



# MDH Interoperability Webinar Series: Immunization Exchange

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PROTECTING, MAINTAINING AND IMPROVING THE HEALTH OF ALL MINNESOTANS

# MDH Overall Data Strategy

# Join any or all MDH Interoperability Webinars in this Series:

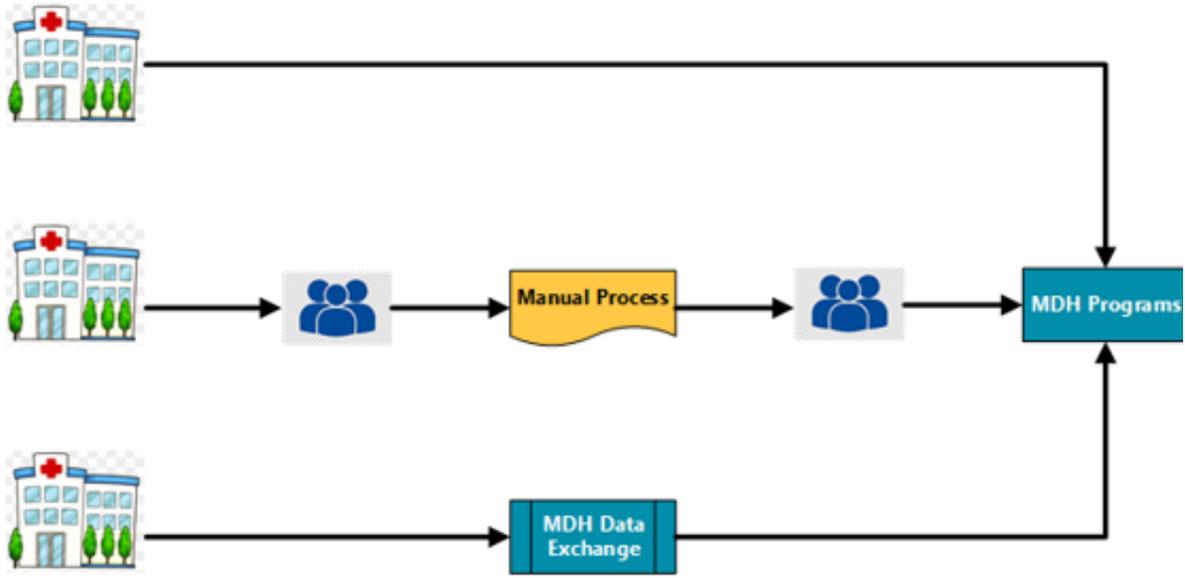
Date	Public Health Reporting Use Case
December 9	Immunization Reporting (MIIC) *
December 16	<i>Traumatic Brain Injury/Spinal Cord Injury (TBI/SCI)</i>
January 6	Expanded syndromic surveillance with participation in the National Syndromic Surveillance Program (NSSP) *
January 13	Electronic Case Reporting (ELR) *
January 20	Electronic Case Reporting (eCR) *
January 27	Laboratory Orders/Results – Infectious Disease Lab (IDL)
February 3	Laboratory Orders/Results – Newborn Screening Blood Spot (NBS)

# Webinar providing information towards:

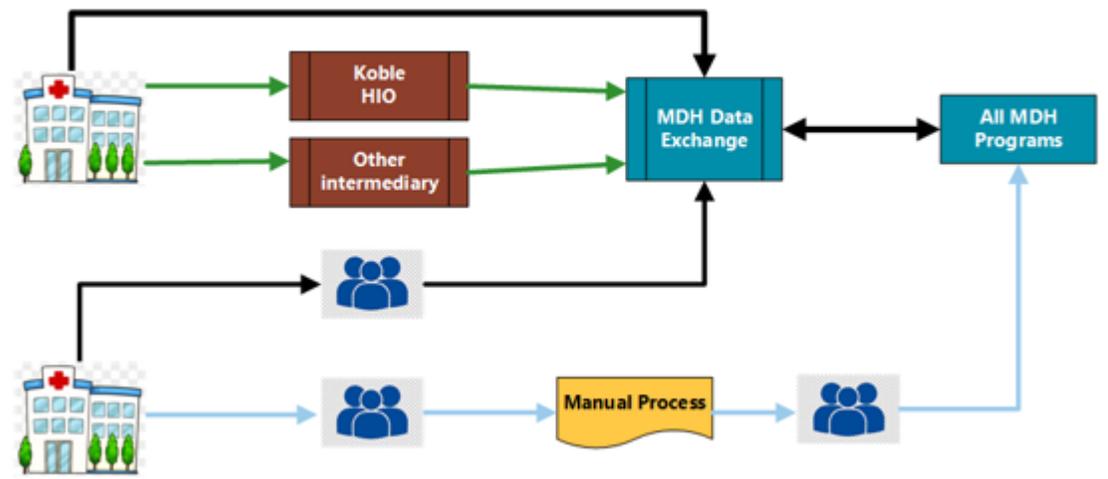
- ✓ Reducing your reporting administrative burden
- ✓ Meeting the CMS public health reporting requirements
- ✓ Improving data quality so information shared with MDH can better address future emerging threats and address population health issues
- ✓ Learning how you, your organization, and your patients benefit from improved public health reporting

# MDH Interoperability Strategy: Overall

### Current MDH Data Exchange



### Planned MDH Data Exchange



# MDH Request of External Partners

- ✓ **Schedule meeting with DSI** to discuss more details related to health system needs
  - Determine your organizations' public health reporting priorities for implementation and share with DSI (checklist)
  - Discuss any barriers or opportunities for electronic implementation with MDH
- [Consider Participation Agreement with Koble \(https://3b54d489-fb07-4eda-b01d-8169cc695bc4.filesusr.com/ugd/64a972\\_dddba6a5436949e5952abe8094b9c778.pdf\)](https://3b54d489-fb07-4eda-b01d-8169cc695bc4.filesusr.com/ugd/64a972_dddba6a5436949e5952abe8094b9c778.pdf)
- Plan and coordinate MDH public health reporting improvements through DSI and provide feedback to processes

# Immunization Exchange

- Ability of systems to exchange and use electronic health information from other systems without special effort on the part of the user.

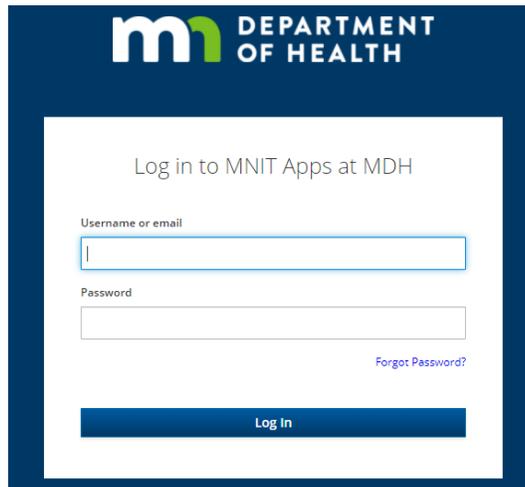
- Immunization Information System (IIS), not a medical record
  - Consolidated immunization record
  - Data related to immunization and immunization needs
  - Clinical decision support
  - Tools and reports

# Who can access MIIC?

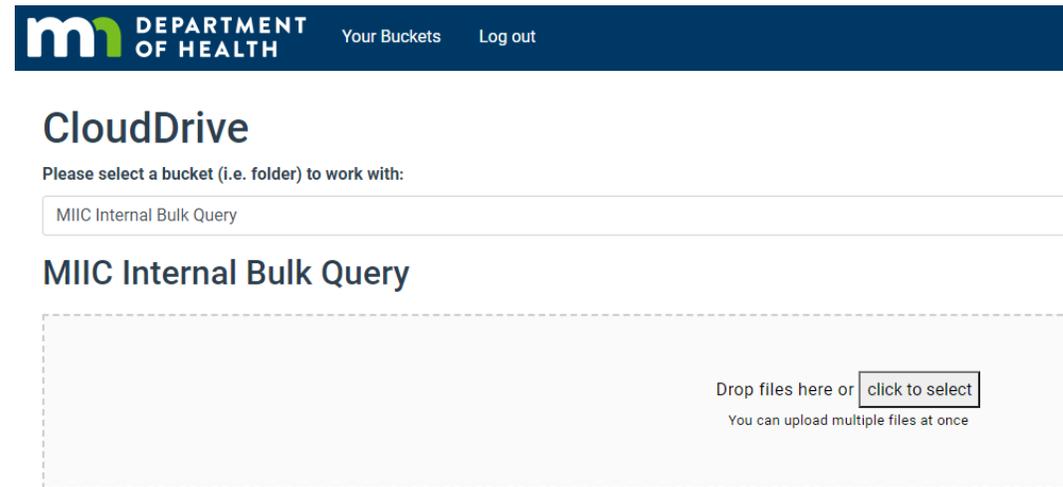
- Groups defined by [144.3351 immunization data sharing law \(https://www.revisor.mn.gov/statutes/cite/144.3351\)](https://www.revisor.mn.gov/statutes/cite/144.3351)
  - Providers
  - Group purchasers
  - Elementary or secondary schools
  - Community health boards
  - Community action agencies
  - Commissioner of health
  - Must be providing services on behalf of the patient
- Individuals

# What can MIIC do for you?

- Share data individually in real-time
- Query for large groups of patient immunization data



The screenshot shows the login interface for MNIT Apps at MDH. At the top, the logo for the Minnesota Department of Health (MDH) is displayed. Below the logo, the text "Log in to MNIT Apps at MDH" is centered. There are two input fields: "Username or email" and "Password". A "Forgot Password?" link is located below the password field. A blue "Log In" button is positioned at the bottom of the form.



The screenshot shows the CloudDrive interface. At the top, the MDH logo is on the left, and "Your Buckets" and "Log out" links are on the right. The main heading is "CloudDrive". Below it, the text "Please select a bucket (i.e. folder) to work with:" is followed by a dropdown menu showing "MIIC Internal Bulk Query". Below the dropdown, the heading "MIIC Internal Bulk Query" is displayed. A large dashed box represents the file upload area, containing the text "Drop files here or click to select" and "You can upload multiple files at once".

# What do we do with the data?

- [Vaccine Data \(https://mn.gov/covid19/vaccine/data/index.jsp\)](https://mn.gov/covid19/vaccine/data/index.jsp)



# Call to Action

# Who should exchange data with MIIC?

- Providers who
  - Vaccinate in Minnesota
  - Vaccinate Minnesotans
  - Need complete immunization histories for Minnesotans

# How do I exchange data with MIIC?

- Check internally – you may be already!
- Submitting and Exchanging Data with MIIC  
(<https://www.health.state.mn.us/people/immunize/miic/data/index.html>)
  - HL7 specification guide
  - SOAP guidance

# How do I direct exchange data with MIIC?

- For direct exchange with MIIC, contact MIIC Help Desk
  - [Health.MIICHelp@state.mn.us](mailto:Health.MIICHelp@state.mn.us)
  - HL7/Soap: REDCap survey link
  - Bulk query: email

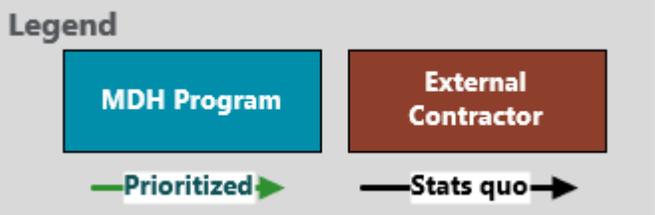
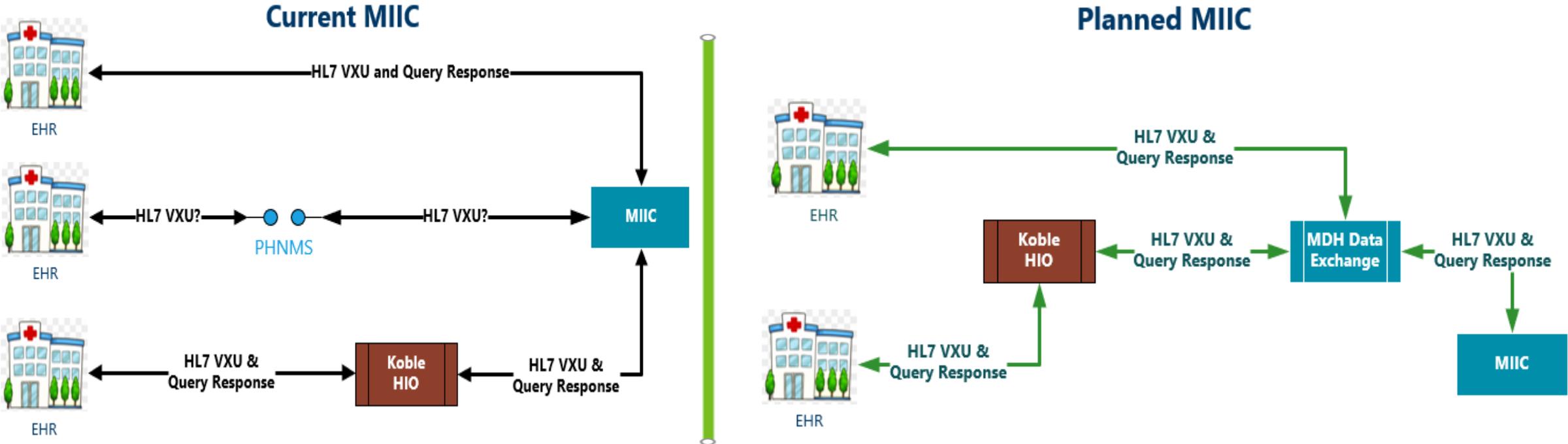
# How do I exchange data via Minnesota's HIO?

- To exchange data via Minnesota's HIO, contact Koble
  - [Charles.D.Peterson@koblegroup.com](mailto:Charles.D.Peterson@koblegroup.com)
  - [Koble Minnesota \(www.koblemn.org\)](http://www.koblemn.org)
  - [Participation Agreement with Koble \(https://3b54d489-fb07-4eda-b01d-8169cc695bc4.filesusr.com/ugd/64a972\\_dddbba6a5436949e5952abe8094b9c778.pdf\)](https://3b54d489-fb07-4eda-b01d-8169cc695bc4.filesusr.com/ugd/64a972_dddbba6a5436949e5952abe8094b9c778.pdf)

# 2022 MDH Interoperability Initiatives MIIC involved With

- New HL7 endpoint
- Update program website
- eData Registry Replacement (External Partner Registry) for onboarding and ongoing tracking of all Use Cases
- PHINMS Replacement solution analysis
- Testing and analysis of routing MIIC transactions via MDH Data Exchange rather than directly to MIIC application

# MDH Interoperability Strategy: MIIC



# Next Steps

# MDH Request of External Partners

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# Q&A

# Thank you.

Webinar materials: [DSI website](https://www.health.state.mn.us/data/interoperability/webinar.html)  
(<https://www.health.state.mn.us/data/interoperability/webinar.html>)

Further questions: [health.dsi@state.mn.us](mailto:health.dsi@state.mn.us)