NDHIN Q & A

Monthly meeting- February 18, 2021

Facilitated by Sarah Miller, NDHIN Outreach Manager

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NDHIN Q & A AGENDA

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 18th @ Noon CDT

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HEALTH INFORMATION TECHNOLOGY

Shila Blend, Director

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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)
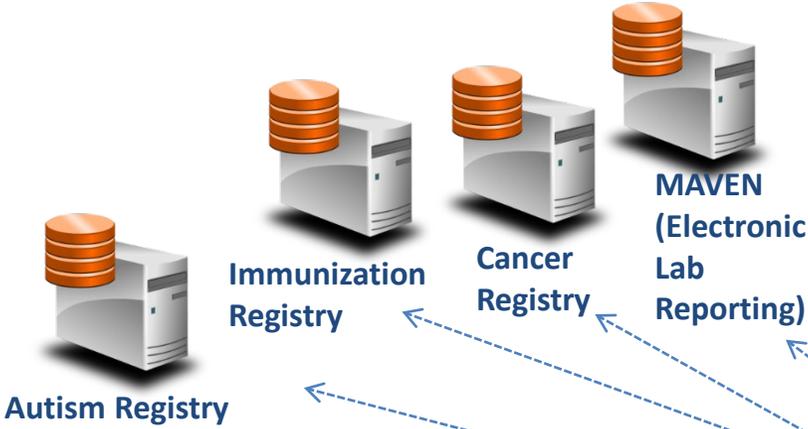
NDHIN & ELECTRONIC PUBLIC HEALTH REPORTING

- 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

Advanced Healthcare Directives Registry

1.2M Unique Patient IDs

ND Department of Health

CDC

TRINITY HEALTH

+Altru HEALTH SYSTEM

MAVEN (Electronic Lab Reporting)

Syndromic Surveillance

Immunization Registry

Cancer Registry

Autism Registry

Essentia Health

CHI St. Alexius Health
Imagine better health.®

Patient Search

Clinical Document Repository

Clinical Data Repository

North Dakota Health Information Network

SANFORD HEALTH

Direct Secure Messaging 100K + Messages Per Month

Clinical Portal 4,239 User Accounts

MDC MID DAKOTA CLINIC
The doctors you know and trust.™

eHealth Exchange

VA/SSA/DoD

North Dakota PDMP

Medicines Viewer

FQHCs 22 Points of Care

HOSPITAL
46 Hospitals

CLINIC
32 Ambulatory Points of Care (Minus IDN clinics)
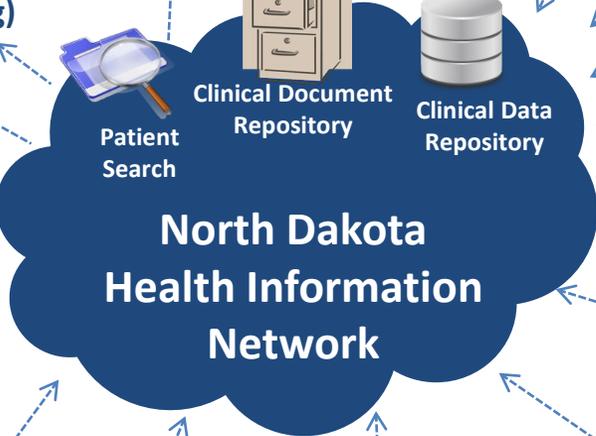
Data Submission

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

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
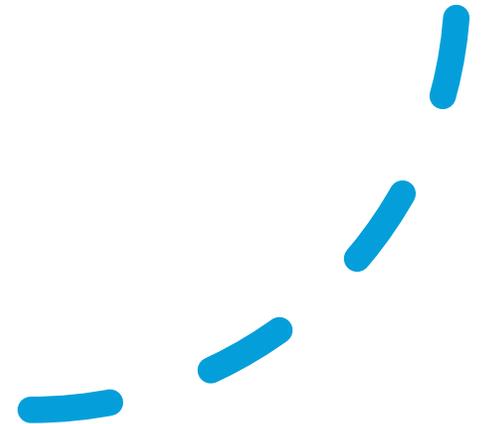
ETOR (ELECTRONIC TEST ORDERS & RESULTS)

- 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
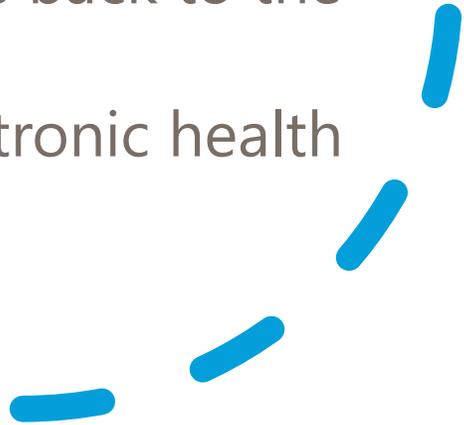
ETOR (ELECTRONIC TEST ORDERS & RESULTS)

- **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)

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 AHPL AIMS platform in batches of 1000 messages or every hour, whichever comes first.
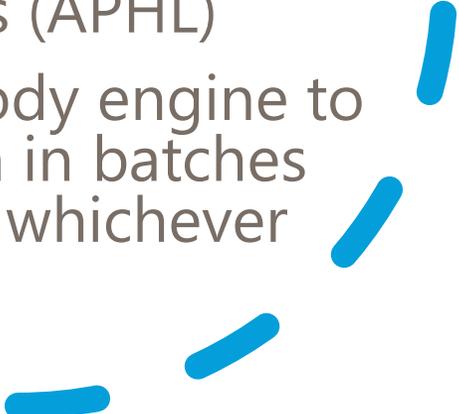
Q #1

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

- 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

March 18, 2021 at Noon CDT

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

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RESOURCES

- NDHIN On-demand Training
  - https://www.ndhin.nd.gov/providers/education

- NDHIN Help Desk - Available 24/7
  - (844)335-6253
  - NDHINSupport@Koblegroup.com

NDHIN CONTACT INFORMATION

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