



Web Based Immunization Reports for Public Health Programs

August 15, 2018

AIRA 2018 National Meeting

Salt Lake City, Utah

KIDSNET Background



- Integrated child health information system
- State Confidentiality laws allow for sharing to coordinate care
- Web access limited based on roles

KIDSNET Vision



All RI children receive appropriate and timely preventive healthcare as a result of access to and utilization of comprehensive data on preventive health services by authorized users.

KIDSNET Data Contributors



Newborn Screening

Hearing, Bloodspot, CCHD

Immunization Providers

Lead Program

Early Intervention

Developmental Screening

Head Start

RI Department of Education

Foster Care

Vital Records

Diagnostic Follow-up Clinics

Family Visiting Programs

WIC

Asthma

Birth Defects

Cedar Family Centers

Oral Health

Insurers

Additional Data Users



- Maternal and Child Health Programs
- Schools
- Child Care
- Academic Research Partners
- Managed Care Organizations

Immunization Web Screen



Child Information -04/30/2018			
Name: NEMO X BEST		KIDSNET ID: 7345193	
Date Of Birth: 09/14/2010	Age: 7y 7m	Gender: MALE	
KIDSNET Status: ACTIVE	PCP: TEST PEDIATRIC PRACTICE		
Parent/Guardian: STU PICKLES		Date of birth: 01/01/1970	
School Requirements: K: 7th: 8th: 9th: 12th:			
(as of 8/1/2017)			

[Change Immunization History](#)

Valid Doses	1	2	3	4	5	NEXT DUE
Hepatitis B 3 valid doses	09/16/2010 HepB ped/adol 0m 2d	11/16/2010 DTaP-HepB- IPV 2m 2d	02/08/2011 DTaP-HepB- IPV 4m 25d	04/12/2011 DTaP-HepB- IPV 6m 29d		End of Series Reached
DTaP 3 valid doses	11/16/2010 DTaP-HepB- IPV 2m 2d	02/08/2011 DTaP-HepB- IPV 4m 25d	04/12/2011 DTaP-HepB- IPV 6m 29d			See Tdap Below
Pneumo 3 valid doses	11/16/2010 Pevnar 13 2m 2d	02/08/2011 Pevnar 13 4m 25d	04/12/2011 Pevnar 13 6m 29d			Childhood Series Complete
Polio 3 valid doses	11/16/2010 DTaP-HepB- IPV 2m 2d	02/08/2011 DTaP-HepB- IPV 4m 25d	04/12/2011 DTaP-HepB- IPV 6m 29d			Past Due Dose 4
Hib 2 valid doses	11/16/2010 Hib PRP-T 2m 2d	02/08/2011 Hib PRP-T 4m 25d				End of Series Reached
Rotavirus 3 valid doses	11/16/2010 Rotateq 2m 2d	02/08/2011 Rotateq 4m 25d	04/12/2011 Rotarix 6m 29d			End of Series Reached
MMR 0 valid doses	09/08/2011 MMR/V 11m 25d					Past Due

Provider Reports



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[User Management](#)

[User Profile](#)

Practice Reports

[Forms & Resources](#)

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[SSV Practice Menu](#)

Practice Reports

Practice Reporting Menu

Available Reports

1. [Patient List Report](#)
2. [Developmental Screening - Due Now Report](#)
3. [Lead Screening Report - Children Without a Lead Screening](#)
4. [Lead Screening Report - Children Due for Second Lead Screening](#)
5. [Lead Report - Children with results \$\geq\$ 5ug/dl](#)
6. [School Eligible Report](#)
7. [Immunization Report](#)
8. [Newborn Hearing Screening Report](#)
9. [Newborn Summary Report](#)
10. [Immunizations Submitted to KIDSNET By Other Providers](#)
11. [Immunization Coverage Report](#)

Seasonal Reports

[Seasonal Influenza - Children Due For Shot #1 Report](#)

[Seasonal Influenza - Children Due Now or Due Soon For Shot #2 Report](#)

Expanding Access: From Screens to Reports

- Schools
- Family Visiting Agencies
- Early Intervention Programs
- WIC
- Cedar Family Center
- Head Start

Brought to you by the Immunization Ambassadors community
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"I know this seems tedious and out of date, but it's just how we've always done it."

From PAIS to Enrollment Status



- Schools – Monthly roster data - RI Department of Education
- Data files indicating child enrollment by Agency
 - Family Visiting Agencies
 - Early Intervention Programs
 - WIC
 - Cedar Family Center
 - Head Start

Linking Users to Reports



- Agreements by User Groups
- Link User Groups to Agencies
- Limit Report Access by Agency

Provider Report Access Expanded



- Patient List Report
- Lead Screening Report – Children Without a Lead Screening
- Lead screening Report – Children Due for Second Lead Screening
- Lead Report – Children with results $\geq 5\text{ug/dl}$
- Immunization Report
- Newborn Hearing Screening Report
- Newborn Summary Report
- Seasonal Influenza Reports (2)

Agency Immunization Report



Head Start Reports-Immunization

[Download Report \(CSV\)](#)

Report Criteria: **Friday, May 04, 2018 02:36:14 PM**

Agency Id: **1**

Agency: **XYZ HEADSTART AGENCY**

All Ages Reported

Individuals must be less than 19 years of age to appear on this report.

Vaccine Groups Selected: **HepB, DTaP/Tdap, Pneumo, Polio, Hib, Rotavirus, MMR, Varicella, HepA, Mening, MeningB, HPV, FLU,**

Immunization Report-Children who Appear to be Past Due Or Missing Immunizations

**** This Person lives outside of RI, contact KIDSNET if this is incorrect.**

Child Name	Date Of Birth	KIDSNET Id	Vaccine Groups Overdue
1. SNEEZY D ARAGOM	02/22/2009	6124286	HepA
2. KING J COLE	08/05/2012	7551390	Polio HepB DTaP/Tdap Varicella MMR
3. APPLE J CORE	09/07/2011	7547051	Varicella DTaP/Tdap HepA MMR HepB Polio
4. SPRING DAY	08/01/2006	7528653	HepB DTaP/Tdap MMR Polio Varicella


Access Expanded – New Reports/Screen





- WIC Agency
 - Lead Screening Indicator on Immunization page
- Schools
 - Immunization Compliance - Aggregate
 - Immunization Compliance – Student List
- Head Start
 - WIC
 - Lead reports

New Immunization Screen - WIC





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[Lead Poisoning](#)
[Early Intervention](#)
Immunization
WIC
Hearing Assessment

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Search	
Enter KIDSNET ID: <input type="text"/>	LookUp WIC : <input type="text"/>

Child Information -02/09/2018	
Name: TOM A CAT	KIDSNET ID: 7555444
Date Of Birth: 02/16/2014	Age: 3y 11m Gender: MALE
KIDSNET Status: ACTIVE	PCP: HASBRO CHILDREN HOSP PRIMARY CARE
Parent/Guardian: SKINNY CAT	Date of birth: 05/23/1992

School Requirements: K:  7th:  8th:  9th:  12th: 
(as of 8/1/2017)

WIC Lead Screening: Screen Now

Valid Doses	1	2	3	4	5	NEXT DUE
Hepatitis B	02/18/2014	04/15/2014				Past Due Dose 3
2 valid doses	HepB ped/adol 0m 2d	DTaP-HepB- IPV 1m 30d				
DTaP	04/15/2014					

New Reports Schools - Aggregate



PLAY

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School Nurse Reports

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School Nurse Reports

District New Shoreham

School

Requirements

Grade

(for school year 2017-2018)

Vaccine Group

[\(Reset Vaccine Group\)](#)

Status

Report Date 04/30/2018

Type of Report [Aggregate](#) or [Student List](#)

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Compliance Status	Number of children	Percent of children
Requirement not met	74	61.67
KIDSNET data not available	9	7.50
Met requirements	37	30.83
	120	

Requirement Not Met



- Children who have data missing in KIDSNET
- Children who are missing required immunizations
- Children with medical exemptions
- Children with religious exemptions

KIDSNET Data Not Available



- Enrollment information from Department of Education
 - Unable to match with KIDSNET name/DOB
 - Child is not in KIDSNET
- Child is Blocked
 - Parental request to block
 - Unable to provide notification

KIDSNET School Data Release



Permission to provide information to KIDSNET

KIDSNET is a Department of Health information system containing healthcare information, including immunization and lead screening records. The information is shared with authorized healthcare professionals like school nurses and doctors to help assure that children are up to date on immunizations and other preventive health services. Signing this form gives your school nurse permission to share your address and/or immunization information with KIDSNET to help coordinate your health care and assure you have met the immunization requirements for school entry.

I, _____, hereby consent and grant to
(name)
_____ permission to provide
(name of school)

(check all that apply)

_____ Address

_____ Immunization information

to the Rhode Island Department of Health, KIDSNET Program, 3 Capitol Hill, Providence, RI 02908
for the purpose of health care coordination, including correspondence with parents or guardians and
assuring that all healthcare providers responsible for verifying immunization status have complete
and accurate information:

Student Name: _____

Mailing Address: _____

In signing this consent form, the student and/or the student's parent or legal guardian agrees to permit
the release of these records.

Signature of Parent/legal Guardian
(for students under age 18)

Signature of Student
(for students 18+ years of age)

New Report Schools – Student List



[Search](#)

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[User Management](#)

[User Profile](#)

[Forms & Resources](#)

School Nurse Reports

[KIDSNET Help](#)

[Logoff](#)

School Nurse Reports

District New Shoreham

School

Requirements

Grade

(for school year 2017-2018)

Vaccine Group

[\(Reset Vaccine Group\)](#)

Status

Report Date 04/30/2018

Type of Report [Aggregate](#) or [Student List](#)

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School : Block Island School, Grade : 07

Name	DOB	KN ID	PCP	PCP Phone	STATUS
ARTHUR , WART	03/07/2005	506527	WAKEFIELD PEDIATRICS	4017838008	Not met (VZV); Met (HepB, MMR, Polio, DTaP)
BABA, ALI	06/13/2005	607290	NARRAGANSETT BAY PEDIATRICS	4017895924	Not met (none); Met (HepB, MMR, Polio, VZV, DTaP)
CRICKET, JIMMY	03/06/2005	505587	BLOCK ISLAND MEDICAL CENTER	4014662975	Not met (HepB, VZV, DTaP, MMR, Polio); Met (none)
KIDS, SUNDANCE	10/07/2003	1375664	BLOCK ISLAND MEDICAL CENTER	4014662975	Not met (HepB, VZV, DTaP, MMR, Polio); Met (none)
STRIDE, DAVID	11/10/2004	424834	SOUTH COUNTY PEDIATRIC GROUP	4017896402	Not met (HepB, MMR, Polio, VZV, DTaP); Met (none)

Benefits of Expanded Access



- Allows agencies to monitor primary care service delivery
- Engages partners in disease prevention/immunization efforts
- Improves care coordination
- Provides lists of children out of compliance
- Improves follow-up
- Schools – school regulation enforcement
- Schools – assist with survey response

Ongoing Report Development



- New Provider Reports – Released this month
 - New Provider list
 - Separate AFIX patient DOB parameters
 - Patient Active/Inactive status update
 - AFIX – noncompliance listings
- Private/Religious school reports – in development
- Newborn screening reports – linkage to PCP prior to immunization – in development
- Lead report data for schools - planned



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