Overview

Vaccines are a safe and effective way to prevent the spread of serious disease and keep children healthy as they grow. For each birth cohort vaccinated in the U.S. per the recommended schedule, vaccines save 33,000 lives, prevent 14 million cases of disease, and save $9.9 billion in direct healthcare costs.

All students and school staff deserve a healthy school environment that supports their wellbeing and builds a strong foundation for learning. It takes an entire community to protect against serious disease. Because diseases such as measles can spread rapidly, adequate vaccination coverage at the school level — roughly 95% for each vaccine — helps to protect the health of students, staff and others in the community, including those who cannot be vaccinated for medical reasons or because they are still too young to receive vaccines. This is known as herd immunity or community protection.

With national measles cases reaching the highest number in nearly 30 years, it’s crucial that we take steps to protect students and community members from preventable disease.

Did You Know?

- **49th** Colorado ranks last among the 49 states that reported for kindergarten vaccination rates.
- **9,424** Colorado kids were hospitalized or went to an emergency room with vaccine-preventable diseases in 2017.
- **96%** of vaccine exemptions in Colorado are claimed for non-medical reasons.
- **28,874** K-12 students entered Colorado schools in 2017-18 without protection from one or more vaccines.

Why It Matters

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**Vaccination Reporting Policy**

Per Colorado law and Board of Health Rule, all licensed schools and child care centers are required to report their immunization and exemption rate information annually to the Colorado Department of Public Health and Environment (CDPHE) to be made publicly available online.

To access the school immunization data, visit [www.covaxrates.org](http://www.covaxrates.org).
How Is My District Doing?**

Total school district enrollment: 43 students

- The percent of students in Kim School District fully immunized for each vaccine is 98%.
- Exemption rates for each vaccine range is 2.3%.
- Depending on the vaccine, fewer than 10 students in Kim School District claimed an exemption.
- Depending on the vaccine, fewer than 10 students in Kim School District have an incomplete or missing record.

What Does This Mean for Our Schools?

Vaccination is important to emergency response efforts and helps to prevent absenteeism, exclusions, and other societal and economic costs.

In the event of an outbreak, your school may be required to take measures to protect the student population or community at-large, such as excluding students. These lost days of school have impacts on a student’s education and long-term success.

Case in Point:

Recent Colorado and national cases and outbreaks of vaccine-preventable diseases like measles, mumps, influenza, hepatitis A, whooping cough and chickenpox highlight the importance of ensuring the children in Kim School District are fully immunized so that they, and the entire community around them, are protected from serious illness.

What We Can Do Together

- **REMIND** students, families and staff of the importance of on-time vaccination and school vaccine requirements.
- **BUILD RELATIONSHIPS** between school administrators, school nurses and local public health to meet state vaccination requirements.
- **PARTNER** with other stakeholders to identify opportunities to deliver and/or improve access to vaccines for students, such as supporting school-based health centers and vaccination clinics.
- **SEEK SUPPORT AND GUIDANCE** from your local public health agency and CDPHE regarding communicable disease control protocol.
- **STAY INFORMED** of science-based immunization information, as well as what’s happening with vaccine coverage rates and outbreaks in your community and beyond. Vaccine-preventable disease can spread quickly across regions.
- **SUPPORT POLICIES** that help families access vaccines and ensure appropriate funding for school nurses and resources that save time and money for schools, such as the Colorado Immunization Information System (CIIS).
- **ENCOURAGE** families to provide accurate vaccination records rather than claim an exemption out of convenience. Assist families in locating their child’s record.

To explore your district’s data using online dashboards and to access related resources and references, visit [childrensimmunization.org](http://childrensimmunization.org)

### Percentage of Kim School District Students Fully Immunized By Vaccine, 2018-19*

<table>
<thead>
<tr>
<th>Disease/Vaccine</th>
<th>Fully Immunized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measles/MMR</td>
<td>98%</td>
</tr>
<tr>
<td>Mumps/MMR</td>
<td>98%</td>
</tr>
<tr>
<td>Rubella/MMR</td>
<td>98%</td>
</tr>
<tr>
<td>Pertussis/DTaP</td>
<td>98%</td>
</tr>
<tr>
<td>Diphtheria/DTaP</td>
<td>98%</td>
</tr>
<tr>
<td>Polio/IPV</td>
<td>98%</td>
</tr>
<tr>
<td>Varicella/VAR</td>
<td>98%</td>
</tr>
</tbody>
</table>

These levels of risk were determined using herd immunity thresholds for each disease in combination with the HP 2020 goals of 95%.

- Low Risk of Outbreak
- Moderate Risk of Outbreak
- High Risk of Outbreak

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*These data include both public and private schools that reported data.

†These data include the following school-required vaccines: HepB, MMR, DTaP, Polio, and Varicella.