



Strategic Health Information Exchange Collaborative

# Health Information Exchange Organization impact

**2019 SHIEC Survey Results** 



David C. Kendrick, MD, MPH CEO, MyHealth Access Network Board, Strategic HIE Collaborative Board Chair, National Committee for Quality Assurance Unique features of Health Information Exchange Organizations

• Centralized data models enable:

Presentation

- · Near-real time data flow, pushed when and where needed
- Identity resolution using master person indices
- Code normalization and data quality improvement
- Local/regional governance enables:
  - Use cases tailored to community preferences and trust
  - Policies that account for local and state privacy laws
- Broad multi-stakeholder participation enables interoperability and data exchange with unique and critical partners such as:
  - Social service agencies
  - Correctional healthcare

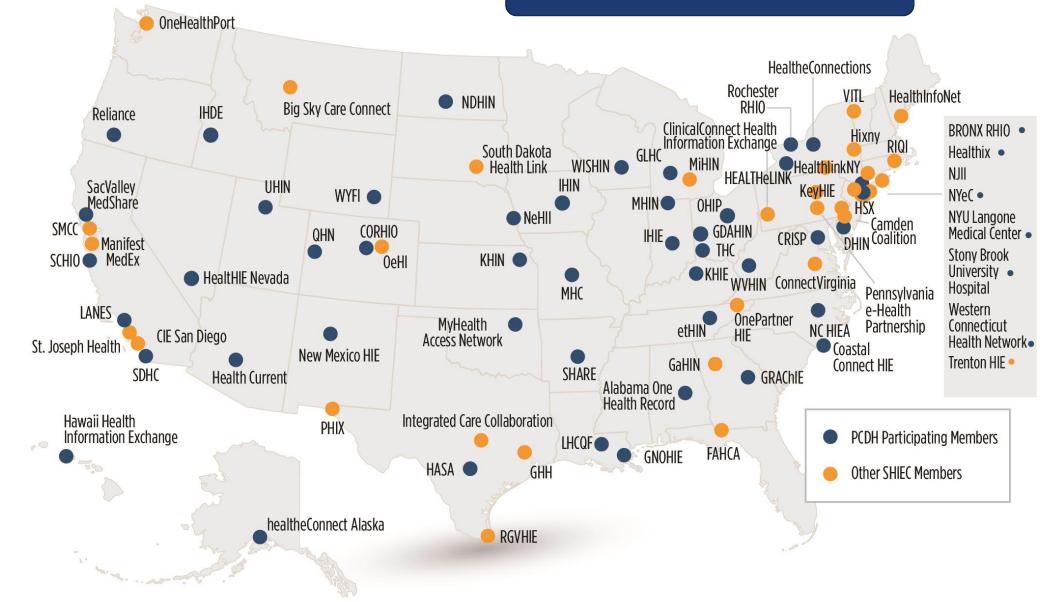


- SHIEC is an association of Community HIE Organizations
  - 77 Full and Associate Members
  - >100 Strategic Business and Technical members
- 2019: Annual Member Survey
  - 81% Response Rate
  - Topics include governance, policy, business models, technology, data exchanged, participation in nationwide interoperability models

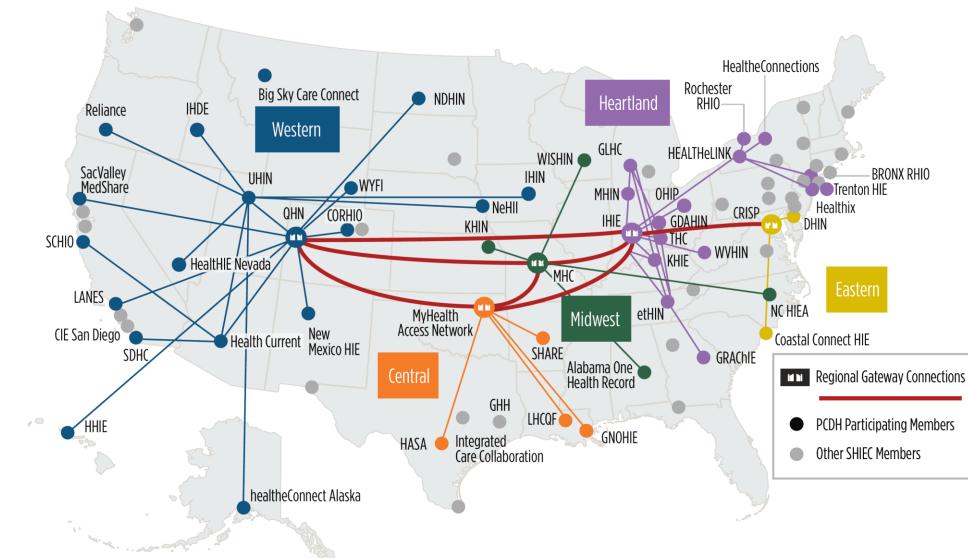
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#### **HIEs now span the nation**

#### >92% of the US Population



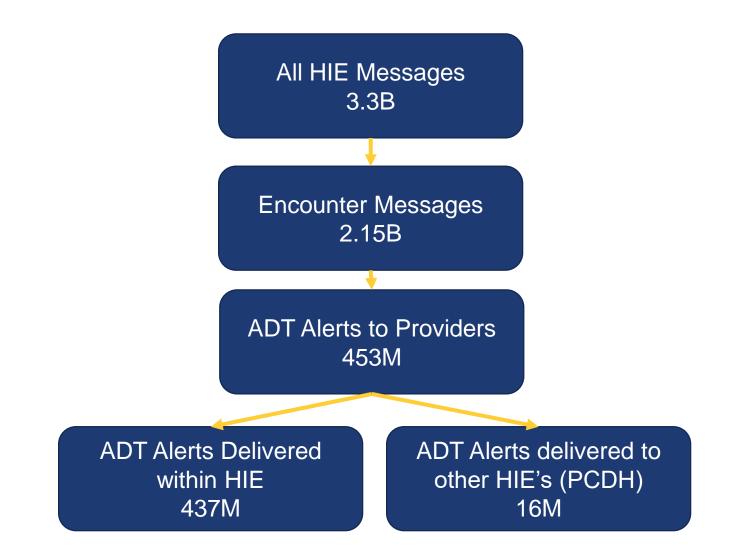




>16M Alerts and messages *PUSHED* between HIEs annually



## **Nationwide Alerting through HIE's**



#### Annual Data Volumes by SHIEC Health Information Exchanges

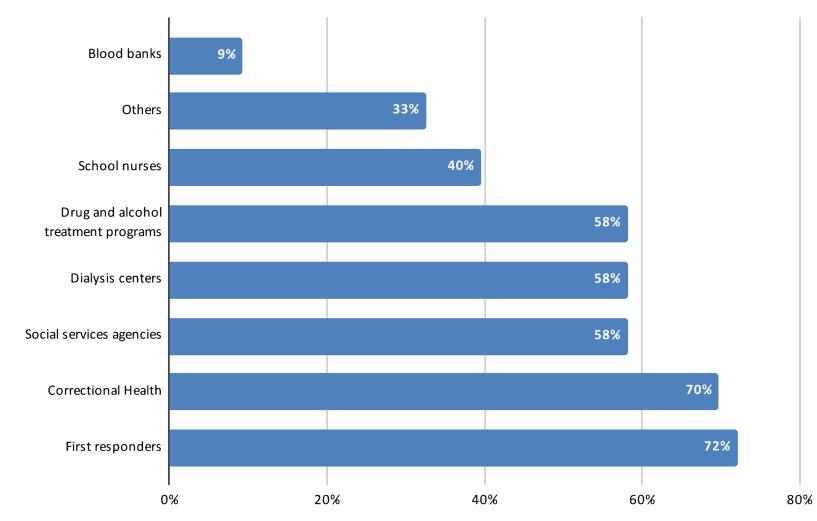
3.3 billion messages exchanged annually

Healthcare Encounters 2,149,173,208	Lab and Imaging Results 614,697,564	Care Summaries 524,767,204
	ADT Alerts 453,315,793	Other 338,920,920
		Immunizations 52,991,328
		Clinical Documents 113,763,988

## **HIE's connect whole communities and unique partners**

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#### **Community Partnerships unique to HIE's**



Beyond data exchange: Advanced Analytics Services provided by HIEs

Presentation

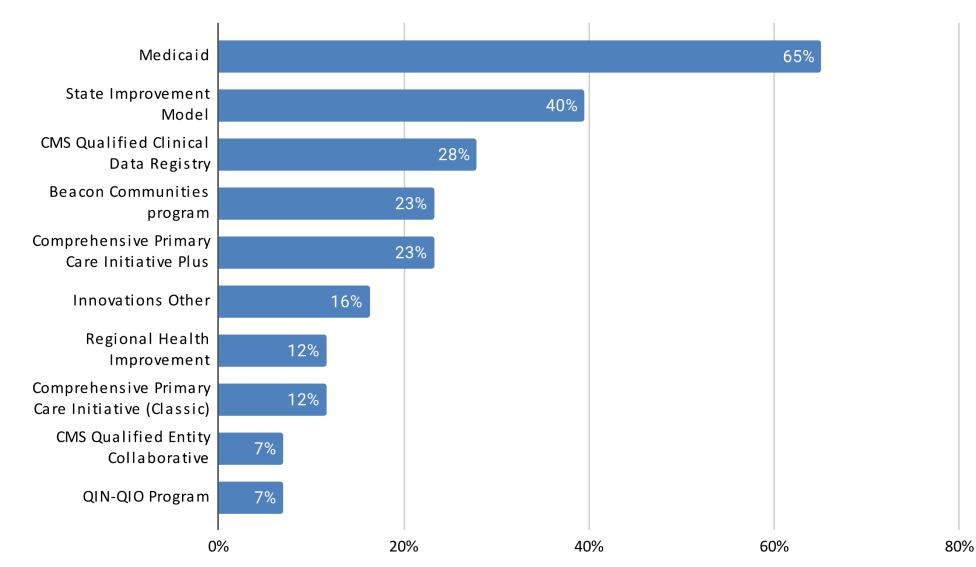
Alerting and 66% monitoring reports Public health 63% reports Electronic clinical 44% quality measures Frequent flyer 44% reporting Care gaps 39% **Risk assessment** 39% and stratification Other 37% Claims based 34% measures and Opiate monitoring 27% 0% 20% 40% 60%

Analytics Services Provided by HIE's



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Federal Program Participation by HIE's







- HIEs have grown to span the nation and serve nearly all Americans
- The Patient Centered Data Home<sup>™</sup>, the only nationwide network to proactively push data, continues to grow rapidly
- HIEs connect an expanding scope of health and social organizations
- HIEs move more data than any other nationwide interoperability network
- HIEs are a cost-effective component of critical national infrastructure



# **Contact SHIEC**

Kelly Thompson, CEO <u>www.StrategicHIE.com</u> <u>Info@StrategicHIE.com</u> 1-877-MY-SHIEC

#### Phone: 202-690-7151

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