

West Ada Research Results at a Glance- School Located Vaccination Clinic (SLVC) Effectiveness Study

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Participants: 5 West Ada Elementary Schools (5 control Schools)

Study Date(s): 2013–2014 school year

Cost of Project: \$ 0

Purpose of Study:

Do schools who participate in School Located Vaccination Clinics (SLVCs) within West Ada School District show less absenteeism compared to schools of similar location and demographics who do not participate?

What was done:

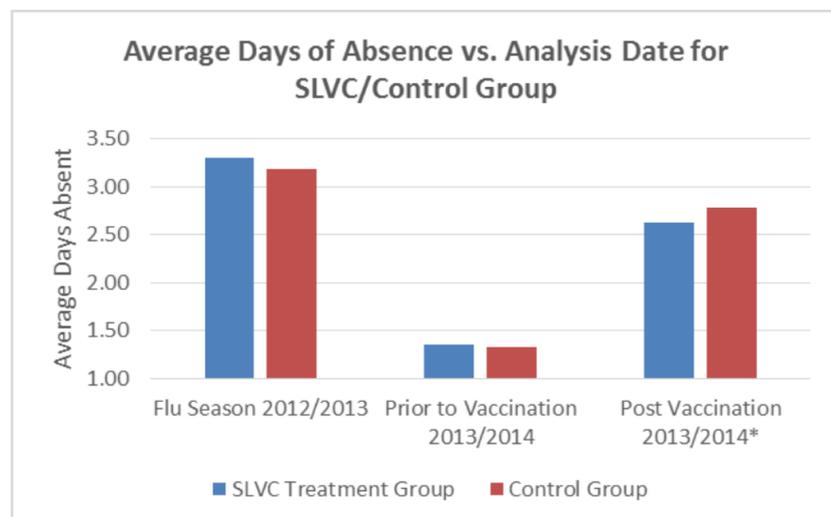
1. Flu Vaccine was provided under the federally funded Vaccines for Children Program (VLC) to participating schools.
2. West Ada school nurses promoted, prepared, and administered vaccines to participating students.
3. Meridian Pediatrics provided pro bono medical support.
4. Participation ranged from between 29%–51%

How we did it (methods):

1. Comparison of absenteeism between “School Located Vaccination Clinic” Schools (SLVC) and control group.
2. 5 Elementary schools who received SLVC; 5 elementary schools without SLVCs.
3. Statistical comparison of absence rates between the two groups of schools with similar demographics and location.

What we found:

* Significantly lower absenteeism due to flu-like illness was found across SLVC schools following student vaccination effort.



* denotes a significant difference between means at the $p = .05$ level

What this means:

1. Average Daily Attendance (ADA) was increased by up to 1.2% in schools where SLVCs were provided.
2. In this study alone (5 schools) SLVCs were responsible for, *on average*, 33.7 more students attending school daily. This equates to 6065 more days of school attended by our students in these schools alone. This would equate to approximately 79,920 more days of school attended if SLVCs conducted system-wide.
3. This increase in attendance occurred during an “average” flu season (2013–2014), a flu season of greater magnitude could yield greater differences in attendance rates for SLVC schools.
4. Average Daily Attendance (ADA) increase across entire district, if SLVCs were used system-wide could increase funding up to \$1,400,000 per year- dependent upon intensity of flu season- at no additional cost to the district.
5. Community-wide impact by having a student population that is resistant to yearly flu. Effects include decreased sickness in the very young and elderly (Reichert et al., 2001). This also will result in fewer missed work days by parents and school staff.

What we are doing now:

1. West Ada School District is increasing the number of SLVC schools to 10 and will include a high school.
2. Findings were presented to the Central District Health Department immunization coalition.
3. West Ada was asked to present findings to the Idaho Immunization Policy Commission.



West Ada
SCHOOL DISTRICT