



# NDHIN Q & A

Monthly meeting- February 18, 2021

Facilitated by Sarah Miller, NDHIN Outreach Manager

NORTH  
**Dakota**

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# NDHIN Q & A AGENDA

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Welcome

Topics/Updates from NDHIN Team:

- *Public Health Reporting & NDHIN*

Questions from Attendees

Review of January's NDHIN Topic:

- *How has NDHIN helped with the COVID pandemic?*

Next NDHIN Q & A Session: March 18<sup>th</sup> @ Noon CDT



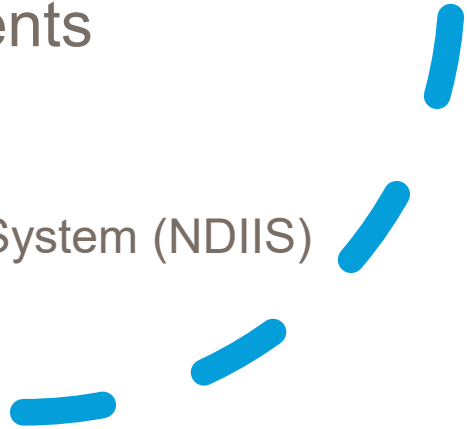
# HEALTH INFORMATION TECHNOLOGY

Shila Blend, Director

NORTH  
**Dakota**

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# NDHIN & ELECTRONIC PUBLIC HEALTH REPORTING

- North Dakota Administrative Code 33-06-01, North Dakota Century Code 23-07-01
    - Reportable Conditions
    - Electronic Laboratory Reporting
  - North Dakota Administrative Code - Title 33 Article 6 Chapter 5
    - School Immunization Requirements
    - Recordkeeping and reporting
      - North Dakota Immunization Information System (NDIIS)
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# NDHIN & ELECTRONIC PUBLIC HEALTH REPORTING

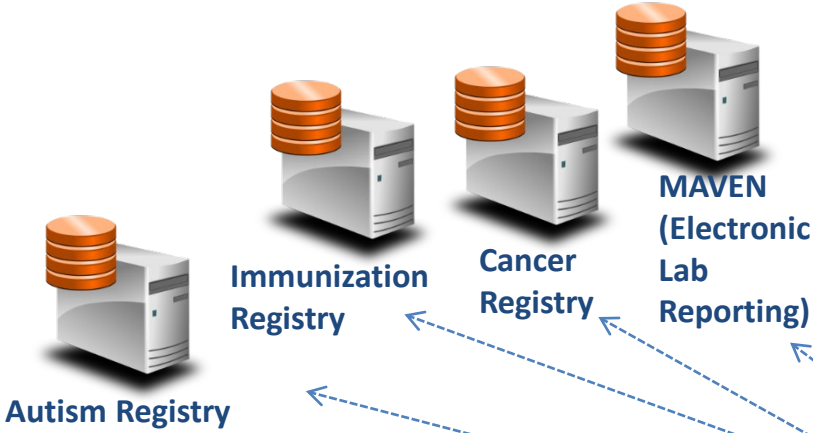
- Immunization Bi-Directional Feed with NDIIS
  - 43 Hospitals/49 Clinic Data Feeds
- Electronic Laboratory Reporting – Reportable Conditions
  - 40 Hospital Data Feeds
- Syndromic Surveillance (Data to CDC for Outbreak Monitoring)
  - 43 Hospital Data Feeds
- Autism Registry
- Advance Directives



1.2M Unique Patient IDs

Advanced Healthcare Directives Registry

ND Department of Health



TRINITY HEALTH

Altru HEALTH SYSTEM



Essentia Health



CHI St. Alexius Health  
Imagine better health.®

SANFORD HEALTH



MID DAKOTA CLINIC  
The doctors you know and trust.™



32 Ambulatory Points of Care (Minus IDN clinics)



46 Hospitals

FQHCs  
22 Points of Care

North Dakota PDMP

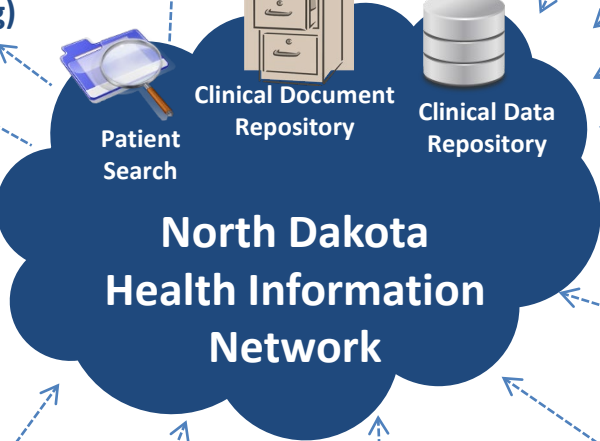
Medicines Viewer

eHealth Exchange  
VA/SSA/DoD



Clinical Portal  
4,239 User Accounts

Direct Secure Messaging  
100K + Messages Per Month



Data Submission

# NDHIN & NDIIS

- North Dakota Immunization Information System (NDIIS)
- Confidential, population-based, computerized information system that attempts to collect vaccination data about all North Dakotans
- NDIIS Immunizations folder displays collected vaccination data for adult patients as well as children
- Displays immunization record as well as immunization forecast


## Immunizations

Dose Date	Provider	Lot	Reaction	VFC	Vaccine	Valid
10/24/2018	6006 - SCOTT		NONE	UNKNOWN	PPSV23 (pneumococcal)	Yes
10/24/2018	6006 - SCOTT		NONE	UNKNOWN	ZOSTER Shingrix	Yes
10/03/2018	6006 - SCOTT		NONE	UNKNOWN	INFL (high dose)	Yes
10/13/2017	6006 - SCOTT		NONE	UNKNOWN	INFL (high dose)	Yes
10/24/2016	6006 - SCOTT		NONE	UNKNOWN	INFL (high dose)	Yes

## Immunization Forecast

Vaccine	Recommended Date	Minimum Valid Date	Dose
Shingles	12/19/2018	12/19/2018	3
Td/Tdap	08/17/2021	08/17/2016	4

# NDHIN COVID-19 PANDEMIC RESPONSE SUPPORT

- COVID-19 test results are available in the NDHIN cumulative patient record
  - Alerts functionality has been used for positive case monitoring
  - ETOR for COVID-19 test ordering and resulting with the ND State Lab
  - COVID-19 lab reporting to CDC
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- A decorative graphic consisting of four thick, light blue curved dashes arranged in a curved path from the bottom left towards the top right.

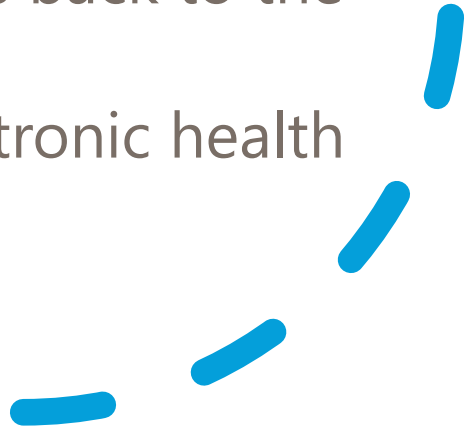


# NDHIN COVID-19 PANDEMIC RESPONSE SUPPORT


- The ND Department of Health Division of Microbiology was the first lab in ND to perform COVID-19 tests
- An interface with the lab was established in May 2020 and test results are now a part of the NDHIN cumulative health record



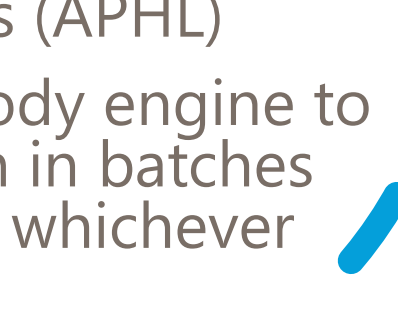
# ETOR (ELECTRONIC TEST ORDERS & RESULTS)

- Manages test orders coming into the state laboratory and results going back out to the ordering facility
    - Includes a large out-of-state reference lab
  - Full path of ordering and resulting
  - HL7-based interface
    - A test order message (ORM) goes out from the ordering facility
    - A test result message (ORU) goes back to the ordering facility
    - Able to be imported into an electronic health record
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# ETOR (ELECTRONIC TEST ORDERS & RESULTS)

- **Implementations:**
    - Altru Health (Main + 14 sites)
    - Trinity Health (Main + 4 sites)
    - Northern Plains Reference Lab (CHI St. Alexius, MidDakota + Numerous Sites)
    - Sanford Health (in progress)
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# CELR (COVID-19 ELECTRONIC LAB REPORTING TO CDC)

- Using CELR, the CDC will be able to aggregate laboratory data from public health departments, private laboratories, and public health laboratories
  - How It Gets Done
    - CELR data comes into the Department of Health for ELR reporting
    - A copy of these messages is routed to the NDHIN
    - NDHIN created a naming and batching convention based on the standard from the Association of Public Health Labs (APHL)
    - NDHIN reports from their rhapsody engine to CDC via the APHL AIMS platform in batches of 1000 messages or every hour, whichever comes first.
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Q #1

How does the electronic reporting benefit my facility?



Attendee questions?



Q #2

If an out of state individual has a test and/or vaccination in ND, does this information go back to their home state?

# JANUARY Q & A REVIEW

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- Lead-off topic was: *How has NDHIN helped with the COVID pandemic?*
- Link to January's session information is in the chat.
  - NDHIN can be used to verify COVID testing and corresponding results.
  - NDHIN has setup ETOR (Electronic Test Orders and Results) which allows labs and providers to directly exchange this information across different facilities and HER systems.
  - NDHIN also provides access to NDIIS where COVID vaccination information, date and type of vaccine, can be retrieved.



# NEXT NDHIN Q & A SESSION

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March 18, 2021 at Noon CDT

*- Lead-off Topic: NDHIN Resource to Support Medication Reconciliation*

# RESOURCES

- NDHIN On-demand Training
  - <https://www.ndhin.nd.gov/providers/education>
  
- NDHIN Help Desk - Available 24/7
  - (844)335-6253
  - [NDHINSupport@Koblegroup.com](mailto:NDHINSupport@Koblegroup.com)

# NDHIN CONTACT INFORMATION

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