

# Immunize Kansas Coalition



2<sup>nd</sup> Quarter Meeting  
April 12, 2019



# Strategic Team Meetings

All IKC Members should participate in the strategic team discussion of their choice at this time.

- Education & Awareness: Dan Leong (phone)
- Grants & Funding: Carlie Houchen
- Policy: Charlie Hunt
- Improved Systems Performance: Susan Runyan for Sarah Good



# Welcome and Introductions

Gretchen Homan, M.D., Chair



# Coalition Updates and Business

- Review and Approve 2/22/19 Meeting Minutes
- Membership Updates & New Member Votes
- Nomination Committee - Carlie Houchen
- Status of Funds Update



# Overview of VaxCare and Services to Increase Immunization Rates

Brian Oestreich

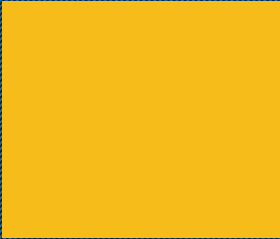


# Kansas Immunization Program Report

Allison Alejos



# Data and Immunization Resource Spotlight





# Data and Immunization Resource Highlights

- Hepatitis B Birth Dose Honor Roll - Kelly Gillespie
- PRAMS Special Immunization Request
- HPV Provider Recommendations - NIS-Teen Data
- IKC Website Updates



# Hep B Birth Dose Honor Roll

- <http://www.immunize.org/honor-roll/birthdose/>

## Hepatitis B Birth Dose Honor Roll

### Hepatitis B Birth Dose Policies Achieve High Coverage Rates

On July 16, 2013, the Immunization Action Coalition (IAC) launched the Hepatitis B Birth Dose Honor Roll. The Honor Roll recognizes hospitals and birthing centers that have attained high coverage rates for administering hepatitis B vaccine at birth.

In addition to recognition on IAC's Birth Dose Honor Roll and announcement of their achievement in *IAC Express*, honorees receive a 8.5" x 11" color certificate suitable for framing.



#### IAC's Inaugural Honoree

Albany Medical Center (Albany, New York), with support from the New York State Department of Health Immunization Bureau, achieved a birth dose coverage rate of 99%.

**Pictured:** Mary Miller, RNC, Nurse Manager of Postpartum and Newborn Nursery, Albany Medical Center; Mary Ellen Plass, MS, RN, Senior Vice President and Chief Nursing Officer, Albany Medical Center; and Deborah Wexler, MD, Executive Director, Immunization Action Coalition

[>> view all honorees](#)

### Who's on the Honor Roll?





View the hospitals and birthing centers -- more than 400 -- that have attained high coverage rates



### Apply for the Hepatitis B Birth Dose Honor Roll

Complete this online form to tell IAC about the birth dose policy in your birthing facility

 [Apply Now](#) 



# PRAMS

- This report contains results from the 2017 cycle of the Kansas Pregnancy Risk Assessment Monitoring System (PRAMS) study. PRAMS is a survey in which women who have recently given birth are interviewed about their experiences before, during, and after pregnancy.
- For more information about the PRAMS survey in Kansas, please visit the [Kansas PRAMS](#) webpage.
- 995 Kansas mothers who had a live birth in 2017 participated in the Kansas PRAMS study. The following statistics have been weighted to represent all Kansas-resident women who had a live birth in Kansas in 2017.



# PRAMS

**Table 1. Responses to Question 19: During the 12 months before the delivery of your new baby, did a doctor, nurse, or other health care worker offer you a flu shot or tell you to get one?**

<b>Offered flu shot by a health care worker, during the 12 months before delivery:</b>	<b>Sample Size</b>	<b>Weighted Size</b>	<b>Row Percent</b>	<b>Lower 95% Limit</b>	<b>Upper 95% Limit</b>
Total	981	34072	100.0	.	.
No	118	4335	12.7	10.2	15.8
Yes	863	29736	87.3	84.2	89.8



# PRAMS

**Table 2. Responses to Question 20: During the 12 months before the delivery of your new baby, did you get a flu shot?**

<b>Received a flu shot during the 12 months before delivery:</b>	<b>Sample Size</b>	<b>Weighted Size</b>	<b>Row Percent</b>	<b>Lower 95% Limit</b>	<b>Upper 95% Limit</b>
Total	975	33670	100.0	.	.
No	336	11465	34.1	30.3	38.0
Yes, before pregnancy	119	3833	11.4	9.0	14.3
Yes, during pregnancy	520	18372	54.6	50.5	58.6



# PRAMS

**Table 3. Responses to Question 73: What are your plans for vaccinating your new baby?**

Vaccination plans for infant:	Sample Size	Weighted Size	Row Percent	Lower 95% Limit	Upper 95% Limit
Total	927	33009	100.0	.	.
Infant will be vaccinated the way doctor recommends	845	29835	90.4	87.5	92.6
Infant will receive every vaccine, but at different times than doctor recommends	35	1304	4.0	2.6	6.1
Infant will receive only some of the recommended vaccines	27	939	2.8	1.7	4.7
Infant will not receive vaccines	20	931	2.8	1.7	4.6

Excludes mothers whose infants were not alive or living with them.



**Table II.** HPV vaccination coverage of male adolescents aged 13-17 years in the US, by parental report of provider recommendation status, demographic, and access-to-care variables—NIS-Teen 2016

State	Sample size, n	Prevalence of provider recommendation for HPV, % (95% CI)	HPV vaccination coverage, % (95% CI)			
			Overall	With provider recommendation	Without provider recommendation	Percentage points difference*
National	9712	65.5 (63.7-67.3)	57.3 (55.5-59.1)	68.8 (66.8-70.8)	35.4 (32.1-38.7)	33.5 (29.6-37.4) <sup>†</sup>
Wyoming	186	45.9 (37.4-54.5)	36.5 (28.5-45.4)	51.5 (39.2-63.6)	23.8 (14.5-36.7)	27.7 (10.9-44.4) <sup>†</sup>
Mississippi	180	48.4 (38.9-57.9)	45.4 (36.1-54.9)	65.7 (52.1-77.2)	26.3 (16.5-39.2)	39.4 (22.3-56.6) <sup>†</sup>
South Carolina	150	52.0 (42.0-62.0)	38.7 (29.7-48.6)	54.4 (40.5-67.7)	21.7 (11.7-36.6)	32.7 (14.0-51.5) <sup>†</sup>
Kansas	149	52.4 (42.6-62.2)	43.1 (33.8-52.9)	63.2 (50.7-74.2)	20.9 (10.8-36.6)	42.3 (24.7-60.0) <sup>†</sup>
Kentucky	162	52.7 (43.3-62.0)	42.3 (33.4-51.7)	53.1 (40.7-65.1)	30.2 (18.3-45.6)	22.8 (4.2-41.5) <sup>†</sup>
Texas	939	52.8 (47.4-58.2)	46.0 (40.7-51.4)	64.0 (56.6-70.9)	25.7 (19.2-33.6)	38.3 (28.1-48.5) <sup>†</sup>
Oklahoma	137	53.4 (42.7-64.1)	51.2 (40.6-61.6)	66.0 (52.9-77.1)	34.2 (20.3-51.4)	31.8 (11.6-52.0) <sup>†</sup>
Missouri	168	54.3 (44.5-64.2)	49.2 (39.5-58.8)	71.7 (59.7-81.2)	22.3 (12.2-37.3)	49.3 (32.7-65.9) <sup>†</sup>
Alabama	155	54.5 (45.0-64.1)	51.2 (41.7-60.6)	76.1 (63.1-85.6)	21.2 (11.5-35.8)	54.9 (38.3-71.5) <sup>†</sup>
West Virginia	149	56.2 (46.6-65.9)	51.6 (42.0-61.1)	69.3 (56.5-79.6)	29.0 (16.9-45.0)	40.3 (21.7-58.8) <sup>†</sup>
South Dakota	167	56.2 (46.8-65.5)	50.5 (41.3-59.7)	74.2 (62.7-83.1)	20.1 (10.6-34.7)	54.1 (38.3-69.9) <sup>†</sup>
Montana	173	57.0 (47.4-66.5)	43.5 (34.6-52.9)	56.5 (44.4-67.9)	26.3 (15.3-41.4)	30.2 (12.3-48.1) <sup>†</sup>
Arkansas	190	58.0 (49.7-66.3)	54.9 (46.5-63.0)	67.8 (56.8-77.1)	37.1 (25.5-50.4)	30.7 (14.3-47.0) <sup>†</sup>
Utah	151	60.2 (50.8-69.6)	42.1 (33.1-51.6)	54.4 (42.4-65.9)	23.5 (13.3-38.1)	30.9 (13.6-48.2) <sup>†</sup>



**Human Papillomavirus (HPV) vaccination coverage ( $\geq 1$  dose) among adolescents aged 13-17 years in the United States, parental report of provider recommendation status, and access-to-care variables--NIS-Teen 2017**

	Sample size	Prevalence of provider recommendation for HPV by parental report	Well-child visit at age 11-12 years reported by provider	Physician contacts within past year (in past 12 months) by parental report				HPV vaccination coverage		
				None	Once	Two-Three	Four or more	Overall	With provider recommendation	Without provider recommendation
				% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)
<b>National</b>	<b>19,200</b>	<b>75.3 (74.1-76.5)</b>	<b>48.4 (47.1-49.8)</b>	<b>15.2 (14.2-16.3)</b>	<b>29.6 (28.3-30.9)</b>	<b>35.5 (34.2-36.8)</b>	<b>19.7 (18.7-20.7)</b>	<b>66.0 (64.8-67.2)</b>	<b>73.2 (71.8-74.5)</b>	<b>44.1 (41.1-47.1)</b>
Mississippi	309	62.8 (56.3-68.8)	28.9 (23.5-35.0)	12.9 (9.1-18.0)	22.5 (17.4-28.6)	39.0 (32.7-45.8)	25.5 (20.2-31.8)	49.1 (42.5-55.7)	60.4 (51.6-68.6)	30.0 (21.5-40.2)
<b>Kansas</b>	<b>313</b>	<b>63.0 (56.3-69.3)</b>	<b>35.7 (29.4-42.4)</b>	<b>15.8 (11.3-21.6)</b>	<b>24.0 (18.9-30.0)</b>	<b>36.6 (30.3-43.4)</b>	<b>23.6 (18.3-29.9)</b>	<b>51.8 (45.1-58.5)</b>	<b>66.7 (58.4-74.1)</b>	<b>26.4 (17.7-37.5)</b>
Wyoming	333	63.9 (57.5-69.9)	37.9 (31.8-44.4)	18.6 (13.7-24.7)	33.6 (27.8-40.1)	26.0 (21.1-31.6)	21.7 (17.0-27.4)	46.9 (40.6-53.4)	64.4 (56.6-71.5)	16.0 (10.0-24.7)
Arkansas	327	67.0 (60.5-72.9)	30.0 (24.4-36.3)	9.7 (6.1-15.1)	23.1 (18.0-29.2)	42.6 (36.2-49.2)	24.6 (19.3-30.8)	60.0 (53.4-66.3)	67.2 (59.2-74.3)	45.5 (34.3-57.1)
Louisiana	319	69.6 (63.2-75.3)	43.4 (37.0-49.9)	14.9 (10.7-20.4)	26.3 (21.0-32.5)	32.7 (27.0-39.1)	26.0 (20.6-32.3)	68.4 (62.4-74.0)	78.3 (71.9-83.6)	45.9 (34.4-57.8)
Texas	2,046	69.8 (66.3-73.0)	46.5 (43.0-50.1)	16.6 (14.0-19.6)	30.2 (26.9-33.7)	34.1 (30.8-37.5)	19.1 (16.6-21.9)	60.0 (56.5-63.5)	72.0 (68.1-75.6)	32.4 (26.5-38.8)
Missouri	309	70.0 (63.4-75.9)	32.5 (26.7-38.8)	13.7 (9.6-19.2)	28.4 (22.6-35.0)	37.6 (31.5-44.1)	20.3 (15.5-26.0)	58.1 (51.5-64.6)	66.7 (59.0-73.7)	38.1 (26.5-51.3)
Oklahoma	305	70.2 (63.7-75.9)	36.2 (30.0-42.8)	16.0 (11.7-21.6)	29.5 (23.5-36.3)	31.0 (25.3-37.4)	23.5 (18.3-29.6)	59.6 (52.8-66.0)	70.4 (62.3-77.4)	34.1 (23.5-46.6)
Alabama	332	70.4 (64.3-75.8)	50.7 (44.3-57.0)	12.0 (8.3-17.1)	24.9 (19.7-30.9)	38.7 (32.6-45.1)	24.4 (19.5-30.2)	57.4 (51.0-63.5)	68.3 (60.8-74.9)	31.4 (21.6-43.0)
Florida	388	71.1 (64.5-76.9)	41.9 (35.4-48.8)	16.5 (12.1-22.1)	31.8 (25.6-38.7)	28.1 (22.4-34.6)	23.6 (18.3-30.0)	60.0 (53.1-66.5)	67.3 (59.0-74.7)	41.9 (29.8-55.2)
Indiana	304	71.4 (64.4-77.5)	45.0 (38.2-51.9)	14.7 (10.3-20.5)	33.8 (27.4-40.9)	28.6 (22.8-35.4)	22.8 (17.7-28.9)	60.7 (53.9-67.1)	67.9 (60.3-74.8)	42.6 (29.2-57.3)
Nevada	312	71.9 (65.3-77.6)	34.3 (28.4-40.7)	27.8 (21.8-34.7)	27.3 (21.6-33.9)	29.3 (23.6-35.7)	15.6 (11.6-20.6)	67.0 (60.2-73.2)	77.1 (69.6-83.1)	41.3 (29.6-54.0)
California	278	72.1 (64.7-78.6)	46.6 (39.3-54.1)	21.2 (15.6-28.2)	33.9 (27.0-41.5)	32.5 (25.9-40.0)	12.4 (8.5-17.7)	70.2 (63.2-76.3)	72.9 (64.8-79.8)	63.1 (48.9-75.3)
Kentucky	346	73.2 (67.3-78.4)	50.0 (43.7-56.3)	10.5 (7.2-15.2)	24.4 (19.2-30.4)	36.1 (30.3-42.3)	29.0 (23.7-34.9)	49.1 (42.8-55.4)	58.9 (51.3-66.1)	22.3 (13.5-34.4)
Georgia	309	73.7 (66.5-79.8)	52.0 (44.8-59.1)	13.9 (9.7-19.7)	26.1 (20.4-32.8)	41.0 (34.1-48.3)	18.9 (14.0-24.9)	65.4 (58.3-71.9)	72.5 (64.5-79.2)	45.6 (31.1-60.9)
South Dakota	309	75.0 (68.7-80.3)	34.6 (28.6-41.2)	18.2 (13.6-23.9)	28.9 (23.1-35.5)	33.4 (27.4-40.0)	19.5 (14.7-25.3)	64.9 (58.2-71.1)	71.0 (63.4-77.7)	46.6 (33.5-60.2)



# IKC Website Updates

- Review and update of website data and resources completed, including...
  - Latest available data on conference handouts
  - Handouts to reflect current IKC goals
  - Checked to ensure other recommendations (e.g., 2 vs. 3 HPV vaccine dosage, 2019-2020 school requirements, etc.) are up-to-date
- Let us know if you see any outdated resources that need to be updated
- Resource distribution through flash drives planned for summer conferences



*Networking Lunch,  
Followed by Presentations*






# Model College Policy Preliminary Findings

Elena Aronson





# Model Vaccine Policy for Colleges and Universities

ELENA ARONSON



## The Project

- ▶ Current Kansas College Vaccine Law
- ▶ Literature Review
- ▶ Examine Current Policy Landscape
- ▶ Assess desire/need for updated policy with key informant interviews
- ▶ Model policy for colleges and universities

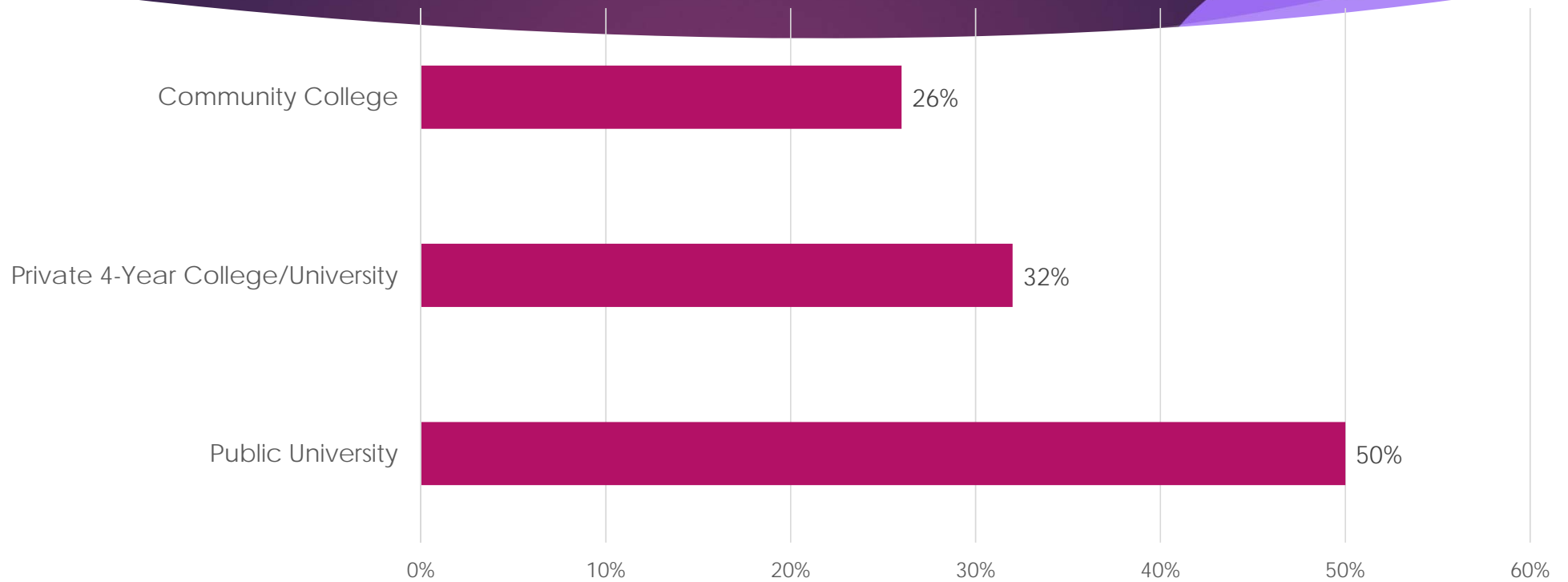




# Current Policy Landscape

- ▶ 55 Kansas Universities and Colleges
  - ▶ 6 large public universities
  - ▶ 22 private 4-year colleges
  - ▶ 19 2-year community colleges
  - ▶ 7 technical colleges
  
- ▶ 243,719 students in 2017 in public colleges and Universities

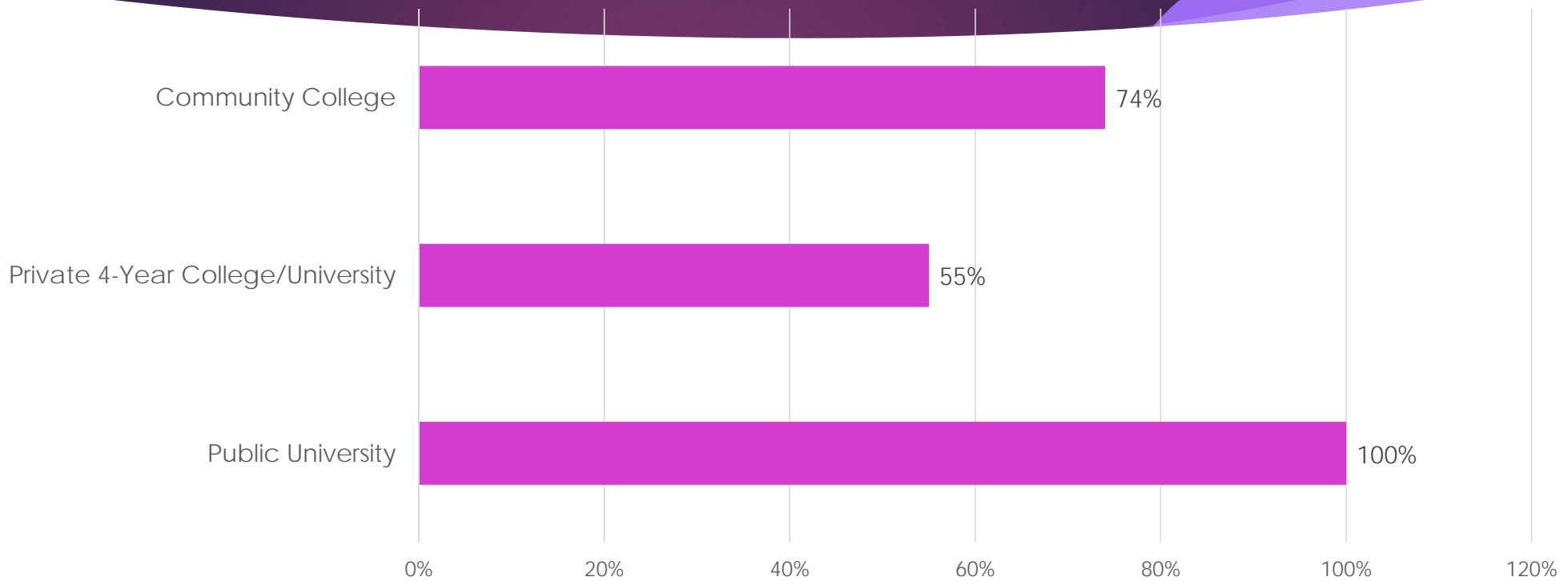
# Percent of Institutions Requiring MMR, by Type of Institution, 2019



Excludes requirements for International students and clinical health programs

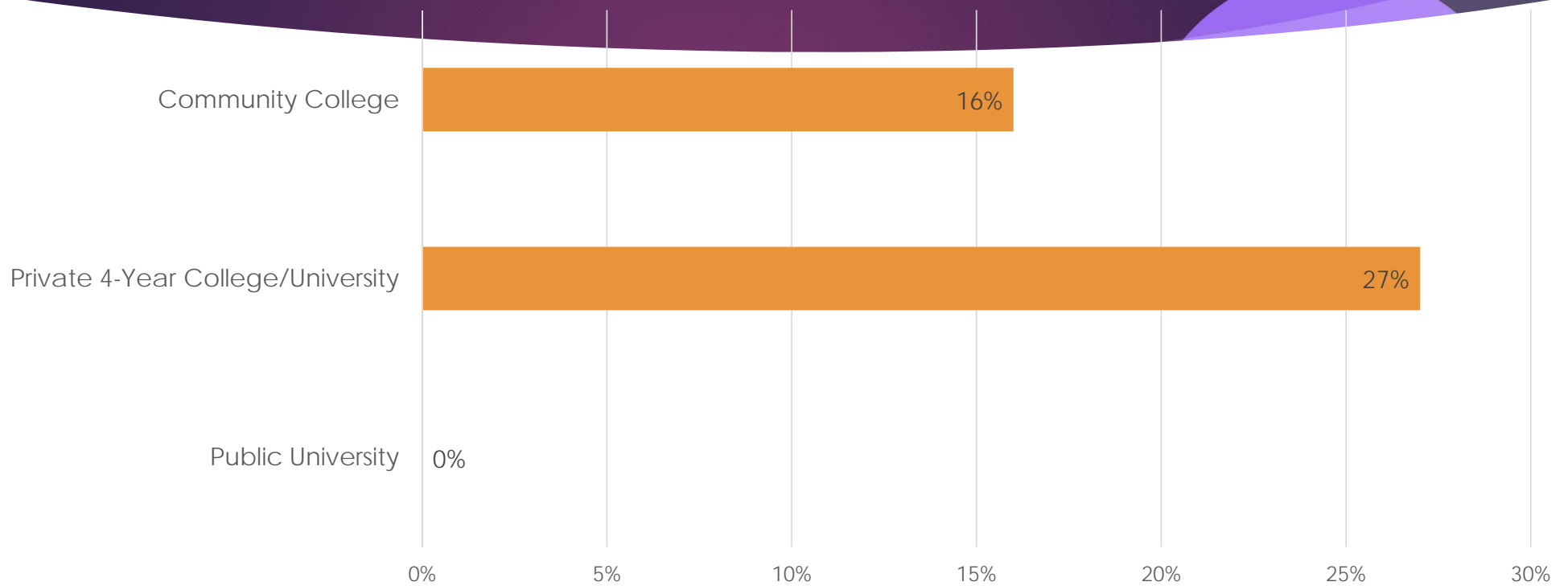


# Percent of Institutions Requiring Meningococcal Quad, by Type of Institution, 2019



Excludes requirements for International students and clinical health programs

# Percent of Institutions Requiring Tdap, by Type of Institution, 2019



Excludes requirements for International students and clinical health programs






# Key Informant Interviews

- ▶ 2 representatives from KDHE
- ▶ 4 representatives from local health departments
- ▶ 2 representatives from large public universities
- ▶ 2 representatives from community colleges
- ▶ 2 representatives from private colleges



## Interview Questions

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- ▶ 11 vaccines
  - ▶ Greek Housing System
  - ▶ Exemption
  - ▶ Grace Period
  - ▶ Record-keeping
  - ▶ Anticipated challenges
  - ▶ How to overcome challenges





# Interview Findings

## Required

- MMR
- Meningococcal Quad
- Meningococcal Serogroup B
- Varicella
- Tdap

## Recommended

- Flu
- HPV
- Hep A
- Hep B
- Polio
- Pneumococcal



# Findings, continued

## Challenges

- Support from university or college administration
- Enforcement of consequences of immunization delinquency
- Staff
- Money

## Needs

- Administration Buy-in
- Staff





Thank You!



QUESTIONS?



# WebIZ Demonstration

Kimbra Nemmers and Tom Liddy



# Kansas Immunization Registry KSWebIZ



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**Our Mission: To protect and improve the health and environment of all Kansans.**

# What is the Kansas Immunization Registry?

The Kansas Immunization Registry, referred to as KSWebIZ is a statewide registry for vaccinations/immunizations. KSWebIZ is web-based, and contains lifespan immunization records that are complete, accurate, and secure for Kansas residents.



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# What is the Purpose?

The purpose of KSWebIZ is to consolidate immunization information among health care professionals, assure adequate immunization levels, and avoid unnecessary immunizations.

Registry data is used by healthcare professionals to: monitor the immunization status of children and adults; assure compliance with state statutes on immunization requirements for individuals; identify geographic areas at high risk due to low immunization rates; and to document and assess vaccination coverage during disease outbreaks.

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# What is the Goal?

The goal of KSWebIZ is to serve as a repository for immunization records that are accurate, up-to-date, and complete. This Web-based system enables end users to accurately assess a patient's immunization status.

Continuous enrollment of providers who actively use the registry on an ongoing basis, will ultimately result in readily accessible and complete immunization health records.

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# Where does the data come from?

- Acute Care
- Ambulatory Care
- College/University Student Health
- Community Health Centers
- Correctional Facilities
- County Health Departments
- Federally Qualified Health Centers
- Head Starts
- Home Health
- Hospitals
- Juvenile Detention Centers
- Long-term Care
- Maternal Child Health
- Medicaid Billing
- Medical Groups
- Mental Health
- Nursing Homes
- Pharmacies
- Preparedness
- Private Providers
- Rural Health Centers
- Schools
- Tribal or Indian Health Services
- Vaccine For Children Program
- Vital Statistics
- Women Infants and Children Services

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# Who can participate?

- Any agency that provides immunization services
  - At least 1 immunization per year
- Any agency that has access to immunization data and is authorized to share the immunization data

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# Is there a cost to participate?

- There are is no cost to participate in KSWebIZ.

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# Benefits of Participating

- Reporting functionality
- Vaccine forecast and recommendations
- Inventory Management
- Prevent missed opportunities
- Complete patient immunization record in a centralized location
- Access to electronic Pink Card and Kansas Certificate of Immunizations

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# Kansas Bills & Laws

Statute 65-1635a, HB 2030

- Requires immunizations provided under the authorization of the Kansas Pharmacy Act be reported to appropriate county or state immunization registries.
- The bill also requires that, on and after **July 1, 2020**, physicians and other persons authorized in Kansas to administer vaccines to a person report the administration of a vaccine in the state to the state registry maintained for this purpose by the Secretary of Health and Environment.
- The bill allows the person vaccinated or, if the person is a minor, the parent or guardian of the minor to opt out of the registry reporting requirement.

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# Administrative Rules

- Per KDHE administrative rule, it is required that consent to share data with KSWebIZ be captured for each patient whose data is being shared.
- If the data comes from the Health Information Exchange, consent to share data is not required, per 65-6825.

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# System Security

Security measures comply with Health Insurance Portability and Accountability Act (HIPAA) and Kansas statutes. Access is limited to individuals and entities that either provide immunization services or are required to ensure that persons are immunized. “Authorized users” are any one of the following:

1. An employee of a public agency or department.
2. Health records staff of child care facilities and family day care homes.
3. A person other than a public employee who is entrusted with the regular care of those under the care and custody of a state agency including, but not limited to, operators of day care facilities, group homes, residential care facilities adoptive or foster homes.
4. A health care professional (KSA 65-531).

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# How is information submitted?

- Direct Entry/Manual Entry
- Electronic data submissions from Electronic Medical Record Systems - HL7 Interface
  - Direct Connection to KSWebIZ
  - Connection through the Health Information Exchange
    - Kansas Health Information Network (KHIN)
    - Lewis and Clark Information Exchange (LACIE)

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# Contact Information

## **Kansas Immunization Registry (KSWebIZ)**

1000 SW Jackson, Suite 210

Topeka, KS 66612

**877-296-0464**

**[Kdhe.immunizationregistry@ks.gov](mailto:Kdhe.immunizationregistry@ks.gov)**

**[www.kdheks.gov/immunize](http://www.kdheks.gov/immunize)**

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# Questions



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Kimbra Nemmers  
IIS Manager  
[Kimbra.Nemmers@ks.gov](mailto:Kimbra.Nemmers@ks.gov)

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**Our Mission: To protect and improve the health and environment of all Kansans.**



# Strategic Team Reports



# Strategic Team Reports

- Grants and Funding Strategic Team - Carlie Houchen
- Improved Systems Performance Strategic Team - Susan Runyan for Sarah Good
- Education and Awareness Strategic Team - Cindy Olson-Burgess for Dan Leong
- Policy Strategic Team - Charlie Hunt



# Closing

Gretchen Homan, M.D., Chair



# Immunize Kansas Coalition



2<sup>nd</sup> Quarter Meeting  
April 12, 2019