contexture℠

Contexture Update

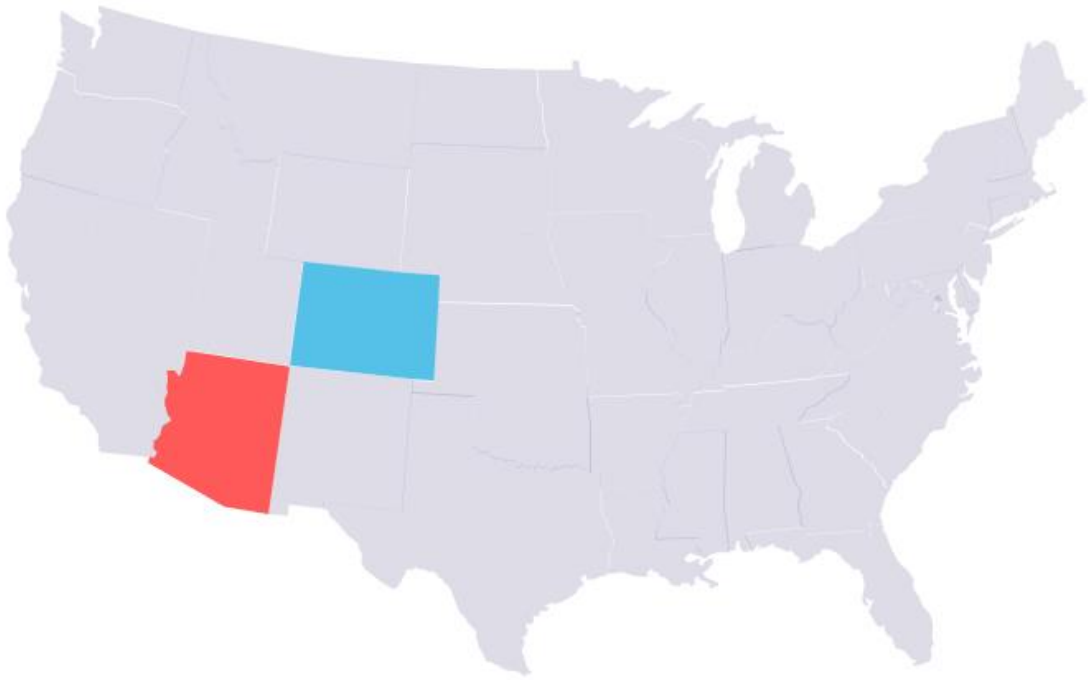
Arizona HIE Summit & Trade Show

September 19, 2022

Overview

- Contexture Basics
- Contexture Services Updates
- 2023 – 2025 Strategic Plan
- National Interoperability Efforts

Regional HIE Landscape

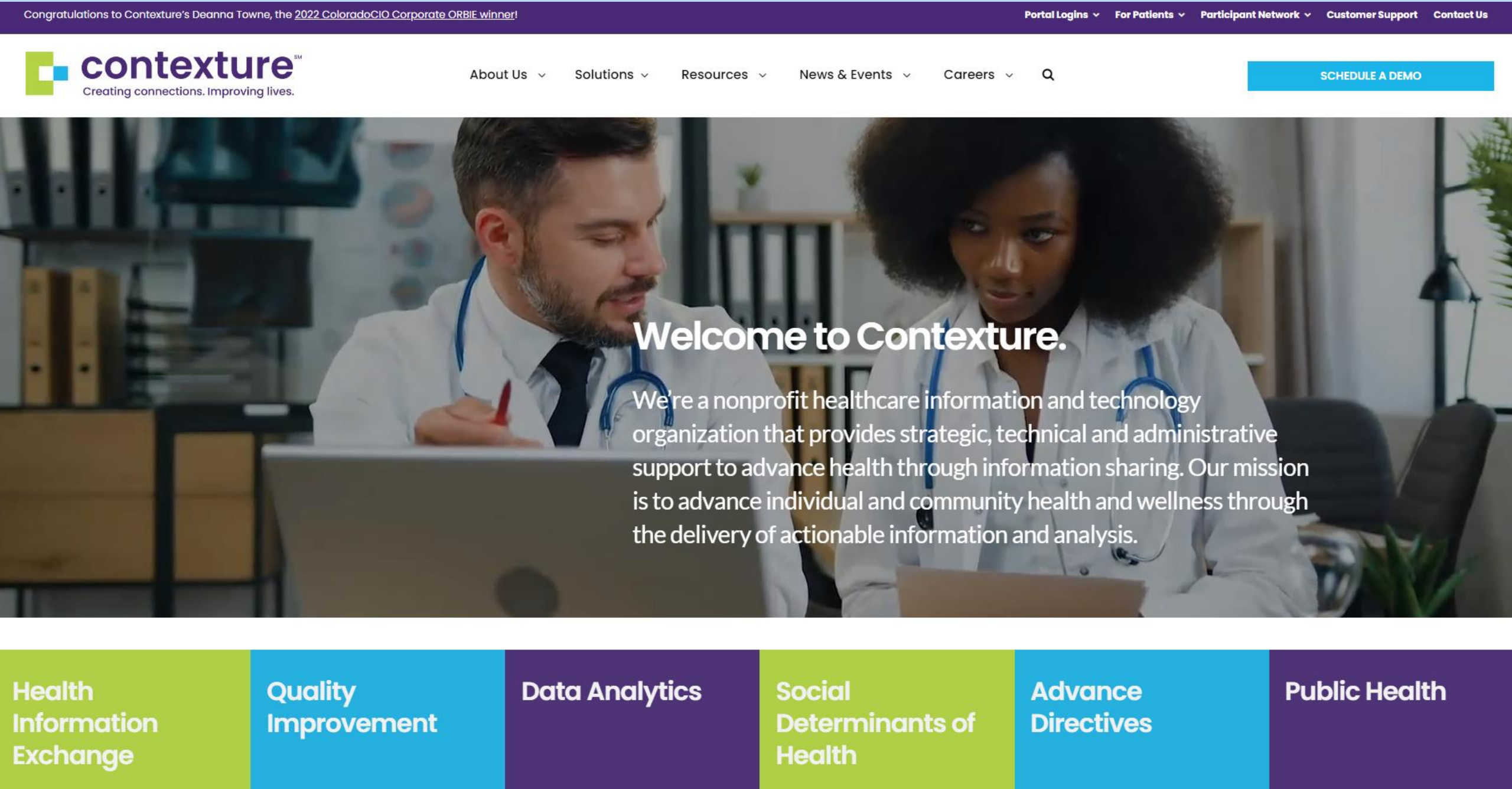


contexture℠
Creating connections. Improving lives.

CORHIO™

health current

The NEW Contexture.org is here!



Highlights from Contexture.org

Insights

Colorado's Coordinated COVID-19 HIE Response

By Morgan Honea Published On: July 5, 2022

In the 18 months between March 2020 and September 2021, the battle against the COVID-19 pandemic highlighted the critical importance of health data as well as widespread community outreach efforts. ...

More Blogs

Contexture Board Votes to Expand Arizona Permitted Use Policies to Support Public Health

By Contexture Published On: August 29, 2022

On July 26, 2022, Contexture's Board of Directors voted to approve changes to Contexture's Arizona Permitted Use Policies ("PUP") to expand the Limited Public Health Activities conducted by a Public ...

More News

Enhancing Patient Care, Coordination and Reporting Through COVID-19 and Beyond

By Contexture Published On: August 11, 2022

CareMore and Aspire Health, an integrated care delivery system, serves approximately 3,000 high-risk Medicare patients with complex needs in Metro Denver and surrounding areas. They also act as an extension ...

More Case Studies

Our Network

28 Million
Patients

10,000
Users/month

23 Million
Alerts/month

www.contexture.org

Arizona HIE Participants & Available Data

- Over **1,090 HIE Participants** and growing
- Over **300 data sources** sending patient medical records for sharing
- Data available on **12+ million** individuals

HIE Services & Value

Arizona HIE Services

Table of Contents

Introduction:
Arizona Health Information Exchange Services 4
Funding Available for Arizona Healthcare Providers 5
Arizona HIE 3.0 Portal 6
Arizona HIE Alerts 10
Data Reports & Extracts 14
Public Health Reporting 16
Integration Services 17
Registries & Care Coordination Tools 18

Continued efforts to support:

- Physical and behavioral health data exchange
- Various types of alerts – ADT, COVID, EMS, Mental illness hospitalizations, etc.
- Bidirectional exchange via various mechanisms
- New public health reporting options

https://contexture.org/arizona-health-information-exchange/

Colorado HIE Services

Table of Contents

Introduction:
Colorado Health Information Exchange Services 4

PatientCare 360 5

EHR Results Delivery 7

Notifications 8

Continuity of Care Documents 9

Consolidated Care Documents 11

Patient History 12

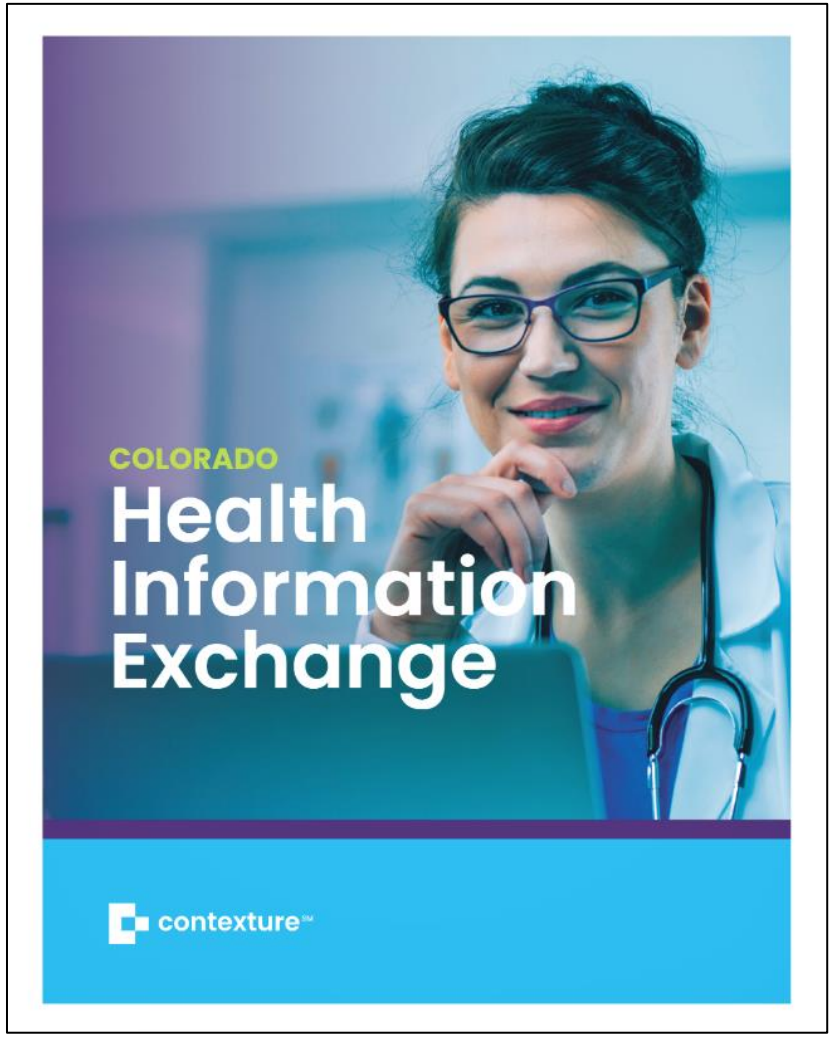
Data Sender Services 13

Public Health Reporting 14

Direct Messaging 15

Quality Improvement Services 16

Table: Quality Improvement Services 17



Unique services in Colorado include:

- EHR results delivery
- Quality improvement services
- Public health reporting options

https://contexture.org/cohie-service-catalog/

Data Analytics

Arizona's New Crisis Bed Registry

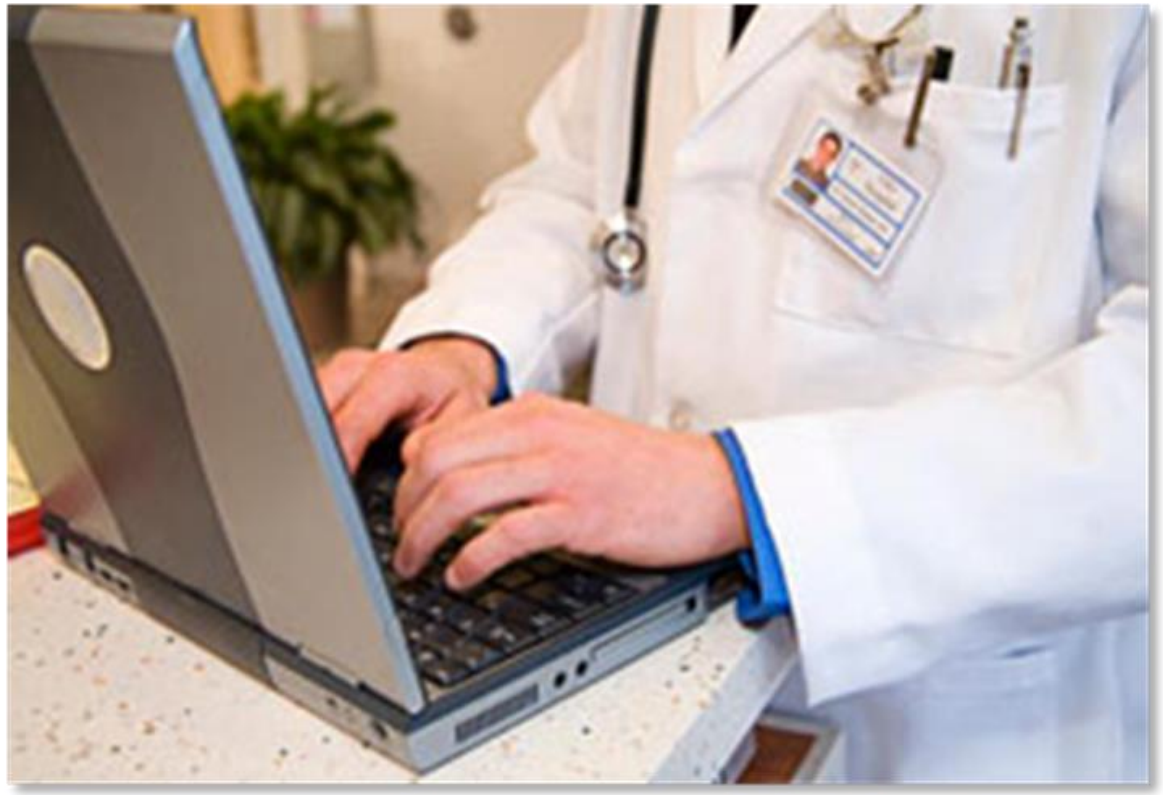
- The Crisis Bed Registry (CBR) will track capacity within Az inpatient and observation crisis facilities
- An enterprise data warehouse will receive information from crisis providers automatically, dependent on the provider electronic health record (EHR) capability, or by manual upload.
- Capacity data will be displayed on a provider-facing dashboard, accessible via computer or mobile device.
- Pilot providers will be live by early 2023; all identified crisis providers statewide will be onboarded to the crisis capacity dashboard no later than March 2024

AHCCCS
Arizona Health Care Cost Containment System

Solari
CRISIS & HUMAN SERVICES

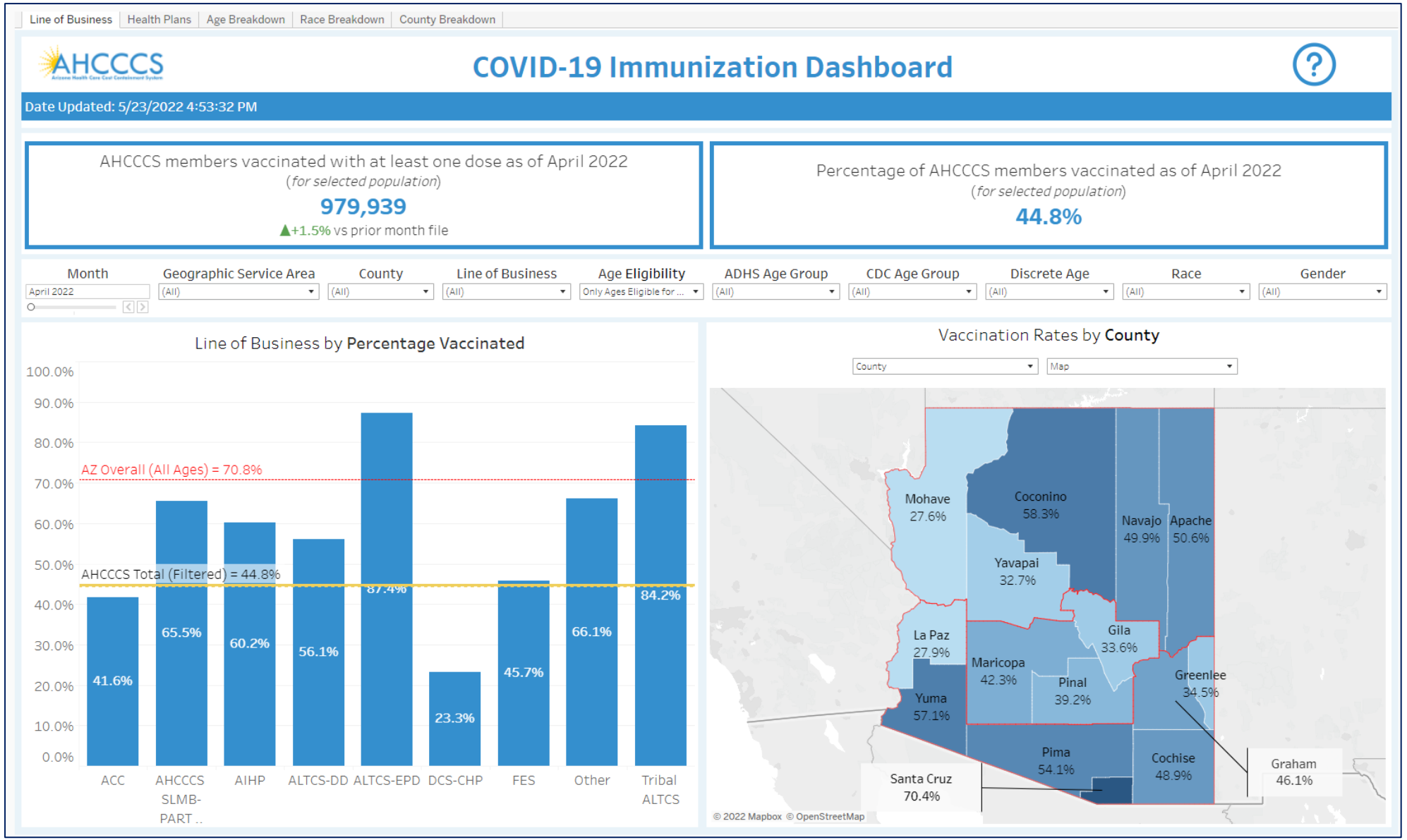
contexture℠
Creating connections. Improving lives.

Crisis Bed Registry Dashboard Elements



- Facility Type
- Facility Name
- Location
- Contact Information
- Population(s) Served
- Available Services
- Specialties
- Total Beds
- Beds Available

AHCCCS Data Dashboards – COVID



AHCCCS Clinical Informatics Project

- American Indians in Arizona experience high rates of diabetes
- CMS Core Set includes Diabetes Control performance measure
  - Comprehensive Diabetes Care: Hemoglobin A1c (HgbA1c) Poor Control (>9.0%) (HPC-AD)
- Potential negative impact of COVID-19 on Diabetes Control
- <1.0% of AIHP members show HgbA1c results in claims data

Can HIE data be used to calculate this performance measure?

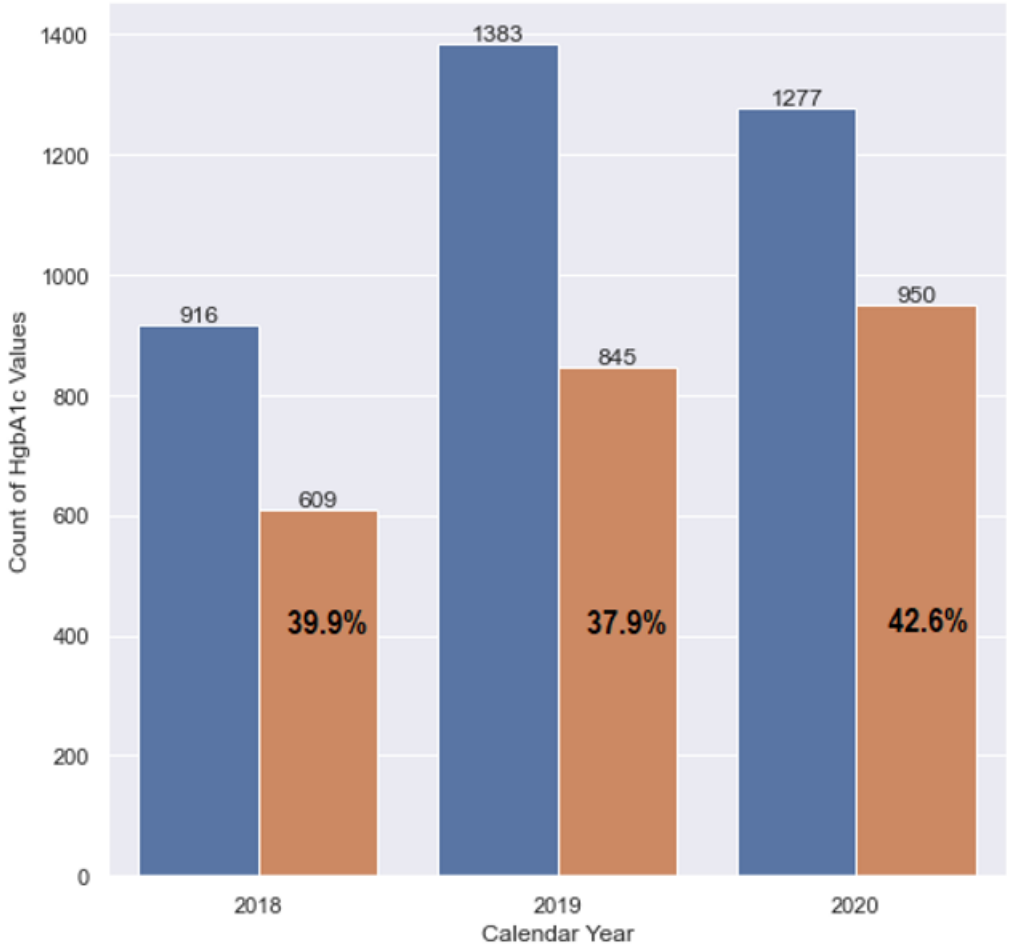
Clinical Informatics Project: Data Flow & Results

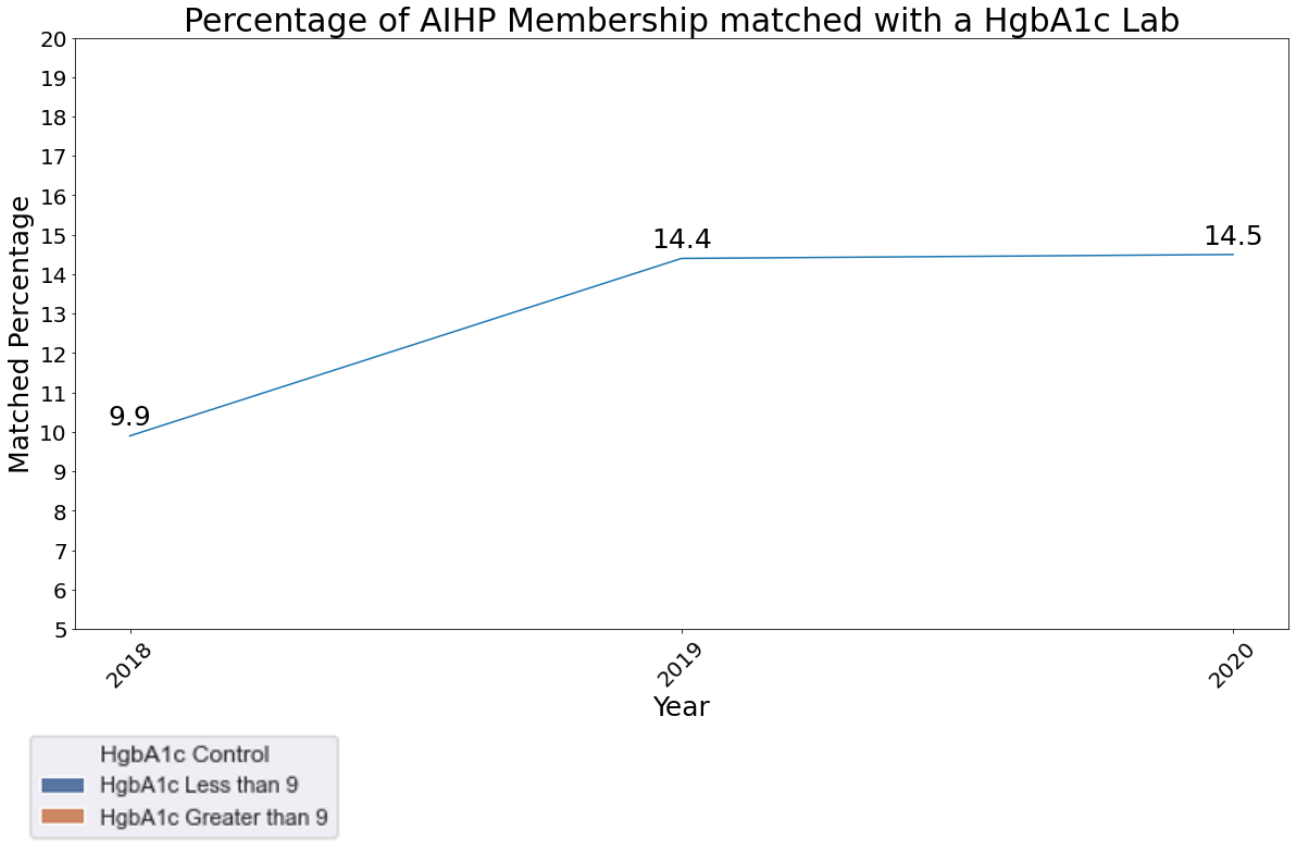
- Determined AIHP member lists for 2018, 2019, and 2020
- Provided Dx member list to Contexture to query HIE data
  - 20,738 members → HIE matched to 20,011 patients (96.5%)
- Returned lab values for the patient panel to AHCCCS
  - 11,913 separate lab results – only 3.5% with non-numeric values
- AHCCCS calculated performance metric from results

Improved available lab results from <1% using claims data to 10-15% using HIE data

Clinical Informatics Project: AIHP Member Lab Results from HIE Data

HgbA1c control (>9.0%)





Lower rates signify better performance

Quality Improvement

Quality Improvement Services (CO)

Practice Transformation

Practice transformation includes implementation of continuous quality improvement, engaged leadership, empanelment, team-based care, care coordination, enhanced access, and more. The goal is to help practices implement changes and become examples of excellence in advanced patient-centered care and transform clinical practices to meet the quadruple aim.

Current initiatives include:

- Facilitating Alcohol Screening and Treatment (FAST)
- Incentives and Support for Medication Assisted Treatment for Opioid Disorder (ISM)
- Implementing Technology, Medication Assisted Treatment, Team Training and Resources (ITMATTTRs)
- Innovation Support Project (ISP)
- CDPHE Diabetes & Cardiovascular Disease Project (D/CVD)

Quality Improvement Services (CO)

Quality Reporting

We provide assistance with:

- Training staff on how to document quality measures accurately to ensure best quality scores possible
- Reviewing, selecting and reporting clinical quality measures to earn incentives and avoid negative payment adjustments
- Assessing patient volume and determining amount of incentives available and/or penalties
- Reviewing EHR reports and measures to optimize for quality reporting
- Optimizing HIE for improved provider communications and referrals, clinical decision-making and participation in reimbursement programs

Social Determinants of Health: CommunityCares

CommunityCares

The Journey Thus Far…

- Started a pilot called our Early Adopter Program in summer of 2021 for CommunityCares SDOH referral system, hosted by NowPow
- Went live in October 2021; late 2021, Unite Us acquired NowPow.
- Officially paused onboarding March 1, 2022 to build our new relationship with Unite Us.
- Contexture and Unite Us agreed to terms for a statewide implementation of CommunityCares powered by new Unite Us platform.
- Contexture has officially re-launched CommunityCares! Our combined teams at Contexture and Unite Us are actively working to onboard organizations for our first launch in Q4 2022.

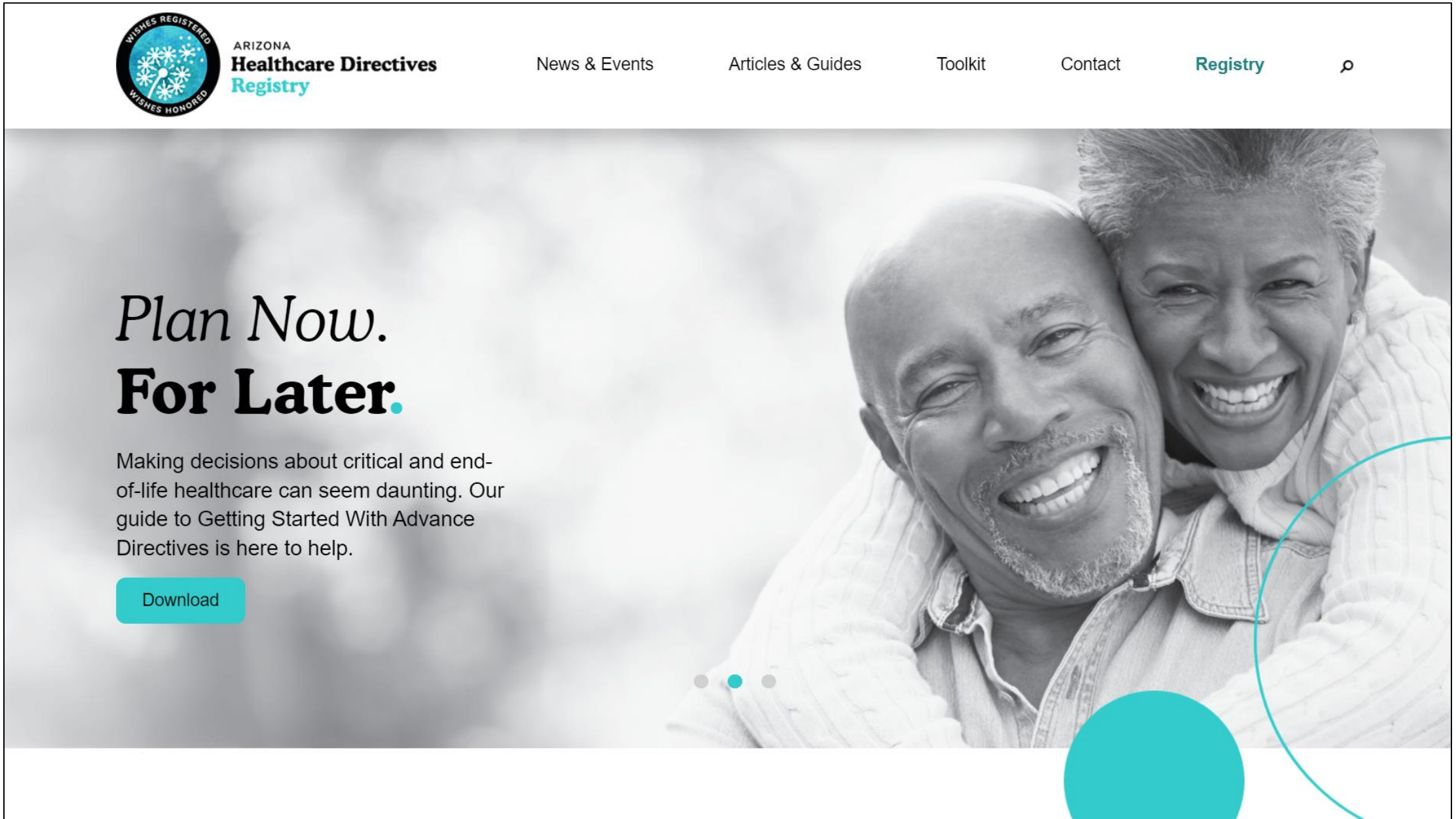
Advance Directives

Arizona Healthcare Directives Registry (AzHDR)

- A secure platform for uploading and accessing an individual's advance directives and related documents
- Ensures the individual's wishes are known when they cannot speak for themselves
  - Documents transferred from Az Secretary of State's database
  - General launch began October 2021
  - More information?
    Contact us or visit www.AzHDR.org

Wishes Registered.
Wishes Honored.

New Az Healthcare Directives Registry (AzHDR) website – **www.azhdr.org**



Registry Account Statistics

Initial accounts set up from Secretary of State transfer

73,412

Represented 1.6% of Arizonans over the age of 18

Current accounts in AzHDR as of Sept 2022

85,239

Represents 2.3% of Arizonans over the age of 18

Goal for 2022 is to have 4% of the population of Arizonans over the age of 18 represented in the registry.
Ultimate goal for the registry is to match the national average for advance directive documents completed at 30%.

Public Health

Public Health Permitted Use

Contexture Board Approves Permitted Use Changes July 2022

Contexture Board Votes to Expand Arizona Permitted Use Policies to Support Public Health

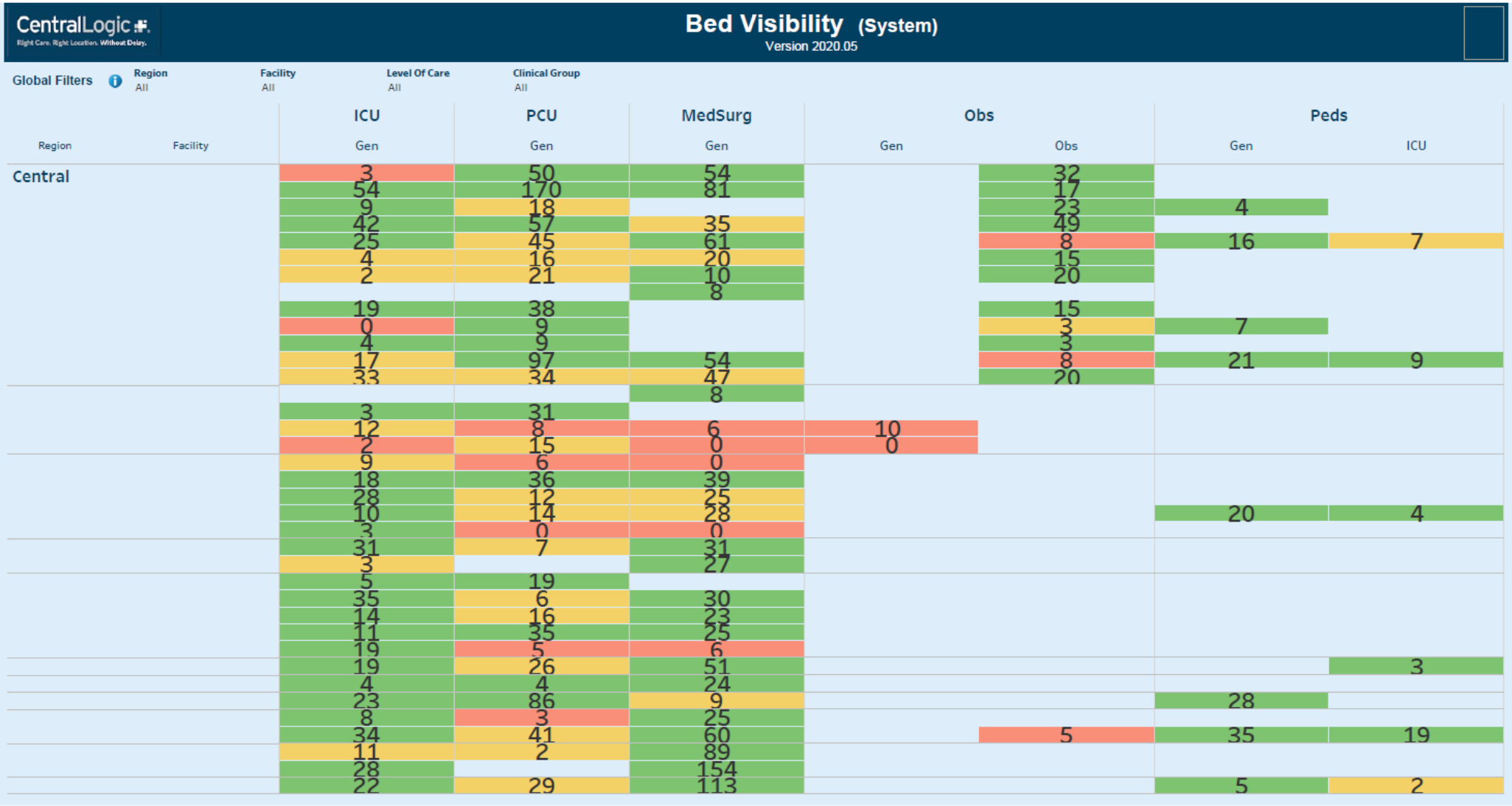
Published On: August 29, 2022

On July 26, 2022, Contexture's Board of Directors voted to approve changes to Contexture's Arizona Permitted Use Policies ("PUP") to expand the Limited Public Health Activities conducted by a Public Health Authority (PHA) that Contexture can support, subject to applicable law and Contexture administrative and technical controls. This policy is effective 30 days from the posting of this notice.

This change aligns Contexture's Arizona PHA permitted uses with Colorado's permitted uses and activities permitted by the HIPAA Privacy Rule. Specifically, the revised PUPs permit Contexture to use and disclose data to support a Public Health Authority "that is authorized by law to collect or receive data for the purpose of preventing or controlling disease, injury or disability, including but not limited to, the reporting of disease, injury, vital events such as birth or death, and the conduct of public health surveillance, public health investigations and public health interventions; or, at the direction of a public health authority, to an official of a foreign government agency that is acting in collaboration with a public health authority, see 45 C.F.R. § 164.512(b)(1)(i). Limited Public Health Activities do **NOT** include fraud and abuse detection activities, provider or facility monitoring, or other health oversight activities or law enforcement activities.

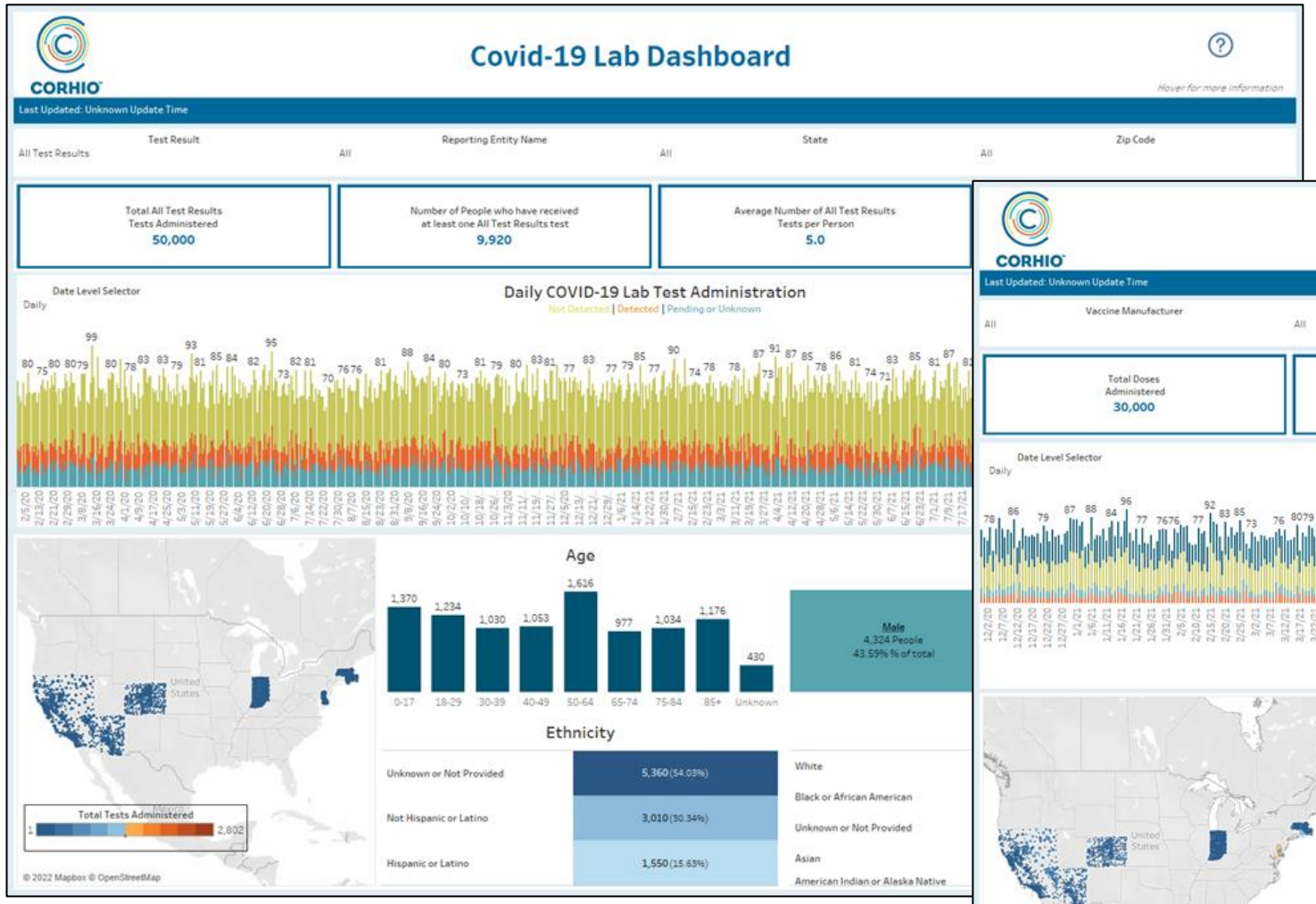
https://contexture.org/contexture-board-votes-to-expand-arizona-permitted-use-policies-to-support-public-health/

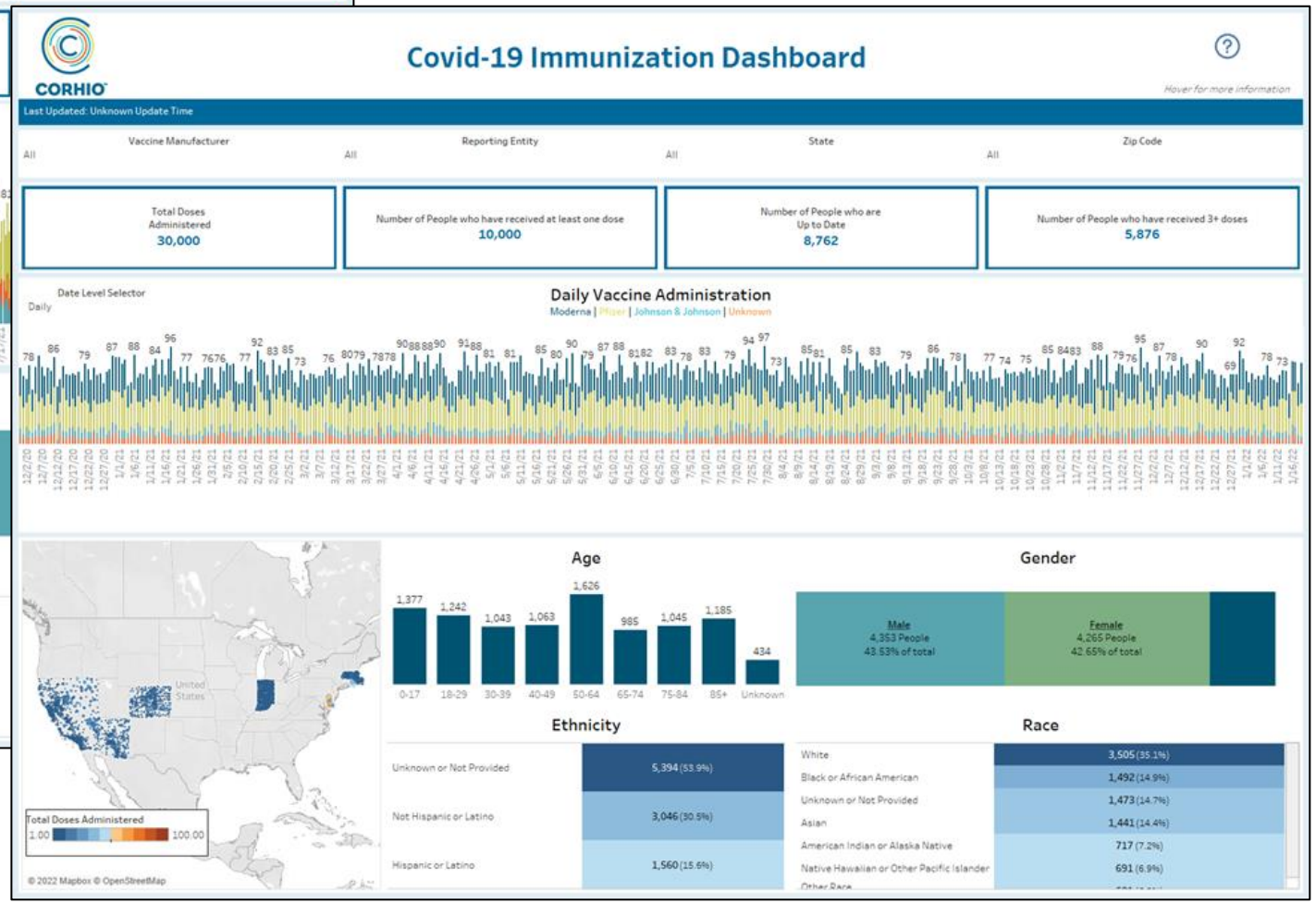
Real-time ADTs Power Az Surge Line



Region	Facility	ICU	PCU	MedSurg	Obs		Peds	
		Gen	Gen	Gen	Gen	Obs	Gen	ICU
Central		3	50	54		32		
		54	170	81		17		
		9	18			23	4	
		42	57	35		49		
		25	45	61		8	16	7
		4	16	20		15		
		2	21	10		20		
				8				
		19	38			15		
		0	9			3	7	
		4	9			3		
		17	97	54		8	21	9
		33	34	47		20		
				8				
		3	31					
		12	8	6	10			
		2	15	0	0			
		9	6	0				
		18	36	39				
		28	12	25				
		10	14	28			20	4
		3	0	0				
		31	7	31				
		3		27				
		5	19					
		35	6	30				
		14	16	23				
		11	35	25				
		19	5	6				
		19	26	51				3
		4	4	24				
		23	86	9			28	
		8	3	25				
		34	41	60		5	35	19
		11	2	89				
		28		154				
		22	29	113			5	2

National COVID-19 Dashboards





Public Health Connectivity Services

- HIE participants can currently access the following HIE public health connectivity services:
  - ASIIS – immunization registry reporting and query
  - eCase Reporting (eCR) – support for hospitals & FQHCs to complete eCR connectivity
  - Electronic lab reporting (ELR) – reportable labs submitted electronically to ADHS systems

Arizona Master Person Index (AzMPI)

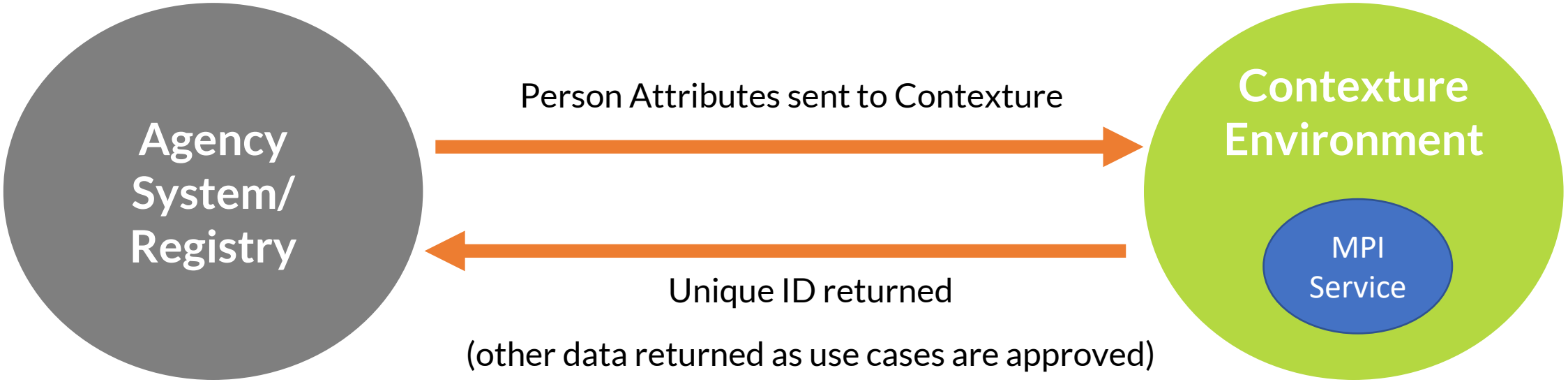
In January 2022, Health Current received approval to re-scope its federal STAR grant to lead the **AzMPI Planning Collaborative**

- Better identity management within public health systems has long been identified as a critical public health infrastructure need
- AzMPI will tie together multiple public health registries, other health-related state agencies, and HIE

Key Partners

Arizona Department of Health Services (**ADHS**)
Arizona Health Care Cost Containment System (**AHCCCS** – Arizona's Medicaid Agency)

MPI Data Flow



Miscellaneous Initiatives & Updates

Research Using HIE Data: An Evaluation

HIE Research Collaborative

An HIE-Academic partnership funded by the NARBHA Institute

- Environmental scan provides a comprehensive overview of the landscape of HIEs and APCDs involved in research initiatives, as well as input via stakeholder interviews and a literature review
- Legal scan provides comprehensive examination of state and federal laws and health data, privacy regulations, including published literature, addressing the legal parameters for research vs. population health vs. quality improvement
- Data and technical scan examines the readiness of the HIE by reviewing Arizona's data model and clinical data repository details such as specifications, standards and data transformations

contexture℠ Creating connections. Improving lives.

the narbha institute

ASU Knowledge Enterprise Arizona State University

COPPERSMITH BROCKELMAN LAWYERS

Upcoming Changes to Fee Structure

- For years, Board of Directors has discussed and supported the transition to an HIE fee structure that ties value of services to reasonable fee structure for all participants
- Merger called for development of integrated financial model and fee structure
- New fee structure transition in process. Rollout dates for new Az fees:
  - January 2023 – ACOs & New HIE Participants
  - January 2024 – All other existing non-paying HIE participants
  - IMPORTANT: Critical access hospitals, rural health clinics and tribal facilities will have NO fees indefinitely, starting in 2023

Financial Incentives

Contexture Financial Incentives

- AHCCCS Differential Adjusted Payment (DAP) Programs
  - HIE Participation & Data Quality Initiatives – from 1% to 8%
  - CommunityCares Participation Initiatives – from 0.5% to 2%
- HIE Data Supplier Program – Administrative Offset Payments
  - From $5,000 to $20,000 one-time payment for submitting data to HIE
- CommunityCares Community Based Organization (CBO) Programs
  - CBO Incentive Program – up to $10,000 per organization, milestone based
  - CBO Assistance Program – up to $5,000 per organization, reimbursement
- American Indian Medical Home (AIMH) Program
  - Per Member Per Month $ amount for care coordination
  - Requires HIE participation in bi-directional exchange

Future DAP HIE Requirement Progression

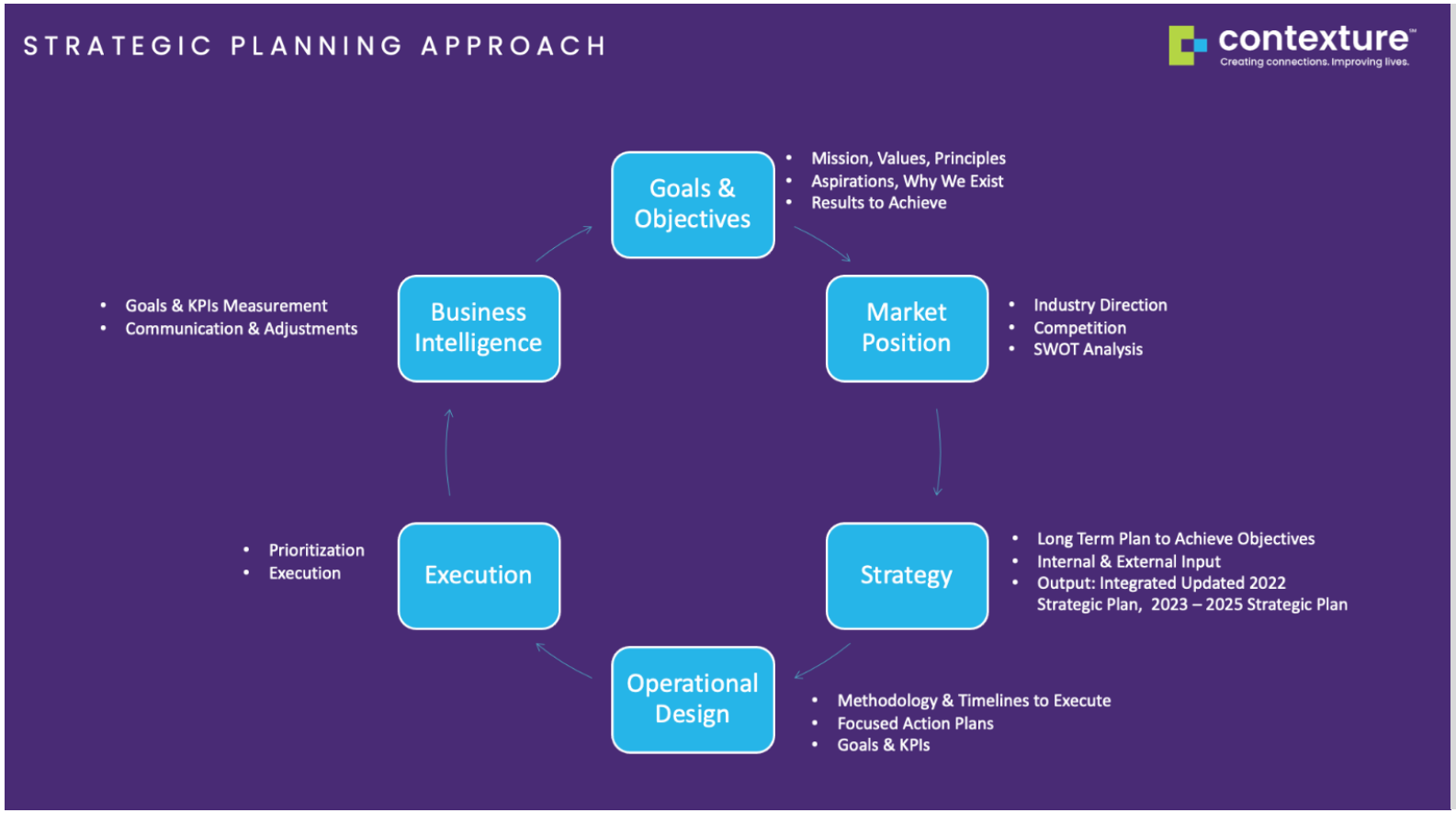
HIE Strategy by Provider Type
Updated 1/7/2022

Provider Types	CYE 17	CYE 18	CYE 19	CYE 20	CYE 21	CYE 22	CYE 23	CYE 24	CYE 25
Hospitals	Agreement	Agreement	Milestones	Data Prep	Data Quality	Data Quality	Data Quality	Data Quality	Data Quality
IHS/638 Facilities					Milestones	Data Prep	Data Quality	Data Quality	Data Quality
Integrated Clinics (ICs)			Milestones	Milestones	Data Prep	Data Prep	Data Quality	Data Quality	Data Quality
BH OP Clinics					Data Access	Milestones	Data Prep	Data Quality	Data Quality
Nursing Facilities						Milestones	Data Access	Data Prep	Data Quality
HCBS Providers (PT 49)							Data Access	Milestones	Data Prep
Physicians, PAs, etc.							Data Access	Milestones	Data Prep

Agreement	Execute agreement and electronically submit information
Milestones	Letter of Intent (LOI) with milestones for: execute agreement, approve scope of work (SOW), transmit ADT information, and transmit lab/radiology data. For non-inpatient facilities, transmit registration events and encounter summaries.
Data Access	Execute agreement and access HIE data via HIE services
Data Prep	LOI with milestones for: submit immunization data (if applicable), exeute data quality SOW, and submit data quality profile.
Data Quality	Measure data quality in first quarter of calendar year using a metric to be defined.

2023 – 2023
Contexture Strategic Direction

Strategic Plan Approach



Inputs to the Plan

Interviews:

- 185 Arizona and Colorado participants, board members, vendors and other HIE resources
- Across 50 Organizations
- 178 Contexture Staff Members

Plus:

- Arizona Medicaid & Public Health HIE Strategic Plan

Planning → Conduct Interviews & Participant Satisfaction Surveys → Conduct Interviews & Participant Satisfaction Surveys → Conduct Interviews & Participant Satisfaction Surveys → Engage Board for Input → Finalize Strategic Plan → Gain Board Approval → Develop 2023 Goals

Themes

- Keep Building Out Network: Participants, Data, Data Quality, Geography
- Require Bi-Directional Exchange
- Provide Clear Value Proposition
- Keep Participants in their Workflow
- Grow into new and expanded services like analytics, SDOH, Public Health, Patient Access

CONFIDENTIAL

Key Strategies & Initiatives

GROW: EXPAND THE INFORMATION EXCHANGE NETWORK

Includes initiatives to maximize HIE participation through targeted outreach and data acquisition, data quality efforts, geographic expansion, products and services expansion

RESPOND: BUILD A DATA PLATFORM SUPPORTING CURRENT AND FUTURE INTEGRATED DATA AND DATA ACCESS NEEDS

Includes initiatives to provide a modern data platform that unlocks the data and provides an architecture that supports continued growth

LEAD: DEVELOP A RESPONSIVE ORGANIZATIONAL

Includes initiatives to deliver robust training, education, and customer service; industry-leading technology and security; and to hire and maintain a talented and diverse workforce

More details on our strategic direction and 2023 initiatives coming to a Contexture webinar series soon…

National Interoperability Activities

CSRI Continues Interoperability Efforts

Founding Partners

contexture℠
Creating connections. Improving lives.

CRISP

CyncHealth

Indiana Health Information Exchange

Manifest MEDEX

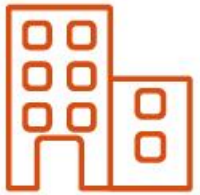
Our Vision

To drive the improvement of individual and population health nationally through interoperable health data networks. Our aspirational model is a health data utility, a public-private resource that provides a source of truth for robust clinical and non-clinical data, which can be leveraged by state and other health care system stakeholders to achieve healthier communities.

What is a health data utility (HDU)?

It's an aspirational model where the HDU **serves the health data needs of the**

State



Private Sector

Academia

Two Facts About HDUs

HDUs are nonprofits or public entities.

HDUs support the health data needs of the state government, private sector, and academic organizations.

HDUs serve many functions.

Provide robust health information exchange services for public and private stakeholders.

Integrate other health data services such as PDMP or APCD.

Support academic institutions with health data research.

© Copyright 2022 Consortium for State and Regional Interoperability

Civitas Networks for Health

Regional innovation, national impact.

We stand for community and data-led health improvement and information exchange to tackle the most challenging health care issues.

Collaborative. Connected. Data-driven.

Members include:

- HIEs
- RHICs
- APCDs
- QIN/QIOs
- Strategic business & technology organizations

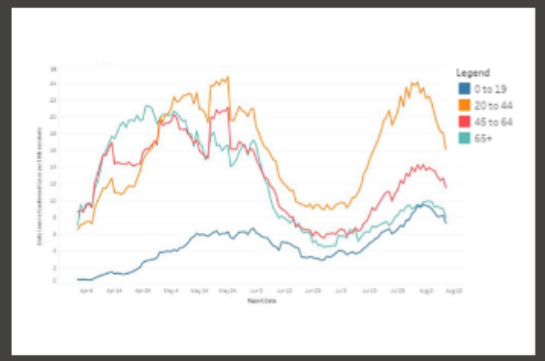
CIVITAS
Networks for Health

Civitas Members Making an Impact

Member collaboratives use data to improve community health

Identifying $140M in Low-Value Care in Colorado

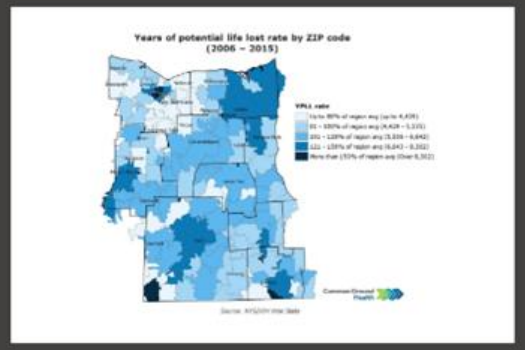
Member organization Center for Improving Value in Health Care (CIVHC) is using claims data to spotlight trends in wasteful health care spending and recommending new ways to efficiently improve patient care.



Leveraging Hospital Data for COVID Interventions in Maryland

Close collaboration between Civitas members Chesapeake Regional Information System for our Patients (CRISP) and Maryland Health Care Commission enabled real-time health data for rapid pandemic response across the state.

EXPLORE THE CASE STUDY



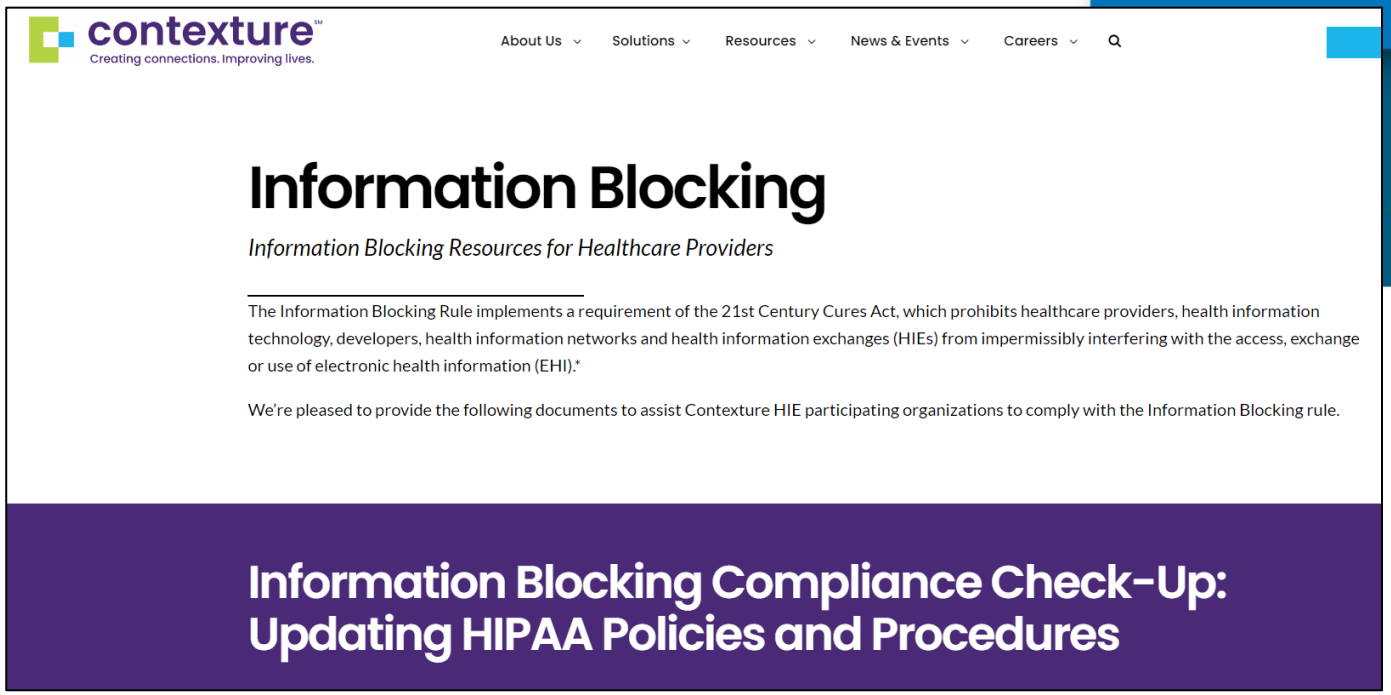
Measuring the Impact of Health Disparity in New York State

With the region's most comprehensive collection of health and health care data, member collective CommonGround Health is advancing understanding of racism and social determinants of health for communities across the New York Finger Lakes Region.

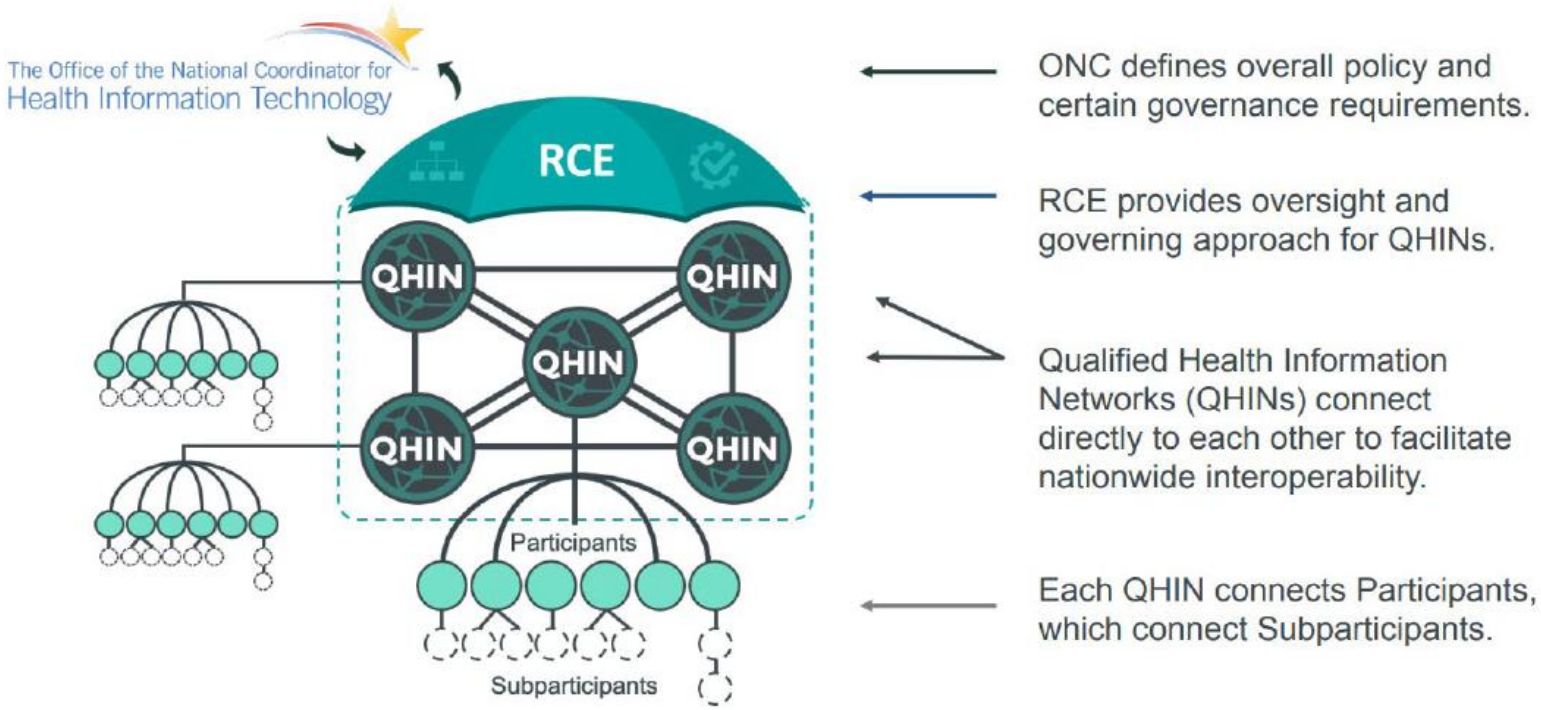
ACCESS THE INSIGHTS

Information Blocking Regulation Continues…

Providers must make sure they are compliant with the Info Blocking rules – free resources available on the Contexture website



Trusted Exchange Framework & Common Agreement (TEFCA)



- TEFCA **is** a contractual and operational framework for data sharing (similar to other current national frameworks)
- TEFCA **is not** a network or standards body
- TEFCA **is not** a technology, platform or services
- TEFCA **is not** legally mandated

TEFCA Status

- QHIN application process now open – initial applications due early October; anticipated 12-18 month implementation process for initial QHINs
- Contexture will be providing our participants and communities with more educational information and resources on TEFCA in the coming months
- Stay tuned for more information soon!

Questions & Discussion

contexture.org

Creating connections. Improving lives.