The Office of the National Coordinator for Health Information Technology

Measuring How Various "Flavors" of Health Information Networks Enable Interoperability

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Both national networks and HIOs play a critical role in enabling exchange nationwide

		Participate in National Network	
		Yes	No
Participate in State, Regional, and/or Local HIO	Yes	46%	27%
	No	11%	15%

SOURCE: 2018 AHA Annual Survey Information Technology Supplement. Hospital participation in national network excludes Surescripts.
Pylypchuk Y., Johnson C., Patel V. State of Interoperability and Methods Used for Interoperable Exchange among U.S. Non-federal Acute Care Hospitals in 2018. ONC

Both national networks and HIOs play a critical role in enabling exchange nationwide

Method Using a Third-Party	Send	Receive	Query
Standalone Health Information Service Provider (HISP) or HISP provided by a third party	61%	49%	na
State, regional, or local HIO	59%	46%	46%
Single EHR vendor network	43%	41%	34%
Multi-EHR vendor network	35%	32%	32%

ONC relies on surveys to measure how national networks and HIOs are enabling exchange and interoperability

- We know the types of providers that are engaged in exchange, what methods they are using to enable exchange and to a certain extent the barriers providers face

- However, there are limitations to this approach.
  - Self-reported and subject to (mis)interpretation
  - Difficult to measure certain topics via survey (e.g., volume, usage, impacts)
  - Burden

- As the Trusted Exchange Framework moves forward, it will be important to better understand the usage of various networks to enable exchange and interoperability beyond surveys

Today's session will provide insights on how different types of networks measure exchange and interoperability

David Kendrick, MD, MPH, FACP, Founder & CEO of MyHealth Access Network

Scott Stuewe, President and CEO of DirectTrust

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