Leveraging an IIS to Assist Child Care Centers with their Annual Immunization Report

Sydney Kuramoto, MPH
2016 AIRA National Conference

MDH Minnesota
Department *of* Health
MINNESOTA IMMUNIZATION INFORMATION CONNECTION

Background

Child Care Centers

- 1,600 Minnesota Department of Human Services (DHS) Rule 3 child care centers

- Minnesota Statute (Section 121A.15) requires annual immunization report to Minnesota Department of Health (MDH)

MDH

MIIC

Annual Immunization Report

2015 Child Care Immunization Report

Name of center: Address: City, state, ZIP:	Corrections to mailing label:	
Person completing report:	Phone number (xxx-xxx-xxxx):	DHS License #:
Title:	Center or Director email address:	

Keep a copy for your records.

Complete the following information for all children enrolled in the facility who are 3 months of age or older.

Fill in the number of children who have received vaccine doses or have provided an exemption for each age group and vaccine (CO=conscientious exemption, ME=medical exemption).

Children who have exemptions on file should be counted in the CO or ME columns regardless of the number of vaccinations they have received.

Children who "Meet Requirements" have received all of the required vaccinations based on their current age as of October 1, 2015. (See *Minimum Immunization Requirements for Child Care* handout.)

Children who are "In Progress" have received at minimum 1 dose of vaccine and are in the process of completing the required vaccine series.

The total column for each vaccine should equal the total number of children enrolled for that age group (see example at the top of the chart).

Age Group	Number of Children Enrolled	Hepatitis B						Diphtheria, tetanus, pertussis (DTP, DTaP)						Polio (IPV or OPV)						Pneumococcal conjugate vaccine (PCV)						Haemophilus influenzae type b (Hib)						Measles, mumps, rubella (MMR)						Varicella (Chickenpox)[2]							Hepatitis A					
		No doses	In progress	Meets requirement	Exempt[1] CO	ME	Hepatitis B Total	No doses	In progress	Meets requirement	Exempt[1] CO	ME	DTaP Total	No doses	In progress	Meets requirement	Exempt[1] CO	ME	Polio Total	No doses	In progress	Meets requirement	Exempt[1] CO	ME	PCV Total	No doses	Meets requirement	Exempt[1] CO	ME	Hib Total	No doses	Meets requirement	Exempt[1] CO	ME	MMR Total	No doses	History of disease	Meets requirement	Exempt[1] CO	ME	Varicella Total	No doses	Meets requirement	Exempt[1] CO	ME	Hepatitis A Total
EXAMPLE: 24 months to first day of kindergarten	15	1 +	3 +	10 +	1 +	0 =	15	2 +	5 +	7 +	1 +	0 =	15	0 +	5 +	9 +	1 +	0 =	15							10 +	3 +	1 +	1 =	15	2 +	11 +	1 +	1 =	15	0 +	5 +	10 +	0 +	0 =	15	3 +	10 +	1 +	1 =	15
3 through 4 months (birth dates May 2, 2015 - July 1, 2015)						=						=						=						=					=					=												
5 through 6 months (birth dates March 2, 2015 - May 1, 2015)						=						=						=						=					=					=												
7 through 15 months (birth dates June 2, 2014 - March 1, 2015)						=						=						=						=					=					=												
16 through 23 months (birth dates Oct. 2, 2013 - June 1, 2014)						=						=						=						=					=					=		+	+	+	=						
24 months to first day of kindergarten (birth dates Oct. 1, 2013 and earlier)						=						=						=						=					=					=		+	+	+	=					=	

[1] Children who are exempt must have a statement on file in accordance with MS121A.15.

[2] If a child has already had chickenpox disease, varicella shots are not required. If disease occurred after September 1, 2010, the child's doctor must sign a form. Children with a history of chickenpox should be counted in the "History of Disease" column.

I hereby certify that the information provided is complete and accurate to the best of my knowledge.

_____

Administrator Signature   Date

Return completed form by December 1, 2015 to:
Minnesota Department of Health
Immunization Program / Attn: CJ Olson
P.O.Box 64975
St. Paul, MN 55164-0975
health.childcare@state.mn.us
651-201-5503 or 800-657-3970

(7/2015)

MDH

MIIC

Challenges

- Inefficient process
    - Parents submit paper copies
    - Centers collect paper copies and track when to ask for updated copies
    - MDH collects paper copies and hand-enters into database
- Complex, paper-based form
    - Time and knowledge-intensive
    - Poor data quality
    - Underreporting

MDH

MIIC

Minnesota Immunization Information Connection (MIIC)

- MN's Immunization Information System (IIS)

- 7.8M clients

- 78M immunizations

- 84 percent of pediatric/family medicine clinics participate

- Weekly vital statistics uploads

Child Care & MIIC

- Child care centers (DHS Rule 3) can access MIIC

- Centers are important non-health organization users

- Read-only role

MDH

MIIC

Vision

- Use MIIC data and tools to assist parents, child cares, and MDH Immunization Program staff in the tracking and reporting process

- Improve immunization coverage in child care settings

- Establish electronic submission of child care immunization information

Pilot Project

- High Risk ZIP Code Project

- 14 interested child care centers

- Outreach:
  - Phone
  - Email

- Assistance using MIIC

Results

- Intervention
  - 14 centers
    - 11 completed report
    - 3 non-responders
  - Positive feedback on participant experience
- Control
  - 9 of 15 centers completed report

Assistance Program

MIIC Changes

- Promoted MIIC as immunization information source for parents and child care centers

- Built child care data collection into MIIC

- Increased child care centers in MIIC

MDH

MIIC

Formal Program

- 2013 statewide expansion
- Program promotion
  - Annual mailing
  - Conferences
  - Child Care Health Consultant Network

Checklist

Using MIIC to Complete the Child Care Immunization Report

Child care centers (DHS Rule 3) can use the Minnesota Immunization Information Connection (MIIC) as a tool to help them complete the annual Minnesota Department of Health (MDH) Child Care Immunization Report.

Use this checklist to get started:

☐ **Make sure you are enrolled in MIIC.**

You must have an active MIIC account in order to look up immunization records. If you are not enrolled in MIIC, go to Participating in MIIC
(http://www.health.state.mn.us/divs/idepc/immunize/registry/hp/join.html), complete a Data Use Agreement, and submit your Agreement to the MIIC Help Desk at health.miichelp@state.mn.us. If you are unsure of your enrollment status, contact the MIIC Help Desk for assistance.

☐ **Create a list of center enrollees.**

You can use MIIC to create a list of children currently enrolled in your center. You will need this list in order to complete the Child Care Immunization Report. Create a list in MIIC of center enrollees by following the steps at MIIC User Guidance and Training Resources: Using Lists in MIIC
(http://www.health.state.mn.us/divs/idepc/immunize/registry/hp/trainlists.html).

Note: When naming your list, use this naming convention: ReportYear_ChildCareName. Example: "2014-2015_ChildCareA." This will make it easier for MDH to identify your list.

☐ **Check your enrollees' immunization records in MIIC.**

You can use the Client Follow-up function in MIIC to make sure the MIIC immunization record matches the record you received from the child's parent/guardian. This is an important step to make sure that your final report reflects your center's accurate immunization rates. Compare immunization records in MIIC to your center's records by following the steps at MIIC User Guidance and Training Resources: Using Client Follow-Up
(http://www.health.state.mn.us/divs/idepc/immunize/registry/hp/traincfu.html).

☐ **Update your enrollees' immunization record(s) in MIIC - *Optional*.**

You may find that an immunization record you receive from a child's parent does not match their immunization record in MIIC. Some reasons for this include immunizations given in another state, the child's clinic doesn't use MIIC, etc.

To update the MIIC immunization record, please send copies of the child care immunization record from the child's parent/guardian to MDH. Fax these copies with your organization cover sheet to 651-201-

(07/2015) Page 1

MINNESOTA DEPARTMENT OF HEALTH
MINNESOTA IMMUNIZATION INFORMATION CONNECTION (MIIC)

5501, ATTN: MIIC Operations, or send these copies via US Mail to: Immunization Program/MIIC Operations, 625 Robert St. N., PO Box 64975, St. Paul, MN 55164-0975. Once the data are entered into MIIC, MDH will contact you to confirm the updates are complete.

Note: If you choose not to send missing information to MDH for data entry into MIIC, MDH recommends that you note the differences so you can include an accurate number of doses when you confirm your final immunization numbers. If you do not include these missing doses, your immunization rates will appear lower than they actually are.

☐ **Request your Child Care Immunization Report from MDH.**

After you have checked to see that your enrollees' MIIC records are complete, please send an email to health.childcare@state.mn.us to request your Child Care Immunization Report.

Please include the following information in the email:

➢ Subject line: Report Request: [Child Care facility name]
➢ Email Body:
   • Name of Child Care Facility
   • Code you use to log into MIIC
   • Name of MIIC List

☐ **Confirm your Child Care Immunization Report.**

MDH will email you a copy of your center's Child Care Immunization Report to confirm its final numbers. Please respond to this email to confirm your report. MDH will send you an email confirmation once your report is confirmed.

Find more information at:

➢ MIIC and Child Care Resources:
   http://www.health.state.mn.us/divs/idepc/immunize/registry/childcare.html
➢ MIIC and Child Care Facilities:
   http://www.health.state.mn.us/divs/idepc/immunize/registry/ccbasics.html

If you have any questions or need assistance with MIIC, contact the MIIC Help Desk at health.miichelp@state.mn.us.

(07/2015) Page 2

14

Process Steps

- Make sure you are enrolled in MIIC

- Create a list of center enrollees

- Check your enrollees' immunization records in MIIC

- Update your enrollees' immunization record(s) in MIIC

- Request your Child Care Immunization Report from MDH

- Confirm your Child Care Immunization Report

Status Update

Year	Participating Centers	Centers Submitted Report	Submission Rate (%)
2013	58	57	98%
2014	77	72	94%
2015*	99	94	95%

*Current year still in process

MDH

MIIC

Program Benefits

- Frees up staff time

- Reduces frustration

- Direct access to MIIC records

  - Limits report errors

- Requests to update MIIC records

  - Improves MIIC information

MDH

MIIC

Program Challenges

- Infrequent MIIC use

- High staff turnover

- Persistent training needs

- Limited communication channels

- Policy concerns

Lessons Learned

- Successful collaboration between Immunization Program units is important
  - Identify staff roles and responsibilities
- Use clear and concise communication to child care centers

Future Plans

Future Plans - Short Term

- Update existing resources

- Create new resources

- Improve program visibility among child care centers

- Reach out to regional/national chains

Future Plans - Long Term

- Enhance IIS
  - User-driven report
  - Follow-up capabilities
  - Medical/non-medical exemptions
- Update resources

Special Thanks:

- MDH Education & Partnerships Unit

- MDH MIIC Operations Unit

- MIIC Regional Coordinators

Thank You!

Sydney Kuramoto
sydney.kuramoto@state.mn.us

Minnesota
Department *of* Health