Recall

Cristi Bramer MDHHS Vaccine Preventable Disease Epidemiologist
John Harwood, Region 2 MCIR Coordinator
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Agenda

• Welcome/Introductions

• Impact of COVID-19 on Immunizations
  • Cristi Bramer, MDHHS Vaccine Preventable Disease Epidemiologist

• The Basics of Using MCIR Reminder/Recall
  • John Harwood, Region 2 MCIR Coordinator
Impact of COVID-19 on Immunizations: National Perspective from CDC’s Morbidity and Mortality Weekly Reports

**Effects of the COVID–19 Pandemic on Routine Pediatric Vaccine Ordering and Administration — United States, 2020**

- Published May 15, 2020
- Substantial reduction in VFC-funded pediatric vaccine ordering
- Decline in vaccine administration among children

[Image](https://dx.doi.org/10.15585/mmwr.mm6919e2external_icon)

http://dx.doi.org/10.15585/mmwr.mm6919e2

**Decline in Child Vaccination Coverage During the COVID–19 Pandemic — Michigan Care Improvement Registry, May 2016–May 2020**

- Published May 22, 2020
- Up-to-date series coverage at milestone ages for children less than 2 years of age have declined

http://dx.doi.org/10.15585/mmwr.mm6920e1

**Notes from the Field: Rebound in Routine Childhood Vaccine Administration Following Decline During the COVID–19 Pandemic — New York City, March 1–June 27, 2020**

- Published May 22, 2020
- Vaccine administration increased among persons aged <24 months starting the week of April 19–25, as the number of new COVID-19 cases declined and returned to comparable levels in May

http://dx.doi.org/10.15585/mmwr.mm6930a3
The largest percent decreases were observed in April with adolescents aged 9 through 18 at 85.6%, children 2 through 8 at 82.7%, and adults 19 through 105 at 82.2%.
Doses Administered by Age

Child Doses by Select Vaccine Type, Administration Week and Year, 2018-2020, MCIR

Adolescent Doses by Select Vaccine Type, Administration Week and Year, 2018-2020, MCIR

Adult Doses by Select Vaccine Type, Administration Week and Year, 2018-2020, MCIR

*Administration ages 0 through 9 years MCIR data as of August 8, 2020

*Administration ages 9 through 18 years MCIR data as of August 8, 2020

*Administration ages 19 through 105 years MCIR data as of August 8, 2020
Doses Administered by Age and MCIR Facility Type

**Child** Non-Influenza Doses by Select MCIR Facility Types, Administration Week and Year, 2018-2020, MCIR

**Adolescent** Non-Influenza Doses by Select MCIR Facility Types, Administration Week and Year, 2018-2020, MCIR

**Adult** Non-Influenza Doses by Select MCIR Facility Types, Administration Week and Year, 2018-2020, MCIR

*Administration ages 0 through 8 years MCIR data as of August 8, 2020*

*Administration ages 9 through 18 years MCIR data as of August 8, 2020*

*Administration ages 19 through 105 years MCIR data as of August 8, 2020*
Percentage of Michigan children vaccinated at milestone ages for the ACIP recommended vaccines*, MCIR, 2019 average compared to April -August 2020 point estimates

**Age based cohort assessments: 1 month - 1 hepatitis B (HepB); 3 months - 2 HepB, 1 rotavirus (Rota), 1 diphtheria, tetanus, and acellular pertussis (DTaP), 1 haemophilus influenzae type b (Hib), 1 pneumococcal conjugate (PCV), 1 inactivated poliovirus (IPV); 5 months - 2 HepB, 2 Rota, 2 DTaP, 2 Hib, 2 PCV, 2 IPV; 7 months - 2 HepB, up-to-date (UTD) Rota, 3 DTaP, UTD Hib, 3 PCV, 2 IPV; 16 months - 2 HepB, 3 DTaP, UTD Hib, 4 PCV, 2 IPV, 1 measles, mumps, rubella (MMR), 1 varicella (Var); 19 months - 3 HepB, 4 DTaP, UTD Hib, 4 PCV, 3 IPV, 1 MMR, 1 Var; 24 months - 3 HepB, 4 DTaP, UTD Hib, 4 PCV, 3 IPV, 1 MMR, 1 Var, 2 hepatitis A.
Vaccination Coverage in Children less than 2 years at Milestone Ages

Table 1. Percentage of children vaccinated for the ACIP recommended vaccines at milestone ages* by MCIR region, August 8, 2020

<table>
<thead>
<tr>
<th>Age Cohort</th>
<th>1mo</th>
<th>3mo</th>
<th>5mo</th>
<th>7mo</th>
<th>16mo</th>
<th>19mo</th>
<th>24mo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region 1</td>
<td>81.2</td>
<td>70.7</td>
<td>57.3</td>
<td>46.9</td>
<td>40.9</td>
<td>48</td>
<td>44.4</td>
</tr>
<tr>
<td>Region 2</td>
<td>84.6</td>
<td>76</td>
<td>64.1</td>
<td>56.1</td>
<td>52.7</td>
<td>59</td>
<td>50.8</td>
</tr>
<tr>
<td>Region 3</td>
<td>86.6</td>
<td>77.2</td>
<td>64.6</td>
<td>53.7</td>
<td>51.4</td>
<td>53.5</td>
<td>35.1</td>
</tr>
<tr>
<td>Region 4</td>
<td>81.7</td>
<td>72.7</td>
<td>53.9</td>
<td>42.9</td>
<td>40.7</td>
<td>49.5</td>
<td>42.6</td>
</tr>
<tr>
<td>Region 5</td>
<td>78.3</td>
<td>73.3</td>
<td>62.4</td>
<td>51.5</td>
<td>49.1</td>
<td>51.4</td>
<td>43.9</td>
</tr>
<tr>
<td>Region 6</td>
<td>80.9</td>
<td>77.1</td>
<td>57.9</td>
<td>48.9</td>
<td>43.8</td>
<td>52.8</td>
<td>44.4</td>
</tr>
</tbody>
</table>

Table 2. Percentage of children vaccinated for the ACIP recommended vaccines at milestone ages by Medicaid status, August 8, 2020

<table>
<thead>
<tr>
<th>Status</th>
<th>1mo</th>
<th>3mo</th>
<th>5mo</th>
<th>7mo</th>
<th>16mo</th>
<th>19mo</th>
<th>24mo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicaid</td>
<td>80.6</td>
<td>69.1</td>
<td>51</td>
<td>38.9</td>
<td>38.8</td>
<td>44</td>
<td>39.1</td>
</tr>
<tr>
<td>Non-Medicaid</td>
<td>82.9</td>
<td>76.7</td>
<td>69.4</td>
<td>63.1</td>
<td>50.6</td>
<td>58.1</td>
<td>49.9</td>
</tr>
<tr>
<td>Difference</td>
<td>2.3</td>
<td>7.6</td>
<td>18.4</td>
<td>24.2</td>
<td>11.8</td>
<td>14.1</td>
<td>10.8</td>
</tr>
</tbody>
</table>

**Age based cohort assessments: 1 month - 1 hepatitis B (HepB); 3 months - 2 HepB, 1 rotavirus (Rota), 1 diphtheria, tetanus, and acellular pertussis (DTaP), 1 haemophilus influenzae type b (Hib), 1 pneumococcal conjugate (PCV), 1 inactivated poliovirus (IPV); 5 months - 2 HepB, 2 Rota, 2 DTaP, 2 Hib, 2 PCV, 2 IPV; 7 months - 2 HepB, up-to-date (UTD) Rota, 3 DTaP, UTD Hib, 3 PCV, 2 IPV; 16 months - 2 HepB, 3 DTaP, UTD Hib, 4 PCV, 2 IPV, 1 measles, mumps, rubella (MMR), 1 varicella (Var); 19 months - 3 HepB, 4 DTaP, UTD Hib, 4 PCV, 3 IPV, 1 MMR, 1 Var; 24 months - 3 HepB, 4 DTaP, UTD Hib, 4 PCV, 3 IPV, 1 MMR, 1 Var, 2 hepatitis A.
Impact on Vaccination Coverage in Children

- **4313314 coverage was 70.1% in July**
  - 73.8% coverage in March 2020
Adolescent Vaccination Coverage

13 through 17 years adolescent vaccine series coverage:
1:3:2:3:2:1:3 by MCIR Region, July 2019 - July 2020, MCIR

1323213: 1 Tdap, 3 Polio, 2 MMR, 3 HepB, 2 Varicella, 1 MenACWY, 2 or 3 HPV
Percent Change in Doses Administered Across the Lifespan in January – July 2020 Compared to the 2018-2019 Average by County, MCIR
The Basics of MCIR Reminder/Recall

• Reminder
  • Specific Age Ranges

• Recall
  • Options are flexible
  • Only pulls those overdue for vaccines
Things to Keep in Mind About Reminder

• Not based on Immunization Assessment, but by Age

• Patient Medical Home

• Roster vs. Provider ID

• Effect of Patient Status
Patient Status

• From the patient General Information page click Edit above the patient's name.

• If you are not the medical home you will only have the option of Active or Deceased.

• No action is required.
• Patient Status should be updated for patients that move, are no longer patients of the office, or are deceased.
The MCIR Landing Page

<table>
<thead>
<tr>
<th>Person</th>
<th>Reminder/Recall</th>
<th>Vaccine Mgmt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add/Find</td>
<td>Create Reminder</td>
<td>Manage Inventory</td>
</tr>
<tr>
<td>Roster</td>
<td>Create Recall</td>
<td>Return/Waste Reporting</td>
</tr>
<tr>
<td></td>
<td>Retrieve/Confirm Results</td>
<td>View Inventory History</td>
</tr>
<tr>
<td></td>
<td>Scan RTS Letters</td>
<td>Vaccines Administered</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Import/Export</th>
<th>VFC Program</th>
<th>My Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>HL7 Message Viewer</td>
<td>Online Renewal</td>
<td>Site Preferences</td>
</tr>
<tr>
<td></td>
<td></td>
<td>User Preferences</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edit My Site</td>
</tr>
</tbody>
</table>
The Reminder Outreach Notices Page
Reminder Parameters

• Change the Description to describe the type of Reminder being run (Ex: My H-Bday Reminder)
Reminder Parameters

- Choose the type of Reminder notice to generate.

- Click the Preview button to view each letter
The Reminder Letter – High Risk Reminder Notice

TEST TESTER
300 CHANDLER PLAZA
LANSONG, MI 48900

09/11/2020
TEST TESTER

Our records indicate that you are at increased risk for flu and complications based on your age or past medical history and age. The flu causes serious infections and thousands of deaths each year. Flu vaccine is the best means of preventing this infection.

We strongly recommend that you get a flu shot. People who live with you or care for you need the flu vaccine, too. Please call us today to arrange for your flu vaccine.

If you think your child has received the above missing shots please give us a call or if you know that your child has not received the above shots, please call for an appointment. Together we can help children be as healthy as possible.
August 11, 2020

MCIR ID#: 1234567890
Date of Birth: 02/28/1998
Age of Child: 22 Years 4 Months

TEST TESTER
300 CHANDLER PLAZA
LANSing, MI 48900

Happy First Birthday to Test Tester!

This is a reminder letter that Tester will need to have the following shots on the dates listed below.

<table>
<thead>
<tr>
<th>Immunization Status and Shots Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vaccine Series</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>DTP/DTaP/OPV/DT/Td</td>
</tr>
<tr>
<td>Polio</td>
</tr>
<tr>
<td>MMR</td>
</tr>
<tr>
<td>Hib</td>
</tr>
<tr>
<td>Hepatitis B</td>
</tr>
<tr>
<td>Varicella</td>
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</table>

<table>
<thead>
<tr>
<th>History of Vaccinations Given By Series</th>
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If you think your child has received the above missing shots please give us a call or if you know that your child has not received the above shots, please call for an appointment. Together we can help children be as healthy as possible.
Reminder Parameters

- Only choose Patient Roster if it’s being maintained
- Labels can be generated to use on postcards
- Reminder can be run for patients living in a specific zip code
Reminder Parameters

• Add a Provider Message including your office name and phone number

• Type the maximum number of reminder letters to generate

• Choose Submit to review a pop-up confirming the reminder parameters
Reminder Parameter Review

- Review the pop-up showing your reminder parameters, then click OK to Submit and return to the MCIR Landing Page
- Click Cancel if changes need to be made to the parameters
Retrieving Reminder/Recall Results

• After submitting the report, you’re taken back to the MCIR Landing Page

• To see if the report is ready, click the Retrieve/Confirm Results link in the Reminder/Recall box to view the Reminder/Recall Runs Page
Things to Keep in Mind About Recall

• Overdue criteria

• Roster vs. Provider ID

• Effect of Patient Status

• Vaccine and Age limitations
The MCIR Landing Page

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<td></td>
<td></td>
<td>Edit My Site</td>
</tr>
</tbody>
</table>
The Recall Outreach Notices Page
Recall Parameters

- Change the Description to describe the type of Recall being run (Ex: 19-36 mos. Recall)

- Choose between the Simple or Comprehensive Letter Type, then click the Preview button to view each letter
July 30, 2020

MCIR ID# 1690346227
Date of Birth 09/21/2018
Age of Child 1 Years 10 Months

To the Parent or Guardian of:
BAYBEE MICHIGANDER
1290 N Telegraph Rd Dept 123
Pontiac MI 48341

Dear Parent or Guardian:

One of the most important ways to prevent disease is through routine immunizations. The Michigan Care Improvement Registry (MCIR) indicates that Baybee may be due for the following immunizations: DTP/DTaP/DT/dTdap, Polio, MMR, Hib, Hepatitis B, Pneumococcal Conjugate and Hepatitis A.

What you need to do:
• Please call your doctor or Health Department to make an appointment.
• Make sure to bring this notice with you to the appointment.
• Have your doctor or Health Department update MCIR records so all immunizations are recorded.
• Ask for a copy of the updated immunization record for you to keep at home.
• If you think Baybee has already received these immunizations, please call your doctor or Health Department, so that they can update the MCIR records.

There should be text here.

Dear Doctor:

The Michigan Care Improvement Registry records indicated that this child is overdue for the doses listed above. MCIR records as of 07/30/2020 show the following doses have been received:
• If your records do not agree with this summary, or new doses are administered, please ensure that the correct information is entered into MCIR.
• Providers may contact their MCIR regional office if there are any questions regarding MCIR information.

<table>
<thead>
<tr>
<th>Vaccine Series</th>
<th>Date#1</th>
<th>Date#2</th>
<th>Date#3</th>
<th>Date#4</th>
<th>Date#5</th>
<th>Date#6</th>
<th>Date#7</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTP/DTaP/DT/dTdap</td>
<td>02/10/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polio</td>
<td>02/16/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MMR</td>
<td>03/26/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hepatitis B</td>
<td>02/16/2019</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Recall Letter – Comprehensive Preview
Recall Parameters

- Add your age range (must be 6 months or older)
- Choose the age in months or years
Recall Parameters - Options

- Only choose Patient Roster if it’s being maintained
- Only include Migrants if applicable
- Labels can be generated to use on postcards
- Leave options blank if none apply
Recall Parameters -

• If left blank, all overdue patients in the age range requested will be included

• Vaccine Series and dose number can be chosen to identify patients overdue for specific vaccines (this can be helpful for using soon to expire vaccine)
Recall Parameters

- Recall can be run for patients living in specific zip codes
- Notices can be run for a specific timeframe (based on the last administered shot date)
Recall Parameters

- Add a Provider Message including your office name and phone number

- Type the maximum number of recall letters to generate

- Choose Submit to review a pop-up confirming the recall parameters
Recall Parameter Review

- Review the pop-up showing your recall parameters, then click OK to Submit and return to the MCIR Landing Page

- Click Cancel if changes need to be made to the parameters
Retrieving Reminder/Recall Results

• After submitting the report, you’re taken back to the MCIR Landing Page

• To see if the report is ready, click the Retrieve/Confirm Results link in the Reminder/Recall box to view the Reminder/Recall Runs Page
Reminder/Recall Retrieval Status

• Reminder/Recalls take time to process (the Status is found under the Description)
• Click the Refresh button to update the Status
Retrieving the Reminder/Recall Report

• Once the Status is Waiting to be mailed, click on the Retrieve Report link to see your results

• Review the report, then print the results
Confirming or Purging the Reminder/Recall Report

• Once the letters are printed, it’s extremely important to edit and/or confirm the report as mailed

• Close out of the letters pop-up, and click the Refresh button on the Reminder/Recall runs page to see additional options
Confirming or Purging a Reminder/Recall Report

• After Refreshing the Reminder/Recall Runs Page, additional options appear:

• Once marked as Mailed or Not Mailed, the report will be permanently removed from the Reminder/Recall Runs page.
After sending the Recall

• Reminder/Recall reports show information on how well people responded to the letters.
• Allow for additional data clean up after patients don’t respond to three recalls.
You now know the “HOW” to generate MCIR recall letters – let’s learn the “WHO”

The Michigan Immunization Quality Improvement (QI) Reports are available to practices/clinics using the Michigan Care Improvement Registry (MCIR).

Several QI reports can assist to identify specific age cohorts and vaccines to generate Recall Letters for your practice. Using the QI reports can save time and assist with increasing responses from the mailed recall letters.

For more information on using the Quality Improvement Reports for your practice or clinic contact the Immunization staff at your Local Health Department or the Michigan Immunization QI Coordinator at Sanchezs@michigan.gov
2020-21 Flu Webinar

September 2:
9th annual Pediatric and Adult Influenza Webinar 12:00-1:00pm (ET)

- Registration is NOW OPEN and will remain open until September 1, 2020: https://events.anr.msu.edu/Influenza2020/
- There is 1.0 CME credit available for physicians and nurses, also 1.0 PCE credit available for pharmacists
- Participants that wish to watch the webinar as a group must still register individually to be eligible for CME/PCE credits
- For questions, please contact Connie DeMars at demars@msu.edu

Pediatric and Adult Influenza Webinar 2020-2021 Flu Season

When: September 2, 2020 from 12:00-1:00pm (ET)
What: Michigan Department of Health and Human Services (MDHHS), in collaboration with Michigan State University (MSU) Extension, is hosting a webinar to kick off the 2020-2021 influenza season.

Learning Objectives:
- Influenza disease rates, surveillance, and vaccine coverage levels
- Influenza vaccine recommendations from the Advisory Committee on Immunization Practices (ACIP)
- Strategies to improve influenza vaccination rates

Presenters: Stefanie Cole, RN, MPH - Immunization Nurse Educator
           Michelle Doebler, MPH - Influenza Epidemiologist

Who: The target audience for this webinar includes primary care physicians, specialty physicians, nurses, nurse practitioners, pharmacists, and other immunizing providers.

Where: Participation in this webinar requires advanced registration. Registration opens August 3 and closes September 1, 2020.
       Register here: https://events.anr.msu.edu/Influenza2020/

For any questions please contact Connie DeMars at demars@msu.edu.
Questions?
Thank you!

• Bea Salada, MDHHS MCIR Coordinator saladab@michigan.gov

• Special thanks to the Regional MCIR Coordinator’s for their collaboration in the preparation of this presentation:
  • Region 1, Wendy Nye
  • Region 2, John Harwood
  • Region 3, Ashley Tate and
  • Kim Scott, MDHHS MCIR Education & Training Analyst