



Community Resource Spotlight

IMMUNIZE KANSAS COALITION

Immunize Kansas Coalition (IKC)

Mission: Protect all Kansans from vaccine-preventable diseases

The screenshot displays the website's header with the IKC logo and navigation links for Toolkits, Education Modules, COVID-19, and #KansasFightsFlu. A blue navigation bar contains links for Home, Info For..., Vaccines, Diseases, Resources, Data, and About IKC. Below this is a banner with the text "Resources and guidance for immunizations during the COVID-19 pandemic." and a photo of a child in a mask. A light blue box contains the mission statement, and a dark green footer features a search icon and the text "Find COVID-19 vaccines near you."

IKC IMMUNIZE KANSAS COALITION

Toolkits Education Modules

COVID-19 #KansasFightsFlu

Home Info For... Vaccines Diseases Resources Data About IKC

Resources and guidance for immunizations during the COVID-19 pandemic.

OUR MISSION:
The mission of the Immunize Kansas Coalition is to protect all Kansans from vaccine-preventable diseases.

Find COVID-19 vaccines near you.

Members

- Physicians
- Nurses
- Physician Assistants
- Pharmacists
- Managed Care
- Epidemiologists
- Educators
- School Nurses
- Universities
- Health Departments
- Cancer Organizations
- Researchers
- Hospitals
- Child Advocacy Groups
- Provider Associations



About 45 member organizations and 200+ people on the distribution list

Current Priorities

- Increase **Adolescent** immunization rates
 - HPV (Human papillomavirus)
 - Maintain Meningococcal A, C, W, Y (MCV)
 - Maintain Tdap booster
- Increase **Influenza** immunization rates for all 6 months and older
- Maintain/restore immunization rates during and post **COVID-19**
- Strengthen **vaccine confidence** through education, awareness, and partnerships with trusted community sources



Reminder: Why We Vaccinate



THE IMPACT OF VACCINES



Disease	Annual cases in the 20th century	Cases in 2020
Smallpox	29,005	0
Diphtheria	21,053	1
Pertussis	200,752	5,398
Polio	16,316	0
Measles	530,217	13
Mumps	162,344	621
Rubella	47,745	6
Hib	20,000	11



Sources:
Annual 20th century morbidity from JAMA, 2007
2020 reported cases from CDC Surveillance System

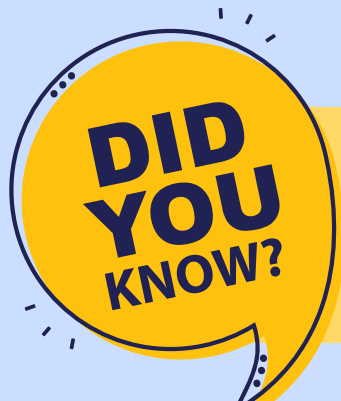


Vaccines Save Lives

We know that vaccines have eliminated or dramatically reduced the incidence of many infectious diseases. Experts around the world agree on this.

In the U.S., giving children born in a single year all routine vaccines can prevent 42,000 early deaths and 20 million cases of disease.

Source: bit.ly/2YvAbNL



Vaccines also save money.

Every \$1 spent on childhood vaccines saves \$10.



Source: bit.ly/2BdDW1o



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These infections are still among us. Most are just a plane ride away.

- Vaccine-preventable diseases such as measles, mumps, and pertussis continue to infect U.S. children, resulting in hospitalizations and deaths every year.
- Tetanus spores are in the soil and will never be eradicated.
- Some of these diseases are abroad. If children are not vaccinated, they could easily be infected from contact – even indirect contact – with a traveler.




95% of Kansans

believe taking vaccines for such diseases as measles, mumps and polio is “extremely” or “very important” to maintaining good health.

Statistic from Nurture KC's Statewide Immunization Poll

bit.ly/353gLpw

During COVID



Fewer childhood vaccines have been given during the COVID-19 pandemic*

To avoid outbreaks of vaccine-preventable diseases and keep children protected, **vaccinations and well-child visits are essential**

*Compared with January-April, 2019

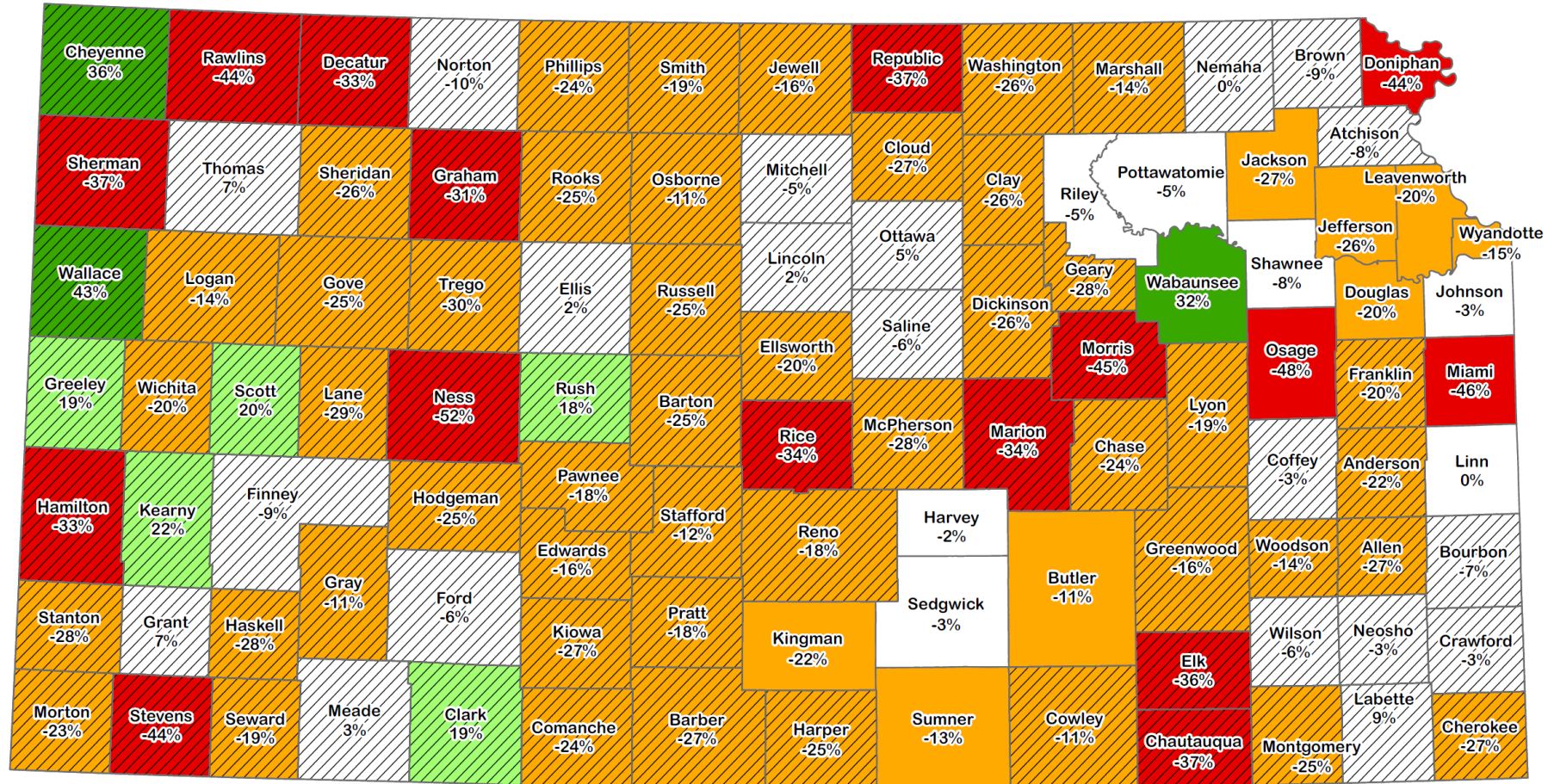
CDC.GOV

bit.ly/MMWR5820

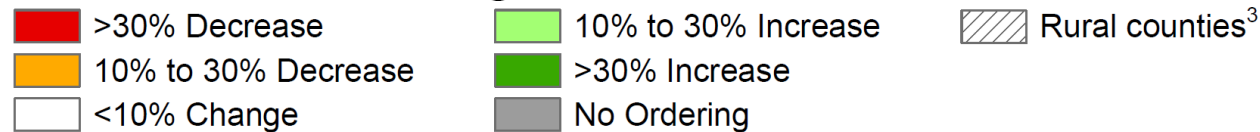
MMWR

- Significant decrease in orders for VFC-funded, ACIP-recommended non-influenza childhood vaccines
- NOW: Need to be catching up
- Indicators suggest we are still behind

County-level Percent Change in Non-flu VFC Doses Ordered, January 2020-September 2021 Compared with January-December 2017-2019 Average -- Kansas^{1,2}



Percent change in non-flu VFC doses ordered

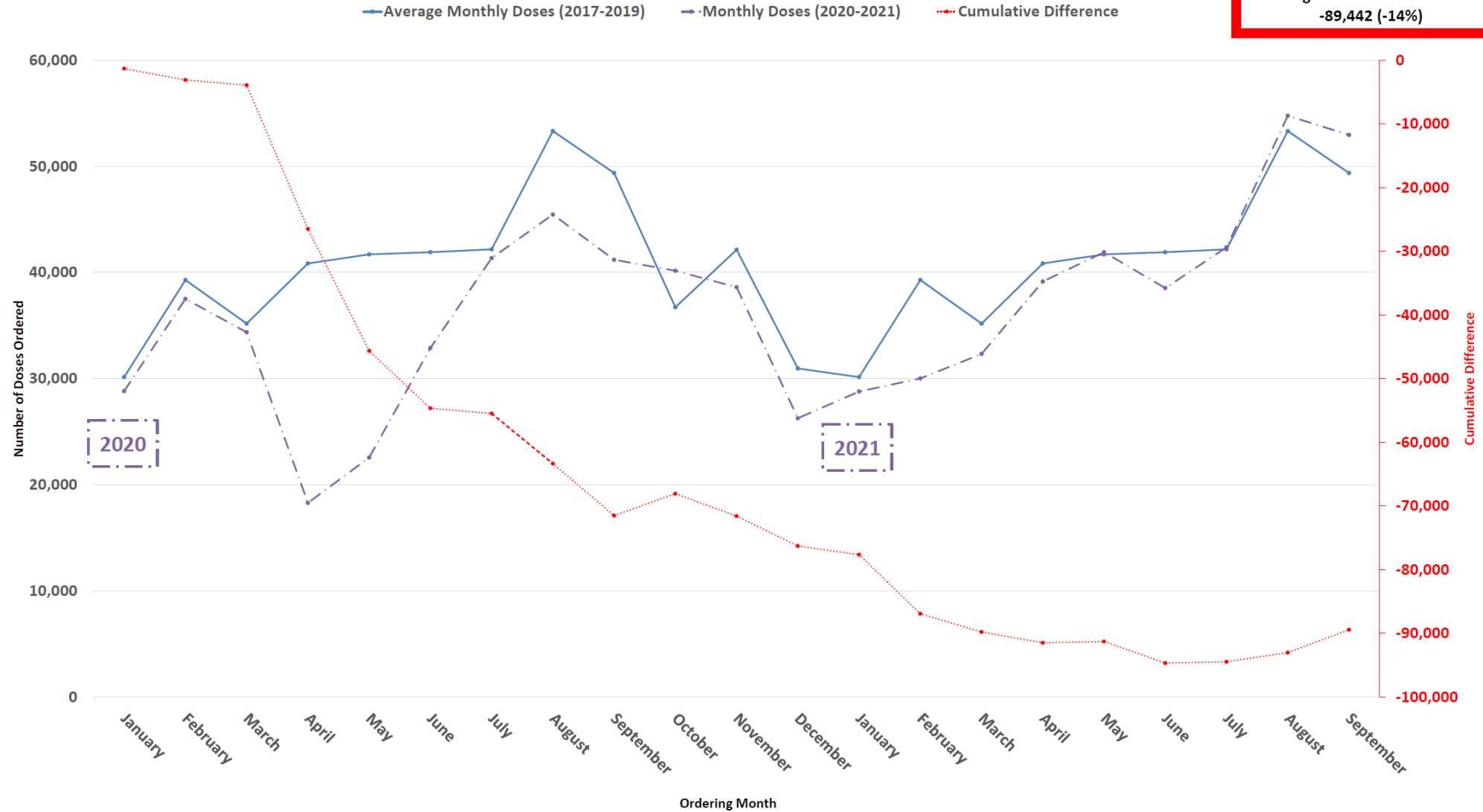


¹Two time periods are included in this map: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this map compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

²VFC doses ordered by VFC program-enrolled providers are included. (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the Vaccines for Children (VFC) program, <https://www.cdc.gov/vaccines/programs/vtrcks/index.html>)

³'Micropolitan' and 'non-core' counties categorized as rural. (Source: 2013 National Center for Health Statistics urban rural classification for counties, https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf)

All Non-Influenza VFC (1) Antigen Doses Ordered (2) by Month (3), 2020-2021 Compared with 2017-2019 Average -- Kansas



**Ending Cumulative Difference:
-89,442 (-14%)**

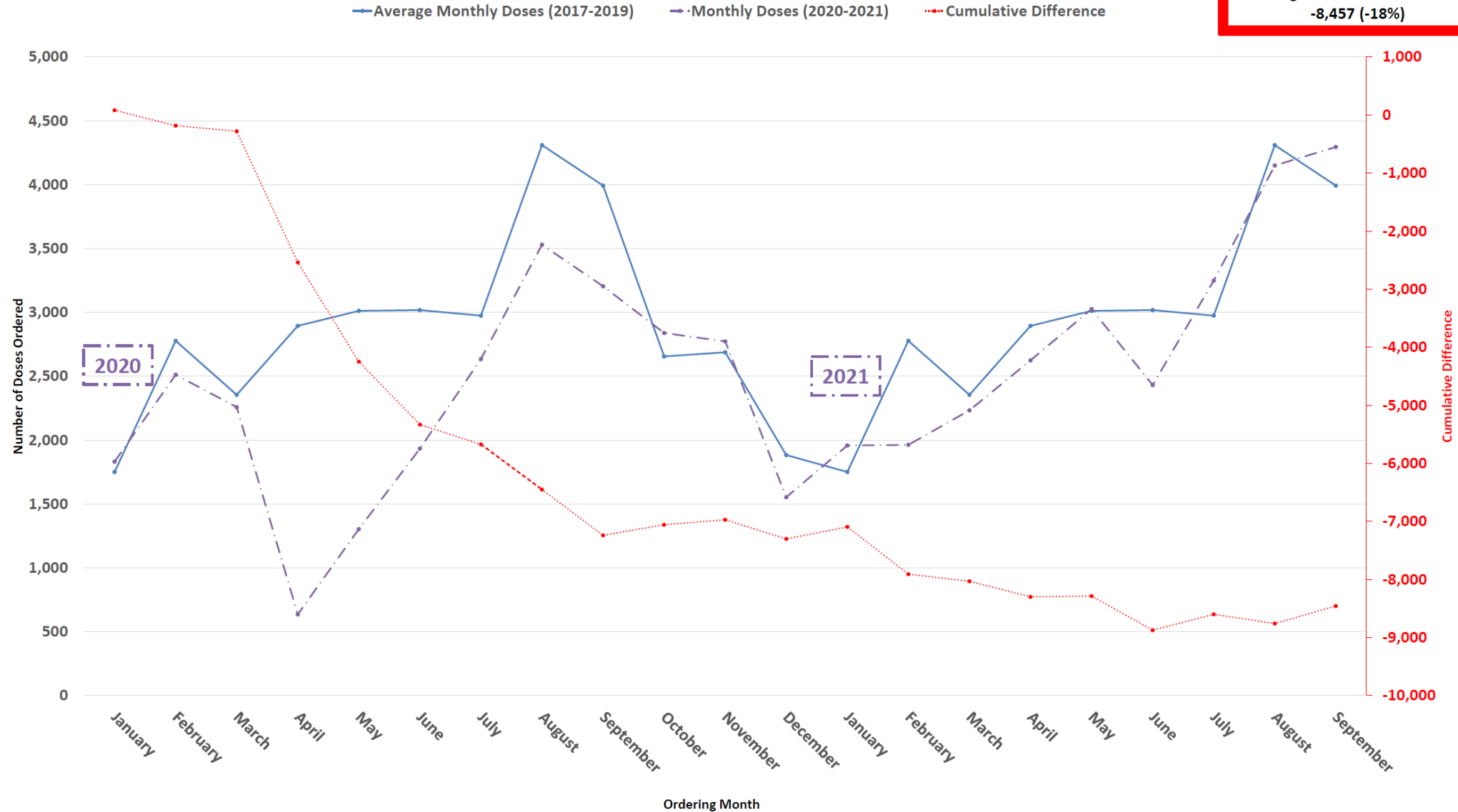
1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program).

<https://www.cdc.gov/vaccines/programs/vtrcks/index.html>

2 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen-containing vaccines included are as follow: DTAP (DTAP, DTAP-IPV, DTAP-IPV-HEPB, DTAP-IPV-HIB); HEP A (HEP A, HEP AB); HEP B (DTAP-IPV-HEPB, HEP AB, HEP B); HIB (DTAP-IPV-HIB, HIB); HPV (HPV); IPV (DTAP-IPV, DTAP-IPV-HEPB, DTAP-IPV-HIB, IPV); MCV4 (MCV4); MENB (MENB); MMR (MMR, MMR-V); PCV13 (PCV13), PPV23 (PPV23); ROTA (ROTA); TD (TD); TDAP (TDAP); VAR (MMR-V, VAR).

3 Two time periods are included in this graph: (1) the base period, which is CY2017-CY2019 plus corresponding CY2017-CY2019 months to match the pandemic period, and (2) the pandemic period, which is CY2020 plus CY2021 months. For example, this graph compares ordering data for a corresponding 21 months: pandemic period of Jan-Dec 2020 plus Jan-Sep 2021 versus base period of Jan-Dec for 2017-2019 (12-month average) plus Jan-Sep for 2017-2019 (9-month average).

MMR VFC (1) Antigen Doses Ordered (2) by Month (3), 2020-2021 Compared with 2017-2019 Average -- Kansas



**Ending Cumulative Difference:
-8,457 (-18%)**

1 Vaccines for Children (VFC) doses ordered by VFC program-enrolled providers (Source: CDC's VTrckS vaccine ordering system, which is used by providers enrolled in the VFC program).

2 <https://www.cdc.gov/vaccines/programs/vtrcks/index.html>

3 Each antigen group consists of one or more vaccine types and are not mutually exclusive across groups (e.g., an MMRV vaccine is counted in both the MMR and VAR antigen groups). Antigen-containing vaccines included are as follow: MMR (MMR, MMR-V).

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“Bundling” Opportunities

- Everyone has vaccine message fatigue
- Anti-vaccine sentiments in Kansas have grown
- Legislative challenges to basic public health tools, including school and childcare vaccine requirements
- Everyone is needed to help us catch-up and increase rates
- Consider:
 - How can we “bundle” with general wellness messaging?
 - How can you incorporate immunization messaging and reminders into the work you are already doing?

GET CAUGHT UP ON VACCINES

for yourself, your family,
and your community!



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www.immunizekansascoalition.org


K-STATE
Research and Extension

Supported by a grant from the Extension Collaborative on Immunization Teaching & Engagement (E-CITE). K-State Research and Extension is an equal opportunity provider and employer.

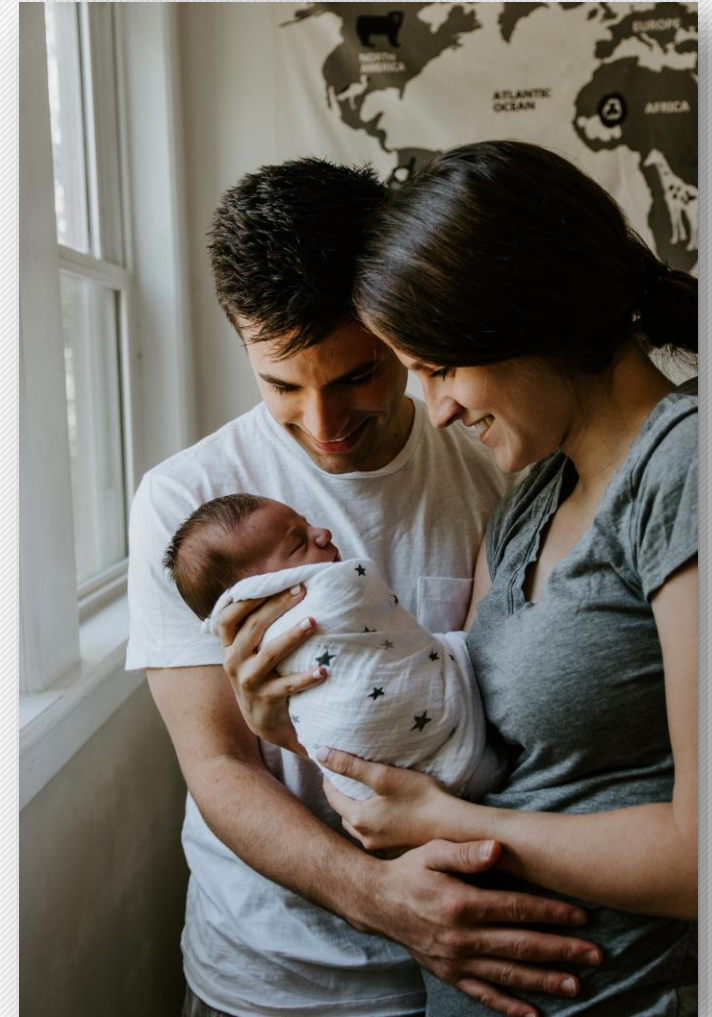
Women-Maternal Domain

- Tdap, COVID-19 and Flu shots for pregnant women
- Tdap for family members and care givers to protect baby
- Helping pregnant women make informed decisions about protecting their baby with vaccinations *before* delivery
- Target population for vaccine opposition messaging
- Potential partnerships?



Perinatal-Infant Domain

- Building vaccine confidence among new parents, decision to immunize on-time with the recommended schedule
- Hep B vaccine birth dose
- Safe sleep connections: vaccine opponents have attempted to tie SIDS to vaccines, though there is no evidence of this
- Breastfeeding: natural immunity, vaccinate before delivery, breastfeeding during or immediately after immunizations can help reduce pain for infant, vaccine considerations for breastfeeding mothers
- Potential partnerships?



Online Education Modules : Vaccines During Pregnancy

Education Module



VACCINES FOR MY BABY DURING PREGNANCY

[immunizekansascoalition.org/
education-modules](https://immunizekansascoalition.org/education-modules)



Education Module



INCREASING VACCINE UPTAKE IN PREGNANT WOMEN

[immunizekansascoalition.org/
education-modules](https://immunizekansascoalition.org/education-modules)



Designed for all clinical personnel
who care for pregnant women



Safe Sleep Community Baby Shower

- Riley County
- March 12th
- English and Spanish
- IKC and K-State Research & Extension table with information about immunizations



National Infant Immunization Week

April 25-May 2, 2022



National Infant Immunization Week



National Infant Immunization Week

April 25 - May 2, 2022

#LetsTalkAboutVaxBaby

CDC: <https://www.cdc.gov/vaccines/events/niiw/index.html>

Vaccinate Your Family:

<https://www.dropbox.com/login?cont=%2Fhome%2FVYF%2520Team%2520Folder%2FNIW%252022%2FNIW%2520Social%2520Materials%2520-%2520PARTNERS>

Child Domain

- Promoting vaccine confidence
- Vaccinate on time with recommended vaccine schedule
- Maintain/restore childhood immunization rates during/post-pandemic
- Schools/school nurses – opportunities to ensure up-to-date immunizations
- Model school exclusion policy
- Maintain current Kansas regulations related to school vaccine requirements
- Potential partnerships?



School-Age 2019-20

State	MMR	Chickenpox	DTP, DTaP, or DT
U.S.	95.2%	94.8%	94.9%
Kansas	90.0%	89.1%	89.7%

Source: SchoolVaxView, Estimated vaccination coverage among children enrolled in kindergarten

Adolescent Domain

- Kansas – low adolescent vaccine rates, particularly HPV
- HPV vaccine
- Meningococcal vaccines
- Tdap/bundling of adolescent vaccines
- Increasing awareness of importance of vaccines and building vaccine confidence among adolescents
- Potential partnerships?

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HPV Vaccination Rates (US, KS)

State	Up-To-Date Males and Females	Up-to-Date Males	Up-to-Date Females
U.S.	58.6%	56.0%	61.4%
Kansas	53.3%	49.2%	57.6%

Online Education Modules – Youth Series



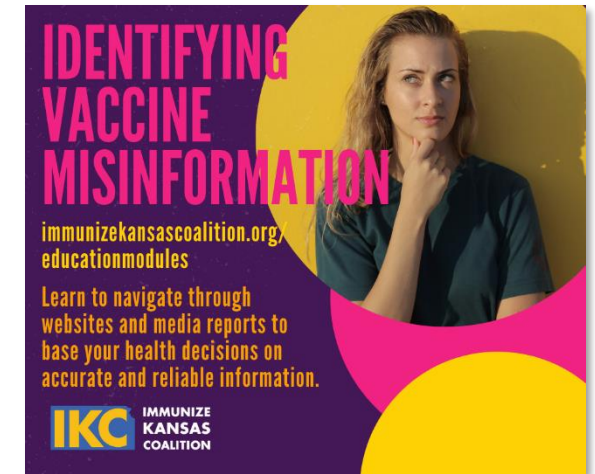
Vaccines for Infants

Learn about the nine diseases infants can be protected from, because prevention is better than treatment!



Vaccinating Adolescents

We all need vaccines throughout our lifetimes! Learn about the four vaccines recommended for adolescents.



Identifying Vaccine Misinformation

Learn to navigate through websites and media reports to base your health decisions on accurate and reliable information.

Immunization Resources



Toolkits Education Modules
COVID-19 #KansasFightsFlu

Home Info For... Vaccines Diseases Resources Data About IKC

Resources to answer common questions about vaccines

If you or someone you know has questions about vaccines, the resources listed below provide scientific, evidence-based information and answers. We've categorized each resource under one of six headings: overall vaccine information, how vaccines work, vaccine safety, history and impact of vaccines, addressing vaccine concerns, and sharing about vaccines.

credible vaccine information for families, from families

Vaccines & Immunizations

THE HISTORY OF
VACCINES
AN EDUCATIONAL RESOURCE BY THE COLLEGE OF PHYSICIANS OF PHILADELPHIA

American Academy of Pediatrics
DEDICATED TO THE HEALTH OF ALL CHILDREN®

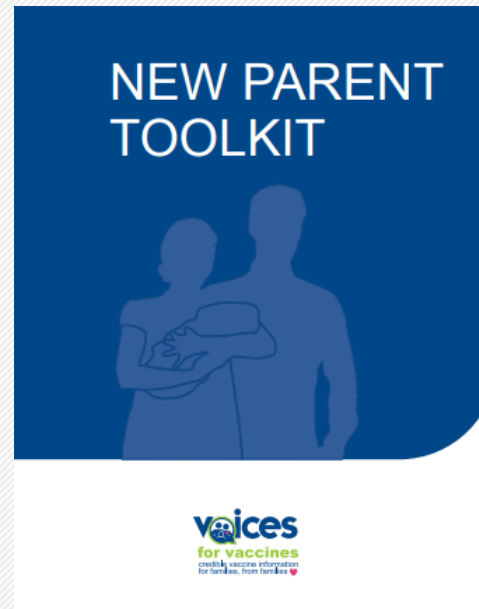
Vaccine Education Center

Powered by pediatricians. Trusted by parents.
from the American Academy of Pediatrics

Just the Facts:
Correcting this week's misinformation

Resources We Love

- Voices for Vaccines Website:
<https://www.voicesforvaccines.org/>
 - New Parent Toolkit
 - Vaccine Hesitancy Toolkit
 - Healthcare Provider Toolkit
 - Science info
 - “Just the Facts” weekly email
- Vaccinate Your Family
 - Vaccine Preventable Disease Booklets




How things work: VACCINES

voices for vaccines

Different vaccines are made in different ways but they all train your body to recognize and fight disease. Some ways vaccines are made include:

- killing and purifying a **pathogen**
- weakening a pathogen so much it can't cause disease
- using a harmless piece of a pathogen

 A **pathogen** is a microorganism, like a virus or bacteria, that can cause disease

Your immune system is a complex army that helps keep your body healthy. The vaccine trains immune system players to fight a virus or bacteria. Two important players are:

Lymphocytes: White blood cells that attack pathogens.

Antibodies: Blood proteins that are specifically designed to bind to different pathogens. This prevents pathogens from attaching to cells in your body and making you sick.

Think of white blood cells as soldiers who fight invaders.

Think of Antibodies as the ammunition white blood cells use.

When you have a normal immune response after getting a vaccine (like soreness where you got the vaccine or a fever) it is like a training exercise for your immune army - preparing it to be able to fight a disease.

Education Modules

- *In addition to Vaccines During Pregnancy and the Youth Module Series...*
- **Protecting Kansans with Immunization**
 - Designed for all Kansas audiences
 - Corresponding one-page handout
- **Shutting the Door on HPV Cancers**
 - Designed for healthcare audiences
 - *FREE Continuing Medical and Nursing Education credits available*
- **Preventing Flu**
 - Designed for healthcare audiences
 - *FREE Continuing Medical and Nursing Education credits available*
- immunizekansascoalition.org/educationmodules

The screenshot shows the Immunize Kansas Coalition website. At the top left is the IKC logo. To its right is the text "IMMUNIZE KANSAS COALITION". Further right are navigation buttons for "Toolkits" and "Education Modules", with "COVID-19" highlighted under Toolkits and "#KansasFightsFlu" under Education Modules. Social media icons for Facebook, Twitter, LinkedIn, and Instagram are also present. Below this is a main navigation bar with links for "Home", "Info For...", "Vaccines", "Diseases", "Resources", "Data", and "About IKC". The "Education Modules" section is active, displaying the heading "Education Modules" and the instruction "Use any device - computer, tablet, or smartphone - to go through the education modules!". Below this are icons for a smartphone, tablet, laptop, and desktop monitor. Two module cards are shown: "Vaccines for My Baby during Pregnancy" (20 minutes, for pregnant women) and "Increasing Vaccine Uptake in Pregnant Women" (1 hour, for clinical personnel).

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Toolkits Education Modules

COVID-19 #KansasFightsFlu

Home Info For... Vaccines Diseases Resources Data About IKC

Education Modules

Use any device - computer, tablet, or smartphone - to go through the education modules!

Vaccines for My Baby during Pregnancy
Estimated time to complete: 20 minutes
Audience: Pregnant Women

When you're pregnant there are many things that you should and shouldn't do. One thing you should do is get the vaccines that are recommended during pregnancy. In this module, you will learn about the importance of getting flu, Tdap, and COVID-19 vaccines, while also getting answers to common questions you may have about vaccines during pregnancy.

Let's Go!

Increasing Vaccine Uptake in Pregnant Women
Estimated time to complete: 1 hour
Audience: Clinical personnel who care for pregnant women

In this module clinical personnel who care for pregnant women will learn how to increase immunization rates in their clinical...

Toolkits

- COVID-19 Vaccination (CDC)
- HPV Vaccine Toolkit
- HPV Education Events Toolkit
- Meningococcal Vaccine Toolkit
- Tdap Vaccine Toolkit
- #KansasFightsFlu

The screenshot shows the Immunize Kansas Coalition website. The top navigation bar includes 'Home', 'Info For...', 'Vaccines', 'Diseases', 'Resources', 'Data', and 'About IKC'. The 'Resources' dropdown menu is open, showing options like 'COVID-19', 'COVID-19 Vaccine Equity', 'Education Modules', 'Common Questions', 'Toolkits', 'HPV Vaccine Videos', and '#Kansas Fights Flu'. The 'Toolkits' option is highlighted with an orange box. A secondary menu is visible on the right, listing various toolkits: 'COVID-19 Vaccination', 'HPV Vaccine Toolkit', 'HPV Education Events Toolkit', 'Meningococcal Vaccine Toolkit', and 'Tdap Vaccine Toolkit'. Below the navigation, there is a banner for 'OUR MISSION: The mission of the Immunize Kansas Coalition is to protect all K...' and a 'Find COVID-19 vaccines near you. Search by zip code at vaccinefinder.org.' section. At the bottom, there is a section for 'Upcoming Meetings and Events' with a calendar view for April 2022 and a list view for Wednesday, April 20, showing events like 'Give Your Community A Boost, COVID-19 in the Heartlar' and 'Building Vaccine Confidence in Families Webinar'.

Get Caught Up Campaign

GET CAUGHT UP ON VACCINES

for yourself, your family,
and your community!



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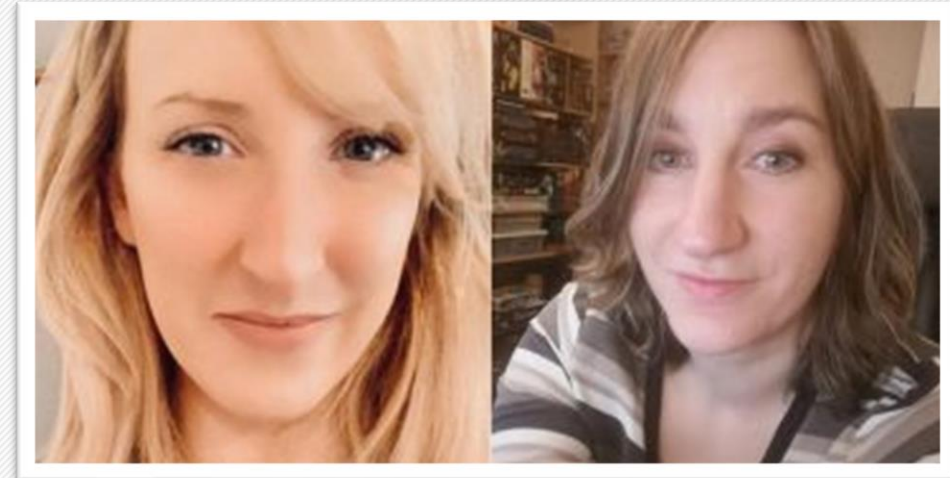
KAAP Webinar: Building Vaccine Confidence in Families

- **Tomorrow! Thursday, April 21st at noon**
 - Navigating difficult conversations with families on vaccine hesitancy is possible when you have the right tools.
 - Join Karen Ernst, MA, Executive Director of Voices for Vaccines, for an **interactive webinar on how to apply active listening, empathy and affirmation** to help families with concerns about vaccines reach acceptance.
- Register: tinyurl.com/KAAPwebinar421



IKC Webinar Series: Engaging Vaccine Hesitancy

- **Wednesday, May 4th at 11:30 a.m.**
 - Q&A with Former Anti-Vax Moms
 - Lydia Greene and Heather Simpson
 - backtothevax.com
- **Wednesday, May 11th at 11:30 a.m.**
 - Successfully Talking About Vaccines: The Voices for Vaccines Method
 - Karen Ernst, MA, Executive Director
 - voicesforvaccines.org
- *More info coming out later today! Watch IKC social media and check the IKC homepage for more details.*



Take Action

- Join the **IKC Parents & Families** group: surveymonkey.com/r/IKC_Parents
- Engage on **social media**
 - Facebook, Instagram Twitter, LinkedIn
 - *Click, like, share!*
- Join the **IKC email list**: Put your email in chat or sign up at surveymonkey.com/r/D53NJB6
- Share an **education module**



How can you incorporate
vaccine messaging and
promotion of immunizations
into your current activities?

How can we help?

