TRANSFORMATION TODAY & TOMORROW

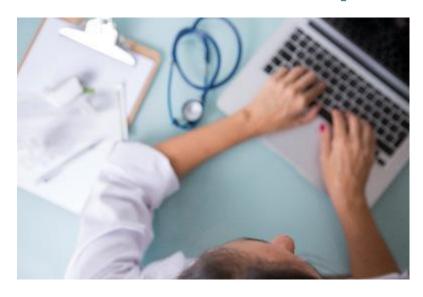
Integrating Care with HIE Event Notification

NC HealthConnex NC*Notify Service



North Carolina Health Information Exchange Authority

Overview of Topics



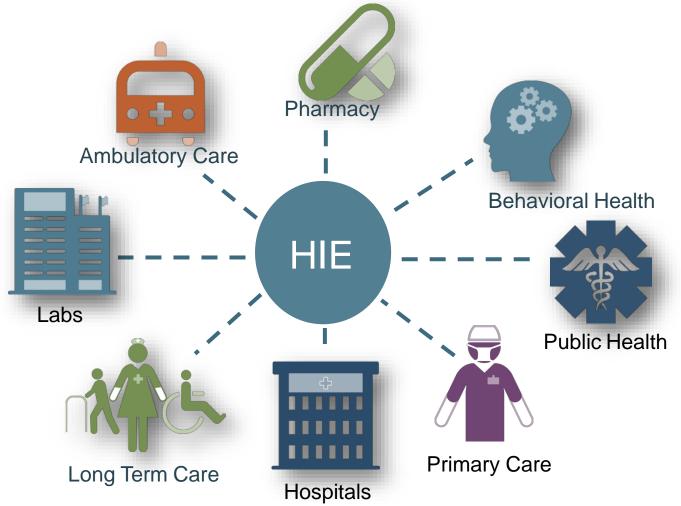


- Overview of HIE and HIEA
- HIE Mandate
- House Bill 70 (HB70)
- Participation Agreement / Compliance
- Behavioral Health Data Target
- Clinical Portal Overview
- NC*Notify Overview



What is Health Information Exchange (HIE)?

A Health Information Exchange (HIE) is a secure, electronic network that gives authorized health care providers the ability to access and share health-related information across a statewide information highway.





How Does Health Information Exchange Work?



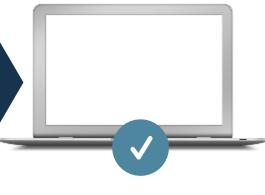
Electronic Health Record
Clinicians enter data into EHR and
that data is pulled/pushed into HIE







Clinicians who have care relationships with their patients are able to readily access that data





Elements Available

Current data elements available in NC HealthConnex include: Demographics, Allergies, Encounters, Medications, Problems, Procedures, Results, Immunizations, Vitals, Discharge Summaries, etc...



Security in Place

All data is protected, stored and accessed only for purposes permissible under federal and state law.



Who Are We?

We connect health care providers to safely and securely share health information through a trusted network to improve health care quality and outcomes for North Carolinians.





SECURE



PARTNERSHIP

NC HealthConnex, By the Numbers:

- Over 55,000 providers with contributed records
- 4,700 plus health care facilities live submitting data, including 98 hospitals
- 7,500 plus health care facilities in onboarding
- 52 million+ continuity of care documents (CCDs) exchanged
- 8M+ unique patient records
- Over 225 unique EHRs engaged
- 5 border and intra-state HIEs connected



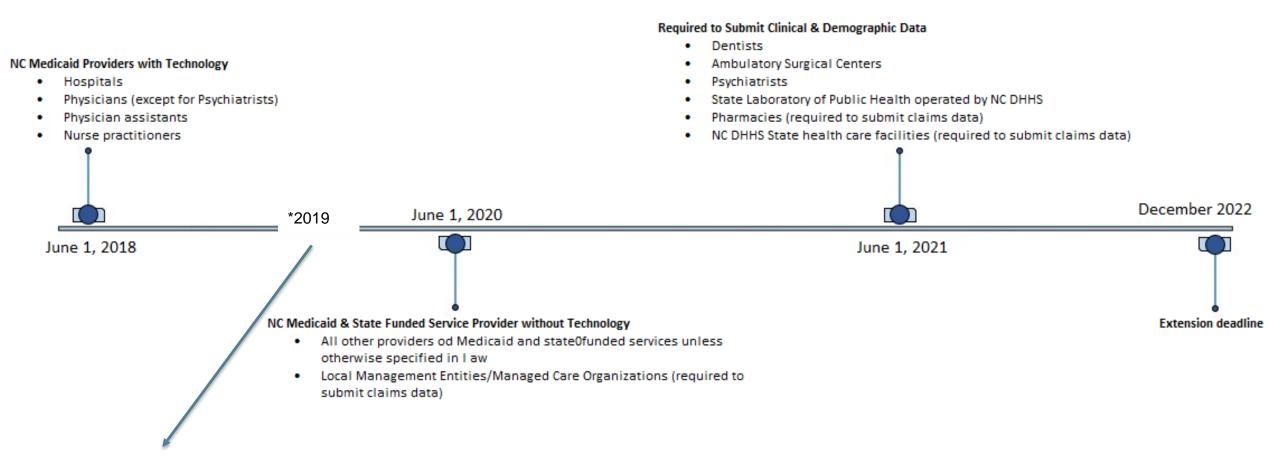
What Does the Law Mandate?

Hospitals as defined by G.S. 131E-176(3), doctors (licensed to practice under Article 1 of Chapter 90 of the General Statutes), and mid-level practitioners who provide Medicaid services and who have an electronic health record were required to connect by June 1, 2018.

All other providers of Medicaid and state-funded services shall connect by June 1, 2020, except;

- Dentists, Psychiatrists, ambulatory surgical centers and the North Carolina State Lab are required to submit clinical and demographic data by June 1, 2021
- Pharmacies are required to submit claims data pertaining to State services once per day by June 1, 2021 using pharmacy industry standardized formats
- State health care facilities operated under the jurisdiction of the Secretary of the Department of Health and Human Services, including State psychiatric hospitals, developmental centers, alcohol and drug treatment centers, neuromedical treatment centers, and residential programs for children such as the Wright School and the Whitaker Psychiatric Residential Treatment Facility are required to submit claims data by June 1, 2021
- Prepaid Health Plans, as defined in S.L. 2015-245, by the commencement date of a capitated contract with the
 Division of Health Benefits for the delivery of Medicaid and NC Health Choice services as specified in S.L. 2015-245.
 and Local management entities/managed care organizations, as defined in G.S. 122C-3, shall submit encounter and
 claims data by June 1, 2020.

What Does the Law Mandate?



^{*}Prepaid health plans must connect by the start of their capitated contracts entered into with the NC Division of Health Benefits



Sensitive Data

- 42 C.F.R. Part 2 prohibits certain health care providers from disclosing data that would identify a patient as having a substance use disorder without patient consent
- HIPAA covered entities are prohibited from sharing a patient's psychotherapy notes (See 42 C.F.R. 164.508)

or SUD data covered by 42 C.F.R. Part 2

Participants are prohibited from

submitting psychotherapy notes

*See C.F.R. 2.12(b) and consult with your legal counsel to determine if you are covered by this regulation.



House Bill 70 – PASSED and Signed Into Law (06/06/19)

- Only requires health care providers licensed in the State of NC to connect.
 Providers in other States can connect voluntarily.
- Provides an additional year for providers <u>previously falling under the June 1, 2019, timeline</u>. Moving the required **connectivity date to June 1, 2020.**
- Extends the final deadline (i.e. the "end" date) for all entities to connect to 2022, which allows providers more time to comply and aligns with deadline updates made to the HIE Act in 2018 for pharmacies, dentists, and ambulatory surgical centers.
- Clarifies that data that passes to or through NC HealthConnex is not public record.



House Bill 70 - PASSED 6/06/19

<u>Voluntary Participation for Certain Providers – these providers no longer required to submit data to</u> <u>the HIE Network but may still participate on a voluntary basis.</u>

- Community-based long-term services and supports providers, including personal care services, private duty nursing, home health, and hospice care providers.
- Intellectual and developmental disability services and supports providers, such as day supports and supported living providers.
- Community Alternatives Program waiver services (including CAP/DA, 21 CAP/C, and Innovations) providers.
- Eye and vision services providers.
- Speech, language, and hearing services providers.
- Occupational and physical therapy providers.
- Durable medical equipment providers.
- Non-emergency medical transportation service providers.
- Ambulance (emergency medical transportation service) providers.
- Local education agencies and school-based health providers.



Reference: https://www.ncleg.gov/Sessions/2019/Bills/House/PDF/H70v7.pdf

NC HealthConnex Participation Agreement

The contract governing data sharing between the NC HIEA and Health Care Organization

Log on to:

nchealthconnex.gov/how-to connect

- ✓ Complete the Participation Agreement
- The <u>Full Participation Agreement</u>, which is aligned with the eHealth Exchange the Data Use and Reciprocal Support Agreement or DURSA, will allow providers full use of current and future NC HealthConnex value-added features and satisfies the State requirement to submit clinical and demographic data. Organizations with a Full Participation Agreement may send all patient data to support whole person care or may choose to send only state-required data. Full participants with a uni-directional connection can access patient data using the NC HealthConnex clinical portal. Note: A bi-directional interface is not required with this agreement.
- The <u>Submission Only Participation Agreement</u>, will enable a provider to submit the clinical and demographic data required by law in a uni-directional technical connection in order to be in compliance with the HIE Act. However, this agreement will prohibit all other data exchange services, including HIE data query and response, clinical or event notifications, and public health registries. Participants with a Submission Only Agreement should consult with legal counsel prior to sending data that does not pertain to health care services paid for with State funds pursuant to the HIE Act. Being able to only submit State funded data will also depend on the technical capability of your EHR vendor to implement data filtering.
- ✓ Submit to hiea@nc.gov



What Data Elements Will You Need to Submit?

The NC HealthConnex Data Target

We aim to collect all Meaningful Use Data Elements

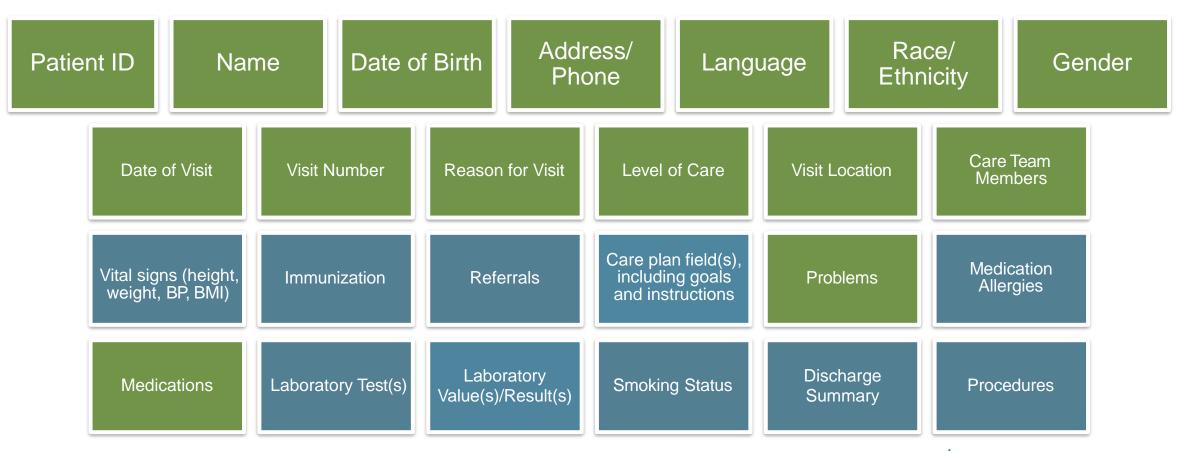
Address/ Race/ Patient ID Name Date of Birth Gender Language Phone **Ethnicity** Care Team Reason for Visit Date of Visit Visit Number Level of Care Visit Location Members Care plan field(s), Vital signs (height, Medication Referrals **Immunization Problems** including goals weight, BP, BMI) Allergies and instructions Laboratory Discharge Medications **Smoking Status Procedures** Laboratory Test(s) Value(s)/Result(s) Summary



Required Elements for BH and IDD Providers

The NC HealthConnex Data Target

We aim to collect all Meaningful Use Data Elements





Outbound Services



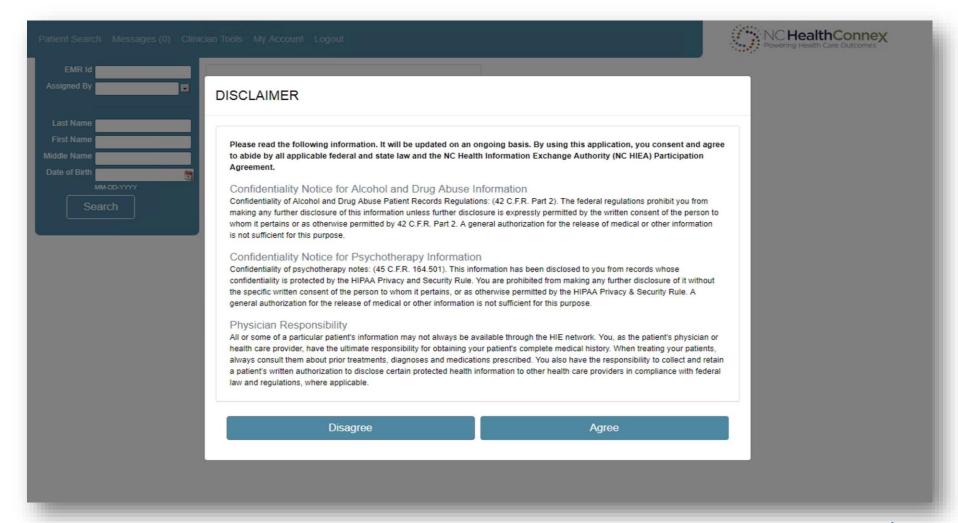


- Web-based clinician portal accessible at <u>https://portal.nchealthconnex.net</u>
- Longitudinal patient records with data from all participating entities
- Direct Secure Messaging (DSM) for HIPAA-compliant sharing of records

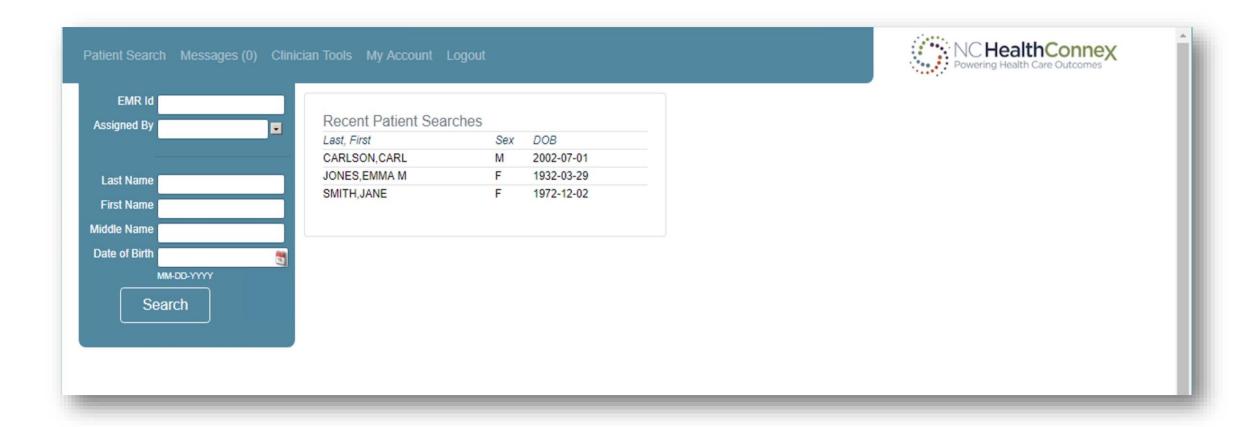


Notice: The NC Health Information Exchange Clinical Portal and Direct Secure Messaging (Web Communicate) will experience regularly-scheduled, routine maintenance every third weekend. The outage is planned to begin at 7:00 AM EST on Saturday. We apologize for any inconvenience this may cause. NC HealthConnex Powering Health Care Outcomes DemoID1 Login NC HIEA DEMO ENVIRONMENT The North Carolina Health Information Exchange Authority (NC HIEA) operates North Carolina's statewide health information exchange, NC HealthConnex. This secure, standardized electronic system promotes the access, exchange, and analysis of health information. Login Agreement Please note that every time you login, you are agreeing to the terms signed by your organization, that provided you with a unique User ID, including (but not limited to) the following:

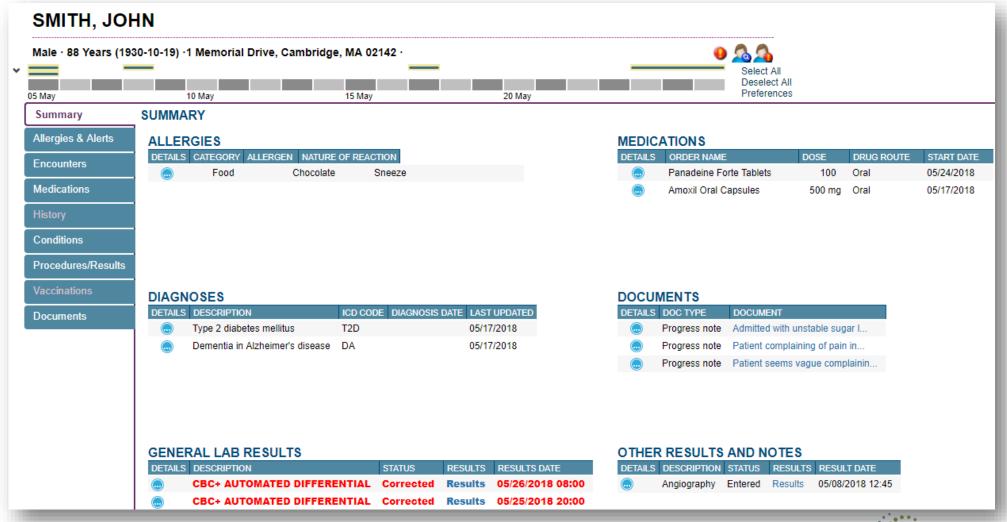


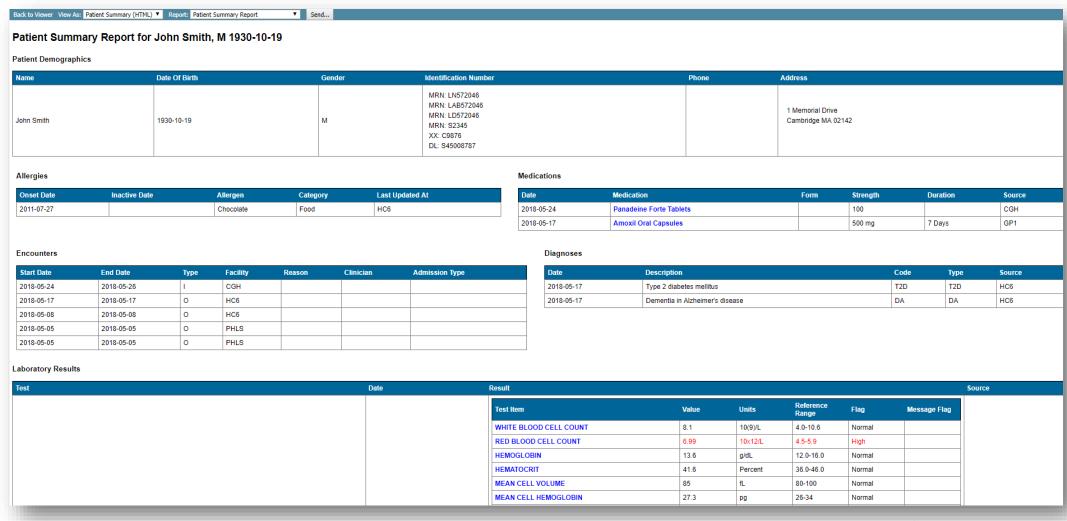














Clinical Portal: User Testimonials

"I was able to confirm that a patient of mine who had **several outstanding referrals** to different care organizations had not
rescheduled her appointments as planned – this saved time for me
and the medical records staff from having to log into three separate
Epic systems to get the same information."

Independent Physician's Office

"I use the portal to look up labs, test results, consult notes from other providers for quality reporting. This data is provided to insurance companies and other agencies. I also use it to see if the patient has changed practices or has seen specialists. It provides an accurate picture of where the patient has been in their health care journey, while saving valuable time and research."

FQHC Case Manager

"At the Open Door Clinic, we see many patients that have visited the ED and have been hospitalized for chronic medical **conditions**. The documents we receive directly from NC HealthConnex allow us to have all of the information we need at our fingertips. There is no interruption of workflow to request records, rescheduling patients until we have all of the information we need, or even having to track down specialist referral notes. Those providers are in the system and are sending the data that we need via NC HealthConnex! The other side to this is the **ED and** hospital providers have access to the information we are sharing since our doctors are not on call at all hours. The continuity of care

Mandy Horner, RN, BSN – Clinical Director for the Open Door Clinic dba Urban Ministries of Wake County

is incredible! We Love it!"

NC*Notify



Addressing Challenges

- Knowing where their patients receive care outside of their Organization or EHR
- Limited patient search capabilities in the clinical portal -- Finding events in the HIE requires the Provider explicitly search for a Patient
- Ensuring and supporting successful transitions of care if they are <u>not</u> notified of events in a timely manner



NC*Notify - Event Notifications Service

- Subscription based "push" alerting for clinical events
- Extends care team's view of patient movement across state and nationally
- Provides notification to providers for timely follow-ups to meet federal requirements
- Closes transitions-in-care gaps



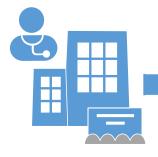
NC*Notify Overview

Step 1

Participant Submits Patient
File for NC HealthConnex to
Monitor

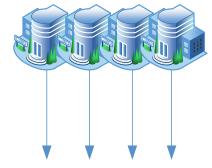
Technical Details

- Flat file with patient demographics
- Sent via sFTP/DSM



Step 2

Other Participants Submit
Admission & Discharge Messages
(ADT)





Step 3

Participant Receives
Notification File

Technical Details

- Flat file with patient.
 Demographics and visit details
- Sent via sFTP/DSM
- Participant defines delivery schedule





NC*Notify Current State

Patient Panel
Organization
Patient ID (MRN)
Patient Name
Date of Birth
Gender
Address
Phone
SSN
Drivers License #
Primary Care Physician
Custom Fields

Current Metrics

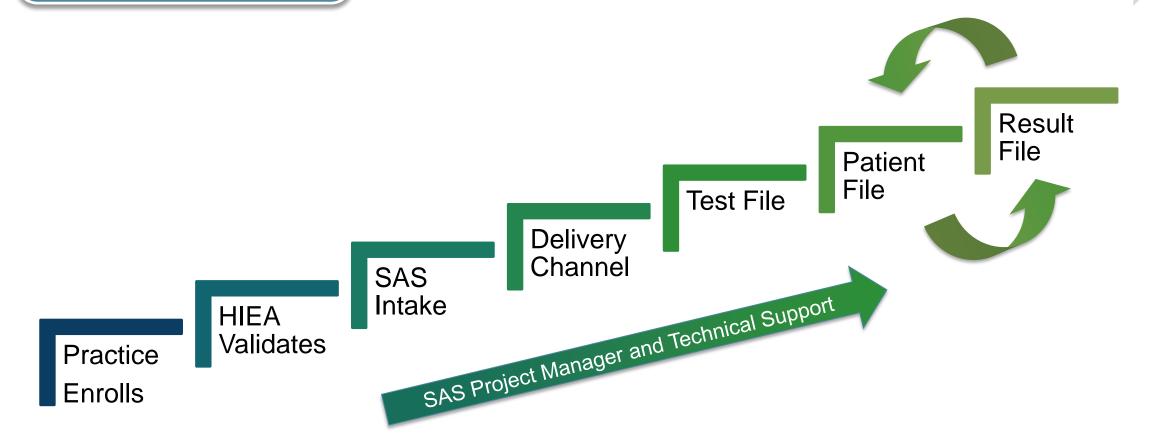
- ✓ 1.4M Patients Tracked
- √ 49 Participants live
- ✓ Most receiving daily files
- ✓ Most updating panels weekly

Notification Content
Patient Info
Event Date
Date Received
Event Type
Patient Class
Participant Feed
Facility
Diagnosis
Visit Number
Discharge Disposition
Discharged To Location
Death Indicator
Date of Death

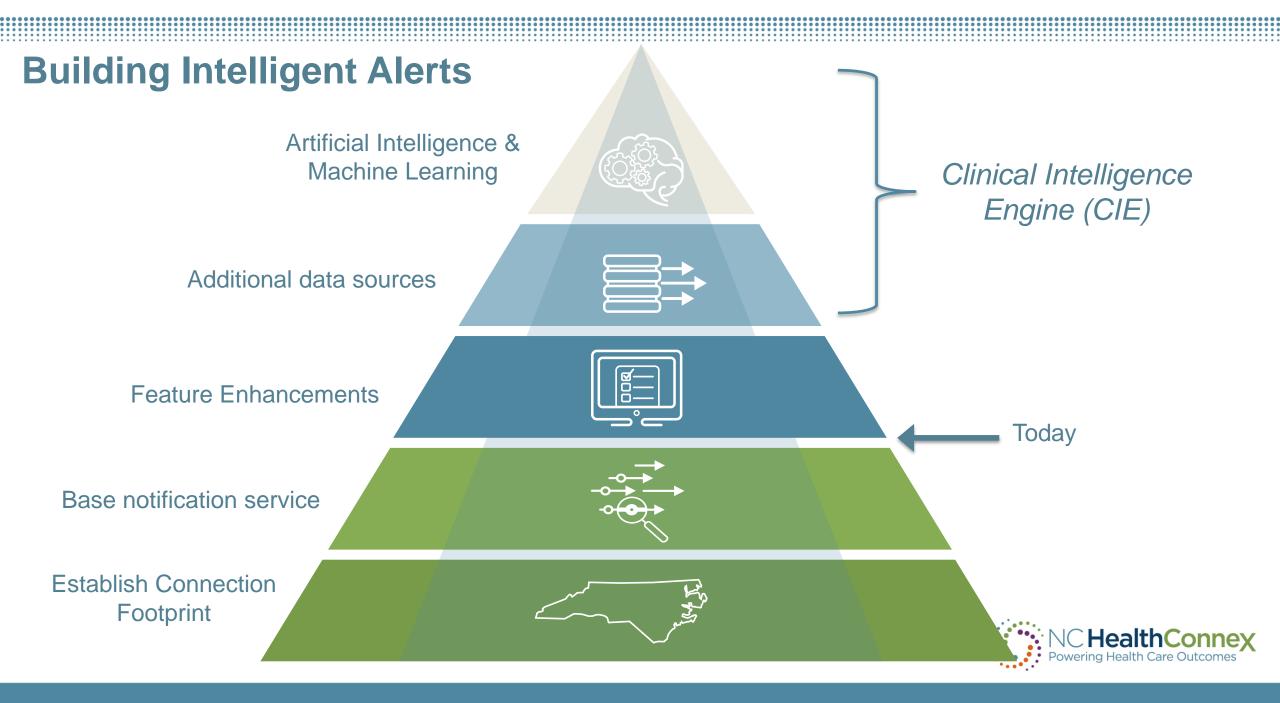


NC*Notify

Onboarding Steps







Use Case Reports

The emergency ADT feed from NC Notify I reviewed yesterday was timely and when I went into HealthConnex to pull the CCD I was able to get some valuable information regarding the physical condition of the client which could then be shared with the direct care staff in the program as the **guardian failed to let us know when she dropped the child off for treatment.**

-Behavioral Health Agency

"With services like NC*Notify – the entire care team can have much-needed information to keep patients safe during the riskiest times: when they transition between one care entity and another."

- FQHC Participant

A large hospital system is utilizing NC*Notify to gain insights into other facilities **in their system** that are not on the same EHR as well as for feeding of **downstream care management dashboards**.



Questions?

For more information visit,

www.nchealthconnex.gov

Tel: 919-754-6912

E-mail: hiea@nc.gov

Kenya Servia, Outreach Specialist Kenya.Servia@nc.gov

Eric Myers, Sr. Technical Consultant Eric.Myers@sas.com



Appendix

