Agenda Item No: 25.H



## STAFF REPORT

**Report To:** Board of Supervisors **Meeting Date:** February 20, 2020

**Staff Contact:** Nicki Aaker, naaker@carson.org; Jeanne Freeman, jmfreeman@carson.org

**Agenda Title:** For Discussion Only: Discussion and presentation regarding the Flu Vaccination Outreach

and Partnership between Carson City Health and Human Services (CCHHS) and the Carson City School District (CCSD). (Jeanne Freeman, jmfreeman@carson.org and Nicki

Aaker, naaker@carson.org)

Staff Summary: In 2019, approximately 15% of CCSD students were vaccinated at one of the school-located vaccination clinics. While the number of school-administered flu vaccines has declined over the last three years, the percentage of CCSD students receiving flu vaccines through the CCHHS school vaccination clinics has consistently been between 15% and 15.5%. Students are out of class an average of 7 minutes which is significantly shorter than the time it takes for a guardian to take the student from school to a doctor's appointment and then return the student to school. The partnership between CCHHS and CCSD continues to be positive and beneficial to the goals of both

organizations.

**Agenda Action:** Other / Presentation **Time Requested:** 15 minutes

#### **Proposed Motion**

N/A

#### **Board's Strategic Goal**

Quality of Life

#### **Previous Action**

N/A

#### Background/Issues & Analysis

Approximately half of all Carson City residents get a flu vaccination each year. Of those residents, 14% received their flu vaccination through CCHHS in 2018. Almost half of all the flu vaccines given by CCHHS are administered through the school-located clinics offered in partnership with the Carson City School District. In 2019, 15% of CCSD students were vaccinated through this partnership. By establishing a clinic at each school in the district, the community is provided convenient access to flu vaccinations for students and staff, along with providing a convenient option for families of school-age children. Additionally, the clinic supports the mission of the CCSD, while also acting as a direct example of the public health services available through CCHHS.

#### Applicable Statute, Code, Policy, Rule or Regulation

N/A

Financial Information 1

### Is there a fiscal impact? Yes

If yes, account name/number: Revenue - 2756081-465166 (Community Vax Private Revenue) Expenses - 2756800-501225 (Community Vax Outreach and Outbreak)

### Is it currently budgeted? Yes

(Vote Recorded By)

	venue is received from billing the indivevenue received. No general funds ar	
Alternatives N/A		
Attachments: CCHHS_CCSD Flu Outreach Vaccination	on Program Presentation.pdf	
Board Action Taken:		
Motion:	1)	Aye/Nay
	2)	<del></del>

# School Located Vaccine Program

Partnership between Carson City Health and Human Services and Schools

## **Program Highlights**

- Partnered with schools in Carson & Douglas Counties since 2009; added Lyon County schools in 2019
- Healthy Students = Educated Students
- Flu and pneumonia is 8<sup>th</sup> leading cause of death in U.S.-2018
- Most pediatric deaths from influenza in the United States are among those who are unvaccinated
  - 186 pediatric deaths nationwide during the 2017-2018 season
  - Highest number of flu-associated deaths reported during a regular flu season (excludes 2009 pandemic)

## Why Focus on Schools?

- Rates of flu infection are highest among school age children
- School enrollment makes up over 22% of the US population
- Benefits the larger community: protects the very young and elderly by decreasing spread of disease
- Flu in children is associated with increase in secondary infections
  - Ear infections, respiratory illness, sinus infection, meningitis
  - Increased doctor visits and school absenteeism

## **Community Immunity**

This program helps the community at large

Before: We called it Herd Immunity



Now: We call it Community Immunity



Protecting those who can't be protected

## School Located Clinics – Keep Children in School

- Students spend minimal time out of class; less than 10 minutes to get immunized
- Students not immunized are often protected through "community immunity" from immunized students
- More students are reached at no to low cost by School Located Vaccine Programs
- Students and Staff do not take ½ day or full day off for a physician office visit to get immunized
- Students remain healthy resulting in decrease absenteeism rates
- Healthy students demonstrate improved test scores

## **Carson City Stats**



Of Carson City residents who received a flu vaccine:







- Approximately 14% of Carson City residents are enrolled in CCSD
- About 58.2% of Carson City school children are vaccinated for the flu by some type of provider
  - This number has declined each year since 2009

## **Carson City Stats**

- Flu vaccination numbers in schools declines each year
  - Between 15%-15.4% of students are vaccinated by CCHHS each year
- Model CCSD Schools:
  - Empire ES



Bordewich Bray ES



## CCSD School Located Event Challenges

- Need for volunteers at each school
- Need for appropriate space for student comfort and privacy during vaccination
- Greater school nurse involvement
  - Screening and ensuring completion of student forms
- Better pre-event communications with each school
- Ensuring a form goes home with every student and is not discarded by school staff



 Have 80% of CCSD students vaccinated by any provider!



## **Contact Information**

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# Thank You!

