

MSHO PPV PIP: Project Summary July 2009

The Challenge Continues... Partnering with MIIC in the Fight Against Vaccine Preventable Disease

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Agenda

- The MSHO PPV Project
- Introduction/Background of MIIC
- MIIC Quick Statistics
- Accessing MIIC
- Using Client Information
- Optimizing MIIC
- MIIC Help
- Continuing the Challenge
- CEUs/Evaluations

Objectives for Training

1. Review the MSHO Pneumococcal Project – the history, interventions and results.
2. Understand the history and role of the Minnesota Immunization Information Connection (MIIC).
3. Learn the requirements and methods of accessing MIIC.
4. Understand how to use MIIC to enhance vaccine information for MSHO clients.
5. Identify available resources for continuing the promotion of PPV and the fight against vaccine preventable disease.

The MSHO PPV Project

- Why PPV?
- Baseline Findings
- Intervention Strategies
 - Care Coordinator Involvement
 - Home Health Referral
 - Primary Care Referral
 - Community Flu Clinic
- MIIC

Measures of Success

- Project Goal
 - Baseline PPV Claims Rate = 24.95%
 - Current Claims Rate = 40.94%
- MIIC Process Measure
 - Baseline MIIC Rate = 9.65%
 - Current MIIC Rate = 54.36%

MIIC Presentation

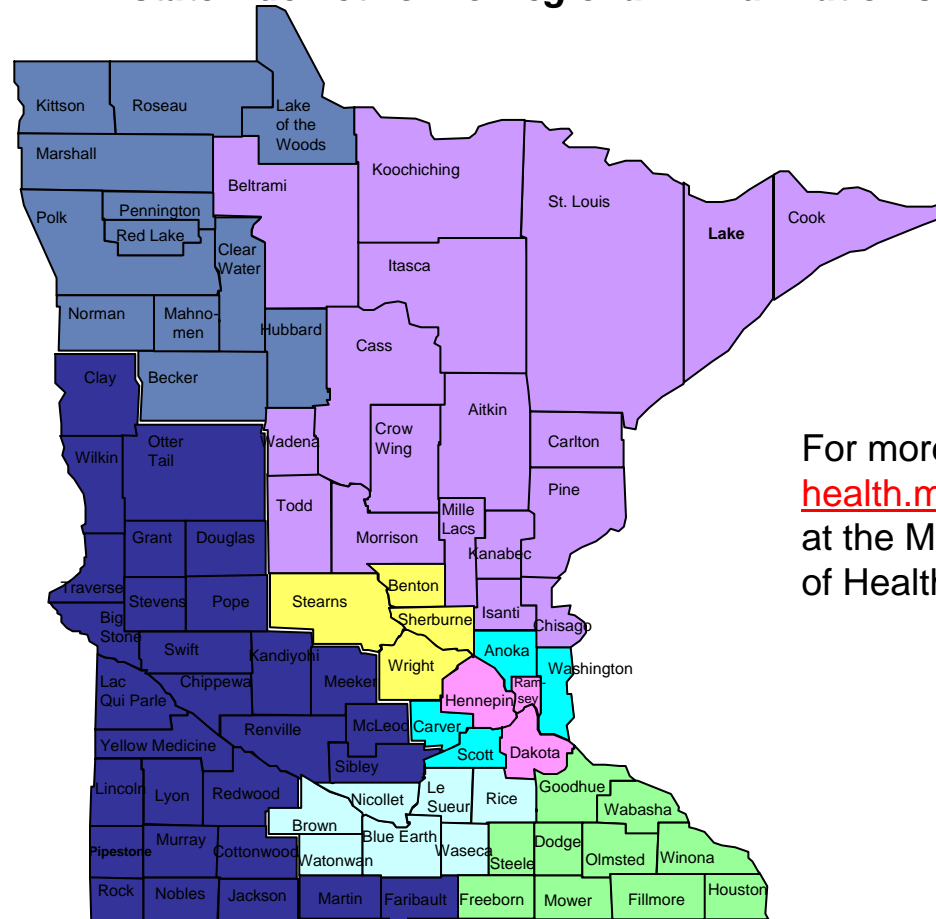
- Linda Stevens
 - Linda Stevens is a Training and Assessment Analyst for MIIC/Minnesota Immunization Information Connection within the Immunization, Tuberculosis, and International Health Section of the Minnesota Department of Health. Linda has focused on various immunization information system/immunization registry activities for 10+ years, including training and statewide help desk support. She also works with data utilization for assessing immunization coverage on local, state and federal levels. Her responsibilities often involve local public health agencies and other MIIC partners. She has a MPH from the School of Public Health , University of Minnesota, Minneapolis.

Introduction to MIIC

- What is MIIC/Minnesota Immunization Information Connection?
 - Network of regional immunization services
 - Confidential, computerized information system
 - Shared complete, accurate, up-to-date immunization records

Minnesota Immunization Information Connection

A statewide network of regional immunization services



For more information, email health.miichelp@state.mn.us at the Minnesota Department of Health.

 Central Minnesota Immunization Connection (CMIC)

 Communities Caring for Children (CCC)

 Community Health Information Collaborative (CHIC)

 ImmuLink/Metro Counties

 Immtrack

 Southeast Minnesota Immunization Connection (SEMIC)

 Southwest Minnesota Immunization Information Connection (SW-MIIC)

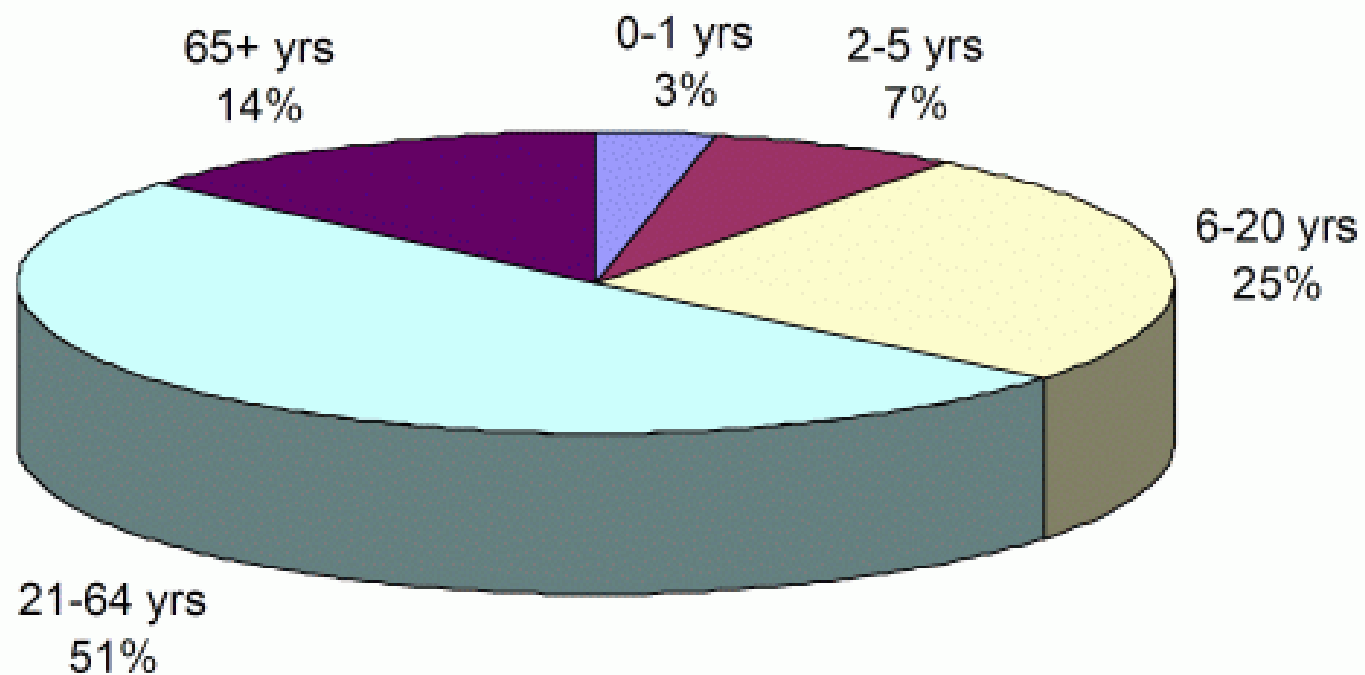
Background of MIIC

- Statewide 2002
- Web based
- Data entered via electronic upload or manual user direct entry
- Access allowed as defined in MN Statute 144.3351/Sharing of Immunization Data

MIIC Quick Statistics

- 4.4 million clients
- Over 34 million shots
- 86% of private providers
- 100% public providers
- Over 800 unique users login daily

Proportion of MIIC Clients* by Age Group July 1, 2009



* with one or more shots

Accessing MIIC

- Internet access
- Internet Explorer preferred browser
- User Agreement
 - Confidentiality and security terms
- Login

Login via the internet address for MIIC.

The MIIC login screen pops up. Login is caps (upper or lower case) sensitive.

MIIC is statewide, with first tier administration handled by regions (see map).

MIIC
Minnesota Immunization Information Connection
Production 4.3.5

Welcome to the Minnesota Immunization Information Connection.
Please enter your Organization Code, User Name and Password, and then click the Login button to continue.
If you need assistance, click the Light Bulb at the top right of the screen.

Organization Code: assigned
Username: assigned
Password: *****

Login Reset

DO NOT ATTEMPT TO LOG ON UNLESS YOU ARE AN AUTHORIZED USER.

Our thanks to the State of Wisconsin for making the MIIC application available to Minnesota at no cost.
Financial support for operating the MIIC application was provided by Medica® Health Plans.

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1. Enter (exactly what was given to you by your MIIC Contact):

Organization Code
(Tab)
Username
(Tab)
Password
(Tab)

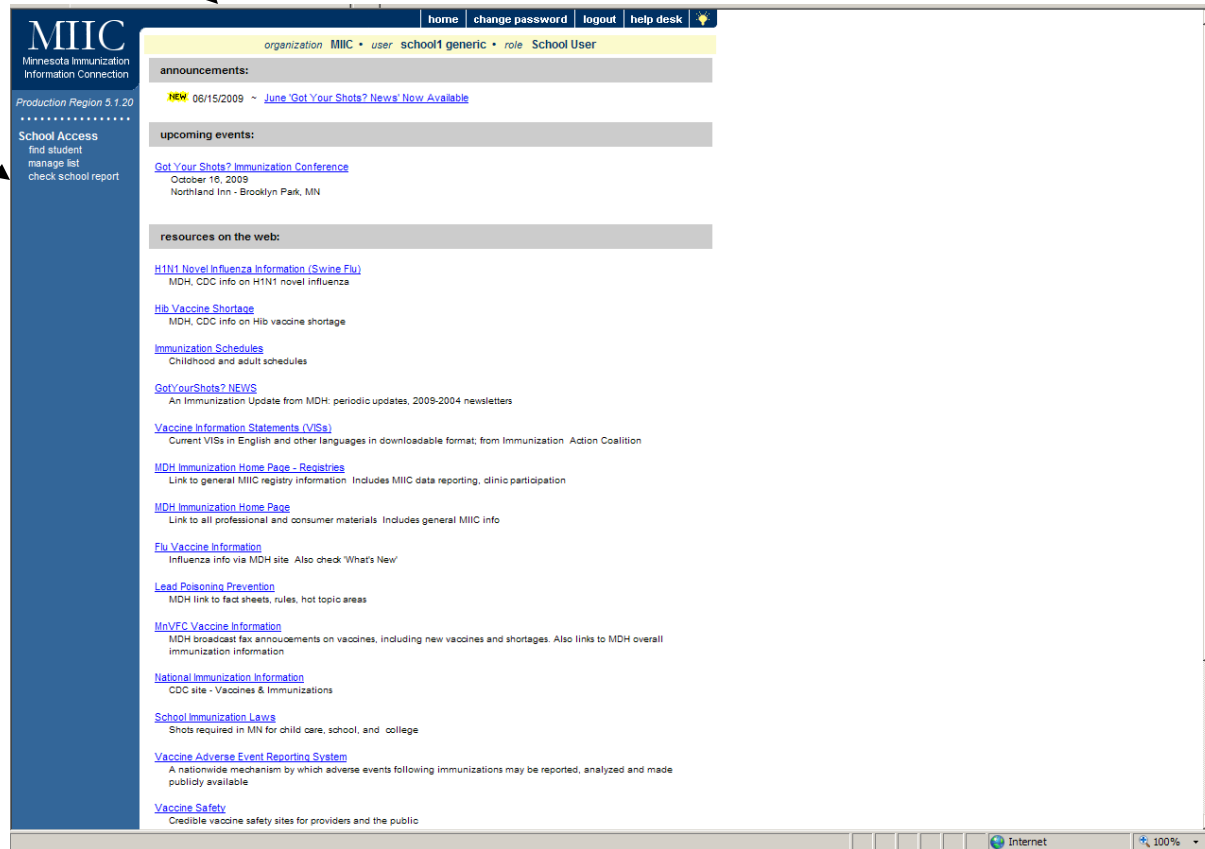
2. Click Login,
or hit Enter on your
keyboard.

Reset allows you to clear mistakes and start over.
An invalid message will appear for unsuccessful login.

You successfully logged in to MIIC when you see this screen. This is considered the home page of MIIC.

Yellow bar displays your organization name, your user name, and your role/access level.

The blue bar on the left is the main navigation menu. It appears on every screen for maneuvering in MIIC.



Using Client Information

- Client search criteria
- Vaccine history
- Tracking schedule

To quickly search for a client and immunization(s), click “find student”.

MIIC
Minnesota Immunization
Information Connection

Production Region 5.1.20

School Access
find student
manage list
check school report

home change password logout help desk

organization MIIC • user school1 generic • role School User

Client Search Criteria

Last Name Birth Date

First Name Gender M F N/A

Middle Name Phone - -

Mother's Maiden Last

Mother's First Name

Search for a client by at least two criteria:

“Last Name” and “First Name” or “Last Name” and “Birth Date”

You need at least three characters of the last name and two characters of the first name for a name search. If you include “Birth Date”, you need to use the format MMDDYYYY.

Slashes will automatically be inserted (for Internet Explorer browser).

The more characters you enter will narrow your client search.

The screenshot shows the MIIC (Minnesota Immunization Information Connection) interface. At the top, there is a navigation bar with links for 'home', 'change password', 'logout', and 'help desk'. Below this, a yellow banner displays the user's current session: 'organization MIIC • user school1 generic • role School User'. The main content area is titled 'Client Search Criteria' and contains several input fields and buttons. The 'Last Name' field contains 'mou', the 'First Name' field contains 'mi', and the 'Middle Name' field is empty. The 'Birth Date' field is empty with a calendar icon to its right. The 'Gender' field has three radio buttons labeled 'M', 'F', and 'N/A'. The 'Phone' field consists of three separate input boxes separated by dashes. There are 'Find' and 'Clear' buttons on the right side of the form. On the left side of the interface, there is a blue sidebar with the MIIC logo and the text 'Minnesota Immunization Information Connection'. Below the logo, it says 'Production Region 5.1.20' and 'School Access' with links for 'find student', 'manage list', and 'check school report'.

When you enter just a few letters, you may get a list of possible clients matching the search criteria. You have access to the statewide database. Click on the client (last name underlined and in blue) you are looking for, if listed.

MIIC
Minnesota Immunization Information Connection

Production Region 5.1.20

School Access
find student
manage list
check school report

home | change password | logout | help desk

organization MIIC • user school1 generic • role School User

Client Search Criteria

Last Name: Birth Date:
 First Name: Gender: M F N/A
 Middle Name: Phone: - -
 Mother's Maiden Last:
 Mother's First Name:

Possible Matches: 2

Last Name	First Name	Middle Name	Birth Date	Mother's Maiden First	Mother's Maiden Last	Gender	AKA
MOUSE	MINNEY		01/01/1943			F	
MOUSE	MINNIE		01/01/1943			F	✓

The far column is labeled “AKA”, also known as or alias. If there is a check mark, it means the client is also listed under another version of the name. The same record will come up if you click on the main record or its alias. It is not a duplicate record.

The client's record comes up.

MIIC
Minnesota Immunization Information Connection

Production Region 5.1.20
School Access
find student
manage list
check school report

home change password logout help desk

organization MIIC • user school1 generic • role School User

AKA: MINNIE MOUSE Birth Date: 01/01/1943 Print Cancel

Student Name (First - MI - Last - Suffix) DOB Gender Tracking Schedule
MINNEY MOUSE 01/01/1943 F ACIP

Comments

Add this Student to a Report List
Please Pick a Report List Add

History

Vaccine Group	Date Administered	Series	Trade Name	Dose	Reaction
Influenza	11/30/2008	1 of 1			
Pneumo-PPV23	05/01/2009	1 of 1			

Current Age: 66 years, 6 months, 9 days

Vaccines Recommended by Selected Tracking Schedule

Vaccine Group	Earliest Date	Recommended Date	Overdue Date	Latest Date
HepB	01/01/1943	01/01/1943	05/01/1943	
Influenza	12/28/2008	11/30/2009	05/30/2010	
Pneumo-PPV23	Complete			
Td/Tdap	01/01/1950	01/01/1950	02/01/1950	
Varicella	01/01/1944	01/01/1944	09/01/1944	

To print this record, click on “Print” tab under yellow bar.

Brief client **demographics** appear at the top of the screen.

Additional **comments** could be added, such as refusal of a shot, Comments appear in red.

The **immunization history** is displayed. The series number is based on shots entered in MIIC. A documented **reaction** would appear in red. An invalid dose would also be indicated – **Not Valid** - based on minimum interval or age.

The exact **current age** is displayed.

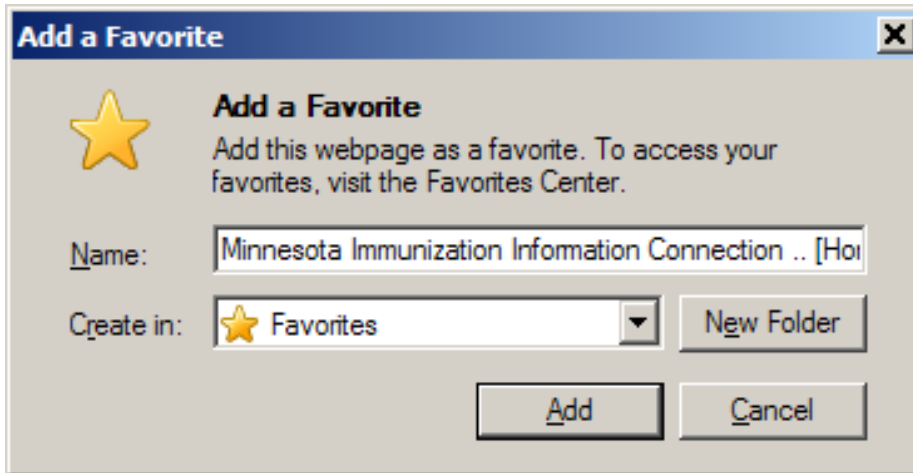
MIIC **forecasts** which vaccines are due next based on the client's age and vaccine history.

Color coding indicates earliest due, normally due, overdue, and latest due.

Contraindications would be noted.

Optimizing MIIC

- Favorites, bookmark, shortcuts
 - Quicker access to MIIC login page
- Home page
 - Events
 - Linked resources
- Manage lists



For a desktop shortcut of MIIC, right click on the Minnesota Immunization Information Connection favorite created.

Click on:
Send To Desktop (create shortcut)

Check desktop for MIIC shortcut; use next time when accessing MIIC.

There are four sections on the home page:
“announcements”, “upcoming events”, “resources on the web”, and “release notes”.

The user should check out anything “NEW” (in yellow) on the page as well as any links to resources or events.

[Click on anything underlined in blue.](#)

organization MIIC • user school1 generic • role School User

announcements:

NEW 06/15/2009 ~ [June 'Got Your Shots? News' Now Available](#)

upcoming events:

[Got Your Shots? Immunization Conference](#)
October 16, 2009
Northland Inn - Brooklyn Park, MN

resources on the web:

[H1N1 Novel Influenza Information \(Swine Flu\)](#)
MDH, CDC info on H1N1 novel influenza

[Hib Vaccine Shortage](#)
MDH, CDC info on Hib vaccine shortage

[Immunization Schedules](#)
Childhood and adult schedules

[GotYourShots? NEWS](#)
An Immunization Update from MDH: periodic updates, 2009-2004 newsletters

[Vaccine Information Statements \(VISs\)](#)
Current VISs in English and other languages in downloadable format; from Immunization Action Coalition

[MDH Immunization Home Page - Registries](#)
Link to general MIIC registry information Includes MIIC data reporting, clinic participation

[MDH Immunization Home Page](#)
Link to all professional and consumer materials Includes general MIIC info

[Flu Vaccine Information](#)
Influenza info via MDH site Also check "What's New"

[Lead Poisoning Prevention](#)
MDH link to fact sheets, rules, hot topic areas

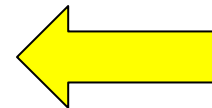
[MnVFC Vaccine Information](#)
MDH broadcast fax announcements on vaccines, including new vaccines and shortages. Also links to MDH overall immunization information

[National Immunization Information](#)
CDC site - Vaccines & Immunizations

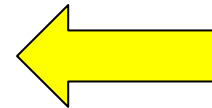
[School Immunization Laws](#)
Shots required in MN for child care, school, and college

[Vaccine Adverse Event Reporting System](#)
A nationwide mechanism by which adverse events following immunizations may be reported, analyzed and made publicly available

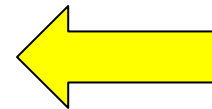
[Vaccine Safety](#)
Credible vaccine safety sites for providers and the public



Important notes for the user



Upcoming meetings, conferences



Links

NOTE: The ‘release notes’ section is no longer used.

Optimizing MIIC - Utilizing Lists

- Access data collectively/roll call
 - Create list
 - Assign clients to list
 - Display listing, histories, immunizations due
- Set up per organization
 - Maximum of 20 lists



The list has been created successfully.

Manage List

New List Name

Save

Report List

List Name	Last Updated Date	Client Count	Delete
MSHO List	07/10/2009	0	Delete
Linda Henn Co	06/26/2009	17	Delete
Linda III	07/08/2008	10	Delete

Click on “manage list” in the menu.
Add list name under “New List Name”.
“Save”.

home change password logout help desk

organization MIIC • user school1 generic • role School User

Student Information Print Cancel

Student Name (First - MI - Last - Suffix) DOB Gender Tracking Schedule
 MINNEY MOUSE 01/01/1943 F ACIP

Comments

Add this Student to a Report List

Please Pick a Report List Add

History

Vaccine Group Report List Name Dose Reaction

Influenza Linda III

Pneumo-PPV23 [05/01/2009](#) 1 of 1

Current Age: 66 years, 6 months, 9 days

Vaccines Recommended by Selected Tracking Schedule

Vaccine Group	Earliest Date	Recommended Date	Overdue Date	Latest Date
HepB	01/01/1943	01/01/1943	05/01/1943	
Influenza	12/28/2008	11/30/2009	05/30/2010	
Pneumo-PPV23	Complete			
Td/Tdap	01/01/1950	01/01/1950	02/01/1950	
Varicella	01/01/1944	01/01/1944	09/01/1944	

First “find student”. Then select from drop down box under section Add this “Student to a Report List”.

Click “Add” after highlighting list name.

Response will indicate “**Student added to Selected List**”.

School Access

- find student
- manage list
- check school report

Reports Available for: MSHO List

Report Name	Description
Client List	Displays the name and date of birth for each client on the list sorted alphabetically by last name.
Client Immunization History List	Displays the name, date of birth and immunization history for each client on the list sorted alphabetically by last name.
Immunization Due	Displays the name, date of birth and all immunization information for immunizations due for each client on the list sorted alphabetically by last name.

Client List for: MSHO List

Delete

Cancel

Delete	Last Name	First Name	Middle Name	Birth Date
<input type="checkbox"/>	MOUSE	MINNEY		01/01/1943

Run report wanted by clicking on the underlined blue list, such as **“Client Immunization History List”**.

Client Immunization History

Client Name (L, F M):	MOUSE, MINNEY	Birth Date:	01/01/1943	Gender:	Female
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Immunization History

Immunization	Date Admin	Series	Trade Name
Influenza	11/30/2008	1 of 1	
Pneumo-PPV23	05/01/2009	1 of 1	

Vaccines Recommended by Selected Tracking Schedule	
Vaccine	Date Needed
Pneumo-PPV23	Complete
HepB	01/01/1943
Varicella	01/01/1944
Td/Tdap	01/01/1950
Influenza	11/30/2009

Sample list report utilizing “check school report” from MIIC menu.

MIIC Help

- For access and questions re: MIIC, contact your MIIC regional or county coordinator.
- For overall questions, email health.miichelp@state.mn.us at the Minnesota Department of Health.

7-County Metro Area MIIC Contacts

Anoka County 2100 3rd Avenue, 6th Floor Anoka, MN 55303	Linda LeNoue 763-422-6963 linda.lenoue@co.anoka.mn.us
Carver County 600 East Fourth Street Chaska, MN 55318	Mary Williams 952-361-1328 mewilliams@co.carver.mn.us
ImmuLink (includes Hennepin, Ramsey and Dakota Counties) 525 Portland Ave. S. MC963 Minneapolis, MN 55415	Kim Gulliver 612-348-4125 kim.gulliver@co.hennepin.mn.us
Scott County 792 Canterbury Road South, Suite A160 Shakopee, MN 55379	Noreen Kleinfehn-Wald 952-496-8274 nkleinfehn@co.scott.mn.us
Washington County PO Box 6 14949 62nd Street North Stillwater, MN 55082-0006	Julie Reinhardt 651-430-6721 julie.reinhardt@co.washington.mn.us

Greater Minnesota Regional MIIC Contacts

Central Minnesota Immunization Connection (CMIC) 705 Courthouse Square, 3 rd floor St. Cloud, MN 56303	Joan Hooper 320-656-6289 joan.hooper@co.stearns.mn.us
Communities Caring for Children (CCC) Inter County Nursing Service 318 N. Knight Avenue Thief River Falls, MN 56701	Anita Cardinal 218-681-0876 abcardinal@co.pennington.mn.us
Community Health Information Collaborative (CHIC) 404 West Superior St., Suite 250 Duluth, MN 55802	Cheryl Stephens or Bette Hoffer 1-877-411-2442 cstephens@medinfosystems.org bhoffer@medinfosystems.org
Immtrack 410 S. 5 th St. PO Box 3526 Mankato, MN 56002	Amy Daufenbach 1-800-658-2877 immtrack@co.blue-earth.mn.us
Southeast Minnesota Immunization Connection (SEMIC) 211 Broadway Ave So Suite #3 Rochester, MN 55904	Jamie Sanders 507-282-1772 semnimmunization@qwestoffice.net
Southwest MIIC (SW-MIIC) Countryside Public Health 201 13 th St. So Benson, MN 56215	Sandy Macziewski 1-800-657-3291 smacziewski@countryside.co.swift.mn.us

Continuing the Challenge

- MIIC
- MVNA/Home Health Referrals
- MDH Publication, *Got Your Shots? News:*
www.health.state.mn.us/divs/idepc/newsletters/gys/index.html
- Flu Clinics
- Care Plans
- Stratis Health Website:
www.stratishealth.org/providers/healthplanpips.html
- Your Efforts!

Evaluations/CEUs

- CEUs offered July 20 – August 21, 2009
- Complete the on-line evaluation at:
<https://vovici.com/wsb.dll/s/efbcg3e7ae>

Note: you may need to cut and paste this address into your web browser.

- After completing the evaluation survey, participants will be directed to a downloadable certificate of participation that can be used for CEUs.

Questions?

- **Medica**
Anna Bernard
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- **Metropolitan Health Plan (MHP)**
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