

S.I.M.P.L.E

School Immunizations Managed, Produced
& Listed Electronically

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San Diego Immunization Partnership

www.sdiz.org

San Diego County, Health and Human Services

Immunization Partnership



Background*:

2017 Education and Child Care sites

- 7-12th Grade Public School & Private Schools = 528
- Kindergarten Public & Private Schools = 640
- Public School Districts = 42
- Child care programs including head start programs in San Diego County = 847
- County Program/Juvenile Services = 2

*2011/2012 school year



Background

- Prior to 2009, it was estimated that San Diego county child care providers, schools, Head Starts, etc were unable to quickly assess a child's immunization record for registration.
- 2009/2010 San Diego County implemented a marketing campaign to school districts
- During Immunization Requirements trainings, Immunization staff marketed the ease of the San Diego Immunization Registry (SDIR).
- Schools saw the immediate benefit of SDIR, which allowed them quick review of immunization records, the ability to generate documentation, and a child's status prior to student enrollment!

Setting:

- Immunization Branch staff had developed strong relationships with local schools and child care facilities.
- Immunization Branch staff did not limit who could use SDIR to allow for university programs and private child cares to use the program
- All sites were trained in both IZ requirements for school entry and how to use SDIR to quickly assess a child's immunization status against the State Immunization Requirements.

Method

- Immunization Program staff completed several trainings on SDIR during which time they gathered feedback from users on registry improvements
- Immunization staff worked closely with the Registry Manager and SDIR software developer to modify the registry to meet the needs of school and child care facilities.
- SDIR features were enhanced with the options of uploading school rosters and modifying reports to meet the State immunization requirement
- School and child care staff were trained on Roster reports, Reminder Recall and Missing Immunization Reports.

Method

- District staff first used the roster report to assist in the implementation of Tdap requirements by completing roster reports or Missing Immunization reports for all 7th -12th grade students.
- School staff used SDIR to document students' personal belief, and permanent and temporary medical exemptions (PBE, PME, TME) status
- District staff were able to print a California School Immunization Record (CSIR) from the registry for ALL students in their district

Result

- 2010 to 2012 over 800 school and child care staff had been trained to use the registry.
- District staff used the missing immunization report to follow-up with kinders and the 7th – 12 graders for Tdap compliance
- At the end of 4 months, San Diego County's largest school district had a compliance rate of 100% for Tdap coverage
- Tdap coverage was 97% (waivers = 2.8%)

Missing Immunization Report

Detail List of Missing Immunizations

Source Name:

Facility Name:

Run By: Jennifer Sterling

Date Run: 3/15/2012 08:25:53

Reported Facilities: 5172 -

Age: Age From: 12 To: 15 years

As Of Date: Age As Of: 03/14/2012

Primary Criterion: overdue

Shortage Vaccine Group(s) to Exclude: POLIO DTP MMR HIB HEP B VARIC HEP A Influenza PNEUMO Rota_Virus

Include Only Patients w/Invalid Doses: Y

Include Inactive Records: Y

Include One-time Immunizations: Y

Ipid	592810	DoB	05/30/1998	DION, CELENE CELESTE
Td[Tdap] 1				
Ipid	592863	DoB	01/20/2000	DION, CELINE MAY
Td[Td] 1				
Ipid	592199	DoB	02/14/2000	DIONE, CELINA BEA
Td[Tdap] 1				
Ipid	592178	DoB	10/07/1997	DUC, DAI
Td[Td] 1				
Ipid	592197	DoB	07/18/1999	DUC, DAIZEE MOUSE
Td[Td] 1				
Ipid	592158	DoB	09/14/1998	DUCK, DAISIE DONELLA
Td[Tdap] 1				
Ipid	592666	DoB	09/14/1998	DUCK, DAISIE DONELLA
Td[Td] 1				
Ipid	592177	DoB	10/04/1997	DUCK, DAISLY ELIZBETH
Td[Td] 1				

Result

- Using SDIR not only produced accurate immunization information but provided required documentation such as PM286 and waiver status
- Saved district staff time transcribing to a CSIR
- Over 800 staff in both public and private schools were trained in the 2010/2012 school year resulting in positive feedback 98% of the time

SDIR Created CSIR – Blue Card

SDIR Generates the Form PM 286 s
(required sticker)

Tdap (Pertussis Booster) Requirement

Date of Tdap Immunization 11 / 29 / 2007
 Birthdate 11 / 12 / 1994
DD MM YYY
 Tdap was given on or after 7th birthday. (This does not meet requirement.)
 Medical exemption from physician on file.
 Tdap personal belief exemption affidavit from parent/guardian on file.
 School Name _____
 Study Date: 03/15/2012
 Student Name: DION, CELEEN
NOVA 03-12

CALIFORNIA SCHOOL IMMUNIZATION RECORD

This record is part of the student's permanent record (cumulative folder) as defined in Section 49068 of the Education Code and shall transfer with that record. Local health departments shall have access to this record in schools, child care facilities, and family day care homes.

This record must be completed by school and child care personnel from an immunization record provided by parent or guardian. See reverse side for instructions.

Student Name DION, CELEEN Sex: M F Birthdate 11/12/1994 Place of Birth United States
 Name of Parent or Guardian REGOTTAZ, FRENCH Race/Ethnicity: _____ Address: _____
 Telephone _____ City _____ ZIP _____
 White, not Hispanic
 Hispanic
 Black
 Other: Unknown

VACCINE	DATE EACH DOSE WAS GIVEN					
	1st	2nd	3rd	4th	5th	Booster
POLIO (OPV or IPV)	01/15/1995	06/20/1996	08/28/1999	02/19/2008		
DTP/DIaP/DI/Td (Diphtheria, tetanus and (acellular) pertussis OR tetanus and diphtheria only)	01/20/1995	07/24/1995	08/01/1995	12/01/1995	08/28/1999	
MMR (Measles, mumps, and rubella)	12/01/1995	11/14/1999				
HIB (Required only for child care and preschool)	04/11/1995	07/24/1995	11/01/1995			
HEPATITIS B	04/11/1995	07/24/1995	08/28/1999			
VARICELLA (Chickenpox)	Had Disease					
HEPATITIS A (Not required)	05/05/2003	01/20/2008				

TB SKIN TESTS	Type*	Date given	Date read	mm Indur	Impression	CHI
	<input type="checkbox"/> PPD-Mantoux <input type="checkbox"/> Other				<input type="checkbox"/> Pos <input type="checkbox"/> Neg	Phys date: _____ Person ID# _____
	<input type="checkbox"/> PPD-Mantoux <input type="checkbox"/> Other				<input type="checkbox"/> Pos <input type="checkbox"/> Neg	

*If required for school entry, use the Mantoux unless exemption granted by local health department.

SDIR →
generates
waiver status

I. DOCUMENTATION

I certify that I reviewed a record of this child's immunizations and transcribed it accurately:
 Date _____
 Staff Signature _____

Record Presented was:

Yellow California Immunization Record
 Out-of-state school record
 Other immunization record
 Specify: SDIR
II. STATUS OF REQUIREMENTS
 A. All Requirements are met.
 Date: / /
 B. Currently up-to-date, but more doses are due later. Needs follow-up.
 Exemption was granted for:
 C. Medical Reasons—Permanent
 D. Medical Reasons—Temporary
 E. Personal Beliefs
III. 7th GRADE ENTRY
 A. All Requirements are met.
 Name: _____ Date: _____
 B. Currently up-to-date, but more doses are due later. Needs follow-up.
 Name: _____ Date: _____

Result – S.I.M.P.L.E

Schools using an immunization registry can save a measurable amount of time

Immunization status of a student is quick and accurate

Managing “conditional entrants” through a registry is an efficient way to handle students with vaccines that are due

Producing immunization records such as a CIR for parents or the CSIR for folders can be time saving

Listing the immunizations students need or exempting against allows for quick action in case of outbreak

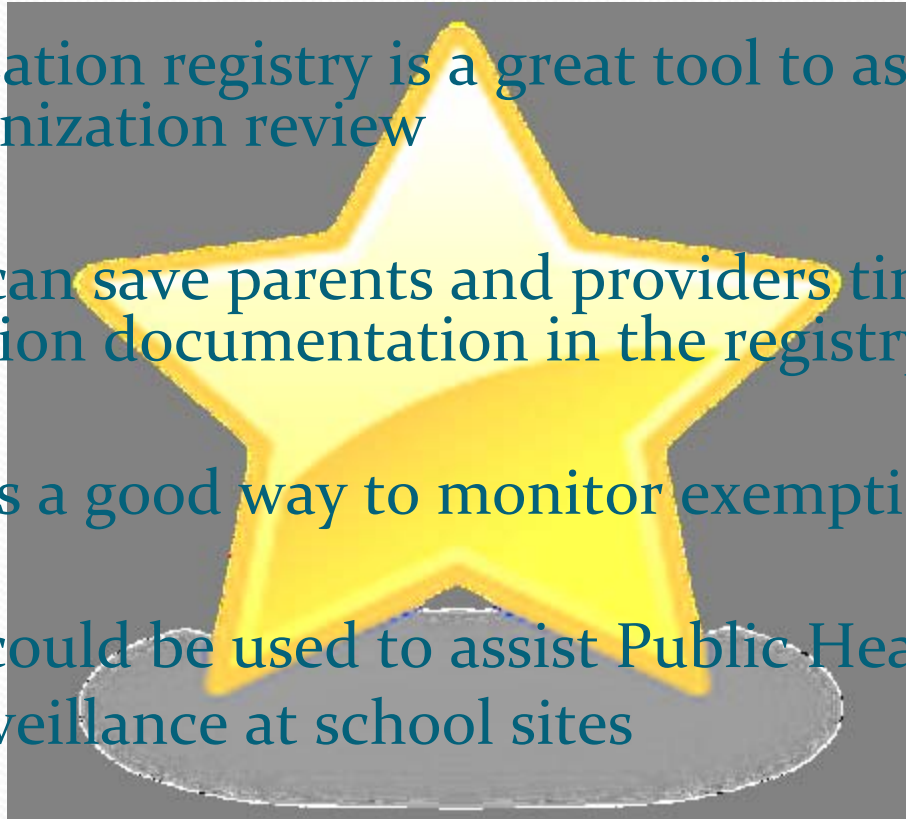
Electronic records are the way of the future – it’s not just for medical providers anymore

Lessons learned

- Training staff can be time consuming
- Traditional hands-on training will not meet future demand
- Innovative training methods need to be developed utilizing new technology such as WebEx
- Tools need to be developed to assist District Administrators to understand the benefits of the registry
- Districts that have electronic systems are hesitant to give up their own systems for the registry

Conclusion

- A immunization registry is a great tool to assist schools with immunization review
- Registries can save parents and providers time with immunization documentation in the registry
- A registry is a good way to monitor exemption rates
- A registry could be used to assist Public Health in disease surveillance at school sites
- A registry can save time and resources.



Financial Disclosure

I have no relevant financial relationships with the manufacturer(s) of any commercial product(s) and/or providers of commercial products or services.

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