AIM Back to School/ Catch-Up Immunization Webinar

April 28, 2021



Today's Agenda

- **Opening Introductions**
 - Claire Hannan, Executive Director, AIM
- A Call to Action Childhood Immunizations
 - Dr. Melinda Wharton, Director of Immunization Services Division, NCIRD/CDC
- The Imperative for Adolescent Vaccination in the Context of COVID-19
 - Judy Klein, President of Unity Consortium
- **National Association of School Nurses (NASN)**
 - Nichole Bobo & Liz Clark
- Coalition Perspective: Immunize Nevada's Activities
 - Breanne Van Dyne, Immunize NV
- Discussion/Q&A

A CALL TO ACTION - CHILDHOOD **IMMUNIZATIONS**

Dr. Melinda Wharton, Director of Immunization Services Division, NCIRD/CDC

National Center for Immunization & Respiratory Diseases

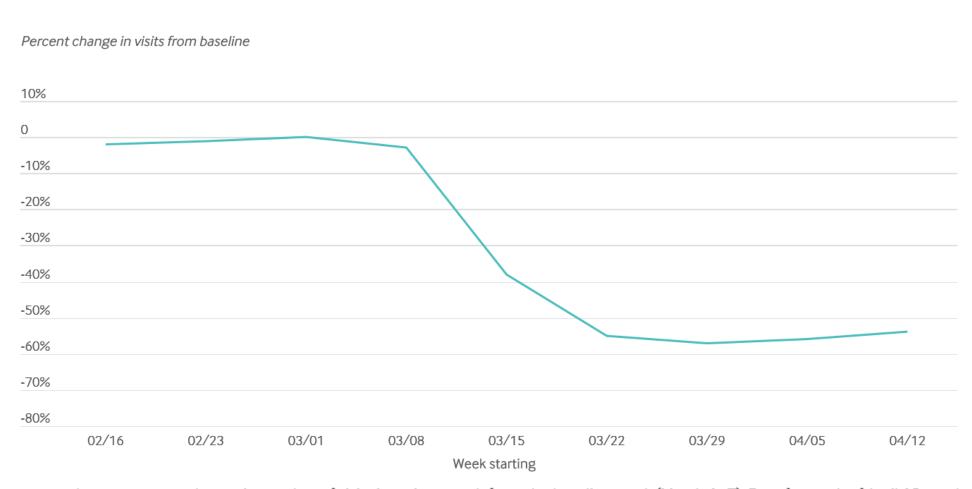


A Call to Action -- Childhood Immunization

Melinda Wharton, MD, MPH
Director, Immunization Services Division

AIM Back to School/Catch-up Immunization Webinar 28 April 2021

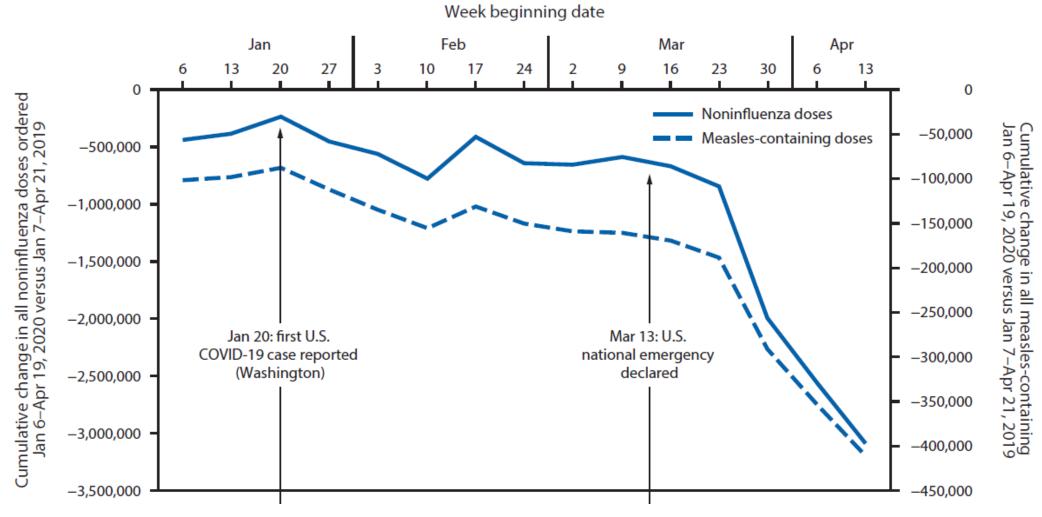
The number of visits to ambulatory practices declined nearly 60 percent in mid-March and has remained low through mid-April.



Note: Data are presented as percentage change in number of visits in a given week from the baseline week (March 1–7). Data for week of April 12 are through April 16.

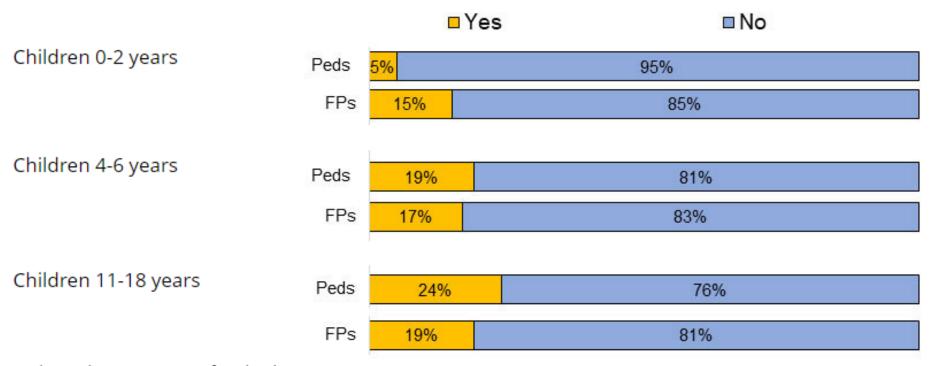
Source: Ateev Mehrotra et al., "What Impact Has COVID-19 Had on Outpatient Visits?," To the Point (blog), Commonwealth Fund, Apr. 23, 2020. https://doi.org/10.26099/ds9e-jm36

Weekly changes in Vaccines for Children program provider orders for pediatric vaccines – United States, January 6-April 19, 2020



^{*} VFC data represent the difference in cumulative doses of VFC-funded noninfluenza and measles-containing vaccines ordered by health care providers at weekly intervals between Jan 7–Apr 21, 2019, and Jan 6–Apr 19, 2020.

Figure 1: U.S. Primary Care Physician-Reported Suspension of Routine Non-Influenza Pediatric Vaccination During the COVID-19 Pandemic, 2020 (n=516)*

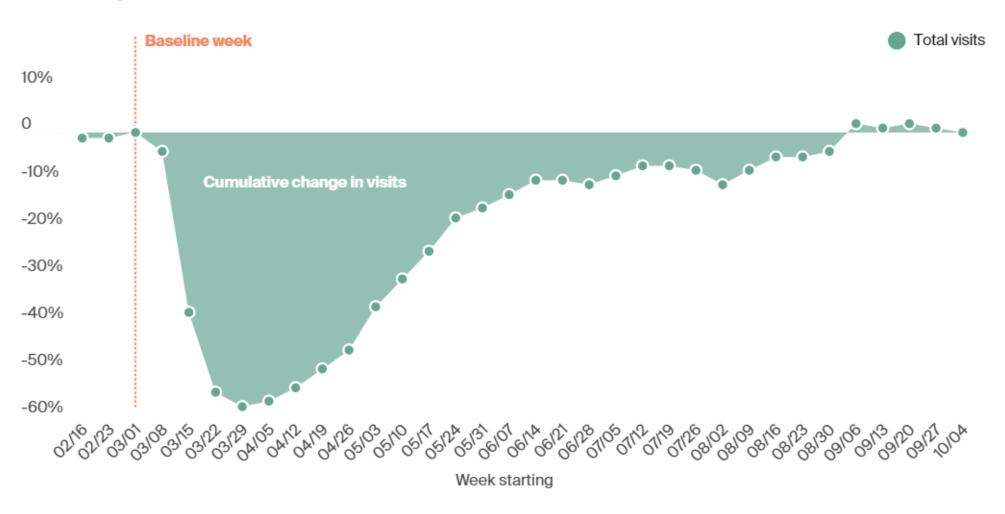


Peds=pediatricians, FPs=family physicians

^{*}Among physicians who reported delivering vaccines prior to the pandemic. Physicians who reported not delivering vaccines prior to the pandemic: for children aged 0–2 years, 1% of Peds and 23% of FPs; for children aged 4–6 years, 2% of Peds and 20% of FPs; for children aged 11–18 years, 1% of Peds and 13% of FPs.

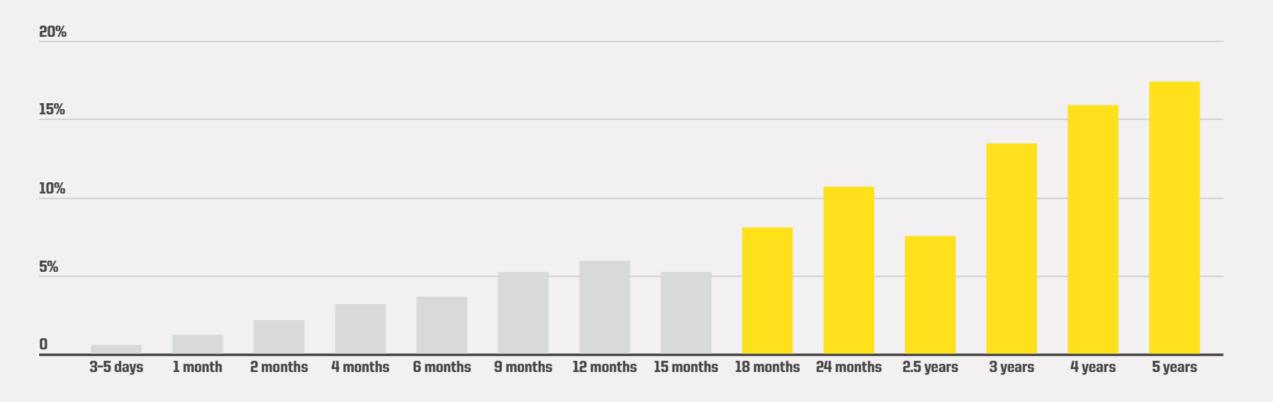
Visits to ambulatory providers fell nearly 60 percent by early April. Since then visits have rebounded, returning in the past month to prepandemic levels.

Percent change in visits from baseline



Source: Ateev Mehrotra et al., The Impact of the COVID-19 Pandemic on Outpatient Care: Visits Return to Prepandemic Levels, but Not for All Providers and Patients (Commonwealth Fund, Oct. 2020). https://doi.org/10.26099/41xy-9m57

% OF MISSED WELLNESS VISITS BY AGE OF CHILD



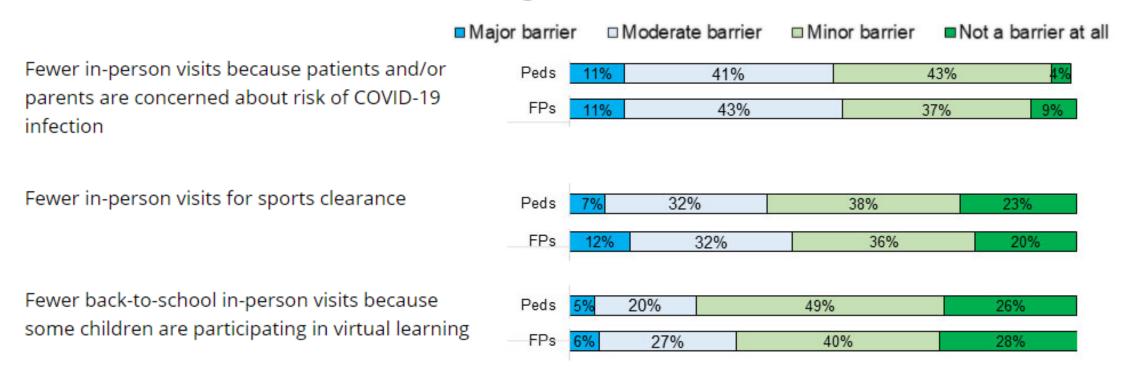


Health (still) interrupted - WEEK 1



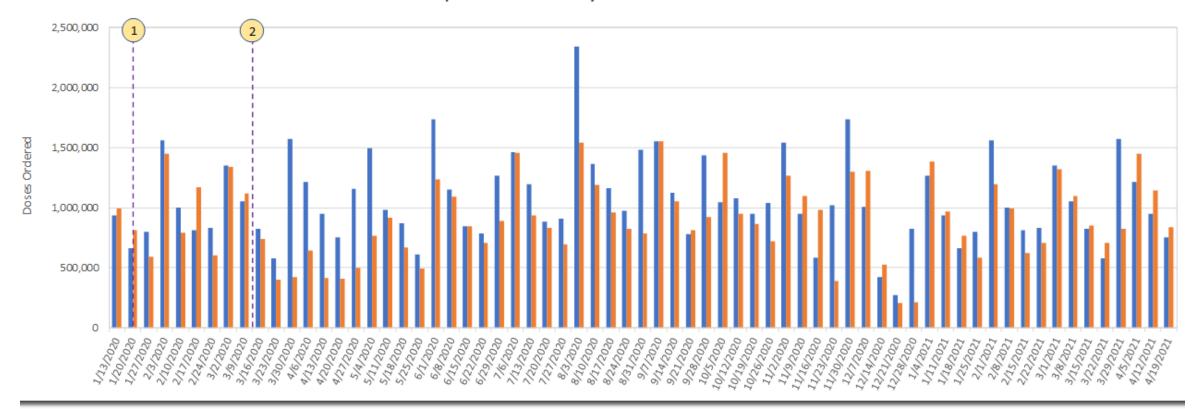
Center for Translational Neuroscience (2020, October 13). *Medium*. https://medium.com/rapid-ec-project/health-still-interrupted-pandemic-continues-to-disrupt-young-childrens-healthcare-visits-e252126b76b8

Figure 3: U.S. Primary Care Physician-Reported Barriers to Providing Routine Non-Influenza Pediatric Vaccination During the COVID-19 Pandemic, 2020 (n=579)



VFC provider orders have rebounded...

Comparison of FY19 Weekly Provider Orders to FY20 and FY21 - All Non-Flu Vaccines

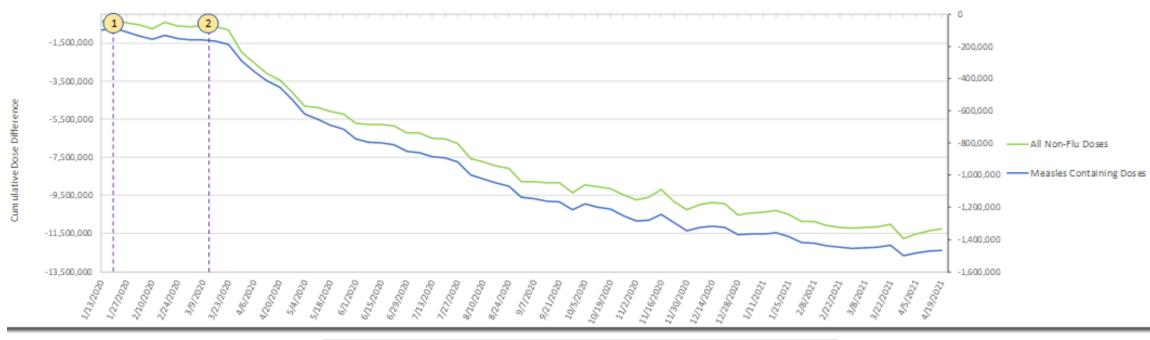


Notable Dates:

- 1) 1/20/2020: First US case reported (Washington state)
- 2 3/13/2020: US national emergency declared

...but there still is a substantial deficit for 2020-2021

Comparison of FY19 Weekly Provider Orders to FY20 and FY21 - All Non-Flu Vaccines and Measles Containing Vaccines



Notable Dates:

1 1/20/2020: First US case reported (Washington state)
2 3/13/2020: US national emergency declared

As of April 25, overall VFC provider orders (other than flu) are down by **11.2M doses** with MMR/MMRV down by **1.5M doses**

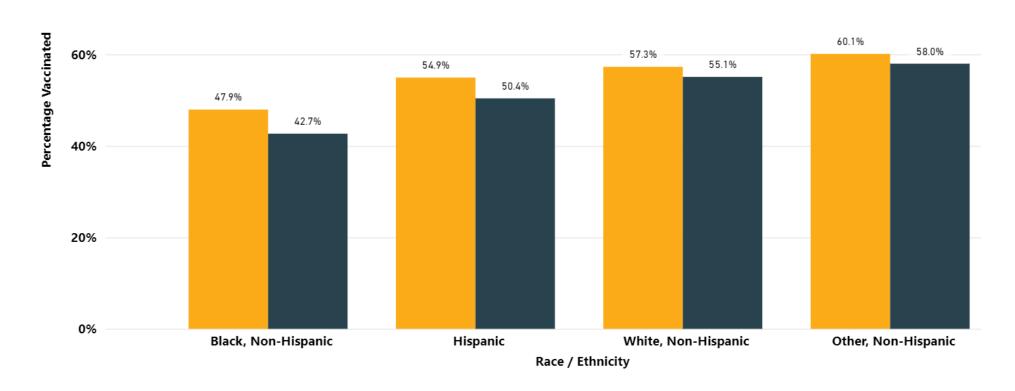
Other data show a slower recovery in the public sector compared with the private sector

The COVID-19 gap is larger for some pediatric vaccines than others

- Many vaccines primarily given to younger age children have smaller gaps than those given to older kids.
 - Rotavirus vaccine down 5.3%
 - PCV13 down 7.9%
 - DTaP-containing vaccines down 9.2%
 - Tdap down **18.7%**
 - HPV down 19.2%
 - Meningococcal conjugate vaccine down 14.9%
- Measles-containing vaccines are down by 19.5%

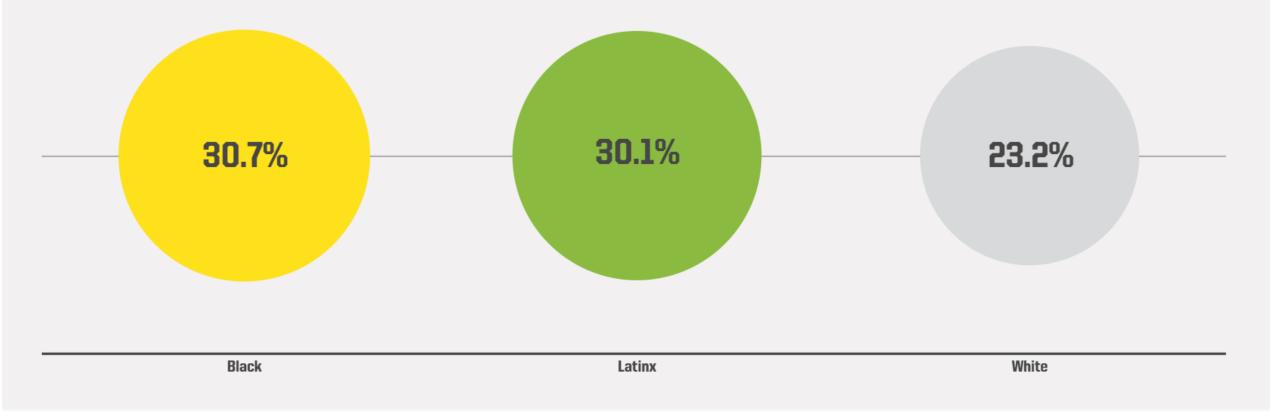
Influenza vaccination coverage among children is lower than last season, and disparities by race and ethnicity have widened





% OF MISSED WELLNESS VISITS

Middle-upper income households



Health (still) interrupted - WEEK 1



Center for Translational Neuroscience (2020, October 13). *Medium*. https://medium.com/rapid-ec-project/health-still-interrupted-pandemic-continues-to-disrupt-young-childrens-healthcare-visits-e252126b76b8

Education

'They got back to us': How one school built trust and got reluctant parents to return



Third-grader Za'Quan Daniels, 9, celebrates a correct answer with social worker Alyce Hairston at Patterson Elementary School in Southwest Washington on Friday. (Evelyn Hockstein for The Washington Post)

"Many are unable to return because they lack the immunizations required to enter the buildings. Youth vaccinations have plummeted during the pandemic, and nurses at Patterson are working with these families to schedule appointments at a nearby clinic."

Perry Stein, The Washington Post, February 28, 2021

The need for catch-up vaccination is urgent as we plan for safe return to in-person school

- Many school-aged children missed recommended vaccines over the last year due to disruptions associated with COVID-19
 - Especially concerning are gaps for measles vaccine and vaccines routinely recommended at 11-12 years of age
- Schools may not have focused on compliance with school vaccination requirements during the 2020-2021 school year
- We don't know if or when a COVID-19 vaccine will be available for children, but if and when it is, we want them to already be caught up on other recommended vaccines
- We need to get children caught up now on vaccine doses they missed so that they can safely return to in-person learning

Call to Action: Kids Need to Get Caught Up on Recommended Vaccines for Safe Return to School

- Healthcare systems and healthcare providers should:
 - Identify families whose children have missed doses and contact them to schedule appointments
 - Prompt clinicians when these children are seen to deliver vaccines that are due or overdue
 - Let families know what precautions are in place for safe delivery of inperson services
- Healthcare provider organizations should:
 - Encourage members to identify and follow up with families whose children have missed doses to get appointments scheduled

Call to Action: Kids Need to Get Caught Up on Recommended Vaccines for Safe Return to School

- Schools and state and local governments agencies should:
 - Send reminders to families about school immunization requirements
 - Follow-up with families of children who are not in compliance with requirements to encourage compliance
 - Use the state's immunization information system's reminder-recall capacity to notify families whose children have fallen behind on vaccines
- We all should:
 - Communicate directly to families the importance of well-child visits
 and getting caught up on any recommended vaccines that were missed

For more information, contact CDC 1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.



A CALL TO ACTION - CHILDHOOD **IMMUNIZATIONS**

Dr. Melinda Wharton, Director of Immunization Services Division, NCIRD/CDC

THE IMPERATIVE OF ADOLESCENT VACCINATION IN THE CONTEXT OF COVID-19

Judy Klein, **President of Unity Consortium**



The Imperative for Adolescent Vaccination in the Context of COVID-19

AIM Webinar - April 28 2021

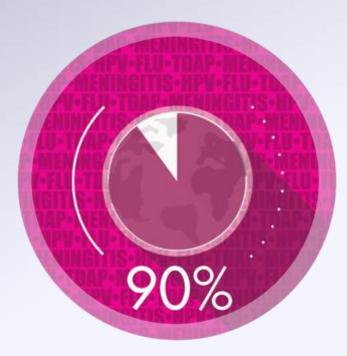


Disclosures

Judy Klein on behalf of Unity Consortium, has received funding from its vaccine manufacturer members.



UNITY Vision and Mission



VISION

Coverage is 90% or greater for all nationally recommended vaccines for adolescents and young adults

MISSION: Provide action-oriented leadership, innovation and education on preventive health and immunization for adolescents and young adults:

ESTABLISH

immunization as a central component of preventative health and as an investment in lifelong health.



healthcare providers as advocates that make strong recommendations for all nationally recommended vaccines.



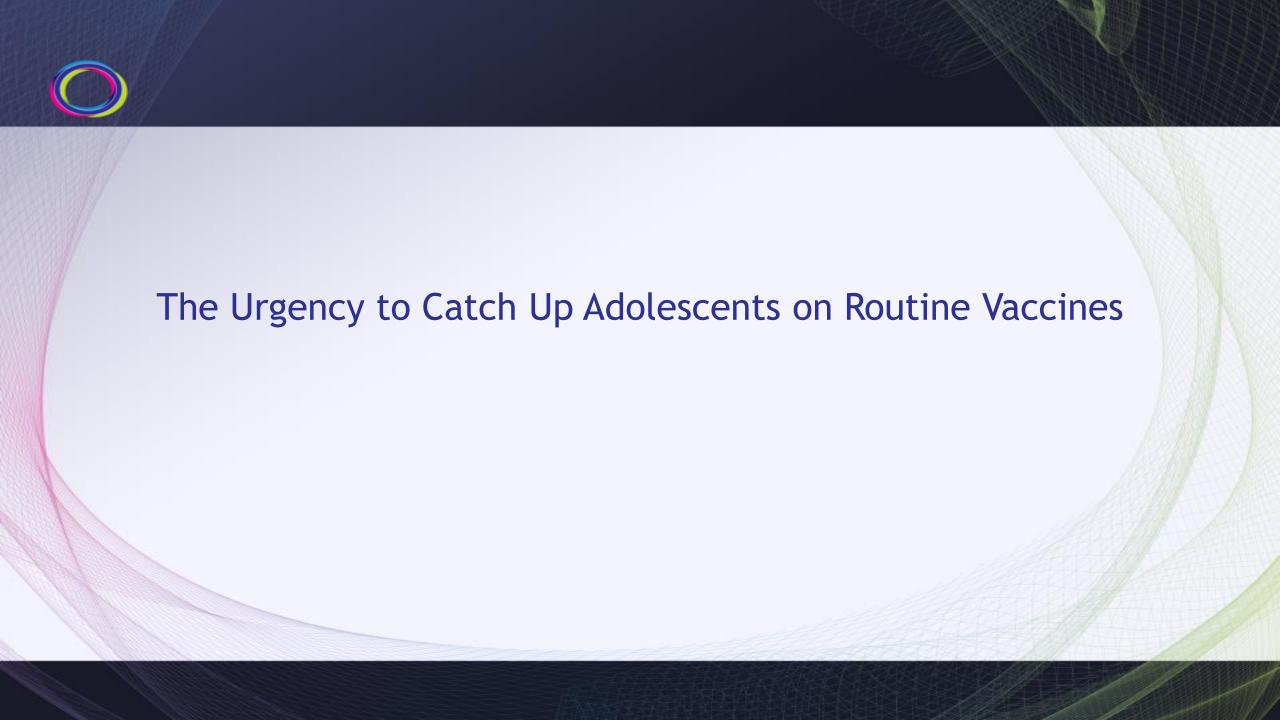
parents, adolescents and young adults to embrace the value of immunization.



easy access to and timely delivery of all recommended vaccines.



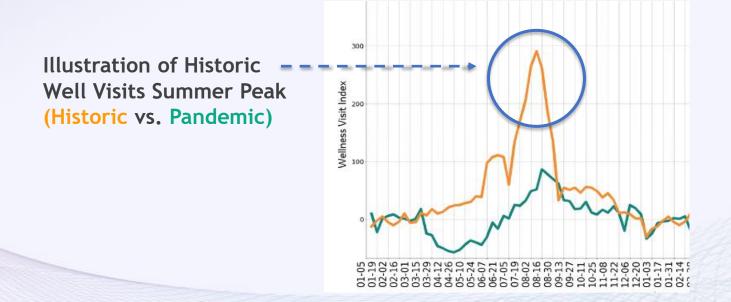
- The urgency to catch up adolescents on routine vaccines
- The backdrop of parent and teen preventive health and vaccine beliefs
- The Don't Wait. Vaccinate and other efforts





The Urgency to Catch Up Adolescents on Routine Vaccines

- 1. Schools are considering COVID-19 vaccine requirements for Fall
- 2. Teens ages 12+ may be broadly eligible for COVID-19 vaccination this summer
- 3. Adolescent well-visits and routine vaccinations historically spike in July-August





The Urgency to Catch Up Adolescents on Routine Vaccines

Many adolescents may not have the time to get routine vaccines in July and August

Goal:

Ideally, we would like to move up the well visit peak, encouraging parents to vaccinate earlier



The Backdrop:

Survey Results - COVID-19 Impact on Parent and Teen Beliefs on Adolescent Preventive Care, Routine Vaccination and COVID-19 Vaccination



Unity Survey Methodology



20-minute online, self-administered survey Selected from a large U.S. national panel

Conducted by a third-party market research agency



Wave 1: Fielded August/September 2020

Wave 2: Fielded in February 2021

Wave 3: COVID-19 Vaccine Broadly Available to Adolescents, TBD 2021



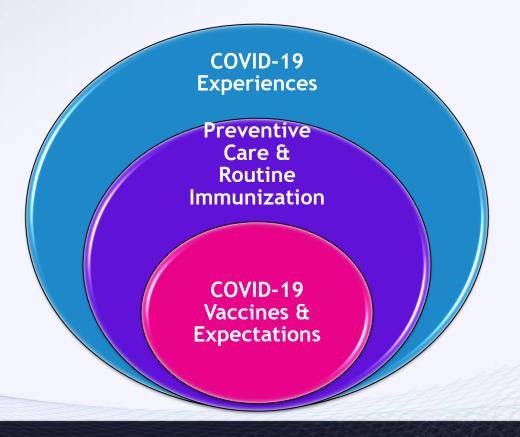
Wave 2: 831 Total Participants*

- Parent/Guardian of at least one child 13-18 years old (n=531)
- Teens 13-18 years old (n=300)



Unity Survey Topics Covered

Survey findings highlight the need to educate parents and teens about the <u>risk of missed well-visits and immunizations</u> and support the <u>health needs</u> <u>of adolescents/their families coping with the pandemic</u>

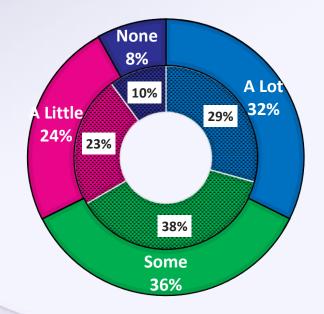




Parents and Teens continue to report that the pandemic is a source of significant stress

TEEN Stress Levels Remain High 2/3 have some or a lot

WAVE 1 Inner Circle, Wave 2 Outer Circle



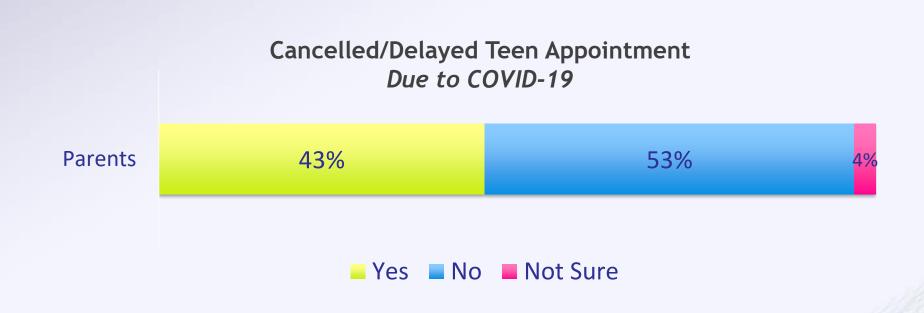
Parents feel "worried" and increasingly "frustrated" about COVID-19 situation

More than ¾ of parents reported significantly intensified stress vs Wave 1

- Parents had a significant uptick in *frustration* and *sadness*
- Widening gap between parents and teens on *frustration* and anger



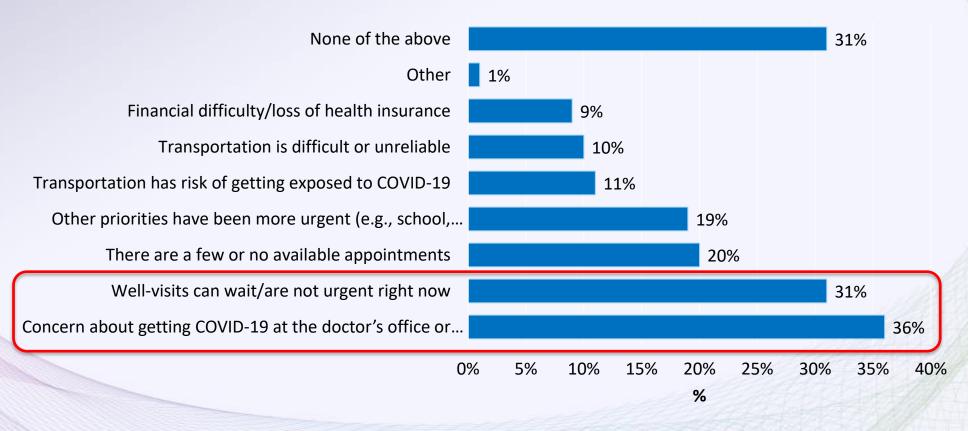
More than 4 in 10 parents continue to report a missed healthcare visit for their teen due to COVID-19





Fear about safely visiting HCPs and lack of urgency are leading reasons for parents not to schedule teen well visits

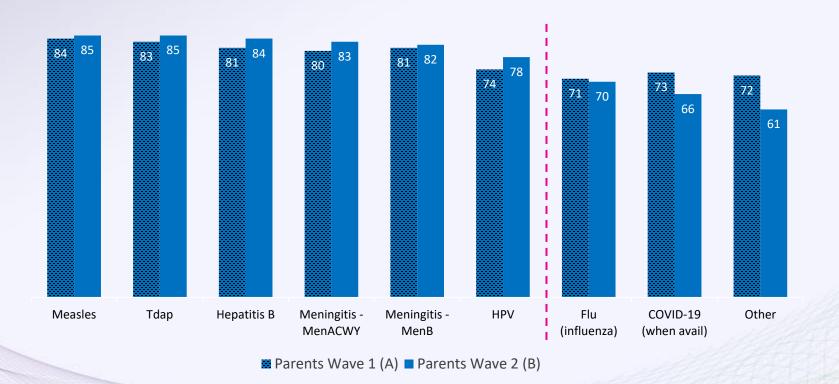






Parents believe in importance of most routine vaccines, more so than COVID-19 vaccine

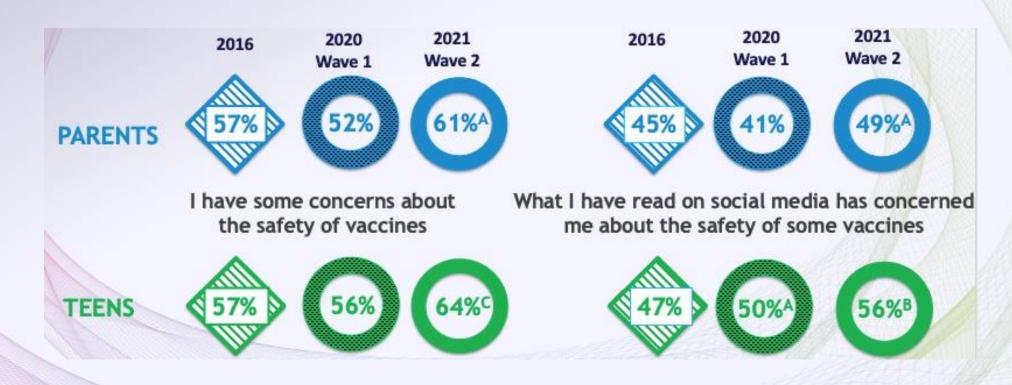
Parents' View on Importance of Vaccinating Their Teens Against Specified Diseases (% Extremely/Very Important)





More than half of parents and teens continue to be concerned about vaccine safety

...with teens especially recognizing the impact of social media on perceptions of vaccine safety





Parents are still most likely to seek information from their doctor/HCPs, but are broadening their sources

Sources That Will Be Used for Seeking Information

	Wave 1 (A)	Wave 2 (B)	Wave 1 (A)	Wave 2 (B)
Parents:	Sources		Matters Most	
% Shown				
Our doctor or other healthcare providers	70	71	43	38
Public health or government agencies	48	57 ^A	11	14
Internet	42	50 ^A	6	9
The vaccine manufacturer	36	42 ^A	5	5
Our pharmacist	34	41 ^A	3	3
News sources (newspapers, TV, radio, etc.)	35	40	5	4
Family members	27	39 ^A	4	5
Friends / other parents	27	36 ^A	2	3
School / school nurse	22	28 ^A	2	2
Social media	19	27 ^A	4	2
Other sources	2	3	1	1
None of the above	10	10	15	14



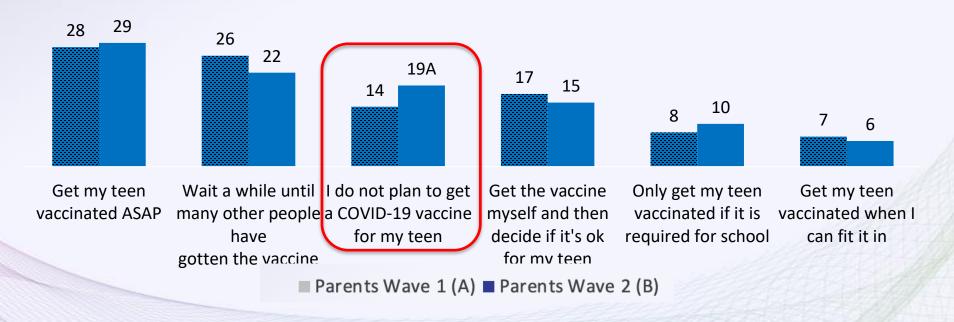
Self/family protection leads motivation for getting COVID-19 vaccine

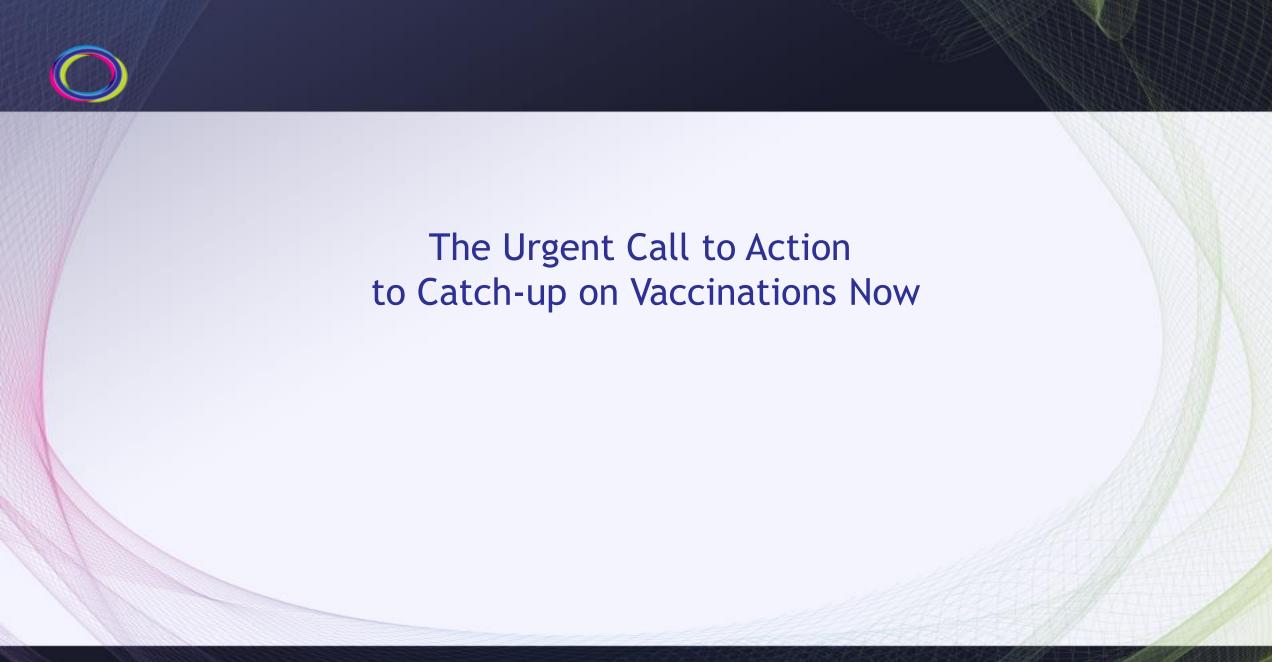
Parents		Reasons for Getting the COVID-19 Vaccine		Teens	
W1	W2		W1	W2	
51%	55%	I want to protect my teen/myself	53%	49%	
51%	50%	I want to protect <u>everyone in my family</u> with a COVID-19 vaccine, including my teen/myself	47%	52%	
39%	40%	Vaccination is the best way for my teen/me to avoid a potentially serious illness	37%	38%	
38%	39%	Life won't go back to normal until most people are vaccinated, incl. teens	37%	35%	
39%	39%	I want to help <u>protect my community</u>	35%	36%	
34%	36%	My teen/I would feel safe around other people	38%	39%	
34%	36%	A family or household member is at high risk for serious illness from COVID-19 because of a health condition	31%	35%	
33%	30% ^d	My healthcare provider recommended COVID-19 vaccine for my teen / me	32% ^D	23%	
10% ^C	12% ^d	None of the above	.unit y4te enva	x. & % ^C ₃	



Parents continue to lack urgency to get their teen vaccinated against COVID-19

Parents' views on their teen getting a COVID-19 vaccine







Examples of Organizational Get Caught Up Efforts



Call to Action: Kids Need to Get Caught Up on Recommended Vaccines for Safe Return to School







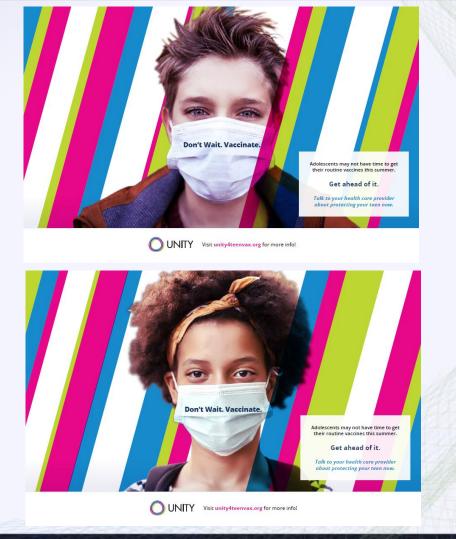




The Time is Now for Outreach to Parents and Teens Unity's Don't Wait. Vaccinate Campaign

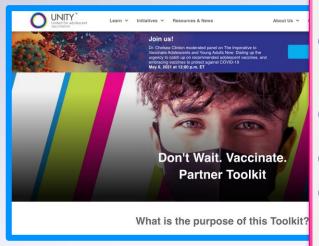








Don't Wait. Vaccinate. Campaign Partner Toolkit





What Can You Do?

- Follow @UnityConsortium on media and share our content
 - Facebook: https://www.facebook.com/unity4teenvax
 - Twitter: https://twitter.com/UnityConsortium
 - Instagram: https://www.instagram.com/unityconsortium/
- Share campaign content on your social channels
 Copy and paste the suggested social media posts below or develop your own customized posts to share the content.
- Add the #DontWaitVaccinate hashtag to your social media posts
 Use the campaign hashtag on on your personal or organizational accounts
- Attend and share information about our May 6th webinar
 Join us for a panel discussion "The Imperative to Vaccinate Adolescents and Young
 Adults Now," moderated by Dr. Chelsea Clinton. This panel will discuss on dialing up
 the urgency to catch up on recommended adolescent vaccines, and embracing vaccines
 to protect against COVID-19. Click here to register.
- Upload one of our campaign graphics to your Instagram NOTE: Instagram does not support hyperlinks in captions. You must add the link into your Bio (Click "Edit Profile" to add a website URL). Then, direct your followers to the link by adding 'Click the link in my bio to read all about it!' to your caption.
- Include information about the campaign in your communications We have written a short description below of the campaign with a call to action to encourage catching up on missed adolescent vaccinations. Share it with your key audiences through your newsletters, websites and other communication tools.
- Help drive traffic to our campaign webpage on the Unity website
 Help us get more teens caught up on any missed vaccinations.



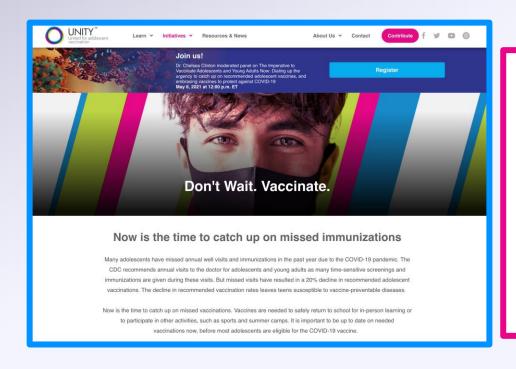
Use these posts on your social media channels

For Facebook and Twitter

For Instagram



Don't Wait. Vaccinate. Public-Facing Website Page



Take steps now

Schedule a well visit

If you or your adolescent missed a well visit in the last year due to the pandemic, schedule one now. These visits are important to keep your teen healthy.

Stay up to date on vaccines

Recommended vaccines may be needed to return to in-person learning, sports, camp and other activities. The COVID-19 vaccine may be available to teens this summer. The CDC advises that no other vaccines should be administered two weeks before or after the COVID-19 vaccine. This will make it hard to catch up on missed immunizations over the summer.

Visit your healthcare professional - it's safe

Some parents are worried about the safety of going to a doctor's office or pharmacy during the pandemic. Physician offices, clinics and pharmacies have put safety measures in place, including mask-wearing, social distancing, regular sanitizing, etc. Contact your doctor or pharmacy to learn about the safety measures in place to protect patients.



Unity Consortium | Confidential 45



Register and Share: Chelsea Clinton Moderated Panel at Noon ET, May 6th



➤ Panelists: Tamera Coyne-Beasley, L.J Tan, Richard Gordon, Kelly Danielpour

➢ Discussion areas

- Gap and importance of well visits & routine immunization
- Safety of HCP settings
- Status of COVID-19 vaccines for AYAs
- What you can do now

Click to Register



Overarching Messages for You to Share

Adolescent and young adult well visits and immunizations are down

Adolescents and young adults need their recommended immunizations

Now is the time to catch up/stay UTD* on missed well visits and immunizations

It is safe to visit a doctor's office, clinic, pharmacy or other HCP~

Contact <u>info@unity4teenvax.org</u> for communications toolkit with messages and graphics, including for social/digital media



Be sure **Follow**, **Pin**, **Like**, **Link** and **Share**UNITY social media content



NATIONAL ASSOCIATION OF SCHOOL **NURSES (NASN)**

Nichole Bobo Director of Nursing Education, NASN Liz Clark Nursing Education & Practice Specialist & COVID-19 Project Lead, NASN

Potential Partner - NASN









Nichole Bobo, MSN, RN **Director of Nursing Education** nbobo@nasn.org





Liz Clark, MSN, RN, NCSN, FNASN **Nursing Education & Practice Specialist** eclark@nasn.org

National Association of School Nurses

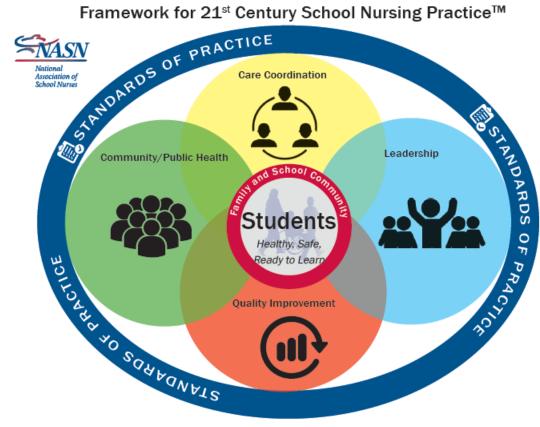
(nasn.org)

- Specialty nursing organization 54-member BOD
- NASN's north star: students
- Over 18,000 members
- State nursing organizations
- State school nurse consultants (https://www.schoolnurseconsultants.org/)



The School Nurse

- Trusted in the community
- Practice is guided by the FrameworkTM
- Limitations
- Opportunities



NASN Reach



- Publications
- Social media
- Website
- Electronic Digest
- Online communities
- Learning platform
- Annual conference









School Nurses & Vaccinations

Alamagordo Public Schools – Flo Mobile



Potential Partner - NASN



Nichole Bobo, MSN, RN
Director of Nursing Education
nbobo@nasn.org

Liz Clark, MSN, RN, NCSN, FNASN
Nursing Education & Practice Specialist
eclark@nasn.org



Potential Partner - NASN



Questions?

A COALITION PERSPECTIVE: **IMMUNIZE NEVADA**

Breanne Van Dyne Program Director, Immunize Nevada



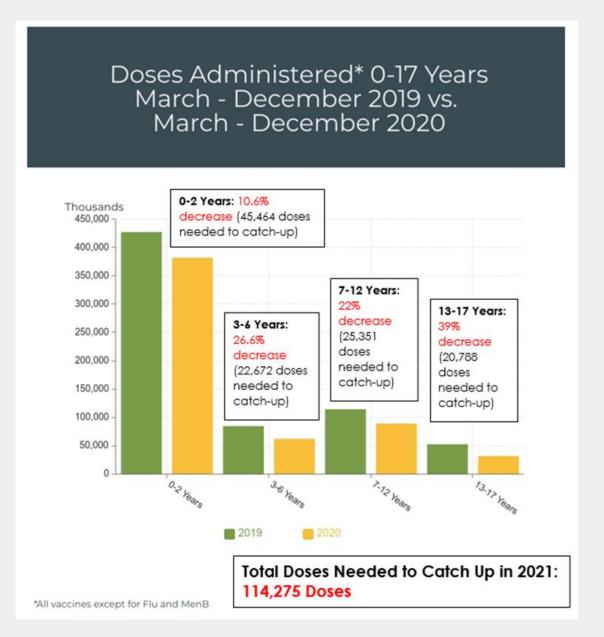
IMMUNIZE NEVADA PRESENTS

Early Back to School and Catch-Up Immunization Efforts

Breanne Van Dyne Program Director



THE CHALLENGE





REASONS FOR DECLINE

- Routine infant immunization/well checks prioritized initially over adolescents
- Parents uncomfortable with making "unnecessary" outings, including to the doctor
- Remote learning
 - Issues of limited access, school's planning for unprecedented instructional settings, and other factors possibly led schools to be more lenient with immunization requirements, despite state health authorities communicating that requirements had not changed due to the pandemic.
- Perceived less risk of contracting a vaccine-preventable disease due to pandemic mitigation measures (mask wearing, social distancing, etc.)

THE NEED



Mobilize both parents/guardians and providers to seek/provide immunization services now, rather than the typical back to school vaccinating season of late July-August.

Why Now?

- Potential expanded EUA for Pfizer COVID-19 vaccine as early as mid-May of 2021 for children ages 12+.
- Current recommendations: Cannot co-administer; no other vaccines 14 days prior to and after each dose;
- 5-week 'blackout' period window wherein children cannot be vaccinated with any vaccine other than for COVID-19



OUR PLAN

COMMUNICATION Healthcare Providers

immunize nevada

Call to Action Letter:

- Identify problem
- Highlight resources (IIS training, free reminder postcards & postage)
- Parent communication tools (local/national resources; in person/virtual)
- Provide recommendations for expanded opportunities for immunization

Provider Survey:

Identify barriers and needed resources

COMMUNICATION School Administration and Student Health Staff



Call to Action Letter:

- Identify problem
- Provide actionable steps including:
- Crosschecking student information system with IIS, sending parent reminders via school communication channels i.e. newsletters, automated text/email, personal phone calls/letters home and information for how to connect families with medical homes

COMMUNICATION Childcare/Early Learning Center Facilities



Call to Action Letter:

- Identify problem
- IIS training/login information
- Parent communication tools (in person/virtual)

COMMUNICATION Parents/Community

- Social media messaging
- Posters for clinics (local and national)
- Resources for locating medical homes
- Providing evidence-based, reputable sources of vaccine information



OUTREACH

Community Events

- WeblZ record lookup
- Immunization education

Community Presentations

 Presentations targeted to parent groups, community organizations that serve families of school-age children

OUTREACH

Flyers

 Focused: Pre-K/Kindergarten;
 Middle School; High School/University

Community Clinics

- Goal: Pre-K/Kindergarten;
 Middle School; High
 School/University clinics earlier
 in the spring/summer
- Distributing catch-up immunization information COVID-19 clinics

CALL TO ACTION What you can do to help

immunize nevada

- School Nurses: Let's Connect!
- Serve as a site for a back to school/catch-up vaccination clinic
- Reach out to us to schedule a presentation for families you serve using our CILS Request Form
- Serve as a vaccinator
- Share our social media messaging via Instagram, Facebook, or Twitter
- Request free vaccine reminder cards for your patients
- Share our resources (flyers, Find a Provider tool, etc.)

Thanks!

Breanne Van Dyne Program Director Immunize Nevada Breanne@ImmunizeNevada.org

www.lmmunizeNevada.org



Q&A and DISCUSSION

Resources



 Send your resources to info@immunizationmanagers. org



Back to School & Catch-Up Immunization Resources

Resources for Parents

- National HPV Vaccination Roundtable: Getting Adolescent Health Back on Track: Actions for Parents (Video Series)
- Within Reach (WA): Vax to School Promotional Materials
 - Letters to parents (available in multiple languages)
- NFID: #COVID-19 & Routine Vaccinations: What Parents Need Το Know

Resources for Partners

- CDC: Help Kids' Safe Return to School Get Caught Up on Recommended Vaccines
- Within Reach (WA): Vax to School Promotional Materials
 - Social media templates, etc.
- National HPV Vaccination Roundtable: Promising Practices for Adolescents during COVID-19
- National HPV Vaccination Roundtable: Back on Track Resource Repository
- UNITY: Don't Wait. Vaccinate. Campaign
- UNITY: The Pandemic Impact on Wellness Visits and Vaccinations for Children and Adolescents
- Immunize Nevada: Healthcare Provider Resources

Resources for Jurisdiction Immunization Programs

- AIM: Adolescent Immunizations Reminder/Recall Postcard Templates
- AIM: Routine Immunizations Postcards and Social Media Templates
- HI: Vax to School Campaign & Website
- AIM: Adolescent Immunization Resource Guide
 - Chapter 1: Reach Teens via School-Related Efforts
- Reminder Recall Help Available: AIM is offering a select number of IPs AIM staff support and resources to conduct postcard reminder recall (RR). IPs will choose a vaccine and age group, provide the records, and AIM will provide an optional postcard template, edit the content, and conduct the "heavy lifting" to get RR postcards in the mail. Contact <u>Katelyn Wells, AIM Director of Research and Development</u> for more information.

Submit your resources to info@immunizationmanagers.org.

Resources

Within Reach (WA): <u>Vax to</u>
 <u>School Promotional Materials</u>
 (social media images, toolkit, letters to parents)

• AIM: <u>Adolescent</u> <u>Immunization Resource Guide</u>



Sharing what works. Achieving goals. Developing healthy communities.



AIM Reminder Recall Postcard Campaign Support Available

- Support available to help members address drops in childhood and adolescent coverage rates
- Goal: AIM to conduct the "heavy lifting" to get RR postcards in the hands of approximately 85,000 more parents.
 - AIM: pay for the postcard service, provide the postcard template (if desired), edit the content, and coordinate the mailing.
 - **IPs:** will provide AIM with the IIS records.
- If interested, contact Katelyn at <u>kwells@immunizationmanagers.org</u>
- More information: read in the weekly update



LA: 26% increase MenACWY



CA: 80,000 cards delivered in March 2021



WY: 5,000 cards to be delivered in Spring 2021