Boosting futures: Successes, tools, and resources for school-located vaccination (SLV) events

May 29, 2024

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COLORADO Department of Public Health & Environment

Background and shared goal

Keeping kids healthy and in school.





State-based school immunization laws

- Vaccines remain among the most successful and cost-effective public health tools available for preventing disease.
- All states have vaccination requirements for children attending child care facilities and schools.
- This "system of immunization" or "system of prevention" works year-round to maintain high vaccination coverage and low rates of vaccine-preventable diseases (VPDs).





A tool for navigating from vaccine to vaccinated











School-located vaccination (SLV) events are events intended to vaccinate a large group of students at one time.



SLV events help schools meet requirements & goals

- Colorado law **requires** all students attending Colorado schools and licensed child cares to be <u>vaccinated against certain</u> <u>diseases</u>, unless an <u>exemption</u> is filed.
- Reaching high vaccination coverage of school-age children is an essential public health objective, as outlined in <u>Healthy People</u> 2030 and the <u>National Association of School Nurses' (NASN)</u> position statement.
- <u>Senate Bill 20-163</u> created the vaccinated children standard, which aims to ensure that **95% of the student population at** every school is vaccinated for all <u>school-required vaccines</u>.





The school is an **ideal place** to reach children from all cultures, socioeconomic groups, and age groups who attend each day.

The school is conveniently located in a **familiar** and **trusted** environment.



Barriers to hosting SLV events

- Knowing where to begin
- Time intensive
- Finding a community immunization partner
- Communications and promotion
- Gaining buy-in from school administrators
- How to best address equity
- Navigating common barriers





Colorado-specific SLV event toolkit

>

School-located vaccination event (SLV) toolkit

Disease Control and Public Health Response

Immunization

School-located vaccination events

School-located vaccination (SLV) events are intended to vaccinate a large group of students at one time. These events have a long history in the United States as an effective strategy to protect children and communities from vaccine-preventable diseases.

SLV events:

- · Are a simple, proven way to support healthy schools.
- Decrease absenteeism due to missing school-required vaccines and/or because of vaccine-preventable diseases.
- · Reduce barriers and promote equity by offering prevention services in a trusted, accessible location.
 - This toolkit focuses on vaccination, but these events could include community resources, help with insurance navigation, and
 promotion of programs within the school community.
- Reach children of all backgrounds, cultures, socioeconomic statuses, languages, and age groups.
- Provide convenience for families.
- Increase community involvement in schools.

Conducting a successful SLV event requires careful planning and strong partnerships. Use the links below to navigate to specific resources.



l am a school

l am a community vaccine provider

Toolkit development was a collaborative effort

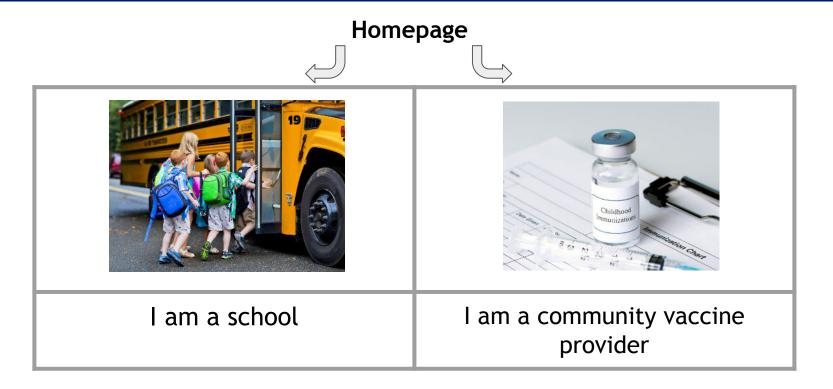
- School nurse workgroup / med-epi intern
- School nurses and child care health consultants
- Colorado Department of Education (CDE)
- Healthy Child Care Colorado
- Youth Healthcare Alliance
- Immunize Colorado
- Local Public Health Agencies
 - Immunization staff
 - Epidemiology staff
- CDPHE
 - Immunization Branch
 - Medical Epidemiology Unit
 - Communications
 - Policy and leadership





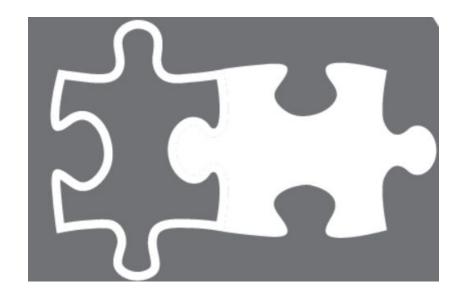
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Introducing a Colorado-specific SLV event toolkit





Choose your own adventure

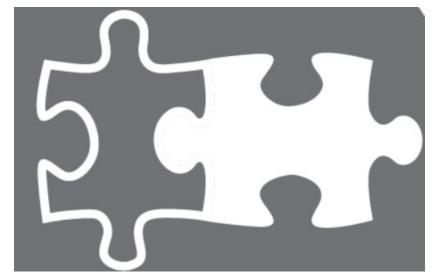






Choose your own adventure

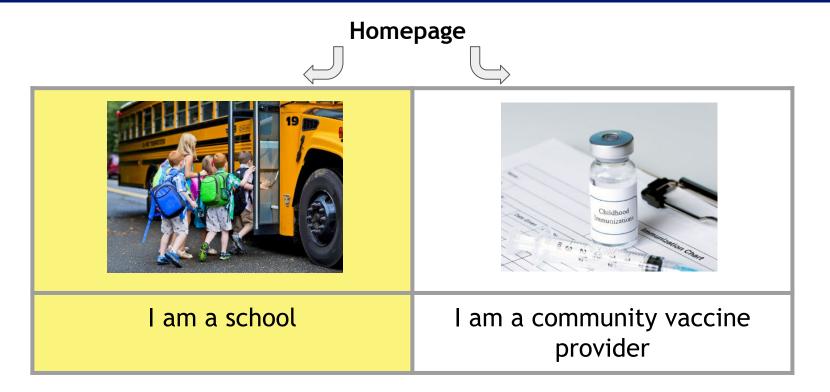
Is this your first time?



Are you a pro and need some specific tools?









I am a school

- 1. Why host a school-located vaccination (SLV) event?
- 2. What resources are available if my school can't host an SLV event?
- 3. Administrative support for hosting a SLV event
- 4. Outline your SLV event
- 5. Identifying who needs vaccines
- 6. Do you need a community vaccine provider for your SLV event?
- 7. Roles and responsibilities
- 8. <u>Planning and implementing a SLV event</u>
- 9. <u>Promoting the SLV event</u>
- 10. Use best practices for immunization record documentation
- 11. <u>Students who need additional vaccines following the SLV event</u>
- 12. Address and respond to common challenges (FAQ)



Resources available if school can't host an SLV event

You can find vaccines at providers throughout the state. Use the links below to find a vaccine provider near you.



Find your local public health agency

Look up the contact information for your county's local public health agency.



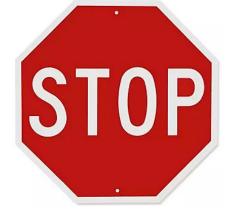
Find a Vaccines for Children provider

These providers have low- or no-cost vaccines for children who are on Medicaid, uninsured, underinsured and/or Alaska Native/American Indian.



Mobile vaccine clinics

These mobile clinics provide low- and nocost vaccines to Coloradans of all ages, regardless of insurance, including those required for school and child care.





Find a vaccine clinic through Primary Health

Use this interactive tool to find vaccine appointments for yourself or your family near your ZIP code.



Find Medicaid services

If you are enrolled in Health First Colorado, Colorado's Medicaid program, use this map to find a health care provider near you.



Use Healthgrades' website to find a doctor in your area.

Administrative support for hosting a SLV event

Gaining administrative support for school-located vaccination (SLV) events



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Immunization Branch Gathering administrative support for school-located vaccination (SLV) events Talking points

- School-located vaccination (SLV) events are events intended to vaccinate a large group of students at one time.
- 2. Benefits of hosting a SLV event:

Outline the scope of SLV event



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Immunization Branch School-located vaccination (SLV) Outline the scope of your event

Outlining the scope of the event with your vaccine provider is critical.

Discussing questions regarding the availability of student immunization records, the need for immunization record translation, the students' age range(s), what vaccines will be needed, and others can help the vaccine provider know how to plan resources and set limits on what they can accomplish during the SLV event. Here are some questions to get you started:

Identification/Provider/Roles and responsibilities

- Identifying who needs vaccines
- <u>Do you need a community vaccine provider</u>?
- Roles and responsibilities



Planning and implementing a SLV event



Immunization Branch

School-located vaccination

events toolkit

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ronment Before the event planning checklist

- Verify support from school administration.
 - This could include the health services/school nursing team, principal, superintendent, school board, communications, security, IT, facilities/custodial, teachers' union, and parent organizations.
- Outline the scope of your SLV event.
 - This planning document is critical to identify who will be served, what vaccines will be available, whether the school can generate a student roster, etc.
- Make your event a party!
 - Everyone loves to have a good time, so ask yourself what you can do to provide a unique vaccine experience to your community. Do you have additional resources to provide? Are there activities you can add to the clinic that will attract people of various ages, abilities, and interests?
- Confirm your partnership and expectations with the vaccine provider.
- Identity immunization champions to form a planning team.
 - Detail roles and responsibilities of the team.
- Set your planning timeline.

Planning and implementing a SLV event



Immunization Branch

School-located vaccination

events toolkit

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nvironment Day of the event planning checklist

- Arrive early to gather final supplies and set up.
 - Clear signage is critical to a successful vaccine clinic. Ensure there are clear directional signs to direct attendee flow and what each area will be used for (check-in, waiting area, etc.).
- Final staff and volunteer training:
 - Depending on the role of the volunteer, it may be more appropriate for the vaccine provider to train them. For example, if you have volunteers helping with check-in, but the vaccine provider has a specific check-in process, you will want them to lead that training.
- The community vaccine provider and school staff should follow the <u>roles and</u> <u>responsibilities</u> agreed upon during the planning process, adjusting as needed.
- Greet families and create a welcoming environment.
 - Provide families with resources and respond to questions.
- With parental consent, provide the community vaccine provider with immunization records that may not be in the <u>Colorado Immunization</u> <u>Information System</u>.
- Implement accessibility plans and respond to the needs of families throughout the clinic.

Planning and implementing a SLV event



Immunization Branch

School-located vaccination

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nt Evaluation/post-event checklist

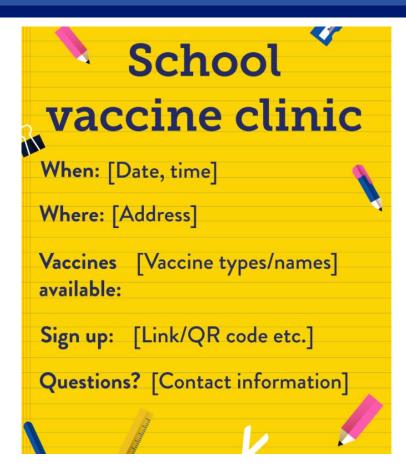
events toolkit

 $\checkmark~$ Ensure the school receives updated immunization records from the vaccine provider.

Per Colorado Revised Statutes 25-4-2403(2.5) and 25-4-2403, immunizing providers are required to submit immunization, medical exemption, and nonmedical exemption data into the Colorado Immunization Information System.

- \checkmark Schedule a time to perform an evaluation with planning partners.
- Evaluate the SLV event:
 - Number of vaccines given
 - Number of students vaccinated
 - Number of students now in compliance
 - Document successes and evaluations.
 - Note comments made by staff, volunteers, and participants during the event.
 - Document areas of opportunity and things you may wish to change during a future event.
 - Use evaluation tools to debrief the event. Consider a Strengths, Weaknesses, Opportunities, Threats (SWOT) analysis. See the <u>Minnesota</u> <u>Department of Health</u> to learn more.

Promoting the SLV event



Immunization record documentation best practices



Colorado Immunization Information System

Main Application



Per Colorado Revised Statutes 25-4-2403(2.5) and 25-4-2403, immunizing providers are required to submit immunization, medical exemption, and nonmedical exemption data into the Colorado Immunization Information System.



(name) (date of birth) Your child

is catching up on vaccines to keep them healthy and in school. Your child is recommended to receive the following vaccines on or after the date(s) specified.

- Flu (influenza, during flu season)
- IPV (polio)
- PCV
- (pneumococcal) MCV4
- (Meningococcal ACWY)
- MenB
- (Meningococcal B) MMR (measles.

mumps, rubella

(date).

syncytial virus, during RSV season) RV (rotavirus)

RSV (respiratory

- Tdap (tetanus, diphtheria. pertussis)
- Varicella (chickenpox)

- Find a free/low-cost vaccine provider: cdphe.colorado.gov/find-no-cost-vaccine-provider
- Free/low-cost vaccines in the Denver Metro Area: immunizecolorado.org/what-we-do/no-and-low-cost-vaccines





FAQ/Resources

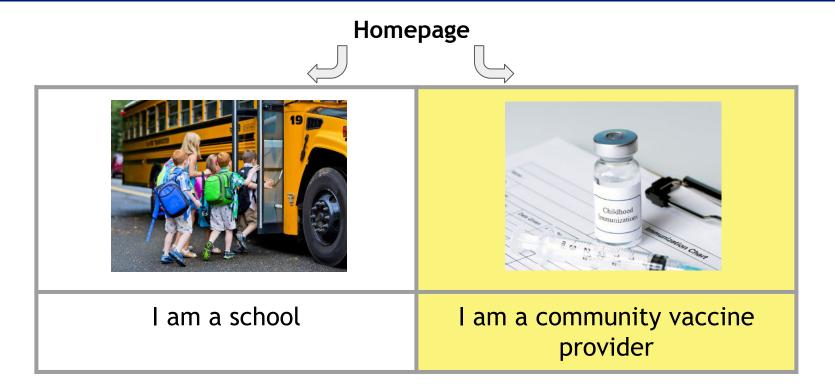
Address and respond to common challenges (FAQ)

- Create a positive vaccine environment
- Addressing vaccine anxiety
- Privacy and confidentiality
- Cost
- Consent
- Addressing equity concerns
- Transportation
- Attendance
- Security

Resources:

- <u>Accurate and factual info about vaccines and the</u> <u>diseases they prevent</u>
- Interactive FAQ for parents from the American Academy of Pediatrics (AAP)
- <u>American Academy of Pediatrics website with videos on</u> <u>how vaccines work</u>.
- <u>CDC vaccination schedules</u>
- <u>Vaccine Education Center at the Children's Hospital of</u>
 <u>Philadelphia</u>
- <u>Vaccine hesitancy toolkit</u>
- <u>CDC communication toolkit for education professionals</u>
- <u>Association for Immunization Managers school-located</u>
 <u>vaccination toolkit</u>
 - <u>Association for Immunization Managers school</u> <u>nurse vaccine clinic checklist</u> (PDF)
- Healthy People 2030 vaccination

CDPHE's <u>Immunization Branch</u> is here to help. <u>Contact</u> <u>staff with questions</u>.





I am a community vaccine provider

- 1. Why partner with a school to hold a SLV event?
- 2. Colorado school immunization requirements and law
- 3. Best practice:
 - Eliminate barriers to vaccination
 - Unnecessary pre-requisites for receiving vaccines
 - Missed opportunities to vaccinate
 - Simultaneously administer as many vaccine doses as indicated
 - Documentation into CIIS; add historical records
- 4. Links to existing tools:
 - CDC's mass vaccination clinic planning guidance
 - Storage and handling
 - Guidance for VFC providers
- 5. Reference the "I am a school page"
- 6. Resources (more toolkits)





Special thanks



A special thanks to Amy Dreher, Margaret (Marnie) McKercher, and Olivia Stitilis for their time, expertise, and contributions to form this toolkit.



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Mobile Public Health Clinic Program





The Mobile Public Health Clinic Program's mission is to bridge gaps in access to disease control and public health services, with an emphasis on serving low-income and underserved areas of the state.

Currently, the majority of the program's vaccines come from federal vaccine programs such as the Vaccines for Children and Bridge Access programs. We primarily serve uninsured and underinsured Coloradans.



Vaccine administration

- We are a VFC/317/Bridge Access provider.
 - VFC: 18 and younger who are on Medicaid, AI/AN, un- or underinsured
 - 317: Un- and underinsured adults 19 and older
- SB 23-260 prohibits requiring a government-issued ID, a SSN card, a fee for the vaccine and vaccine administration, and proof of insurance.



Clinic photos











Summer/Fall 2024

- Currently accepting requests for VFC-focused events across the state. The following are some examples of criteria applied for accepting requests:
 - Majority of kids are VFC eligible
 - Below 90% compliant in MMR vaccine rates
 - High on the Social Vulnerability Index (SVI) and/or generally lack access to traditional healthcare services
- During the summer months we are looking to connect with meal handout programs, summer schools, or community facilities that are open to kids during the summer months.



Aspects to consider

- Ensure you have an eligible population that matches with our program's mission.
 - Consider offering vaccines to the whole family but know that capacity may be affected
- Indoor spaces that would offer good clinic flow and private space for kids to be vaccinated.
- We do accept kids that present without a parent/guardian with proper consent provided however, we will not hold kids without a parent/guardian present.





Aspects to consider



- Our program capacity is about 5-7 kids per hour.
- Consider doing an event tailored to incoming kindergarteners and sixth graders.
- Submit requests early to give enough time for 6 weeks of promoting the clinic and doing outreach to the community.
- Submitting a request does not guarantee your clinic will be accepted.
 - Do not promote your event until it's been fully confirmed by a Community Action and Engagement Regional Coordinator.



How to submit a request

- First, check with your <u>local public health agency</u> or local vaccine provider to see if they are able to put on your event.
- Review <u>our webpage</u> for more information and review our <u>Tips for a Successful Toolkit</u> document
- Organizations can request a community-based mobile vaccine clinic through the <u>Health Equity</u> <u>Community Action & Engagement team</u> by either contacting the Regional Coordinator who serves their county and/or any of the Disproportionately Affected Populations liaisons with whom their organization works.
- <u>Submit a clinic request form</u>
- Remember to first check with your <u>local public health agency</u> to see if they are able to put on your event.



MPHCP process: Prior to clinic

- School advertises clinic using various methods such as online, through emails, or sending immunization letters home to students. Consider using community members or liaisons who speak the same language as the target population and can speak to importance of vaccination.
- Schedule appointments Register students with MPHC link or QR code in Primary Health, by parent/guardian or school staff.
- Send MPHC team student records for those with scheduled appointment times.
- MPHC will review and verify information in CIIS.



Advertising examples

	and no-cost ine clinic
Date:	
Time:	
Location	:
Vaccines available	
	COLORADO'S MOBILE PUBLIC HEALTH CLINIC

www.MobilePublicHealth.com

¿Tienes un certificado de vacunación? 🔊



Un certificado (o cartilla) de vacunación es un documento del gobierno o de un médico en el que figuran todas las vacunas que has recibido.

Ejemplo de certificados de vacunación:

Vacuna	Dosis	Fecha	Lote	Firma	TARJETA DE VACUNACIÓN
*Otras: Varicela	1	24/4/20	2020030332	J.S.	Escolares y Adultos
*Otras: VACUNA MMR	1	18/7/21	2021458943	M.G.	Nombre:
*Otras:					Cédula:Fecha de nacimiento:_/_/_/_ Sexo: M□F□
*Otras:					
*Otras:					Establecimiento de salud:
*Otras:					Municipio: Estado:
*Otras:					

Para vacunarte en nuestra clínica, no necesitas un certificado (o cartilla) de vacunación. Sin embargo, este documento nos ayudará a saber qué vacunas ya te has aplicado y cuáles necesitas ahora. Las vacunas pueden evitar que contraigas enfermedades graves.





MPHCP process: Day of clinic

- Team will arrive on site approximately one hour prior to start and check in at front office.
- Park the Mobile Van near clinic site and plug in to an outlet.
- Unload equipment, orient to site, establish clinic flow.
- Set up clinic area: registration, record verification/vaccine dispensing, vaccination, and general waiting area.
- Pre-clinic briefing: introductions, setting roles and responsibilities, giving school officials the opportunity to provide our team information about the students or populations they serve, and any other notable information related to the day.



MPHCP process: Clinic flow

Welcome/Registration

- CDPHE, school staff, volunteers located at front of clinic site to direct students, answer questions, or assist with registration.
- Enter (if not pre-registered) and verify student's information in the EHR system.
- Obtain additional vaccination records, enter in CIIS.
- Print out Immunization Record (Yellow Card).

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	Date of birth The minimum age for participation is 0 years and 6 months Month Day Year Address	
	Home address *	Apt/suite #
	City * State * V	Postal code *
	Contact	
	Mobile phone number Email *	
	Landline?	



MPHCP process: Clinic flow

Record verification

- Nurse reviews records with CDC Immunization Schedule and indicates vaccines due.
- Nurse counsels student and parent/guardian on recommendations, provides education.
- Nurse verifies vaccines to be administered.

Vaccine dispensing

- Review Immunization Record (Yellow Card)
- Pull vaccine from inventory, provide labels
- Responsible for inventory tracking and temperature checks



MPHCP process: Clinic flow

Vaccination

- Verify correct vaccines.
- Provide additional counseling, follow up recommendations.
- Administer vaccines.
- Update Immunization Record, student is given Yellow Card. Certificate of Immunization can also be provided.

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MPHCP process: Post clinic

- Provide immunization records to school.
- Evaluate clinic: number of vaccines given, number of students vaccinated.
- Solicit feedback, identify areas of opportunity.
- Give students who need additional doses a reminder of next date due and resources to find a provider

Don't forget your next vaccine dose!



The vaccines you received today and the doses you'll need next are written on the card you received at your appointment.

To find your complete vaccine record online, go to <u>ciis.state.co.us/public/Application/PublicPortal</u>.







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MPHCP: What we learned

- <u>Challenge/Barrier</u>: All students and parents arriving at the same time, led to long wait times, some families needing to leave.
 <u>Solution</u>: Scheduling appointments slots every 15 minutes reduces wait time and student apprehension. Allows time to add in additional appointments off waitlist.
- <u>Challenge/Barrier</u>: Reviewing and entering all vaccination records on-site, day of clinic. <u>Solution</u>: Obtain records from school nurse 1-2 weeks prior to clinic, which allows for data entry prior and record review of immunization schedule. This leads to reduced wait time and better inventory preparation.
- <u>Challenge/Barrier</u>: Vaccine records in multiple places school system, paper records. <u>Solution</u>: Encourage families to bring copies of records, if available, early to school. Using CIIS to update records and educate on school required vaccines versus all eligible vaccines. Provide updated Yellow Cards so records will be consolidated and easy to take to another provider in or out of state.



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Questions?



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