Impact of COVID Pandemic on Routine Vaccination
2020-2021 Kindergarten Vaccination Assessment

- Decrease in reported kindergarten enrollment ≈ 10%, 400,000 students
- Decreased response rates from schools
- Easing of vaccination requirements, especially for remote learning
- Formal/informal expansion of grace period/provisional enrollment
- Reduced access to well-child appointments & parental reluctance
- Reduced submission of documentation by parents
- Less time for school nurses to follow-up with students
- Fewer staff to work on assessment & reporting
- Changes to kindergarten vaccination coverage data collection schedules

https://www.cdc.gov/mmwr/volumes/71/wr/mm7116a1.htm
Vaccines For Children
Provider Orders for All Non-Flu Vaccine Components by Fiscal Year*

*Fiscal Years are from October 1 through September 30. FY2022 is from October 1, 2021 through April 30, 2022.
Estimated Vaccination Coverage by Age 24 Months, by Birth Year, National Immunization Survey-Child, United States, 2012-2020

- 3+ Polio
- 3+ HepB
- 1+ MMR
- 4+ DTaP
- Hib
- 2+ HepA (35 mo)
- 4+ PCV
- 2+ Influenza
- 1+ VAR
- 7-vaccine series
- Rotavirus
- HepB Birth
- HepB Birth
- 2+ Influenza

Comparison of VFC Provider Orders for All Measles Components by Fiscal Year*

VFC Provider Orders for June to September for all MMR Components

VFC Provider Orders through May for all MMR Components

*Fiscal Year is defined as October 1 through September 30.

Compared to FY17/18
- FY2020: Total vaccine orders decreased 18%
- FY2021: Total vaccine orders decreased 3%
- FY2022: year to date (May 2022) orders are similar

* The Measles containing provider orders for FY19 were adjusted to represent the average number of total doses ordered in FY17 and FY18. This is due to provider orders in FY19 being larger than normal as a result of Measles outbreaks that fiscal year.
Estimated vaccination coverage among adolescents aged 13-17 years, by survey year—National Immunization Survey-Teen United States, 2006-2020

Abbreviations: Tdap = tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine; MenACWY = quadrivalent meningococcal conjugate vaccine; HPV = human papillomavirus; ACIP = Advisory Committee on Immunization Practices.
Comparison of VFC Provider Orders for All HPV Components by Fiscal Year*

Compared to FY2019

- FY2020: Total vaccine orders decreased 24%
- FY2021: Total vaccine orders decreased 9%
- FY2022: year to date (May 2022) orders are down 10%

*Fiscal Year is defined as October 1 through September 30.
Routine Childhood Immunization Catch-Up

Continued impact of the COVID-19 pandemic on routine childhood immunization

- During the 2020-2021 school year, national vaccination coverage among kindergarten children dropped from 95 percent to below 94 percent
  - Amounts to at least 35,000 more children across the U.S. that entered kindergarten without documentation of complete vaccination against common diseases (measles, whooping cough, chickenpox)
- Enrollment in kindergarten dropped by 10%
  - 400,000 fewer children entered kindergarten than expected—might not be up to date on their routine vaccinations
- Good news: routine vaccination coverage remains high, and we can recover ground lost during the pandemic.
- CDC is focusing on rebuilding and reconnecting with communities and partners.
NCSL State Public Health Symposium
Considerations for Routine Child Vaccination

Joseph M. Kanter, MD, MPH
State Health Officer, Louisiana Department of Health

7/1/2022
Louisiana Vaccination Rates Pre vs Post School Entry

≥1 dose MMR among children before they go to school (2 yo)
Louisiana ranks 40th
- Louisiana coverage: 89.8%
- U.S. coverage: 92.8%

≥2 dose MMR among children after they go to school (13-17 yo)
Louisiana ranks 24th
- Louisiana coverage: 94.0%
- U.S. coverage: 91.9%
Vaccination coverage by age 24 months among children of different races/ethnicities (2014-2017)

<table>
<thead>
<tr>
<th></th>
<th>Louisiana</th>
<th>U.S.</th>
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</thead>
<tbody>
<tr>
<td><strong>White</strong></td>
<td>66.9%</td>
<td>71.2%</td>
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<tr>
<td><strong>Black</strong></td>
<td>68.6%</td>
<td>64.2%</td>
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<tr>
<td><strong>Hispanic</strong></td>
<td>70.6%</td>
<td>70.2%</td>
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<thead>
<tr>
<th></th>
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<th>U.S.</th>
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<tbody>
<tr>
<td><strong>Flu (2 doses)</strong></td>
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<tr>
<td><strong>White</strong></td>
<td>47.9%</td>
<td>59.1%</td>
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<tr>
<td><strong>Black</strong></td>
<td>34.1%</td>
<td>43.4%</td>
</tr>
<tr>
<td><strong>Hispanic</strong></td>
<td>45.7%</td>
<td>53.5%</td>
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</table>
Louisiana Shots for Tots

- LA Shots for Tots is a 501(c)3 nonprofit, statewide organization comprised of a network of public and private entities working to educate parents and providers to achieve the highest level of immunizations for children in Louisiana.

- Shared goal: 90% of all Louisiana children are immunized with their primary series by age two.

- Specific focus on HPV vaccine.
HPV Vaccination coverage among adolescents ages 13-17 (2015-2019)

<table>
<thead>
<tr>
<th>HPV</th>
<th>LA</th>
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<tbody>
<tr>
<td>White</td>
<td>36.9%</td>
<td>44.1%</td>
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<tr>
<td>Black</td>
<td>62.2%</td>
<td>48.7%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>45.5%</td>
<td>53.7%</td>
</tr>
</tbody>
</table>
Health Heroes School Partnership program

• Mobile Vaccination Contracts with Health Heroes and other contract vaccination teams across the state

• Vaccinate students (and staff) at schools for flu, COVID-19 and other routine immunizations

• Since March 2021, LDH has tasked contract teams to 507 School Located Vaccination events administering 13,497 vaccine doses to students and staff
Direct to Family Outreach

- Utilization of Immunization Information System (ISS) to send targeted mailings and text messages to families
- Useful for back-to-school vaccine drives and other periodic reminders
- Can be targeted to specific gap regions or populations
All of your credentials in one place

- Driver’s License or State ID
- Wildlife & Fisheries Licenses
- SMART Health Card
- Dependent SMART Health Cards
- Organ Donor Status
- Vehicle Registration *(Coming Soon)*
- Concealed firearm Permit *(Coming Soon)*

Digital Health ID- LA Wallet
Learned lessons

• Empower local trusted messengers
• Identify and enlist confidential experts
• Constantly ask yourself: Who is not being served currently?
• For hearings and organized public events, anti-vax showing is increasingly likely: Have a plan, be strategic, and do not allow your event to inadvertently aid in the propagation of disinformation
• Prevention (pre-bunking) is more effective than treatment (de-bunking)
• Despite the loudest voices, overwhelming majority of the public remains very pro-vaccine
• Be careful of opening Pandora’s box
Legislative Respondents

Senator Michael Kennedy
Utah, District 14

Delegate Ariana Kelly
Maryland, District 16