) Booster Dose</th>
<th>Count</th>
<th>Percent of US Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>55,743,629</td>
<td>16.8%</td>
</tr>
<tr>
<td>Population ≥ 5 Years of Age</td>
<td>55,630,222</td>
<td>17.8%</td>
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<tr>
<td>Population ≥ 12 Years of Age</td>
<td>54,282,478</td>
<td>19.1%</td>
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<tr>
<td>Population ≥ 18 Years of Age</td>
<td>52,331,682</td>
<td>20.3%</td>
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<tr>
<td>Population ≥ 65 Years of Age</td>
<td>23,320,318</td>
<td>42.6%</td>
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CDC Priorities post-COVID-19 Emergency

- Making COVID-19 vaccine and antiviral treatments more accessible
- Review and simplify vaccine recommendations
- Updated recommendations on additional updated (bivalent) mRNA dose:
  - Adults 65 and older
  - People 6 months and older who are immunocompromised
- Free vaccines and other treatments for uninsured Americans

Ensure all Americans remain protected against COVID-19
Changes at NCIRD

- New division: Coronavirus and Other Respiratory Viruses Division
- Absorb COVID-19 activities from CDC’s Emergency Operations Center and COVID-19 pandemic response task forces into NCIRD’s divisions and programs
- Increase capacity to achieve public health impact for COVID-19 activities and other vaccine preventable and respiratory disease efforts
- New surveillance dashboard
- Expand preparedness and response work domestically and globally

Bridge Access Program

- Free vaccines and antiviral treatments for uninsured Americans
- Vaccines at local pharmacies and health centers
- From US government to traditional commercial healthcare pathway
Influenza and RSV Surges

- Seasonal influenza activity was high and increased across the country
- Influenza:
  - At least 26 million illnesses
  - 290,000 hospitalizations
  - 19,000 deaths

Outpatient Respiratory Illness Activity by Jurisdiction

Influenza and RSV Surges

Influenza Vaccination Coverage, Pregnant Persons, 2019-2023

49% pregnant people 2022-2023

https://www.cdc.gov/flu/fluvaxview/dashboard/vaccination-coverage-pregnant.html
2022-2023 Influenza Vaccination Coverage, Children 6 Months-17 years, Urban and Rural (as of 4/15/23)

55% Vaccinated - Overall
60% Vaccinated - Urban
41% Vaccinated - Rural


Expected Changes for Upcoming Respiratory Viral Season

- FDA approval of RSV vaccine
- Updated COVID-19 vaccine for fall/winter
- Annual influenza vaccine
Return of Vaccine-preventable Diseases

Kindergarten Coverage 2019-20 (pre-pandemic)  | 2020-21 (pandemic)  | 2021-22 (pandemic)
---|---|---
MMR | 95.2% | 93.9% | 93.5%
DTaP | 94.9% | 93.6% | 93.1%
Polio | 95.0% | 93.9% | 93.5%
Varicella (UTD) | 94.8% | 93.6% | 92.6%

Measles Exposure at a Large Gathering in Kentucky, February 2023 and Global Measles Outbreaks

Decline in Vaccination Coverage Among Kindergarteners During the Pandemic

Estimated vaccination coverage among kindergartners by vaccine—United States, 2019-20, 2020-21, and 2021–22 school years

2% drop in Kindergarten vaccination coverage since the start of the pandemic

275,000 children, who entered kindergarten during the pandemic, are susceptible to vaccine preventable diseases

https://www.cdc.gov/mmwr/volumes/71/wr/mm7116a1.htm
Vaccination Coverage with Selected Vaccines and Exemption Rates Among Children in Kindergarten—United States, 2019-20 School Year. PMC (nih.gov)
Vaccination Coverage with Selected Vaccines and Exemption Rates Among Children in Kindergarten—United States, 2021–22 School Year MMWR
Comprehensive Immunization Program

Proposed *Vaccines for Adults* program would:

- reduce the spread of vaccine-preventable diseases
- reduce vaccination coverage disparities and pave the way to greater health equity
- Create necessary infrastructure for a more effective response to future pandemics

P4VE: Advancing Vaccine Equity Across the Nation

Program Cumulative Data (As of December 2022)

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<tr>
<th>State, Local, and Community (SLC) Level Organizations</th>
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<td>258,764 Community-level spokespersons educated, empowered, or trained</td>
<td>2.72 Million People who attended promotional events from populations of focus</td>
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<th>National-level Organizations</th>
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<td>201 Nationwide educational campaigns launched</td>
<td>48 States reached through tailored educational campaigns</td>
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<th>Minority-led Medical and Professional Associations</th>
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<td>508,478 Clinicians reached through any new strategies and resources</td>
<td>1,170 Healthcare organizations reached</td>
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Raising Awareness About Vaccination

¡Gracias! Thank you!

CDC-INFO: https://wwwn.cdc.gov/dcs/
NCIRD: https://www.cdc.gov/ncird/
Vaccines & Immunizations: https://www.cdc.gov/vaccines/
Partnering for Vaccine Equity: adultvaxprogram@cdc.gov

For more information, contact CDC
1-800-CDC-INFO (232-4636)

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