







# New Jersey Health Information Network

New Jersey  
**Innovation Institute**  
An NJIT Corporation



# About NJHIN

## New Jersey Health Information Network



NJHIN is utilized to reduce medical errors, improve data quality, make healthcare more efficient, and ultimately improve patient outcomes for all New Jersey residents.

The goal of this information-sharing and increased interoperability is to reduce the cost of healthcare and improve patient health by leveraging the Health Information Network to connect to public health registries and connect providers to their patients throughout the state.



# About NJHIN

## New Jersey Health Information Network

- Only network that facilitates the electronic exchange of PHI across the entire state of New Jersey
- NJHIN is funded by the Department of Health and Department Human Services
- **New Jersey Innovation Institute (NJII)** is the state-designated entity appointed to operate and manage the NJHIN
- Only network that connects to state health databases and registries allowing it to maintain a statewide patient-identifying system
- All acute-care hospitals, health information exchanges, regional health hubs, over 6,000 physicians and care teams, long-term care and assisted living organizations, providers, and non-hospital facilities are connected to the NJHIN





## TRUSTED DATA SHARING ORGANIZATIONS (TDSOS)



ACTIVE CARE RELATIONSHIP  
SERVICE

ADT DATA

MASTER PERSON INDEX (MPI)

REGISTRY SUBMISSION

CLAIMS / PHARMACY /  
PROVIDER DATA

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## STATE PARTNERS & REGISTRIES



STATE REGISTRIES:

NJ IMMUNIZATION  
REGISTRY

EMERGENCY MEDICAL  
SERVICES

COMMUNICABLE  
DISEASE REGISTRY

VITAL STAT REGISTRY

PERINATAL RISK  
ASSESSMENT



# WHAT IS THE NJHIN?

The New Jersey Health Information Network (NJHIN) facilitates data transfer as a "network of networks"



## Patients and Families

Enables patients and their families to access their healthcare data from multiple sources



## Hospitals and Clinics

Millions of real-time hospital-visit alerts for 72 acute care NJ hospitals



## Substance Use Disorder (SUD) Facilities

30+ Substance Use Disorder facilities with 6k+ patients are onboarded



## Providers

Over 21,000+ providers participating in the NJHIN



## Public Health Registries

The NJHIN connects directly to NJ public health registries



## Long Term Care Facilities

Long Term Care facilities continue to be onboarded (currently 662)



Providers can connect once and use the NJHIN as a conduit to share information with many different types of organizations





# NJHIN TIMELINE



**2009**

HHS created state grants to facilitate and expand electronic use of health information

ARRA

**2014**

NJIT formed a 501(c)3 to create the New Jersey Innovation Institute (NJII)

**2015**

NJII named as the state designated entity to advance interoperability IT for the state of NJ

Initial creation of the Master Person Index (MPI)

Admission, discharge, and transfer alerts (ADT)

**2018**

Governor Murphy highlighted NJHIN as a priority, accelerating expansion

State mandated ADTs for hospitals, LTCs, and child-care funding

Medicaid Promoting Interoperability program supported providers to connect to the HIE and facilitate Transition of Care

*IAPD*

IAPD established to enhance access to state registries including PRA, emPOLST EMS, and Birth/Fetal Death, as well as use cases for access to consumer information & enabling behavioral health consent mgmt

**2019**

Substance Use Disorder Promoting Interoperability Program (SUDPIP)

**2020**

COVID-19 adds use cases and provides funds for addl. scale

NJ passed Bill 4476, which mandates ADTs and CDAs for long-term care facilities

*ELC / EDX / VAX*

CCDA transmission through NJHIN added as a use case

**2021**

CDC mandated electronic case reporting (eCR)

Expanded SUDPIP Program

MPI consolidation to 1 state source

**2022**

Additional expansion of use cases

Accelerating provider / facility uptake of NJHIN

NJHIN HITRUST certified

**2023 -**

**BEYOND**

Streamlined Modular Certification for operational Support Integrate Medicaid Enterprise System



Developing infrastructure



Launching use cases



Expanding NJHIN's impact



# NJHIN and Streamlined Modular Certification



- New Jersey leveraged the enhanced federal match under the HITECH program to implement and develop New Jersey's statewide HIE - the NJHIN
- NJHIN, in partnership with Division of Medical Assistance and Health Services and Department of Health, has been granted **Center for Medicare & Medicaid Services (CMS) Medicaid Enterprise System (MES) certification.**
- Certified status will allow for funding for ongoing operational support on Streamlined Modular Certification for Medicaid Enterprise Systems.





Currently, over 21k  
providers, NJ hospitals,

**960+**

long-term care, assisted  
living, and FQHCs  
are Trusted Data Sharing  
Organizations connected  
to the NJHIN.



# Why participate?

## Benefits of NJHIN connectivity

- Required for anyone receiving charity care funding
- Receive alerts on patient hospital events
- Improve patient outcomes
- Reduce hospital readmissions
- Improve care coordination
- Reach milestone 3 in the SUD PIP program
- Meet federal and state mandates
- Currently at no cost to participants





# 465 million+

notifications are sent and received by NJHIN per year from trusted data-sharing organizations



## 20k+

providers are currently enrolled in the NJHIN



# NJHIN HITRUST Certification



- NJII, a leading organization in Healthcare Innovation, and its key implemented systems, has earned **Certified** status for information security by HITRUST.
- NJII achieved HITRUST Certification May 25th, 2022, 2-year Certification to Manage Risk, Improve Security Posture, and Meet Compliance Requirements.
- HITRUST Risk-based, 2-year (r2) Certified status demonstrates that the NJII has met key regulations and industry-defined requirements and is appropriately managing risk.
- This achievement places NJII in an elite group of organizations worldwide that have earned this certification. By including federal and state regulations, standards, and frameworks, and incorporating a risk-based approach, the HITRUST Assurance Program helps organizations address security and data protection challenges through a comprehensive and flexible framework of prescriptive and scalable security controls.

Electronic Case Reporting (eCR)

Electronic Consent Management Registry (eConsent)

Birth/Fetal Death Registry (BFD)

Emergency Medical Services Registry (EMS)

Consumer Access

Electronic Practitioner Orders for Life-Sustaining Treatment (emPOLST)

Active Care Relationship Service (ACRS)

Consolidated Clinical Data Architecture (CCDA)

Admission, Discharge, Transfer Notifications (ADT)

Master Person Index (MPI)



## Use Case Exhibit (UCE)

A **Use Case Exhibit (UCE)** is a data sharing scenario with a specific purpose, type of data exchange, and description of interactions between people and systems.





There are currently more than

14,300,000+

Records in the Master Patient Index (MPI).

A Common Identifier across all NJHIN participants provides a safe way to ensure that information transferred across the state represents the correct patient.



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For more information and to get involved:



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