

IIS School and Childcare Functionality Webinar

ALL PHONE LINES ARE IN LISTEN ONLY MODE.

How do I ask a question?

- via WebEx: type your question into the chat box on the WebEx toolbar and send to HOST
- questions will be noted and answered after the presentation, to unmute your line press *6

This WebEx presentation is being recorded and will be posted on the AIRA website.

IIS School & Childcare Highlights

ESC WEBINAR AUGUST 29, 2017



Rhode Island Department of Health



Welcome to KIDSNET





Search

Patient List

Demographics

Newborn Summary

Child Summary

Personal School Form

Lead Poisoning

Early Intervention

Immunization

WIC

Hearing Assessment

Newborn Developmental Risk

Family Visit

Immunization

printer-friendly version

Search

Enter KIDSNET ID: LookUp

Child Information -03/17/2017

Name: SNEEZY D ARAGOM KIDSNET ID: 6124286

Date Of Birth: 02/22/2009 Age: 8y 0m Gender: FEMALE

KIDSNET Status: ACTIVE PCP: TEST PEDIATRIC PRACTICE

Parent/Guardian: PARENT R ARAGOM Date of birth: 07/19/1979

School Requirements: K: 🗸 7th: 😵 8th: 😵 9th: 😵 12th: 😵

(as of 8/1/2017)

				roups Not			
Valid Doses	1	2	Meeting Criteria: Mening HPV Tdap		5	NEXT DUE	
Hepatitis B	02/23/2009 HepB	05/05/2009 DTaP-HepB-			A	End of Series	
3 valid doses	ped/adol 0m 1d	IPV 2m 13d	4m 23d [1]	6m 3d		Reached	
DTaP 5 valid doses	05/05/2009 DTaP-HepB- IPV 2m 13d	07/15/2009 DTaP-HepB- IPV 4m 23d	08/25/2000		05/02/2013 DTAP-IPV 4y 2m	See Tdap Below	
Pneumo 4 valid doses	05/04/2009 Prevnar 7 2m 12d	07/15/2009 Prevnar 7 4m 23d	08/25/2009 Prevnar 7 6m 3d	07/26/2010 Prevnar 13 17m 4d	2.3	Childhood Series Complete	



Welcome to KIDSNET



Search

Recently Viewed

User Management

User Profile

Immunization School Reports

Forms & Resources

KIDSNET Help

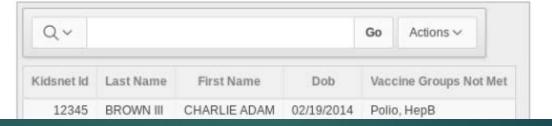
Logoff

Immunization School Requirements Report

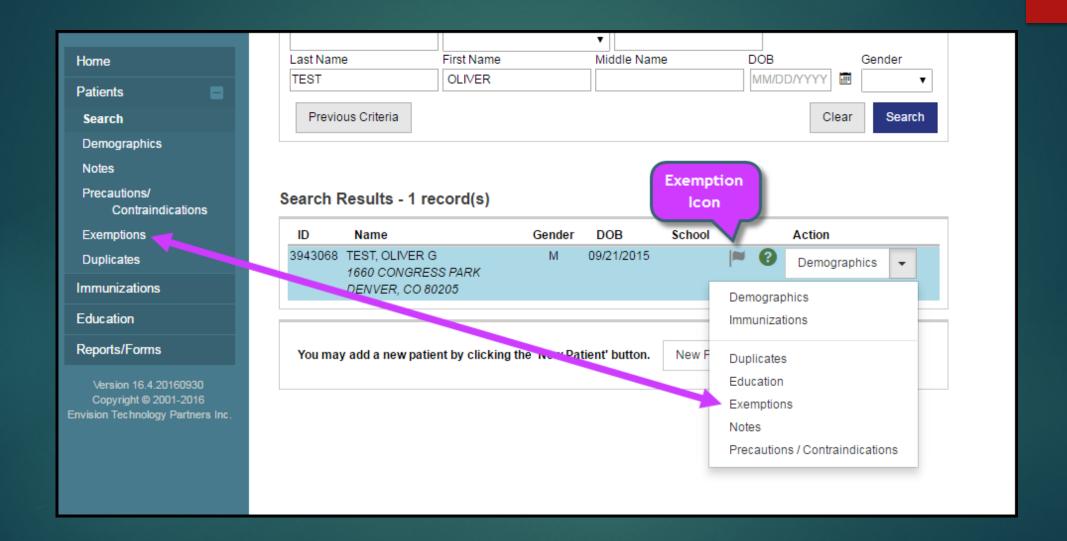
Immunization School	Requirements
Select School	John F Kennedy Elementary School ▼
Select Requirements	Kindergarten ▼
Select Grade	1 -
Select Vaccine group	Hep B ▼
Include in Report	Requirement not met ▼

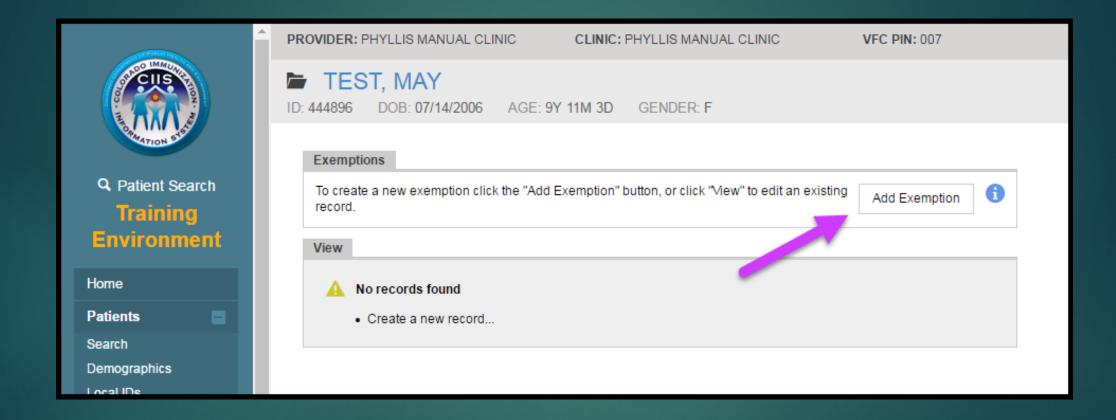
Results

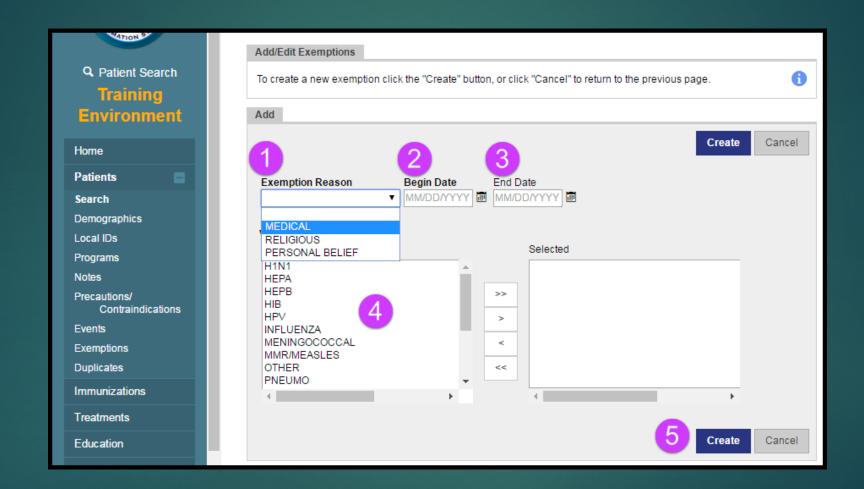
Total number of children in school/district: 100
Total number of children in KIDSNET not meeting the selected Requirement: 10
Total number of children in KIDSNET meeting the selected Requirement: 88
Total number of children not in KIDSNET: 2

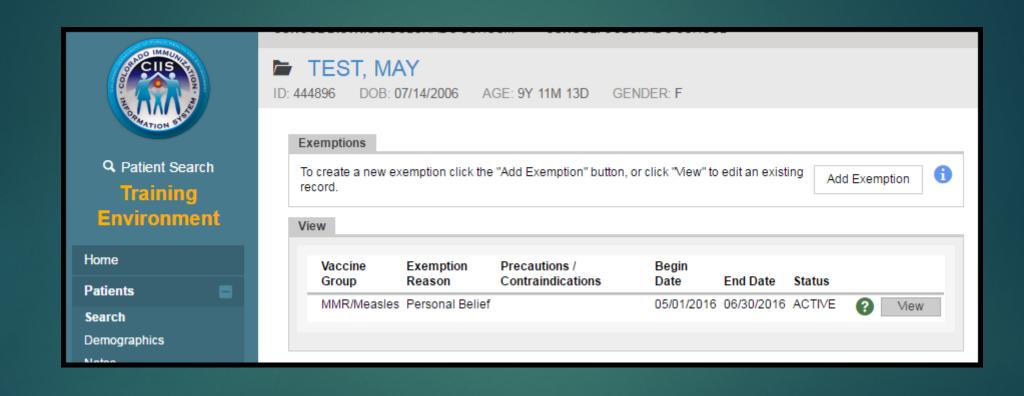


Colorado Department of Public Health & Environment

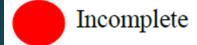








Idaho Immunization Program





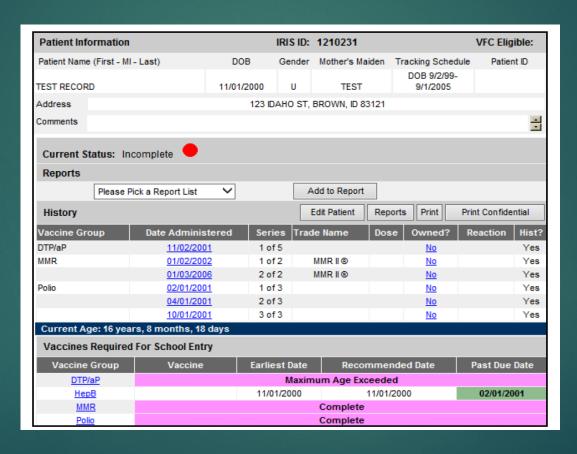
Conditionally Admitted



Exempt



Adequately Immunized



Current Age: 14 years, 7 months, 8 days						
Vaccines Required For School Entry						
Vaccine Group	Vaccine	Earliest Date	Recommended Date	Past Due Date		
DTP/aP	Complete					
<u>HepB</u>			Complete			
MMR	Complete					
Pneumococcal	Complete					
<u>Polio</u>	Complete					
<u>Td</u>	Tdap 04/18/2017 04/18/2017 04/18/2017					
Vaccines Required for 7th Grade Entry						
Vaccine Group	Vaccine	Earliest Date	Recommended Date	Past Due Date		
Tdap	Tdap	01/02/2010	01/02/2014	08/16/2015		
Mening	Completed					

Production Region 1.8

School Access

find student manage list check school report enter new patient

School Reports

legal notice report
check legal notice report
conditional admission
check cond admission
notice of exclusion

Examples of IRIS Letters: Parent Legal Notice

FOR INCOMPLETE STUDENTS

DEPARTMENT OF HEALTH AND WELFARE

Idaho Immunization Program

STATE OF IDAHO IDAPA 16.02.15

LEGAL NOTICE

Required Immunizations (shots) for Admission to Idaho Schools

To the Parent, Guardian or Legal Custodian of MONA LISA, Grade 2.

Idaho Code requires that children be up-to-date on their immunizations (shots) to attend school. Whenever children are brought into group settings, there is a potential for the spread of infectious diseases. To enter or transfer into public or private schools in Idaho, all children in preschool and grades K-12, unless exempted, must meet school immunization requirements at registration and before attendance. According to our records, your child is not compliant because either an immunization record is not available at school or an immunization(s) is needed (see reason for noncompliance marked below).

You need to act right away to keep your child in school. According to Idaho law, we cannot allow your child to attend school unless we receive evidence that Idaho school immunization requirements are met by 12/20/2016.

F	Reason	for Noncom	pliance:					
	□ No	Record						
2	⊴ Yo	ur child need:	s the following	g checked va	ccines ¹ :			
□ 1 st □ 2 ^{nt} □ 3 ^{nt} □ 4 th	Dose Dose Dose Dose Dose	☐ 3 rd Dose				Hepatitis A ☐ 1 st Dose ☑ 2 nd Dose	Tdap □ 1 st Dose	Mening ☐ 1 st Dose
	sp	your child needs edified above and rmitted to attend	d the Idaho Con	ditional Admissio	on to School form	n must be compl	eted. Your child	will be
	wit	your child alread th documentation s had chickenpo:	from your child					
Y	our im	mediate coop	eration is app	oreciated.				
1	Test Sch	lool				208-334-69	94	
S	chool					School Phone		
1	Mary Sm	ith, School Nur	se			12/01/2016		
S	chool Offi	cial				Date Sent		

Examples of IRIS Letters: Conditional Admission Forms

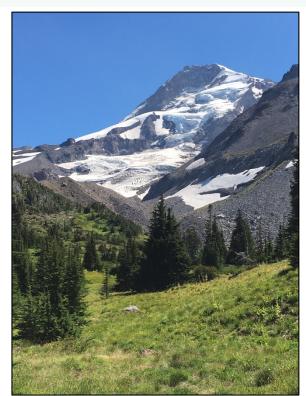
To be eligible for CONDITIONAL ADMISSION, a child must have received at least one dose of each required vaccine and currently be on schedule for subsequent immunizations.



IDAHO CONDITIONAL ADMISSION TO SCHOOL

Schedule of Intended Immunizations Form

SECTION 1: This section		ly be on schedule for subsequent im chool official. Sections 1 and 2 mu		
A. NAME OF STUDENT:	TEST, JOHNNY COND	DITIONAL	DATE OF BIRTH:	01 / 01 / 1997
B. VACCINES NEEDED:	Last	First Middle	_	Month/Day/Year
Check box(es) of MISSING required vaccines	Enter date of LAST dose received (mm/dd/yyyy)	Interval between doses		Enter due date of NEXT dose(s) (mm/dd/yyyy)
☑ Diphtheria, Tetanus,	Dose 1:	2nd dose: 4 weeks after 1st dose		Dose 2 due:
Pertussis (DTaP, DTP, DT, Td)	Dose 2:	3rd dose: 4 weeks after 2nd dose		Dose 3 due:
	Dose 3:	4th dose: 6 months after 3rd dose	,	Dose 4 due:
	Dosc 4:	5th dose: 5 months after 4th dose dose received on or after 4th k		Dose 5 due: 01/07/2013
□ Polio	Dosc 1:	2nd dose: 4 weeks after 1st dose		Dose 2 due:
	Dose 2:	3rd dose: 4 weeks after 2nd dose		Dose 3 due:
	Dose 3:	4th dose: 6 months after 3rd dose 4 years of age)	(and shild is at least	Dose 4 due:
☐ Measles, Mumps, Rubella (MMR)	Dose 1:	2nd dose: 4 weeks after 1st dose		Dose 2 due:
☐ Hepatitis B	Dose 1:	2nd dose: 4 weeks after 1st dose		Dose 2 due:
	Dose 2:	3rd dose: 8 weeks after 2nd dose weeks after 1st dose)	(and at least 16	Dose 3 due:
☐ Varicella	Dose 1:	2nd dose: 3 months after 1st dose		Dose 2 due:
☐ Hepatitis A	Dose 1:	2nd dose: 6 months after 1st dose		Dose 2 due:
ks the east one dose of each req		Inamo of school), I ce chedule for additional required immu admission form expires on:01	inizations. I will review	o weeks after earliest due date above).
child until all requirements Mary Smith, School Nurse Name of School Official (PRINT)	-	Signature of School Official		12_/06/2013 Date
Mary Smith, School Nurse		•		
Many Smith, School Nurse lame of School Official (PRINT) SECTION 2: This section as the parent/guardian of and I agree to have my ch	on is to be signed by par TEST, JOHNNY CONDI hild vaccinated as require of of the vaccines above a	entiguardian. TIONAL . I understand that my ched, meeting the deadlines stated aband that failure to do so will result in	ove. I also understan	base d school on a conditional basis d that it is my responsibility to



Oregon School Immunization and IIS Stacy de Assis Matthews, MPH







August 29, 2017







 Family Educational Rights and Privacy Act





- Family Educational Rights and Privacy Act
- Privacy law for education institutions receiving federal funding





 Consent required to release personally identifiable information





- Consent required to release personally identifiable information
- Exceptions:
 - 1. Directory information
 - 2. Health or safety emergency





Yes

View-only access

No

Adding historical information



Yes

- View-only access
- One-directional transfer

No

- Adding historical information
- Bi-directional transfer



Yes

- View-only access
- One-directional transfer

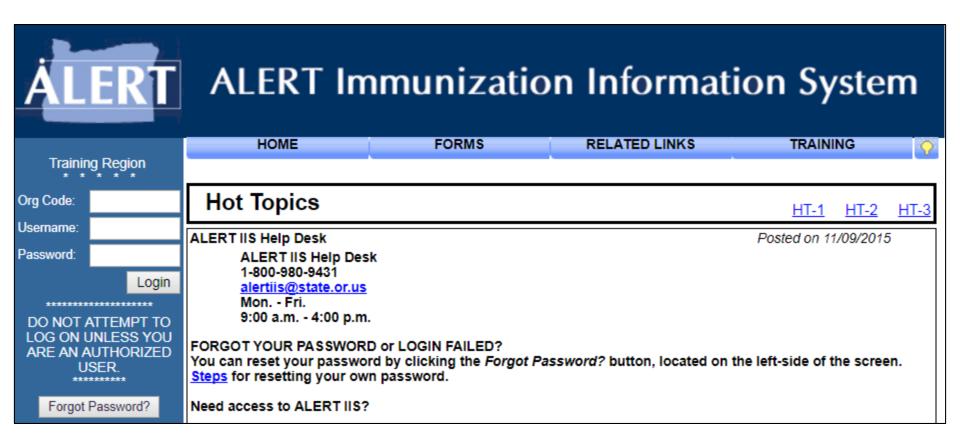
No

- Adding historical information
- Bi-directional transfer

This may differ from state to state!

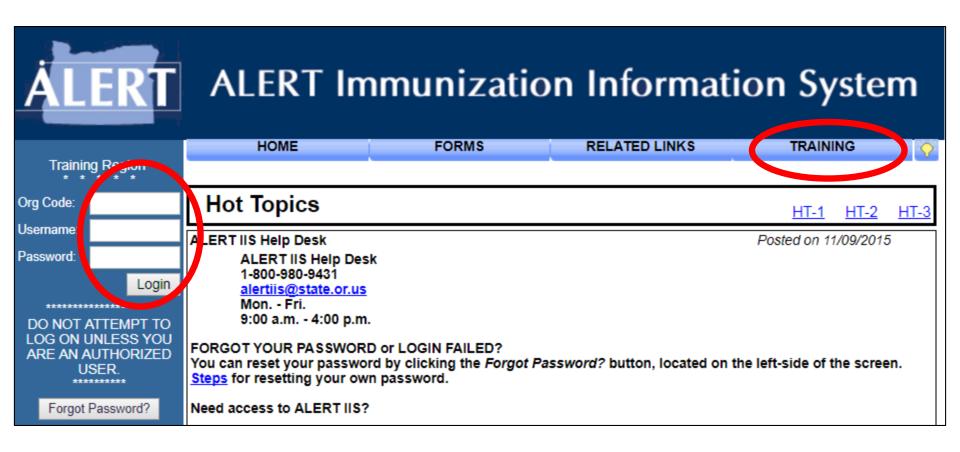


www.alertiis.org





www.alertiis.org



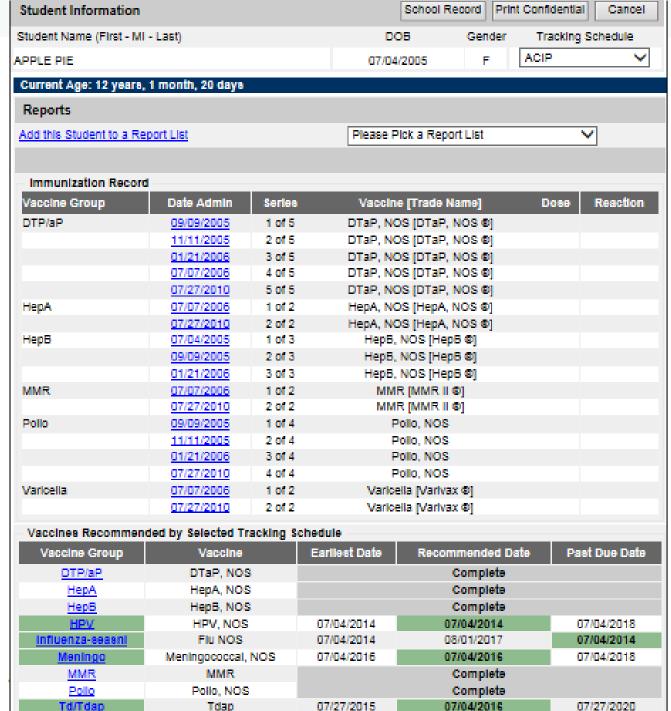




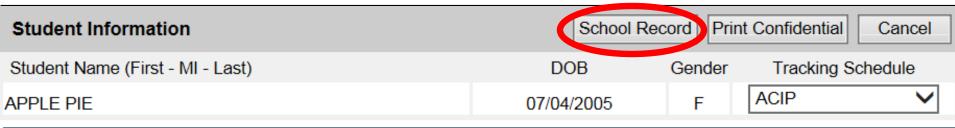


Search by Patient Minimum search criteria includes exact birth date and one additional field. Last Name Pi Mother's First Name Find First Name Phone Clear Middle Name * Birth Date 07/04/2005









Current Age: 12 years, 1 month, 20 days





Oregon Certificate of Immunization Status Oregon Health Authority, Immunization Program

Oregon law requires proof of immunization be provided or an exemption be signed prior to a child's attendance at school, preschool, child care or home day care. This information is being collected on behalf of the Oregon Health Authority immunization Program and may be released to the Authority or the local public health department by the school or children's facility upon request of the Authority. Please list immunizations in the order they were received.

PIE	APPLE			07/04/2005		
CHICA CARLING	First Primer Nombre		Middle Initial Segundo Nombre		Birthdate Fecha de Nacimiento	
	City Citedad		State Estado	Zip Code Codigo Postal		
Perents' or Quardiens' Names Nombre de los padres o guardian			Home Telephone Número de Teléfo			
Required Vaccines	Dose 1	Dose 2	Dose 3	D089 4	Dose 5	
Diphtheria/Tetanus/Pertussis (DTaP, Tdap, Td)	(mm/dd/yyyy) 09/09/2005	(mm/dd/yyyy) 11/11/2005	(mm/dd/yyyy) 01/21/2006	(mm/dd/yyyy) 07/07/2006	(mm/dd/yyyy) 07/27/2010	
Booster Dose Tdap						
Pollo (IPV or OPV)	09/09/2005	11/11/2005	01/21/2006	07/27/2010		
Varicella (Chickenpox) [VZV or VAR] Check here if child has had chickenpox disease (mm/dd/yyyy)	07/07/2006	07/27/2010				
Measies/Mumps/Rubella (MMR)	07/07/2006	07/27/2010				
Measies vaccine only						
Mumps vaccine only						
Rubella vaccine only						
Hepattis B (Hep B)	07/04/2005	09/09/2005	01/21/2006			
Hepatitis A (Hep A)	07/07/2006	07/27/2010				
Haemophilus Influenzae Type B (Hib) (Only children less than 5 years)						
	rmation is an ac	curate record of	this child's imm	unization history		

Signature"	Printed from Oregon ALERT IIS 08/24/2017	For school/facility use only
orginal C	Date	School/facility Name
Update Signature	Date	
	Date	Student ID Number
Update Signature ——		







Tracking Schedule

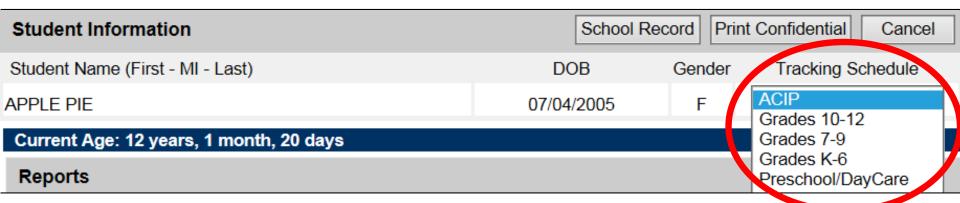
ACIP



Vaccines Recommended by Selected Tracking Schedule

Vaccine Group	Vaccine	Earliest Date	Recommended Date	Past Due Date	
DTP/aP	DTaP, NOS		Complete		
<u>HepA</u>	HepA, NOS	Complete			
<u>HepB</u>	HepB, NOS		Complete		
<u>HPV</u>	HPV, NOS	07/04/2014	07/04/2014	07/04/2018	
<u>Influenza-seasnl</u>	Flu NOS	07/04/2014	08/01/2017	07/04/2014	
<u>Meningo</u>	Meningococcal, NOS	07/04/2016	07/04/2016	07/04/2018	
MMR	MMR		Complete		
<u>Polio</u>	Polio, NOS		Complete		
Td/Tdap	Tdap	07/27/2015	07/04/2016	07/27/2020	
<u>Varicella</u>	Varicella		Complete		







Tracking Schedule

Grades 7-9



Vaccines Recommended by Selected Tracking Schedule

Vaccine Group	Earliest Date	Recommended Date	Past Due Date					
DTP/aP	Complete							
<u>HepA</u>	Complete							
<u>HepB</u>	Complete							
<u>Measles</u>	Complete							
<u>Mumps</u>	Complete							
<u>Polio</u>	Complete							
Rubella	Complete							
Td/Tdap	07/04/2016	07/04/2016	07/04/2016					
<u>Varicella</u>		Complete						















Washington Immunization Information System School Module

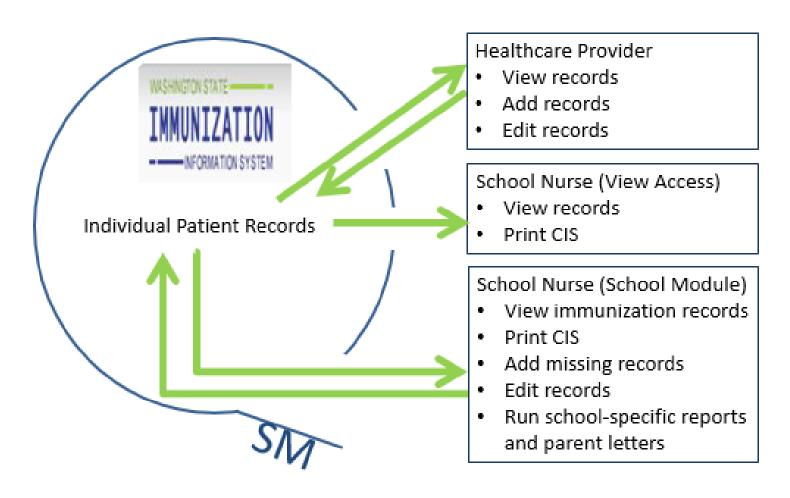
Ashley McHugh, MPH & Katherine Graff, RN, BSN Washington State Department of Health Office of Immunization and Child Profile





Washington Immunization Information System School Module

The School Module is a portal into the IIS that allows schools to access existing immunization records and manage student immunization data to conduct their immunization compliance work.



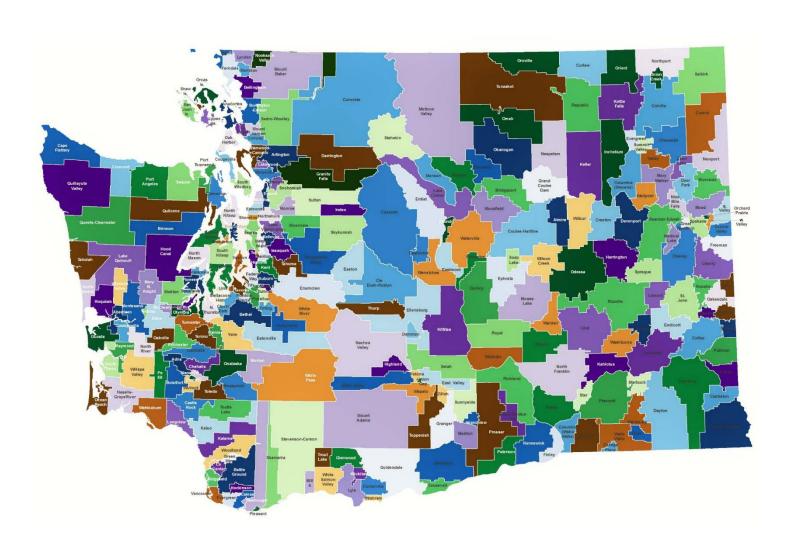


School Module Rollout

Three years to roll out the School Module statewide

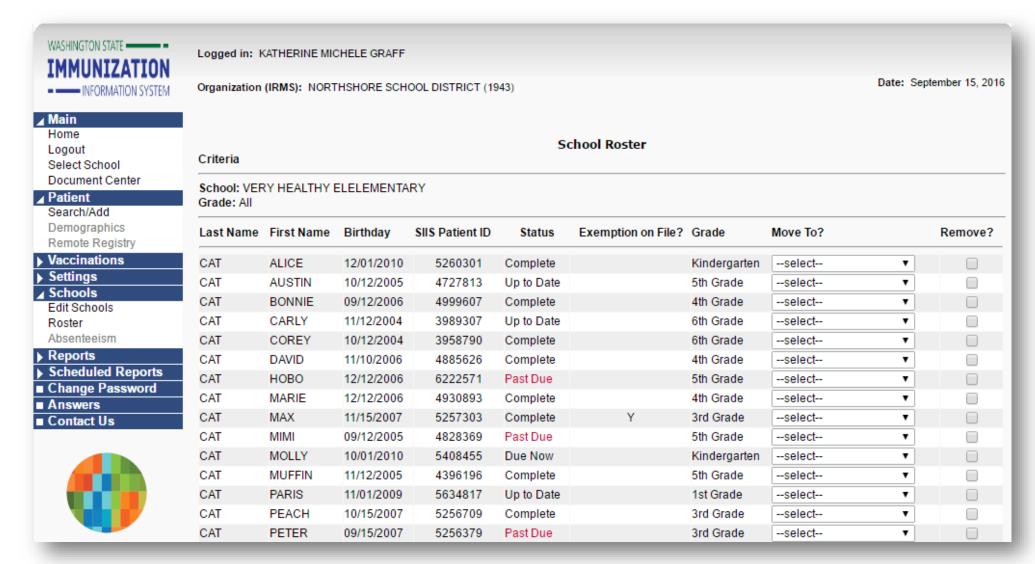
Number of School Districts:

- Approx. 318 public school districts
- –Approx. 537 private schools



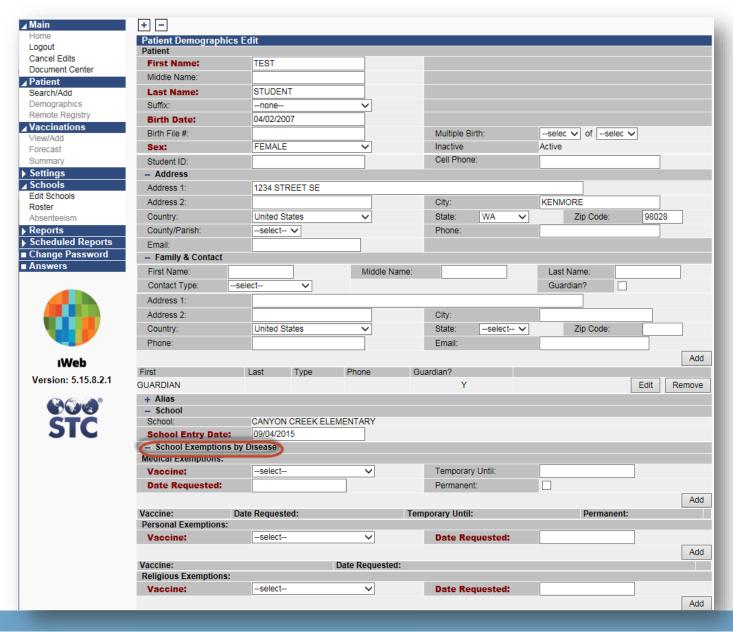


School Module Student Roster





School Module - Demographics and Exemptions



- Demographic and exemption information inputted by schools is confidential and can only be seen by school staff.
- School cannot see details of contraindications inputted by healthcare providers, except chickenpox history.



School Reports

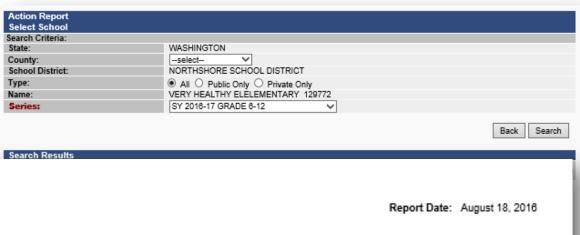


Several reports are available in the School Module. To be accurate all reports that calculate compliance need to be run with the appropriate grade or age series selected.



Action Report

This report lists students in *Out of Compliance* or *Conditional Status*



School Nurse Action Report									
Grades: Series Name:	VERY HEALTHY E 6th Grade SY 2016-17 GRADI DTap/Td: TDAP: 0 5 : 1 :	Report Date: August 18, 2016							
Student:		COREY CAT		Guardian:					
SIIS ID:		3958790		Date of Birth:	10/12/2004				
Grade Level:		6th Grade		Home Phone:					
Physician Name:				Physician Phone:					
Exemption on File?:				Record Found:	Υ				
/accine Family	Dose	Recommended Date	Minimum Valid Date	Status	Temp Exemption Exp Date				
Tdap	1st	10/12/2015	10/12/2015	Conditional					
Student:		SUSIE CAT		Guardian:					
SIIS ID:		4248670		Date of Birth:	12/12/2004				
Grade Level:		6th Grade		Home Phone:					
Physician Name:				Physician Phone:					
Exemption on File?:				Record Found:	Υ				
/accine Family	Dose	Recommended Date	Minimum Valid Date	Status	Temp Exemption Exp Date				
Гdар	1st	12/12/2015	12/12/2015	Conditional					
Grade Level	Total Patients		Total Vaccinations						
8th Grade		2		2					
Grand Totals		2		2					



HIPAA and **FERPA** Considerations

HIPPA

- Recognizes the need for public health authorities and others responsible for ensuring public health and safety to have access to protected health information to carry out their public health mission.
 - Washington State Health Care Information Act
 - Schools must have a school nurse or licensed healthcare provider to gain IIS access and must adhere to Confidentiality and Privacy Agreements.

FERPA

- Department of Health obtaining directory information from school districts
- Once an immunization record is provided to the school it is protected by FERPA
- Schools must get parent/guardian consent before entering data into the IIS (ex. missing immunization dates).



School Module Challenges, Barriers, and Limitations

- Limited immunization data in the IIS
- Parent reported immunizations
- Technological limitations
- Access for private schools and child cares without a healthcare provider
- Initial decrease in immunization compliance rates



School Module Feedback

- Two methods of collecting feedback:
 - –Focus Groups
 - -Survey
- Collected feedback on:
 - -System usability
 - Benefits and barriers
 - Training and resources
 - -Support



Themes:

- 1. Concerns with immunization records in the School Module
- 2. Gaps within the rules and policies surrounding the School Module
- 3. School Module user support
- 4. School Module technology



1. Concerns with immunization records in the School Module

Healthcare Provider Reporting

Obtaining Immunization Records

Impact on Compliance Numbers



- 2. Gaps within the rules and policies surrounding the School Module
 - Healthcare Provider Mandate
 - Exemptions
 - Parent Reported Records
 - HIPAA



3. School Module user support

- Satisfied with DOH and Help Desk support
- Training and Resources for School Module Users
- Communication and Outreach



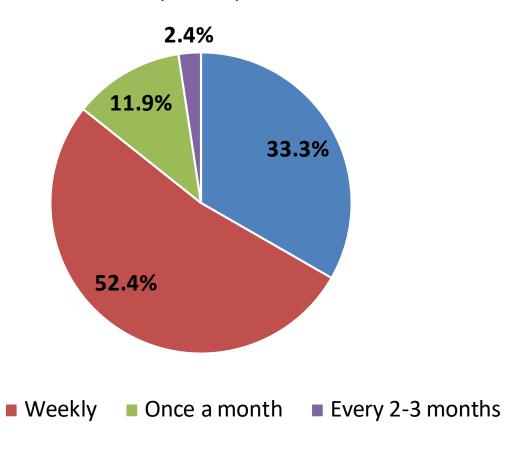
4. School Module technology

- Technology Enhancements
- System Functionality
- Technology Benefits



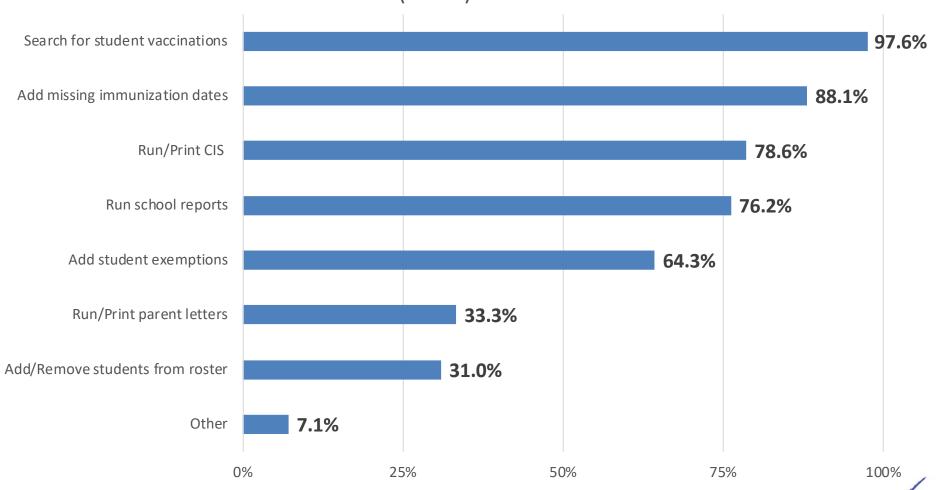
Frequency of School Module Use (N=42)

Daily

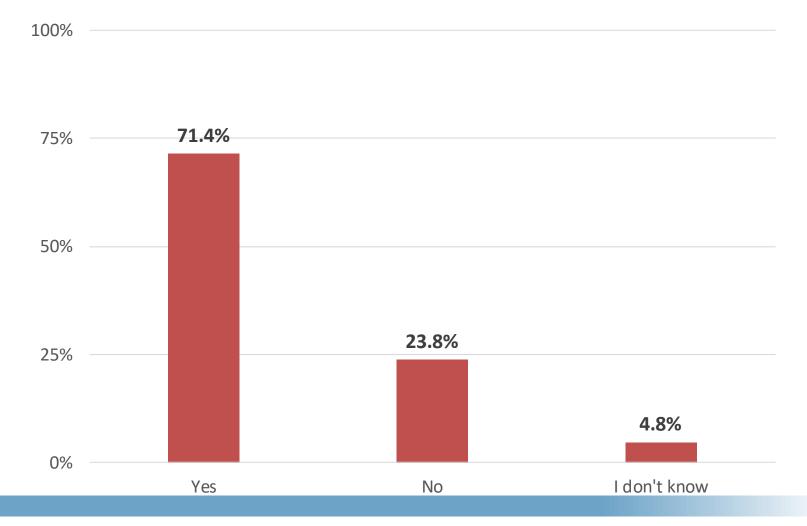




School Module Functionality Use (N=42)

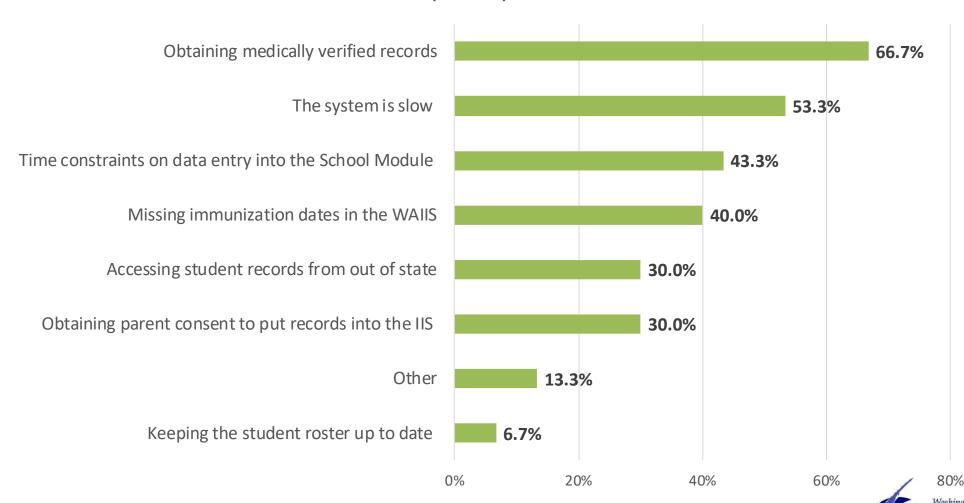


Have you experienced any barriers to using the School Module? (N=42)

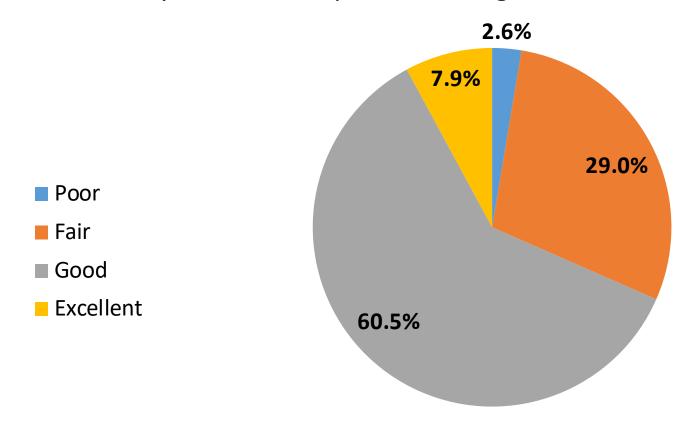




Barriers to Using the School Module (N=30)



Please rate your overall experience using the School Module. (N=38)





Moving forward....

Incorporating the feedback into the project:

- Sharing technology feedback with STC
- Working on rule changes with the School Team
- Increasing communication and outreach efforts to:
 - Local health jurisdictions
 - Healthcare providers
 - -School Module users
 - -School administrators



Immunization Validation Tool

- A Certificate of Immunization Status (CIS) is required for each child attending school or child care in Washington State
- Shows if a student is complete or not complete for school or child care entry.
- The IIS assesses each child's immunization record with:
 - –School requirements by grade
 - -Child care requirements by age





Rotavirus

Certificate of Immunization Status (CIS)

Office Use Only:
Reviewed by:
Signed Cert. of Exemption on file?

I yes No

For Kindergarten-12th Grade Entry

DOH 348-013 May 2016

Child's Last Name:	First Name:		Middle Initial:			Birthdate (MM/DD/YYYY):		Sex:	
CAT	DAVID		THE			11/10/2006			М	
I give permission to my child's school to share immunization information with the immunization information System to help the school maintain my child's school record.				I certify that the Information provided on this form is correct and verifiable.						
Parent/Guardian Signature Required			Date	Parent/Gu	Parent/Guardian Signature Required				Date	
Assessment of immunizations								me, address, p RNP or Health D	phone of qualificepartment):	ed healthcare
☐ A) Temporary Certificate – Expires ☐ B) Complete for SY 2016-17 GRADE K-5		PASS						11/02/2016 Date of Issue		
Vaccine	Date MM/DD/YY	Date MM/DD/YY	Date MM/DD/YY	Date MM/DD/YY		ate M/DD/YY	Date MM/DD/YY	Disease MM/DD/YY	Positive Titer MM/DD/YY	History MM/DD/YY
Required Vaccines for School Entry										
DTaP, DT (Diphtheria, Tetanus, Pertussis)	01/11/07	03/13/07	06/01/07	11/15/07	0	12/06/11				
Tdap (Tetanus, Diphtheria, Pertussis)										
Td (Tetanus, Diphtheria)										
Hepatitis B ☐ Check here if 11-15 years, 2-dose schedule used	11/10/06	12/12/06	06/01/07							
MMR (Measles, Mumps, Rubella)	12/01/07	02/06/11								
IPV or OPV (Polio)	01/11/07	03/13/07	06/01/07	02/06/11						
Varicella (Chickenpox)	11/01/16									
Recommended Vaccines										
Hepatitis A										
Hib (Haemophilus Influenzae type B)	01/11/07	03/13/07								
HPV (Human Papilloma Virus)										
Influenza										
MCV, MPSV (Meningococcal)										
PCV, PPSV (Pneumococcal)	01/11/07	03/13/07								

Immunization Validation Tool Challenges, Barriers, and Limitations

- Compliance programming challenges
 - -Conditional Status
 - –Catch-up schedules

- Information missing in the IIS
 - -Historical immunization dates
 - -Titers and contraindications





Ashley McHugh, MPH & Katherine Graff, RN, BSN

Washington Department of Health

Office of Immunization and Child Profile

Email: SchoolModule@doh.wa.gov

Visit www.doh.wa.gov/schoolmodule for more information!



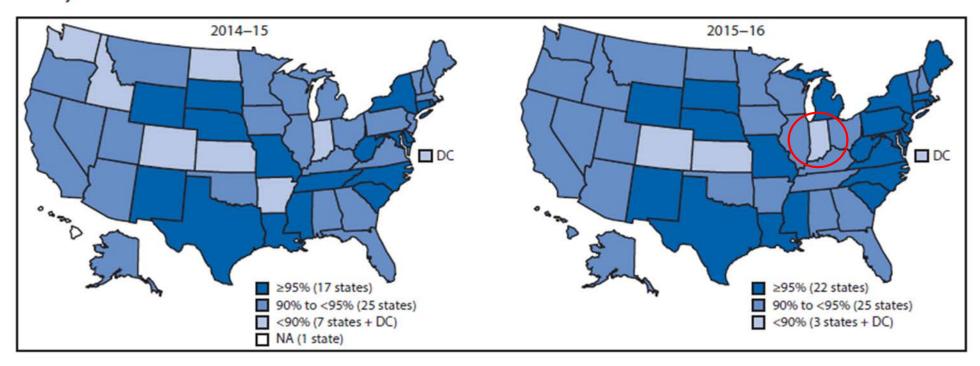
SIS & IIS INTERFACE PROJECT

INDIANA CODE 20-34-4-6

Collection of immunization data

Sec. 6. (a) The state department of health shall collect immunization data on school age children using the state immunization data registry. Each school corporation shall ensure that all applicable immunization information is complete in the state immunization data registry not later than the first Friday in February each year. The state department of health shall use the data to create aggregate reports.

FIGURE. Estimated measles, mumps, and rubella vaccine (MMR) coverage among kindergartners — United States, 2014–15 and 2015–16 school years*,†,§

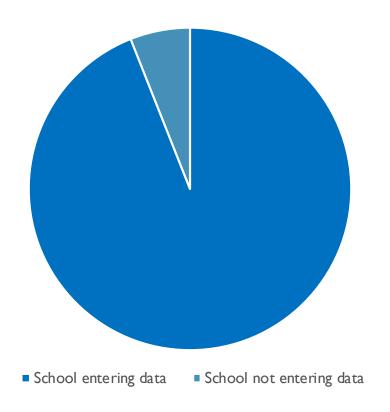


^{*} In 2014–15, most states required 2 doses of MMR. Alaska, California, New Jersey, and Oregon required 2 doses of measles, 1 dose of mumps, and 1 dose of rubella vaccines. Georgia, New York, Pennsylvania, and Virginia required 2 doses of measles and mumps, 1 dose of rubella. lowa required 2 doses of measles and 2 doses of rubella vaccines. New York required 2 doses of measles and mumps and 1 dose of rubella vaccine by age 7 years, but reported ≥1 doses of MMR.

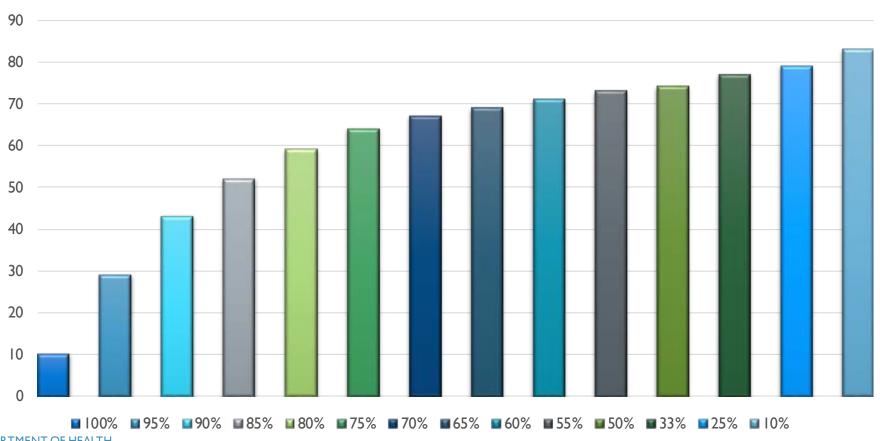
[†] For 2014–15, Hawaii is excluded from the map because it reported compliance, rather than coverage.

For 2015–16, most states required 2 doses of MMR. Alaska, California, New Jersey, and Oregon required 2 doses of measles, 1 dose of mumps, and 1 dose of rubella vaccines. Georgia, New York, New York City, North Carolina, Pennsylvania, and Virginia required 2 doses of measles and mumps, 1 dose of rubella vaccines. Iowa required 2 doses of measles and 2 doses of rubella vaccines.

SCHOOL IMMUNIZATION DATA IN CHIRP



PERCENTAGE OF STUDENTS IN CHIRP



SCHOOL IMMUNIZATION DATA PROJECT

What did we find?

- 65% of all kindergarteners are in CHIRP
- Of the results in CHIRP, only 51% are fully vaccinated per ACIP recommendations
- Less than 2% have medical exemptions or religious objections
- Hepatitis A and B are the two lowest vaccines
 - Minimal intervals
- Varicella and Polio are below 60%

ROOT CAUSE ANALYSIS

- Indiana Code required school nurses to enter information in immunization information system (IIS)
 - No quality assurance or enforcement
- School corporations required school nurses to enter information in the school information system (SIS)
 - Immunizations are required for school transcripts being generated through the SIS
- Duplicate data entry/competing priorities
- Multiple systems did not talk to each other

SIS INTERFACE WITH IIS PROJECT

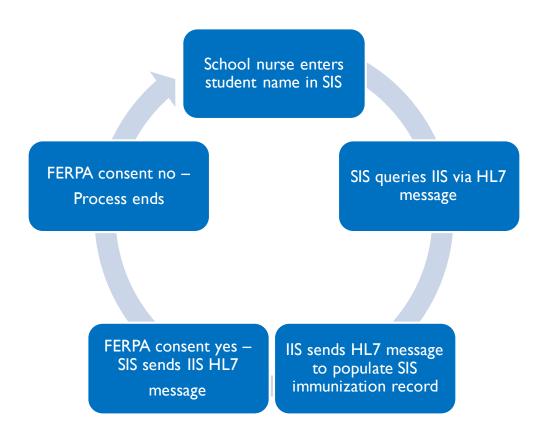
- Challenge: Reduce de-duplicate of vaccination records into School Information Systems (SIS) and Indiana's Immunization Registry (known as CHIRP).
 - Help schools comply with state legislation
- Solution: Offer \$25,000 grants to several SIS vendors to create a bidirectional interface between SIS and CHIRP.
- Results: Three SIS (PowerSchool, Harmony-Logickey, Skyward) successfully completed the creation of a bi-directional feed.

SIS INTERFACE WITH IIS PROJECT

Scope:

- Electronic reporting of school immunization data to CHIRP via HL7
 - Includes sending patient grade level information and fields defined in the school data
- Bi-directional messaging
 - Pulling student history back to CHIRP from SIS

IIS/SIS INTERFACE



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- An email with a link to the evaluation will be sent out following the webinar.