



Partnering with Schools to Get Adolescents Immunized: Innovations and Mental Health Opportunities

August 5, 2021

Vision: Healthy Communities, Healthy People



Webinar Facilitators



Sara Brett Kinsman, MD, MSCE, PhD
HHS Maternal Child Health Bureau
(MCHB)
Director of the Division of Child,
Adolescent, and Family Health (DCAFH)



Aitebureme "Aite" Aigbe, DrPH
HHS Maternal and Child Health Bureau
(MCHB)
Project Officer



Michael Warren, MD, MPH, FAAP
Maternal and Child Health Bureau (MCHB)
Associate Administrator

Presenters



Katherine Cushing, MPH

Program Manager of Quality, Research,
& Evaluation *School-Based Health Alliance*



Nancy Lever, PhD

Co-Director
National Center for School Mental Health



**Maureen Murphy, DNP,
APRN, FNP-BC**

Beaumont Health Teen Health Center, MI



Hannah Simon, MPH

Program Manager
*LA State University Health Sciences Center
New Orleans Department of Pediatrics*



Andrea Shore, MPH

Chief Program Officer
School-Based Health Alliance



Shawn Orenstein, MPH

Program & Policy Manager
National Center for School Mental Health



Tammy Greenwell, MPH

Chief Operating Officer
Blue Ridge Health, NC



Kathleen Stevens, LCSW

*School-Based Health Center, New Orleans
Charter Science & Math High School*



School-Based Health Alliance

Transforming Health Care for Students

- The national SBHC advocacy, technical assistance and training organization based in Washington DC, founded in 1995
- We support the improvement of students' health via school-based health care by supporting and creating community and school partnerships

www.sbh4all.org

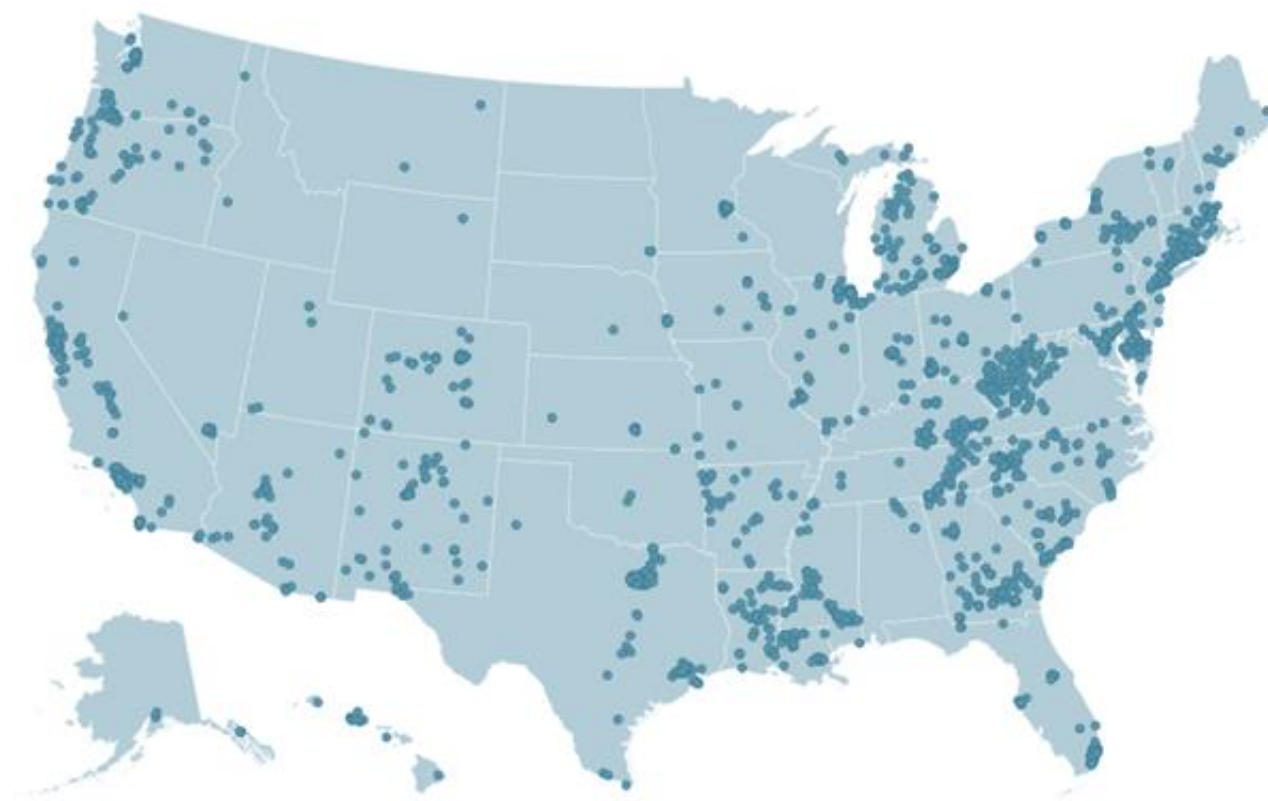


School-Based Health Center Defined

- Shared commitment between a school, community and health care organization(s)
- Support students' health, well-being and academic success by providing an array of services such as:
 - Medical
 - Behavioral counseling
 - Oral Health Care
 - Vision Care
- Works with existing school services and care providers but do not replace



2016-17 National School-Based Health Care Census



6.3 million* students in **10,629** schools have access to
an SBHC

*Exact number is 6,344,907 students representing 13% of students and 10% of public schools nationwide.



Established in 1995 with funding from the Health Resources and Services Administration

The **NCSMH mission** is to strengthen policies and programs in school mental health to improve learning and promote success for America's youth.



UNIVERSITY *of* MARYLAND
SCHOOL OF MEDICINE



www.schoolmentalhealth.org
www.theshapessystem.com



Facebook.com/
CenterforSchoolMentalHealth

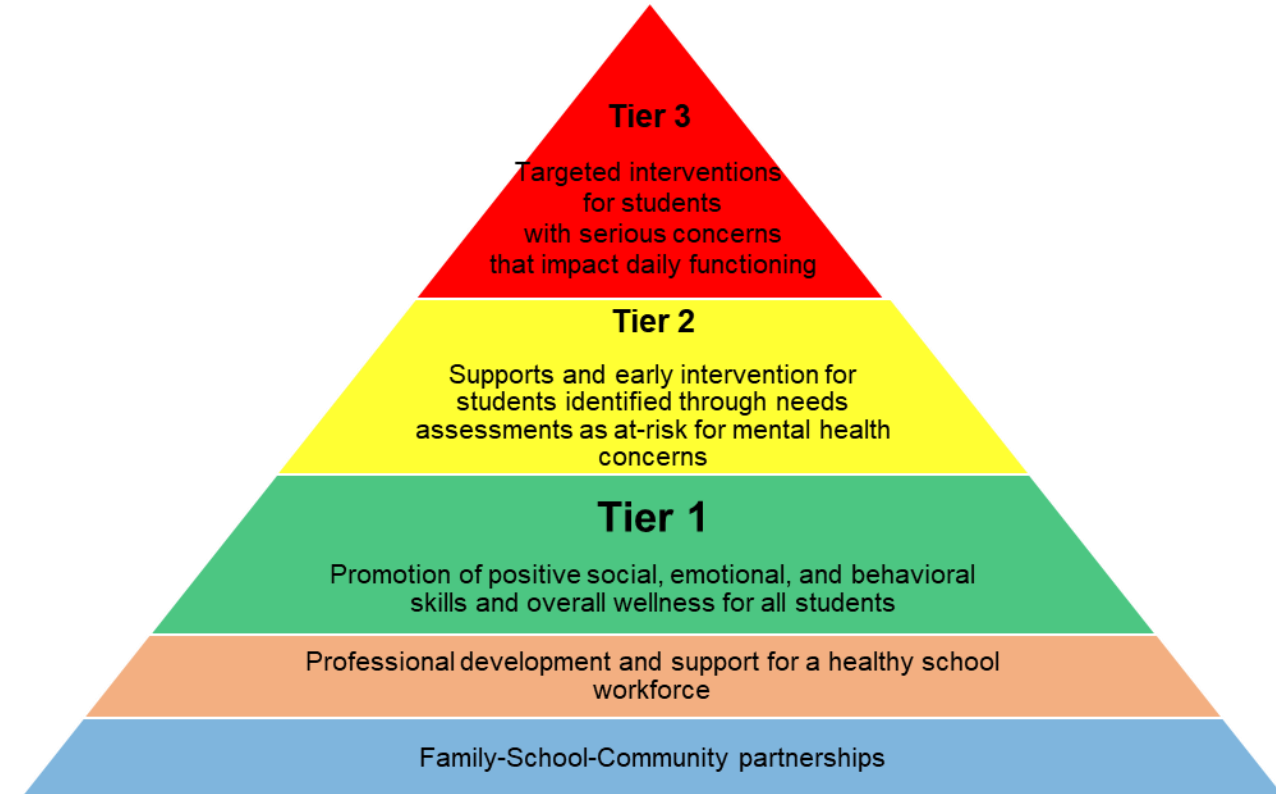


@NCSMHtweets



Comprehensive School Mental Health Systems

- provide a **full array of supports and services** that promote positive school climate, social emotional learning, mental health and well-being, while reducing the prevalence and severity of mental illness
- **built on a strong foundation of district and school professionals**, including administrators and educators, specialized instructional support personnel (e.g., school psychologists, school social workers, school counselors, school nurses and other school health professionals)
 - in **strategic partnership** with **students, families and community health and mental health partners**
- assess and address the **social and environmental factors** that impact health and mental health





IMPROVING HEALTH AND
MENTAL HEALTH IN SCHOOLS

National
Quality
Initiative

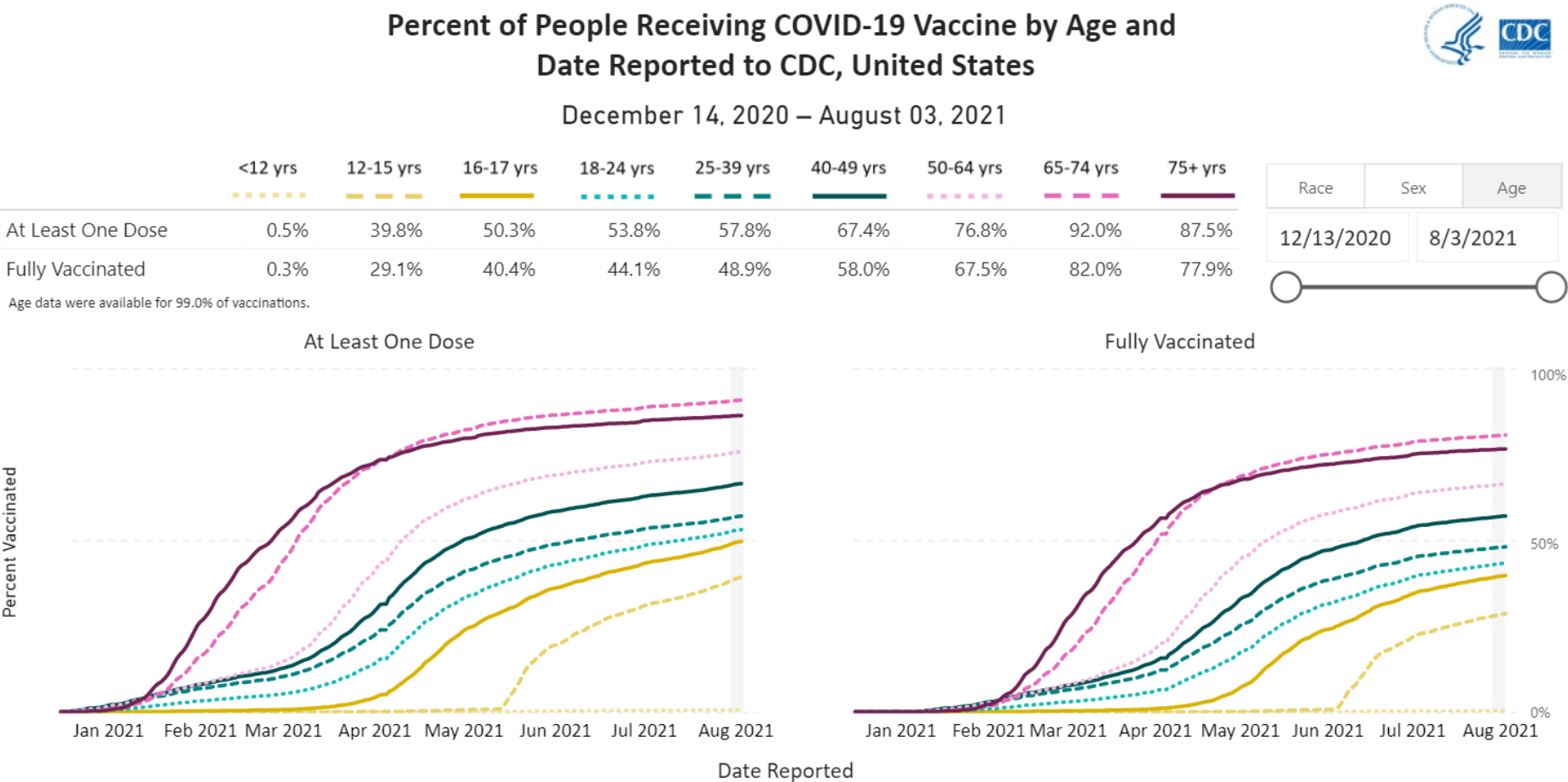


Challenging comprehensive school-based health centers and school mental health systems to adopt, report, and improve standardized performance measures

NQI Goals

1. Improve quality of care and use of best business practices that promote sustainability among 50 percent SBHCs/CSMHSs
2. Increase number and utilization of SBHCs/CSMHSs by 15 percent
3. Increase state policies and programs that promote quality, sustainability, and growth of SBH services

The Need: COVID and Routine Immunizations



People receiving at least one dose; total count represents the total number of people who received at least one dose of COVID-19 vaccine. People fully vaccinated; total count represents the number of people who have received a dose of a single-shot COVID-19 vaccine or the second dose in a 2-dose COVID-19 vaccine series. Due to the time between vaccine administration and when reported to CDC, vaccinations administered during the last 5 days may not yet be reported. This reporting lag is represented by the gray, shaded box. Texas does not report age-specific dose number information to CDC, so data for Texas are not represented in these figures.

Last Updated: August 03, 2021

Data source: VTricks, IIS, Federal Pharmacy Program, Federal Entities Program, U.S. Census Bureau 10-year July 2019 National Population Estimates; Visualization: CDC CPR DEO Situational Awareness Public Health Scientist Team

<https://covid.cdc.gov/covid-data-tracker/#vaccination-demographics-trends>



The Need: COVID and Routine Immunizations



CDC's public sector vaccine ordering data show a 14% drop in 2020-2021 compared to 2019, and measles vaccine is down by more than 20%.

<https://www.cdc.gov/vaccines/hcp/childhood-vaccination-toolkit.html>

LET'S GET KIDS CAUGHT UP

<https://www.cdc.gov/vaccines/parents/visit/vaccination-during-COVID-19.html>



As schools, day cares, and camps begin to reopen and offer in-person learning and care, it's particularly important for parents to work with their child's doctor or nurse to make sure they get caught up on missed well-child visits and recommended vaccines.

<https://www.cdc.gov/vaccines/parents/visit/vaccination-during-COVID19.html>

**RECOMMENDED
VACCINATIONS HELP
PROTECT ME AGAINST**

WHOOPING COUGH, MEASLES, MUMPS,
FLU, POLIO, TETANUS, HEPATITIS B,
HEPATITIS A, RUBELLA, ROTAVIRUS,
HIB, PNEUMOCOCCAL DISEASE,
CHICKENPOX, DIPHTHERIA



The Opportunity: School-Community Partnerships



General Promotion



Identification of Students for Targeted Outreach



Delivery and Administration



WCV and individual appointments



Vaccination Clinics



Vaccine Clinics



During school hours



School sporting events



Homecoming dances



Meal distribution sites



Back to school events



School-Based Health Resources



Who We Are ▾

What We Do ▾

Events

Resources



COVID-19 RESOURCES

SBHA is closely monitoring the impact of the COVID-19 pandemic on SBHCs and has compiled resources to help with planning.

[Learn More](#)



TELEHEALTH RESOURCES

Explore telehealth resources that can help expand the reach of services and better meet the needs of students.

[Learn More](#)



THE BLUEPRINT

The Blueprint is designed for you to find and utilize tools, examples, guides, and helpful resources.

[Learn More](#)

VACCINES & IMMUNIZATIONS

[Learn More](#)

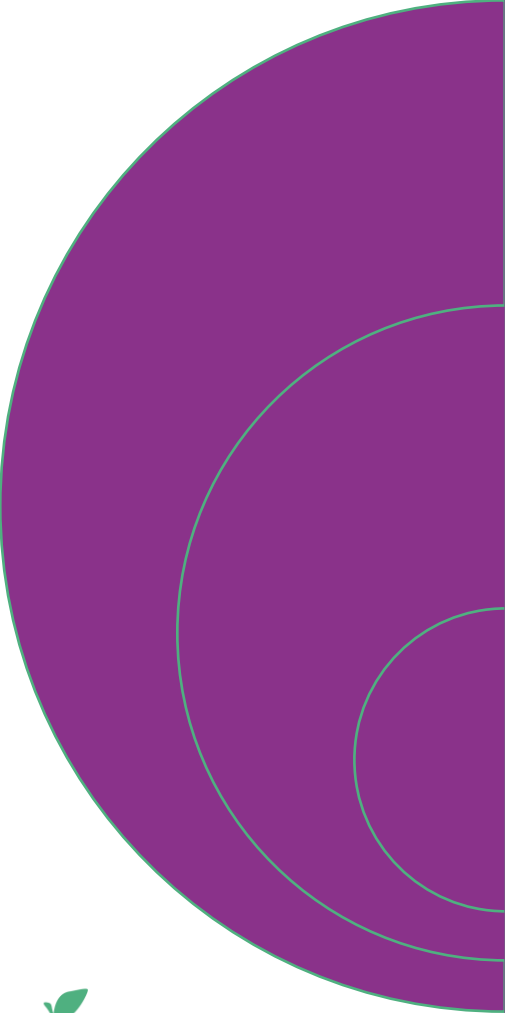
CHILDREN'S HEALTH & EDUCATION MAPPING TOOL

[Learn More](#)



(sbh4all.org)

Topical Resources Include Information On:

	Routine Childhood Vaccines and Immunizations	<ul style="list-style-type: none">• By administering vaccinations to adolescents, school-based health care can further increase access to care, particularly for adolescents from families most in need.
	School-Based COVID-19 Vaccination	<ul style="list-style-type: none">• CDC's Considerations for Planning School-Located Vaccination Clinics• <i>Advancing Health Center & School Partnerships to Improve COVID-19 Vaccination</i>
	Examples & Resources from the Field	<ul style="list-style-type: none">• Curbside Immunization Toolkit (Beaumont Health, Michigan)• Podcast - Vaccine Strategies for Youth (CHC, Inc./Weitzman, SBHA)• Sample flyer, parent letter, FAQs, & COVID-19 Clinic Layout



Topical Resources Include Information On:

Ideas you can try

School and Community Partnership

General Promotion:

- Collaborate with schools on joint vaccine and communication efforts. The school is often a trusted resource, particularly for the most vulnerable families. Joint vaccine events with schools can increase adolescents' and parents/guardians' comfort level and trust. Schools and school districts communicate with their entire communities daily.
- School districts promote the SBHC and immunization opportunities through existing communications.
- Partner with community leaders, athletic coaches, and school staff that students look up to who can serve as models for vaccine acceptance and support outreach and marketing efforts.
- Host virtual learning events for parents/guardians around or collaborate with existing community gatherings for town halls and discussions.

Identification of Students for Targeted Outreach:

- Collaborate with school partners (school nurses, coaches, or administrators), health departments, and accountable care organizations or insurers to identify children due for routine childhood immunizations or well-child visits through school records, state-wide immunization databases, or claims data.

Delivery and Administration:

- Partner with a local hospital, health department, or community pharmacy to provide vaccines and schools to provide space and resource support for vaccination clinics.
- Consider non-traditional partners such as EMS to monitor for reactions or behavioral health to use the time before and after vaccination to screen for needs.



Topical Resources Include Information On:

ADVANCING HEALTH CENTER & SCHOOL PARTNERSHIPS to Improve COVID-19 Vaccination Administration for Adolescents



SCHOOL-BASED
HEALTH ALLIANCE
The National Voice for School-Based Health Care



NATIONAL ASSOCIATION OF
Community Health Centers®

JULY 2021

Why Schools?

Administration of COVID-19 vaccines is essential to adolescent health and the health of our nation. Vaccinating the nation's vulnerable and underserved youth is a priority of the Health Resources and Services Administration (HRSA), the National Association of Community Health Centers (NACHC), and the School-Based Health Alliance (SBHA). Serving more than 30 million Americans, health centers play a critical role in achieving this goal. Health centers offer a broad array of primary, behavioral health, and preventive care services. They serve the most vulnerable patients and reduce barriers such as cost and lack of insurance. Too many children experience persistent disparities in health care access, quality, and outcomes. By partnering with schools to administer COVID-19 vaccinations to adolescents, health centers can improve access to care, particularly for adolescents from families most in need.



5 starter plays for managing a COVID-19 vaccine clinic at a school site

Use these 5 starter plays to lay the groundwork for building and operating a successful vaccine clinic at your school.



1. Collaborate with community leaders to develop a plan

Work with health, education, and other community leaders to lay the groundwork for your vaccine clinic.



2. Prepare your facility and staff

Get your facility and staff ready to host a safe and productive vaccine clinic.



3. Develop a robust and equitable communication plan

Build a thorough and inclusive communication plan to ensure you serve all members of your community.



4. Ensure the safety of staff and community

Take the proper steps while operating the clinic to keep your staff, volunteers, and community safe.



5. Build trust in vaccine safety and efficacy

Instill trust and confidence in the vaccine by addressing the concerns in your community.



Important Note

Please work with your vaccine provider to assign responsibilities accordingly in each play.





Mental Health Challenges are Rising

- In a nationally representative survey of **young people aged 13-19** (April/May 2020):
 - Approximately **25%** felt disconnected from peers and adults.
 - More than **1 in 4** reported:
 - increase in sleep loss due to worry
 - feeling unhappy or depressed
 - feeling constantly under strain
 - loss of confidence in themselves

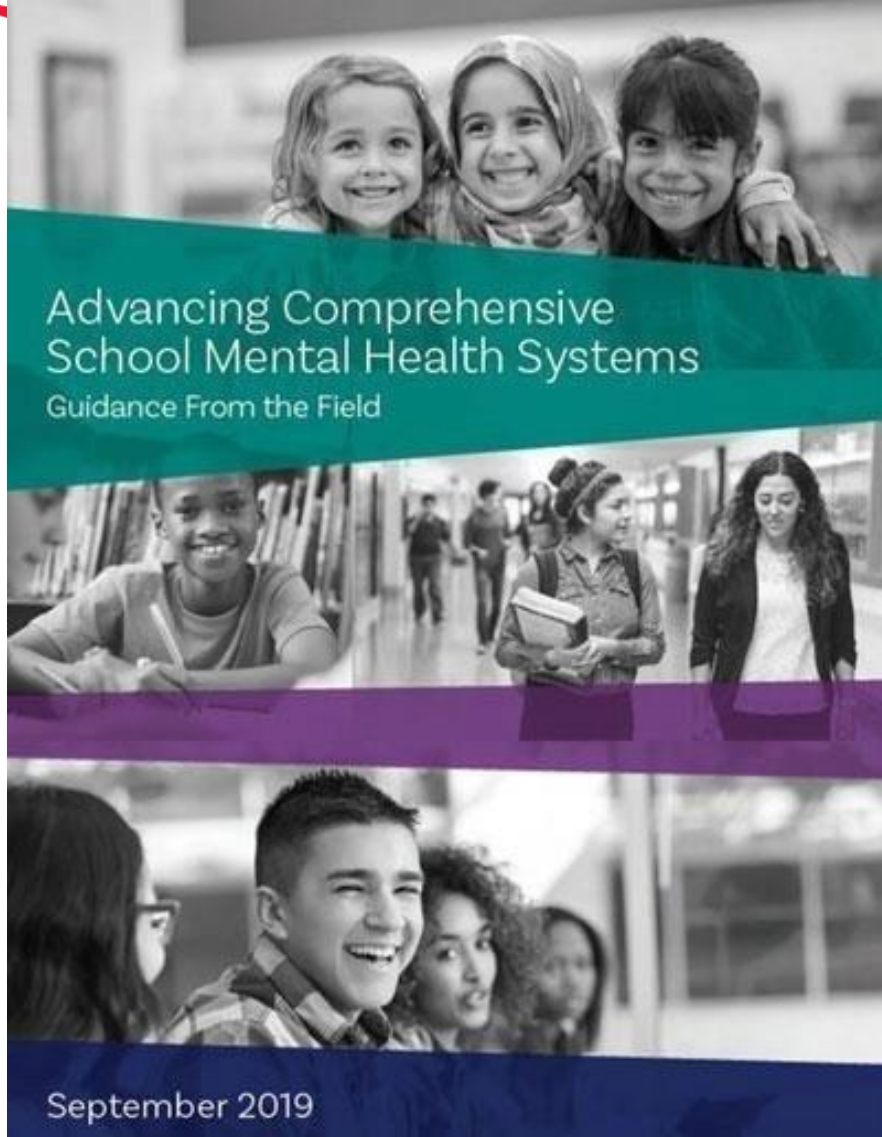
: https://www.americaspromise.org/sites/default/files/d8/YouthDuringCOVID_FINAL%20%281%29.pdf

Mental health-related **emergency department visits are up** 24% for children (age 5-11) and 31% for youth (age 12-17). (November 2020).

Twenty-two percent of parents report their child's **mental health or emotional health is worse than before the pandemic** (March 2021).

<https://www.cdc.gov/mmwr/volumes/69/wr/mm6945a3.htm>

https://www.cdc.gov/mmwr/volumes/70/wr/mm7011a1.htm?s_cid=mm7011a1_w



Guidance from the Field

- Why Address Mental Health in Schools
- A Public Health Approach to School Mental Health
- The Value of School Mental health
- Core Features of a Comprehensive School Mental Health System
- Opportunities, Challenges and Recommended Strategies
- Local Spotlights
- State Spotlights
- Moving Forward



Assess your district and school comprehensive school mental health system quality

The screenshot shows the SHAPES (School Health Assessment and Performance Evaluation System) website. At the top, the SHAPES logo is on the left, and navigation links for Home, About Us, Sign Up, and Log In are on the right. The main header features a large blue banner with the text "What is SHAPES?" and a description: "A free, interactive tool designed to improve accountability, excellence, and sustainability in school mental health in schools, districts, and states/territories." Below this is a green "Learn More" button. To the right of the banner is a photo of two women smiling. Below the banner is a video player icon showing a computer screen with a play button. To the right of the video player is a section titled "Welcome to SHAPES" with a paragraph describing the tool's purpose and a link to "Take the tour to learn more." At the bottom, a yellow banner contains the text "Improve student mental health in your schools, districts, states/territories, and entities. Sign up for:" followed by five blue buttons: "Myself", "My School", "My District", "My State/Territory", and "My Entity".

SHAPES School Health Assessment and Performance Evaluation System

Home About Us Sign Up Log In

What is SHAPES?

A free, interactive tool designed to improve accountability, excellence, and sustainability in school mental health in schools, districts, and states/territories.

[Learn More](#)

Welcome to SHAPES

From our school mental health quality assessment and resource library, to custom reports and a library of free and low-cost screening and assessment measures, SHAPES has the tools teams need to improve school mental health programming and sustainability in schools, districts, and states/territories. [Take the tour to learn more.](#)

Improve student mental health in your schools, districts, states/territories, and entities. Sign up for:

[Myself](#) [My School](#) [My District](#) [My State/Territory](#) [My Entity](#)



Conduct well-being check-ins at school





Build social emotional learning and mental health literacy into school curricula and staff professional development



<http://www.CASEL.org;>

**Classroom
WISE**
Well-Being Information and
Strategies for Educators

Video Library +
Resource Collection

Online Course

Website

Presented by:



Free 3 Part Training Package
www.classroomwise.org



Provide robust school mental health staffing, both school- and community- employed

Effective School-Community Partnerships to Support School Mental Health

Comprehensive school mental health systems rely on a foundation of educators and school-employed mental health professionals (e.g. school psychologists, school counselors, school social workers), in partnership with community health and mental health professionals. States, districts, and schools often grapple with how to strategically staff a full continuum of mental health supports and services, sometimes exclusively relying on either schools or community partners. This strategy fails to leverage the strengths and resources of each system (education and health/behavioral health) and may lead to siloed and fragmented supports. This document provides an overview of the key elements of school-community partnerships and specific action steps for states, districts, and communities to foster effective collaboration between schools and community health and behavioral health partners.

When it comes to school-employed and community partners supporting school mental health:

It is not either/or, it is both/and!

Background

The mental and behavioral health of students is a necessary focus of education. Approximately **75 to 80 percent of children and youth in need of mental health services do not receive them.**¹ Of those who do receive assistance, the vast majority (70% to 80%) receive mental health services in schools.² Further, **youth are six times more likely to complete evidence-based treatment when offered in schools** than in community settings³. As such, **schools are often considered the natural and best setting** for comprehensive prevention and early intervention services for all students, including those with and without identified education disabilities^{4,5}

School mental health supports and services must be a critical component of any educational system on par with high quality academic instruction.

Benefits of Comprehensive School Mental Health Services

Comprehensive school mental health promotes well-being and social emotional health for all students and staff, while also supporting those with mental health challenges. As our nation continues to advance equity in access to resources and opportunity, school mental health services can be a key factor in reducing disparities in academic achievement, physical and mental health, and access to quality care. Comprehensive school mental health services can reduce health disparities, especially for low income and minoritized youth.

Access to school-based mental health services **improves:**

- Physical and psychological safety

Access to school-based mental health services **reduces negative outcomes** such as:

- Disciplinary referrals

Innovations From the Field



Maureen Murphy, DNP, APRN, FNP-BC

Beaumont Health Teen Health Center, MI

Innovation

- COVID-19 Pandemic - An interruption of care.... especially immunizations
- Michigan reported an overall 44.5% decrease & 65.5% decrease in adolescents compared to the previous two years (Roelofs, & French, 2020)



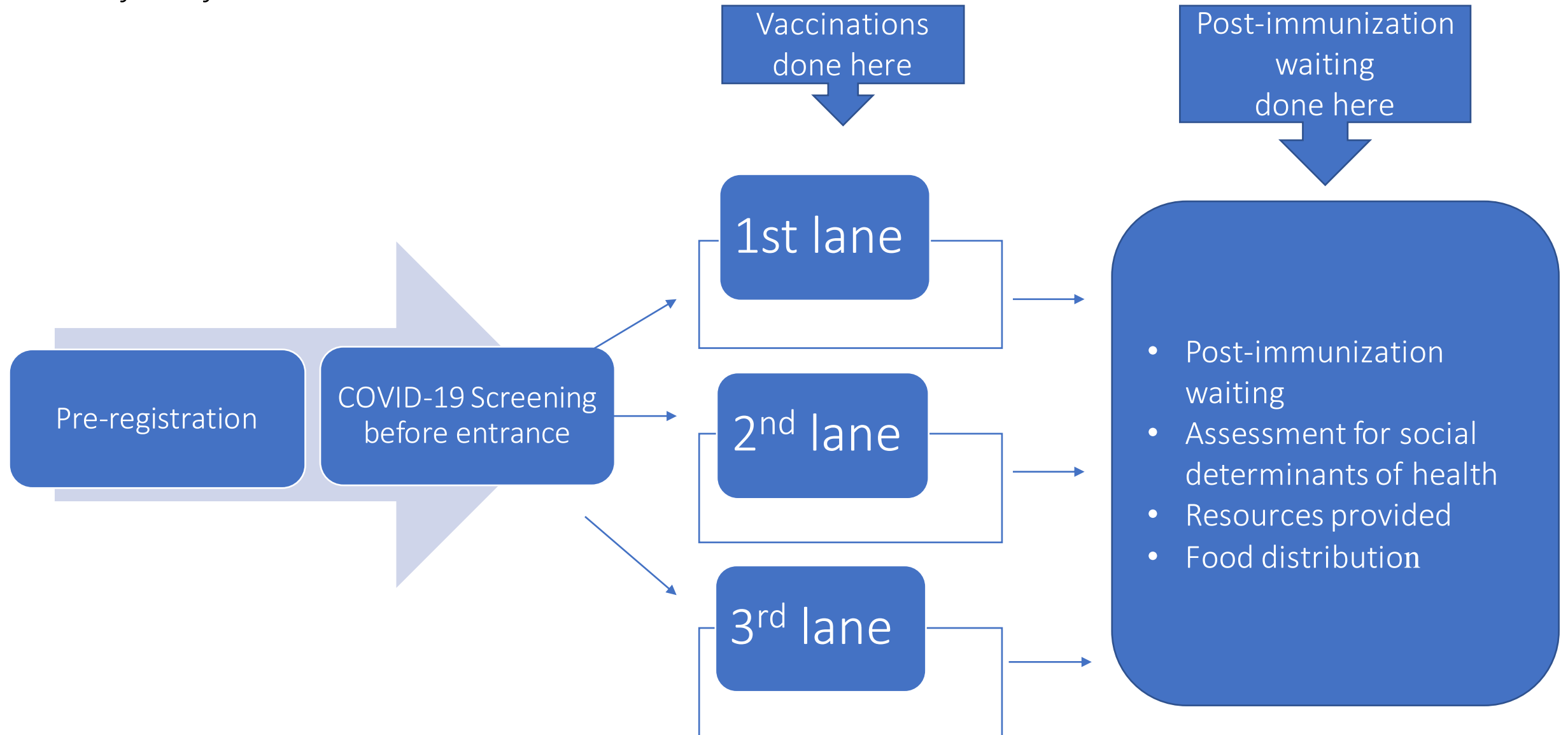
Beaumont

School-based Curbside Immunization Event

A perfect fit!

- Designated medically underserved areas (River Rouge & Taylor, Michigan)
- Strategically located in vulnerable populations where health equity and health disparity exist
 - Clinics – limited staffing – an event allowed shared staffing and better outreach
- Culturally competent and trusted resource in community
 - Knowledgeable in the immunization process
 - Certified training in Vaccination management
 - Great teachers!

Activity:
Process flow of curbside immunization event



Each car follows the arrows to complete full immunizations and social determinant assessment and assistance



The Tent experience!

- Chair with small table
- Computer
- Other table
 - with tape, gloves, sharp container, ice pack, yoga mat, tape gauze, PDI wipes, trash can



MH Connection



What partnerships and opportunities to connect to mental health promotion exist?

Post-immunization A great opportunity!!!

- **Social Workers**
 - Medical care close – available
- Survey on process/social determinants of health
- Social determinant Resources
- Medicaid resource
- Food

Outcomes

- 100% of patients and families felt the precautions that the center took helped them feel more comfortable and that the process was easy & safe!



- Cost neutral!
- **UPTAKE** of Immunization very successful
 - 97% UTD status post immunization event
 - That's with 69% of the participants before the event greater than 1 year behind in scheduled immunizations
- More immunizations given than routine clinic day
- 48.2 % of this population had concerns about SDOH
- 34.5% have food insecurity concerns

Guidance



What advice do you have for others who may want to do something similar?

What do you wish you knew? What would you change?

- Do a SWOT analysis as – be prepared for the what if...
- Utilize tool kit
- Utilize Evidence-based check list for best practice
- Date closer to school start date

Resources



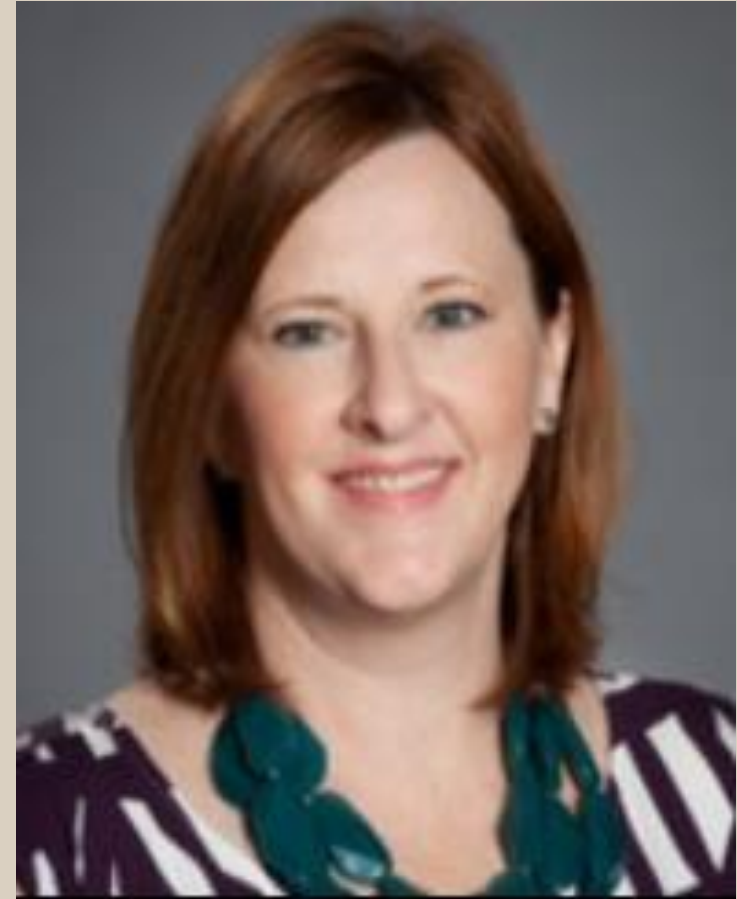
- Tool kit for Curbside immunizations
 - <https://www.sbh4all.org/resources-2/school-based-vaccines-and-immunizations/>

- <https://www.clickondetroit.com/health/2020/07/30/beaumont-health-offers-curbside-vaccinations-to-keep-kids-up-to-date/>

- **Published article in Nursing Administration Quarterly**
 - “Nurse-Led Model of Care That Helps a community Heal. Curbside Immunizations with Assistance in Social Determinants” July-September 2021 Vol.45 pp. 219-225.

- Contact me if any questions....
 - Maureen.Murphy@beaumont.org
 - Maureenmurphy5286@gmail.com

Innovations From the Field



Tammy Greenwell, MPH

Chief Operating Officer
Blue Ridge Health, NC

Innovation



North Carolina

Blue Ridge Health
(FQHC)

In an effort to get more students vaccinated for COVID-19 and to catch them up on any missing required immunizations that had been missed because of COVID:

- For COVID-19 vaccinations, prepped with school districts (8 of them) on providing vaccines to students & parents on days and times convenient for the family
 - Sent survey as part of parent newsletter and used voicemail system
 - **Administered vaccines at the school or via drive-up**
- Provided **same day access for any missed required immunizations** at SBHC sites, pediatric locations, and other clinic sites
 - Also provided a drive-up option for parents/guardians to just get needed immunizations (no WCC)

Outcomes



North Carolina

Blue Ridge Health
(FQHC)

- To date, BRH has held 14 COVID vaccine events with various school districts and **provided over 1500 vaccines to students and parents.** Overall, the organization has provided more than 30,000 vaccines since mid-January to the communities we serve.
- Immunizations – this have been a little harder to track, because of the various locations that are providing them. For our current data tracking, we are trending at 95% immunization rates for students who are primary care to our organization. We continue to be **flexible to provide immunizations to students who are not primary care to BRH.**

Guidance



North Carolina

Blue Ridge Health
(FQHC)

- Always have data tracking identifiers (**dummy codes**) to ensure you can track efforts regardless of the location within the organization
- “Keep steady; keep the course” – **educating community members on misinformation** and continuing to promote COVID vaccinations
- Having students be “the face” for the COVID-19 vaccine has increased uptake – **use their voices and images on vaccine promotions** within their communities
- Identify ways that your organization can be **flexible with outreach and vaccination efforts** (mobile versus fixed)

Resources



North Carolina

Blue Ridge Health
(FQHC)

- Not a lot of products were used – basically word-of-mouth and **consistent messaging with local community partners and health department (school nurses)**. Created a **referral system** that provided **same day access** and flexibility for days and times that parents and students could receive needed immunizations and COVID-19 vaccinations.
- Being **flexible** has to work for everyone – determine what you can be flexible about in regards to providing services:
 - Location? Mobile versus fixed
 - Times of services? Evening hours or weekends
 - Staffing? Can you share staffing with another community partner?

MH Connection



North Carolina

Blue Ridge Health
(FQHC)

As students were provided **immunization services** at any of our locations, **RAAPS** (Rapid Adolescent Screening), were **administered** on a consistent basis, along with **PHQ-2 or PHQ-9**. This allowed our medical providers to send referrals for behavioral health counseling or pediatric psychiatry.

Innovations From the Field



Hannah Simon, MPH

Program Manager
*LA State University Health Sciences Center
New Orleans Department of Pediatrics*



Kathleen Stevens, LCSW

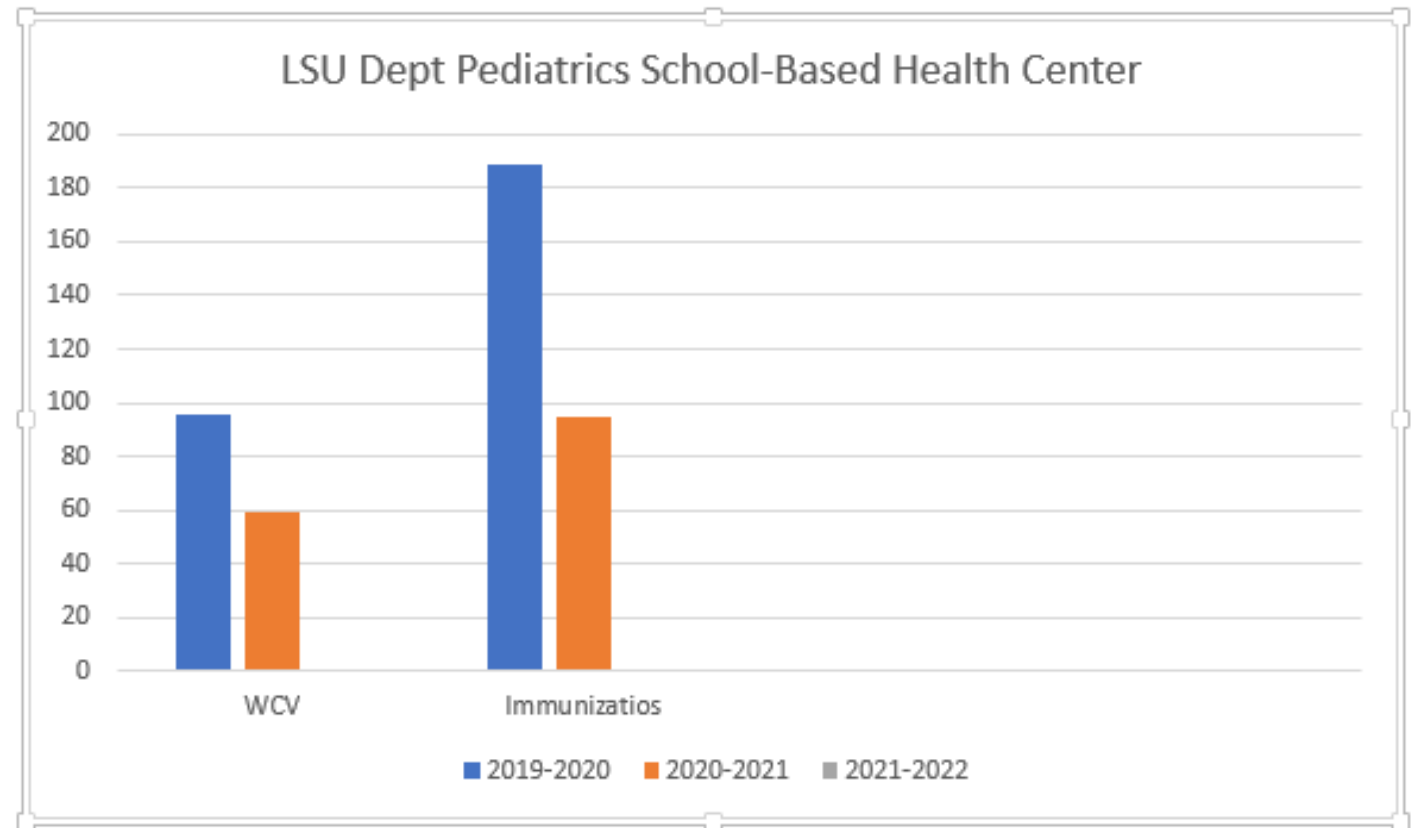
*School-Based Health Center, New Orleans
Charter Science & Math High School*

Innovation



Louisiana

Partners: HRSA P4 Challenge, LSUHSC, Children's Hospital New Orleans, New Orleans Charter Science and Math High School



Process + Outcomes



Louisiana



Time period of innovation: May 17-November 17

Results: 67% intra-clinic fulfilled referrals
(12 referrals, 8 successful appointments)

- 5 covid vaccines

- 3 regular schedule vaccines

- 0 well visit

Barriers + Guidance



Louisiana



- Timing



- Data



- Staffing and capacity



- Student Reactions

Lessons Learned



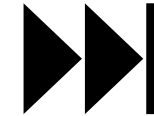
Louisiana



Mental health and physical health are inextricably linked and we have to be prioritizing caring the whole child



More links between behavioral health and medical health should be developed and cultivated



Excited to proceed with this innovation and report back on reverse flow!

Panel Discussion

Connect with School-Based Health Alliance and the National Center for School Mental

Learn more about our work at:

www.sbh4all.org

www.schoolmentalhealth.org

www.theshapesystem.com

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