## UTILIZING HEALTH DATA: NORTH DAKOTA HEALTH INFORMATION NETWORK



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# WHAT IS THE ND HEALTH INFORMATION NETWORK (NDHIN)

- NDHIN is a public /private partnership of healthcare stakeholders charged with expanding the secure exchange of health information in the state of ND.
- NDHIN resides in a ND state agency (ND IT) and collaborates closely with other key state agencies such as ND Department of Human Services, including Medicaid, and the ND Department of Health.

### **NDHIN HISTORY**



- Launched in 2010 with federal funds (HITECH)
- Broad stakeholder support statewide
- Governor Appointed Advisory Committee
- Worked with Medicaid to support the EHR Incentive Program (Meaningful Use/Promoting Interoperability)
- Worked with the ND HHS to facilitate electronic public health reporting

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#### ND HEALTH INFORMATION NETWORK (NDHIN)



#### **2022 SNAPSHOT**

- 352 Participation Agreements
- 1.47M Unique Patient IDs
- All tertiary and Critical Access Hospitals participating
- Data feeds increased from 361 feeds in 2018 to 679 feeds in 2022
- 5331 Active Users



https://www.ndhin.nd.gov/providers/providers-map

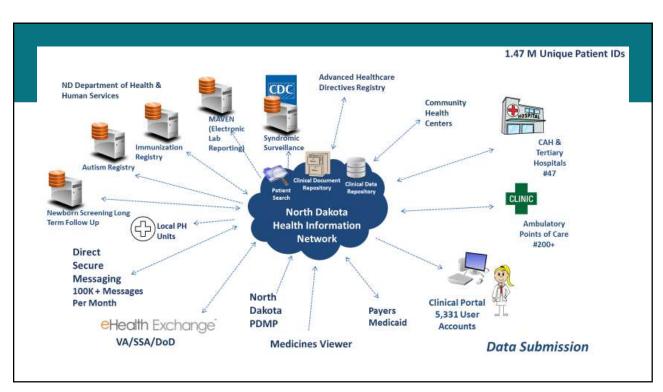
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## NDHIN FUNCTIONALITY & SERVICES

- Patient record search for the following patient information:
- Allergies
- Medications
- Encounters
- · Laboratory Results
- · Radiology Reports
- · Transcribed Documents
- Images
- Prescription Drug Monitoring Program (PDMP)
- Access to National Networks (eHealth Exchange, Patient Centered Data Home, Carequality)

- NDHIN Services:
- EHR interoperability with Single Sign On access capability
- · Clinical Portal Access
- Direct Secure Messaging/Communicate Portal, HISP, XDR
- Encounter alerts and notifications
- · Electronic Public Health Reporting
  - Immunization Data
  - Syndromic Surveillance Data
  - Electronic Lab Reporting/Reportable Conditions
  - Autism Registry
- Advanced Health Directive Registry
- Send/receive sensitive messages securely

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#### NDHIN & ND HEALTHCARE PROVIDERS

- Health information exchange of patient medical records with all hospitals – tertiary & critical access; most Community Health Centers; all Rural Health Clinics
- Longitudinal community health record made up of all records transmitted to NDHIN is provided back to participating providers for coordination of patient care
- Facilitates required public health reporting electronically on to the ND Department of Health to assist providers with compliance

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#### NDHIN & ND MEDICAID

- Supporting Managed Care Organizations to improve coordination of care for the Medicaid Expansion population
- Sanford Health Plan
- Blue Cross Blue Shield North Dakota
  - Alerts & Notifications



#### NDHIN & HHS COLLABORATION



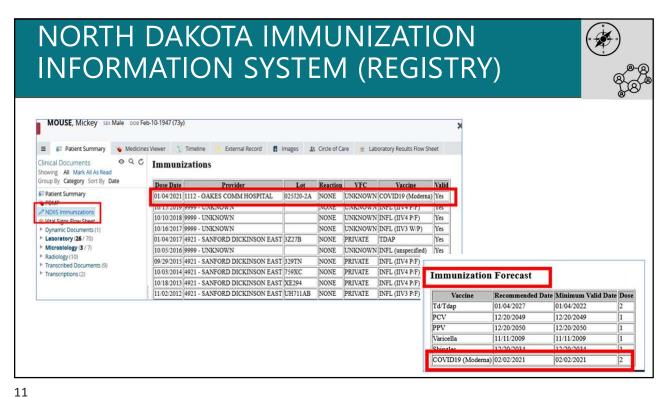
#### **Electronic Public Health Reporting**

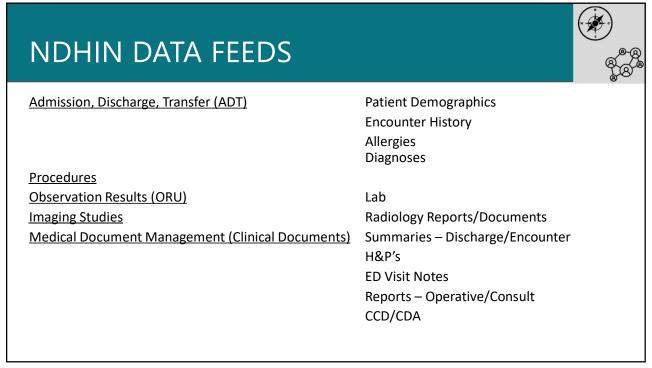
- Meets regulatory compliance required by NDDOH and ND Century Code
- Ensures reporting is done in a timely manner
- Facilitates electronic reporting of immunizations, syndromic surveillance, and electronic laboratory reporting (ELR) from healthcare provides on to State and CDC
- Specialized Registries:
  - Autism/Advance Healthcare Directives
- Electronic Test Orders and Results (ETOR)
- Meets regulatory reporting requirements for Merit-based Incentive Payment System (MIPS)/Interoperability reporting
- Data Modernization Initiative improving interoperability with public health systems

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#### ND IMMUNIZATION INFORMATION SYSTEM

- North Dakota Immunization Information System (NDIIS)
- Confidential, population-based, computerized information system that collects vaccination data on North Dakotans
- NDIIS Immunizations link displays collected vaccination data for adult patients as well as children
- Displays immunization record as well as immunization forecast
- Includes information on immunizations administered, and due





## **ELECTRONIC TEST ORDERS & RESULTS**



#### **Benefits of ETOR**

- Reduces errors
- Improves Efficiency/Saves Time
- Improves coordination of patient care
- ND Locations: 22



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### **NEWBORN SCREENING**



- NDHIN Pathway used for care coordination
  - Benefits
    - Improved coordination of care for a very vulnerable population
    - Potential reduction of costs for a high-cost Medicaid population
    - Use of Care Coordination module to develop a care pathway







