



CynchHealth

IOWA

Annual Report

2023

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BOARD OF DIRECTORS

Dr. Jaime Bland

CyncHealth

Lee Carmen

University of Iowa Healthcare

Dr. Marcel Devetten

Unity Point Health

Rob Frieden

Genesis Health System

Ron Kloewer

Montgomery County Memorial Hospital

Sarah Reisetter

Iowa Department of Public Health

Robert Schlueter

Iowa Department of Human Services

William Schoenenberger

Retired, Consumer Member

Laura Smith

Unity Point Health

Dr. Richard Stone

Iowa State University

Dr. Christina Taylor

The Iowa Clinic

Aaron Todd

Iowa Primary Care Association

A MESSAGE

FROM THE CYNCHHEALTH IOWA BOARD CHAIR

I am honored to be able to share the 2023 CyncHealth Iowa Annual Report with you. The information in this report highlights the significant work the talented team at CyncHealth has accomplished this year to support health care in Iowa. I want to express my sincere gratitude to everyone involved for their hard work and passion that has brought us to this point.

In this report, you will learn about a few of our significant accomplishments, such as the launch of the Iowa Bed Occupancy Dashboard. This dashboard monitors bed capacity across the state in real-time, providing critical information for our participants in making decisions about patient transfers, patient intake, and clinical staffing. This dashboard also helps policymakers and public health officials monitor trends and analytics that could impact healthcare outcomes for our communities.

This year, the CyncHealth Iowa Board also approved an entirely new direction relating to information systems architecture, transitioning from more traditional data management strategies to a state-of-the-art solution that uses HL7 FHIR (Fast Healthcare Interoperability Resource) solutions for accessing and processing clinical data. This direction will reduce dependencies on external vendors and provide significantly greater capabilities for interfacing with the many different computer systems currently in use across healthcare providers in the state. The federal government has designated FHIR as the future of data interoperability in health care, and Cynchealth Iowa is now at the forefront of leveraging this technology at a state level.

As we continue to work at the intersection of healthcare operations and technology, the Board remains committed to its responsibilities to innovate in the use of healthcare data to improve care delivery across the state in a reliable, safe, and secure manner. Together with the talented staff at Cynchealth Iowa, the dedicated and experienced professionals on the Board, and the growing partnerships with healthcare organizations across the state, I am excited for all the future opportunities to improve healthcare for the citizens of Iowa.

Lee Carmen
CyncHealth Iowa Board Chair





2023

BOARD HIGHLIGHTS

- Technical Deep Dive in Des Moines, IA | January
- In-person strategic planning for Board members
- CyncHealth Iowa Board Members Retreat in Cedar Rapids | August
- Approval of the FHIR API Build
- Collaboration with Iowa Healthcare Collaborative, Iowa Hospital Association, and Medicaid/MCO
- Strong partnership with Iowa Health and Human Services



KEY ACHIEVEMENTS

2023 saw continued maturity of the health data utility in Iowa.

Onboarding of participants continued in January 2023. This consists of connections of Radiology, Lab, Immunizations, Medication Management, and Clinical Documentation. We've reached our onboarding milestone for Iowa, completing the internal build phase which effectively rebuilds the Iowa HIE infrastructure. We are now in the process of onboarding and optimizing hospitals and clinics. This was a huge undertaking - going from less than 30 feeds to now more than 800 feeds.

As of December 22nd, **104 of 118** hospitals and health systems have completed onboarding.

The ongoing efforts of the CyncHealth team have led to several key successes in Iowa in 2023, including:

BED DASHBOARD LAUNCH

The Bed Capacity Dashboard for Iowa has officially launched! This cutting-edge dashboard not only provides real-time insights but also directly sources live data from the HIE, allowing for near-real-time updates. In contrast to products that can take days to refresh data, our dashboard refreshes every 15 minutes. It seamlessly integrates hospital admissions, discharges, and transfer data from across the state of Iowa, ensuring that our participants have the most up-to-date and accurate information at their fingertips.

STATE PARTNERSHIP

A continued close partnership with Iowa Health and Human Services. The State has continued to support CyncHealth Iowa through contracts as well as providing multiple funding opportunities to facilities joining the health information exchange.

TOWN HALLS

The 2023 Iowa Town Halls brought together CyncHealth stakeholders across various industries and roles. Town halls were held in early December in Davenport and Red Oak, respectively. These events saw fantastic discussions and connections made.

Attendees made up a broad representation of roles across the industry, including nurses, physicians, information and security, healthcare administration, policymakers, CyncHealth Board Members, care coordinators, and more.

FHIR API INFRASTRUCTURE

A robust roadmap was approved by the board earlier this year, which transitions CyncHealth Iowa to a FHIR API model. This change reduces our vendor dependencies and modernizes how we're exchanging information. Although federal guidance has been clear that FHIR APIs are the future of interoperability, CyncHealth is at the front of the pack in implementing such a system.

In October, Orion was sunset and work began on the FHIR API infrastructure. The first FHIR API build for Iowa is the ADT feed, which has moved into beta testing.

While there is still work to be done, to CyncHealth Iowa's knowledge, this is the only project of its kind ongoing in the country to move to modernized API based infrastructure. This means better data, both in quality and completeness.

PARTICIPATION

There are over 150 locations actively participating in CyncHealth Iowa, including major health systems, critical access hospitals, independent hospitals, and payers, as well as public health departments, federally qualified health centers, and behavioral health providers across the state.

SERVICES

Electronic Lab Reporting

Electronic Lab Reporting (ELR) for public health is the transmission of digital laboratory reports to state and local public health departments. Rapid reporting of higher quality, actionable data allows for improved detection of public health threats and faster public health intervention.

Syndromic Surveillance

109 out of **118** hospitals and health systems are sending Syndromic data as of December 2023. Three more care sites are on track to be completed by the end of 2023, for a total of 112.

Direct Secure Messaging

By offering Direct Secure Messaging through Secure Exchange Solutions (SES), CyncHealth's network can continue to grow while meeting industry requirements for prompt electronic sharing of public health and clinical data exchange. This year, CyncHealth Iowa added two options for direct secure messaging: a free web-portal service and an EHR-integrated messaging services which is available at a minimal additional annual fee.

Image Trend

Implementation of the EMS Image Trend system took place in 2022. This interface allows participants to gain access to documentation from emergency and fire transport services directly in the HIE. Facilities will have access to this data which will add to the longitudinal health record of patients.

Bed Dashboard

The Bed Capacity Dashboard is a comprehensive platform that will provide near real-time bed occupancy information (staffed and available beds). Easy to understand, detailed, and actionable, the dashboard will save providers valuable time looking for admission and transfer opportunities based on type and/or level of care for their patients for inpatient or post-acute care. It's updated every 15 minutes, delivering capacity planning during peak seasonal outbreak events, such as Influenza or Respiratory Syncytial Virus (RSV) or in the event of another pandemic.

This technological advancement empowers our stakeholders in making informed decisions around patient transfers, optimizing patient intake, and streamlining staffing decisions while offering policymakers and public health officials invaluable insights into healthcare trends and analytics that shape our communities' healthcare outcomes.

SDOH Platform

The Unite Iowa platform, powered by CyncHealth, offers Iowa providers and community-based organizations (CBOs) the ability to make and accept referrals in a closed-loop network system, which ensures all referrals are resolved and no patient gets lost in the shuffle. 2023 saw significant growth and expansion of the network with the most common services offered by Iowa organizations continuing to be Individual & Family Support, Housing & Shelter, Education, Food Assistance, and Social Enrichment. The most needed services have been Housing & Shelter, Food Assistance, Clothing & Household Goods, Utilities, and Individual & Family Support.

As of December 2023, there are thousands of organizations connected to the Unite Iowa Network. Over 1,900 users have received access to the platform, with an average of 2.1 cases per client.

2022

FINANCIAL HIGHLIGHTS

Iowa Health Information Network, Inc.

Change in Net Assets - Final Audit
December 31, 2022

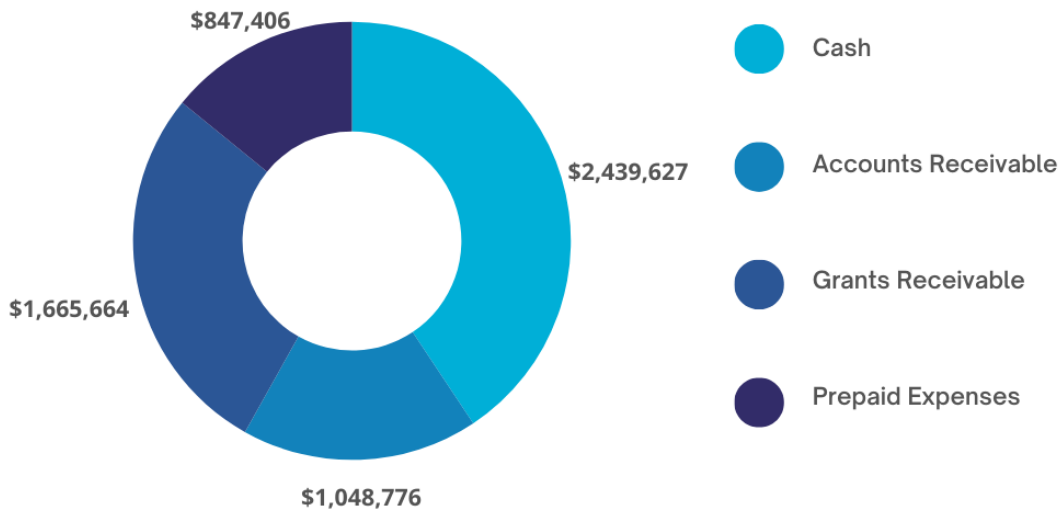
Participation Fees	\$490,991
Grants & Contracts	\$11,458,699
Gain on Debt Forgiveness	\$64,391
Misc. Revenue	\$6,094
Total Revenue	\$12,020,175
Hosting & Systems	\$2,670,484
Contracted Development & Subcontractors	\$3,478,204
Implementation and Installation	\$1,149,000
Contracted Labor	\$730,350
Insurance	\$82,281
Conferences, Subscriptions, Memberships	\$17,254
Professional Services	\$46,805
Travel & Meals	\$13,698
Advocacy	\$17,081
Total Expenses	\$8,205,157
Change in Net Assets	\$3,815,018

Iowa Health Information Network, Inc.

Balance Sheet Final Audit December 31, 2022

Total Assets

\$6,001,473



Cash	\$2,439,627	Accounts Payable	\$1,830,622
Accounts Receivable	\$1,048,776	Other Liabilities	\$299,136
Grants Receivable, net	\$1,665,664	Due to Related Orgs	\$1,429,300
Prepaid Expenses	\$847,406		
		Total Liabilities	\$3,559,058
		Net Assets	2,442,415
Total Assets	\$6,001,473	Total Liabilities & Net Assets	\$6,001,473

