
The Changing Face of Public Health

Megan Davies, MD

NCDHHS

Division of Public Health

Forces of Change

- External
 - Health Care Reform
 - Health Information Technology
 - Economy
 - Internal to NC Public Health Enterprise
 - Vision for LHD-DPH partnership in CD work
 - Nurse consultants
 - Outbreak response
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Health Care Reform

- Health care delivery
 - Fewer uninsured
 - First dollar coverage for preventive services
 - Quality Improvement model
 - Core public health services
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Core Public Health Services

- Communicable Disease Control
 - Surveillance, investigation, testing and treatment (STDs and TB), other control measures (e.g., I & Q, PEP)
 - Immunizations
 - Assurance and enforcement
 - Birth and Death Registration
 - Preparedness
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Health Information Technology

- Electronic Health Records
 - Electronic Health Information Exchange (HIE)
 - Electronic Surveillance Systems
 - Faster, more complete, more transparent
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HIT Goals

- Improved healthcare quality
- Better health outcomes
 - Individuals
 - Populations
- Control costs
- Better engage health care consumers

Public Health HIT

As Is

- NC Immunization Registry
 - NC Vital Records
 - NC Electronic Disease Reporting
 - NC PHIN (HAN)
 - NC DETECT (NCHESS, PreMis)
 - SLPH LIMS (Electronic Lab Reporting)
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Public Health HIT

To Be

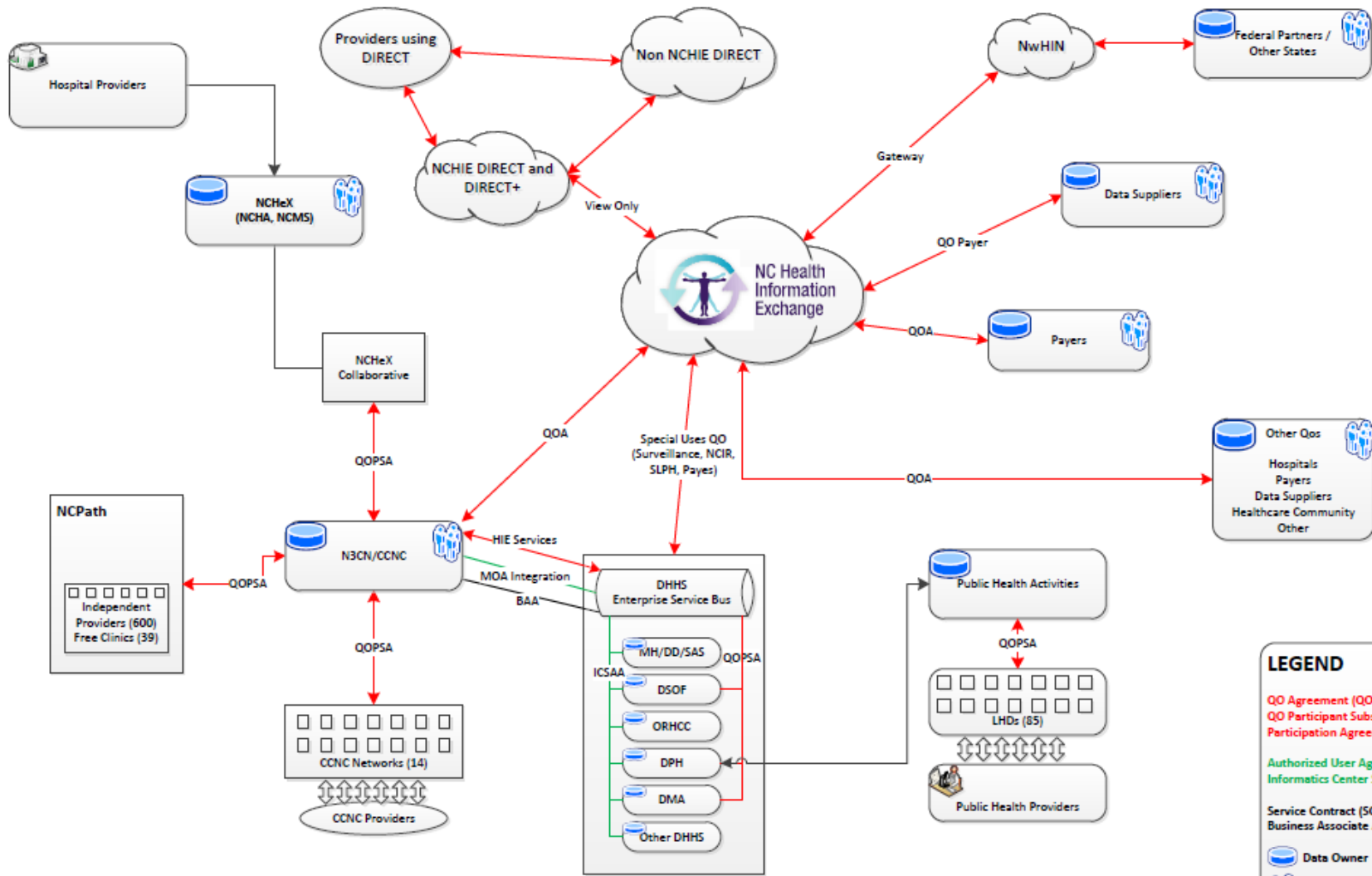
Health Information Exchange can:

Improve Public Health Surveillance:

- Timely and more complete notifiable disease reporting
 - More efficient case investigation
 - Better prevention and surveillance of chronic conditions and maternal-child health
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What is NC HIE?

- NC HIE operates North Carolina's **statewide health information exchange**, a secure, standardized electronic system where providers can share important patient health information.
 - The use of this system promotes the access, exchange and analysis of health information.
 - Enables participating organizations to:
 - Save time and reduce paperwork
 - Facilitate more informed treatment decision-making
 - Leads to improved care coordination, higher quality of care, and better health outcomes
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LEGEND

QO Agreement (QOA)
 QO Participant Subscription Agreement (QOPSA)
 Participation Agreement (PA)

Authorized User Agreement (AU)
 Informatics Center System Access Agreement (ICSAA)

Service Contract (SC)
 Business Associate Agreement (BAA)

Data Owner
 Authorized Users / Other Participants

Information accessible through the NC HIE

- Patient Identifier and Demographics
 - Encounter History
 - Laboratory and Microbiology Results
 - Radiology Reports and Images
 - Adverse Reactions/Allergies
 - Medication History
 - Diagnosis/Conditions/Problems (primary and secondary)
 - Immunizations
 - Dictated/Transcribed Documents
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Economy

- Doing less with less
 - Triage
 - Clear focus on mission
 - Showing the effectiveness of public health
 - We do not get to give up!
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LHD-DPH Partnership

- TATP
 - Epi on call
 - Public health veterinary consultation
 - Outbreak support
 - Outbreak training
 - On-site support
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We are in this
together.
