



Collaboratives in Action: *The Health Data Utility Framework, A Milestone in the Health Data Utility Movement*

Thursday, April 13, 2023

Housekeeping Reminders

- This is a Zoom webinar
- All webinar participants are automatically muted, and your video is not displayed
- If you would like to ask the presenters a question, please use the **Q&A** function on the task bar
- Use the **chat** feature to introduce yourself – name, organization, and location; share resources, etc.
- If you have any questions following the webinar, please reach out to contact@civitasforhealth.org

Agenda

- **Welcome** – Lisa Bari, Civitas Networks for Health
- **HDU in Maryland** – Anna Gribble, Maryland Health Care Commission
- **Highlights from the Framework** – Kate Ricker, Civitas Networks for Health
- **Health Data Utilities and Community Partnerships** – Meredith Roberts, Comagine Health
- **Civitas Member Case Studies** – Jaime Bland, CyncHealth; Craig Behm, CRISP
- **What does the Framework Mean for the National Health Data Ecosystem?** – Kevin McAvey, Manatt Health
- **Moderated Q&A/Closing** – Jolie Ritzo, Civitas Networks for Health

Introduction to Civitas Networks for Health

Regional innovation, national impact.

Our vision: Communities across the country are thriving and healthy, realizing the full potential of **data-driven, multi-stakeholder,** and **cross-sector** approaches to health information exchange and health improvement.



Who We Serve



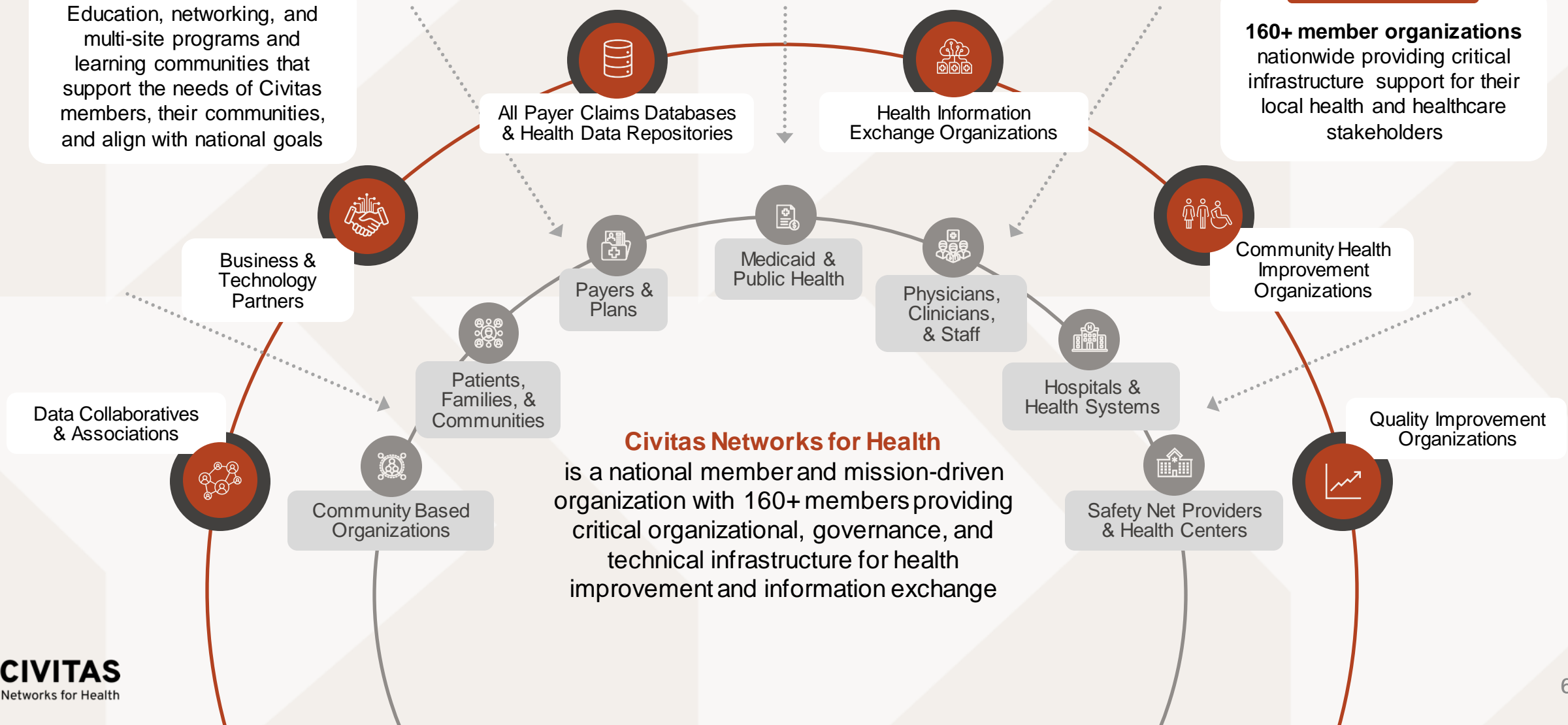
Programs

Education, networking, and multi-site programs and learning communities that support the needs of Civitas members, their communities, and align with national goals



Members

160+ member organizations nationwide providing critical infrastructure support for their local health and healthcare stakeholders



Emergence of Health Data Utilities

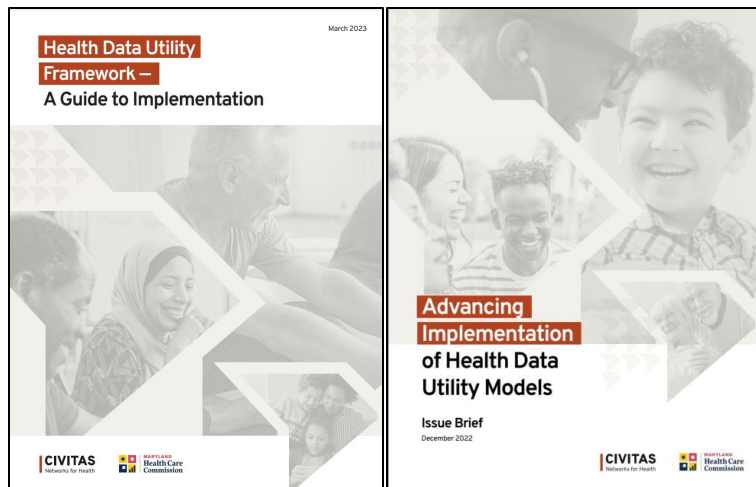
Health Data **Utilities**

Civitas' Emerging Definition

Health Data Utilities (HDUs) are “statewide” entities that **combine, enhance, and exchange electronic health data** across care and services settings for treatment, care coordination, quality improvement, and public and community health purposes. They enable specific, defined use cases, with extra protections to ensure patient privacy and protection. **They should build on existing technical, organizational, and trust infrastructure in states and regions.**



A Unified Framework for Health Data Utility



<https://www.civitasforhealth.org/resources>

- With generous support from the **Maryland Health Care Commission**, Civitas and our national advisory council set out to develop authoritative health data utility resources to define and provide implementation support to organizations, regions, and states.
 - **Issue Brief** – collected relevant research, publications, and resources.
 - **HDU Framework** – detailed guide to implementation for stakeholders.
 - **Next: maturity model**, expanded versions of the framework, pilot states/communities. Civitas is seeking partners and additional funding!

Health Data Utility in Maryland and MHCC's involvement and support of the development of the HDU Framework



MARYLAND
Health Care
Commission

Health Data Utility in Maryland



Maryland Health Care Commission

April 13, 2023

About the Maryland Health Care Commission



- ▶ The Maryland Health Care Commission is an independent regulatory agency whose mission is to plan for health system needs, promote informed decision-making, increase accountability, and improve access in a rapidly changing health care environment
- ▶ The Center for Health Information Technology and Innovative Care Delivery implements programs and initiatives that support advancing health information technology statewide.



Maryland Law

- ▶ House Bill 1127/Chapter 296, *Public Health – State Designated Exchange – Health Data Utility* (2022)
- ▶ Requires the State-Designated Health Information Exchange to operate as an HDU for certain purposes
- ▶ Key components of the law
 - Collect, aggregate, and analyze clinical information, public health data, and health data, and health administrative and operations data to assist the Maryland Department of Health, Local Health Departments, MHCC, and the Health Services Cost Review Commission in the evaluation of public health interventions and health equity;
 - Communicate data between public health officials and health care providers to advance disease control and health equity; and
 - Enhance and accelerate the interoperability of health information throughout the State



Background

- ▶ A Roundtable Series hosted by MHCC, Civitas, and the Association of Health IT State from January – April 2022 confirmed the need for an HDU Framework.
- ▶ In July 2022, Civitas was competitively selected to develop an HDU Framework that could serve as the basis for implementing an HDU in Maryland and serve as a model for other states.





For more information about MHCC visit:

mhcc.maryland.gov

Contact

Anna Gribble

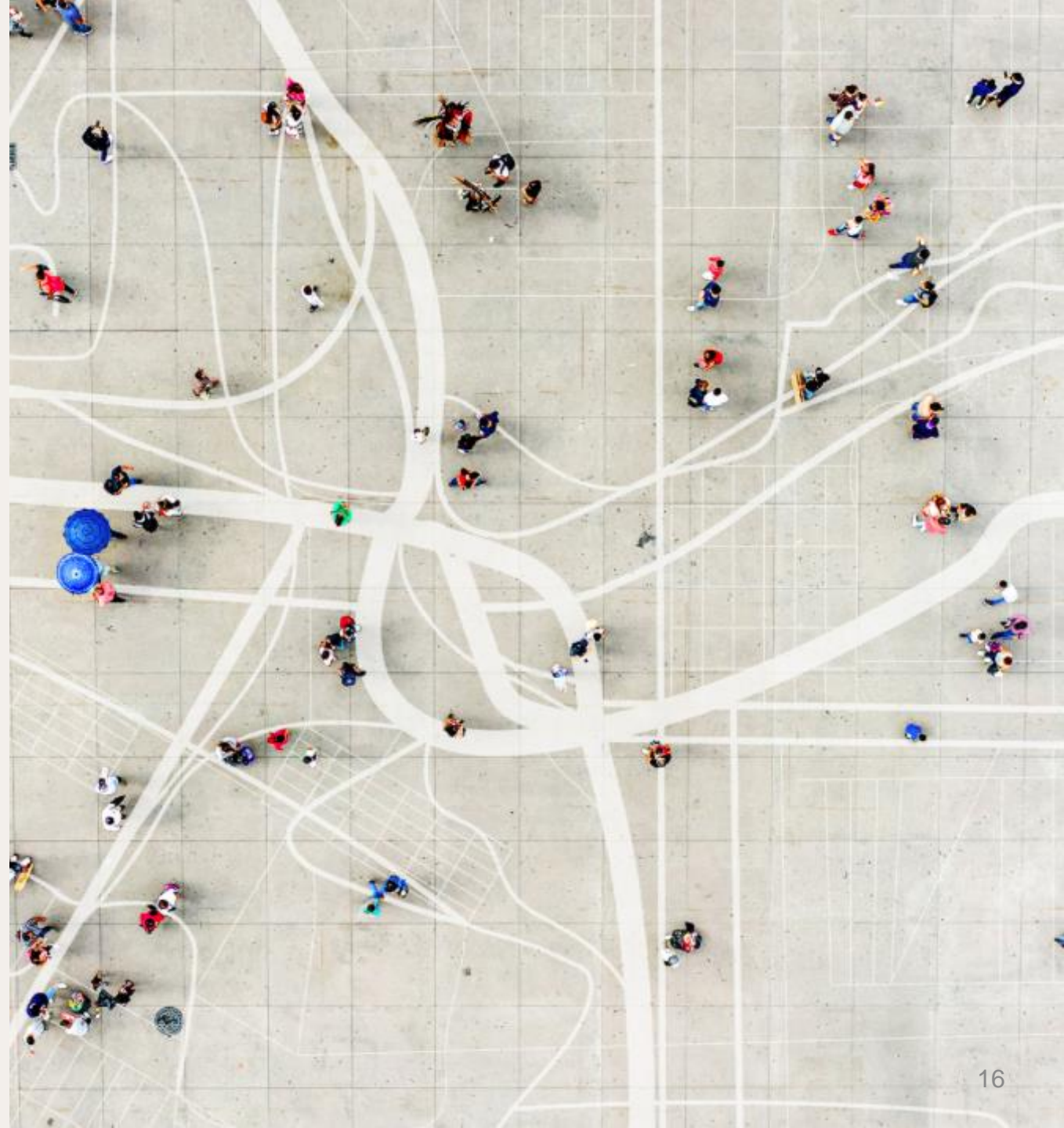
anna.gribble1@maryland.gov

410-764-3379

Health Data Utilities

- Drivers
- Multiple models
- Community governance
- HDU Framework highlights (conditions, components, consideration)

State, regional, and community data, interoperability, and infrastructure is critical for addressing health priorities



Drivers for HDU

Multistakeholder data needs

Health data is often siloed and managed by different entities with restrictive data sharing policies challenging the using data for shared interests and goals

Statewide health data infrastructure

Disparate and disconnected information systems across and networks geography, settings, providers, and populations

Data-informed public health services

Increasing data and infrastructure needs for public health jurisdictions for preparedness, infectious disease, health indicators, disease burden, and equity

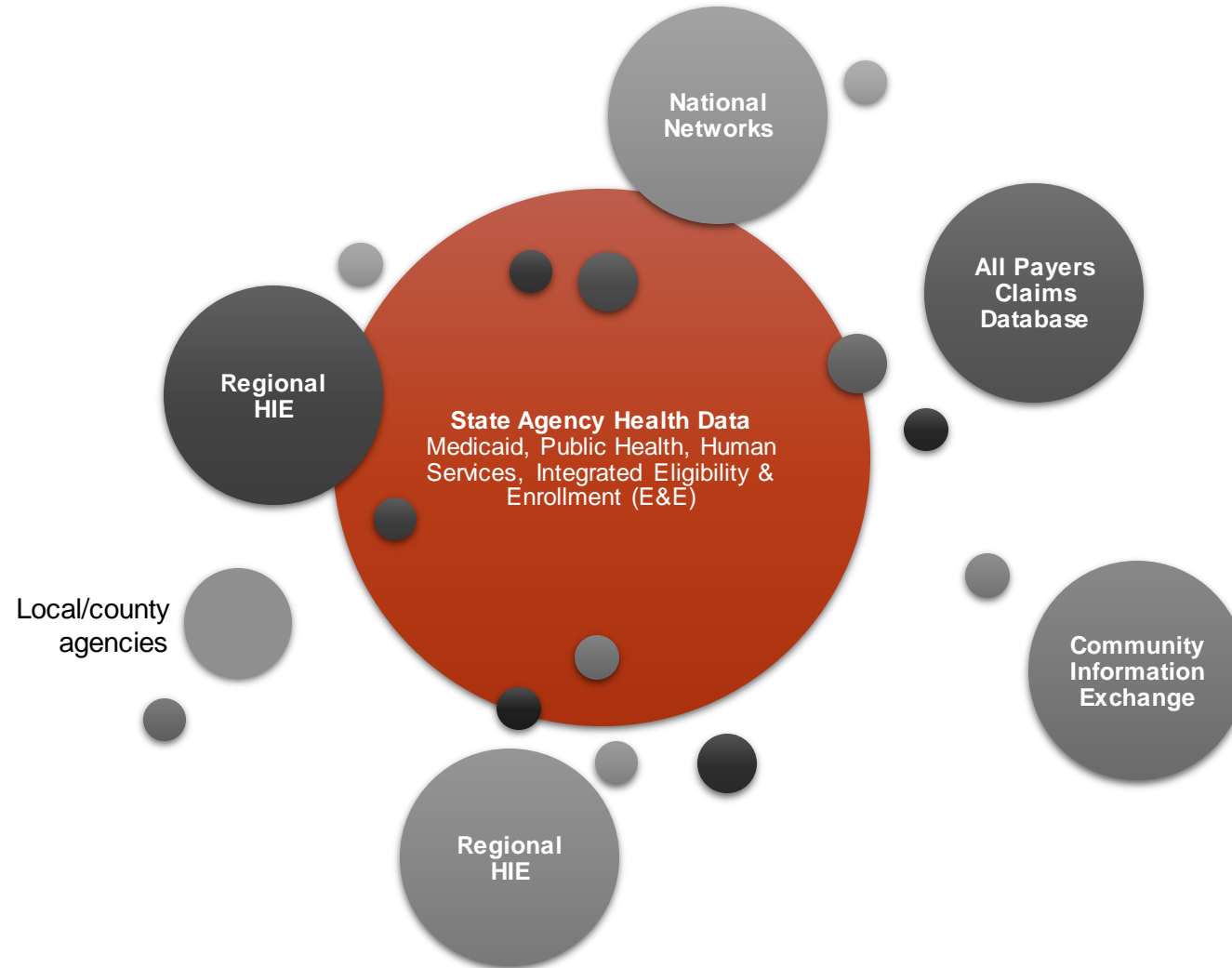
Social data needs

Lack of integrated infrastructure supporting standardized social data capture, data interoperability across sectors, and integrated data aggregation and advanced analytics addressing individual and community health-related social needs

Standards for data privacy and security

Aligning of data privacy and security controls that keep pace with a rapidly evolving health-data and technology landscape addresses gaps and ambiguities in consent, protection, and access

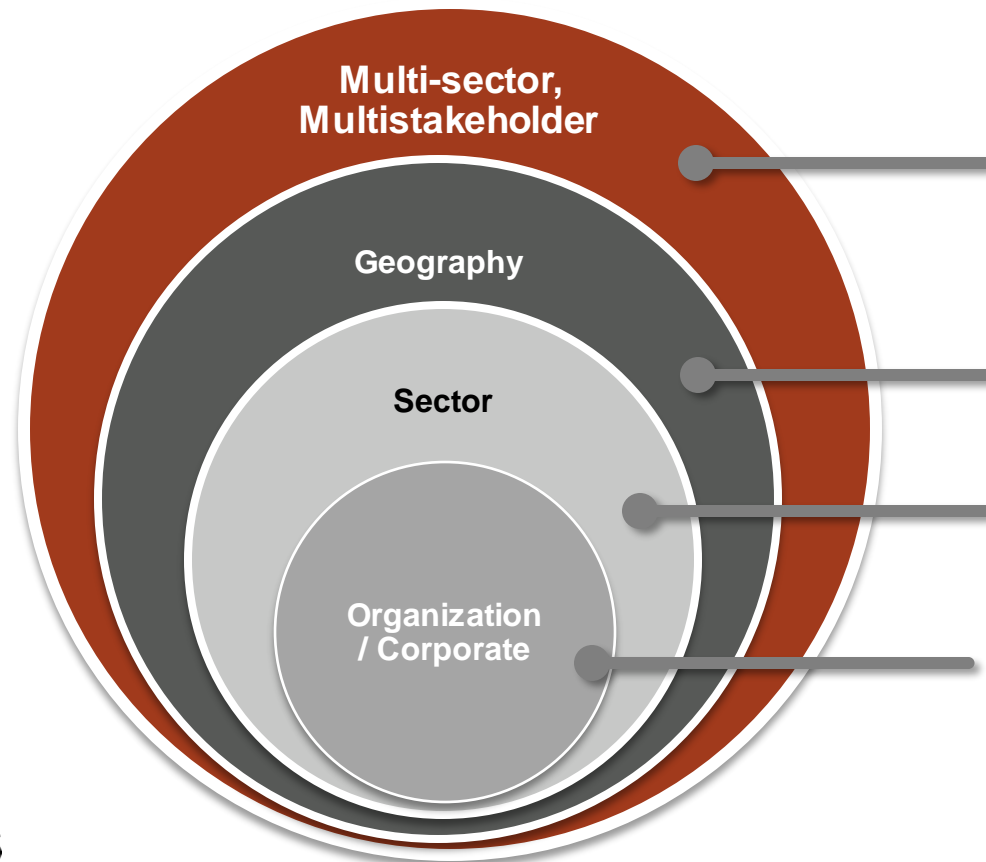
Multiple Data Networks and Governance



Collaborative, Community Governance

Flexible governance to support expanding use cases across geography and settings

MULTI-STAKEHOLDER GOVERNANCE



Statewide

- Leadership and coordination
- Public-private partnership
- Serving all settings across statewide geography
- Defined roles, responsibilities, and requirements
- Broad cross-sector stakeholder engagement
- Accountability and metrics

Geographic

- Community relationships
- Community health improvement priorities

Sector

- Specific population or sector (e.g., housing)

Organizational/Corporate

- Business objectives
- Operations
- Community Engagement
- Specific services and scope

HDU

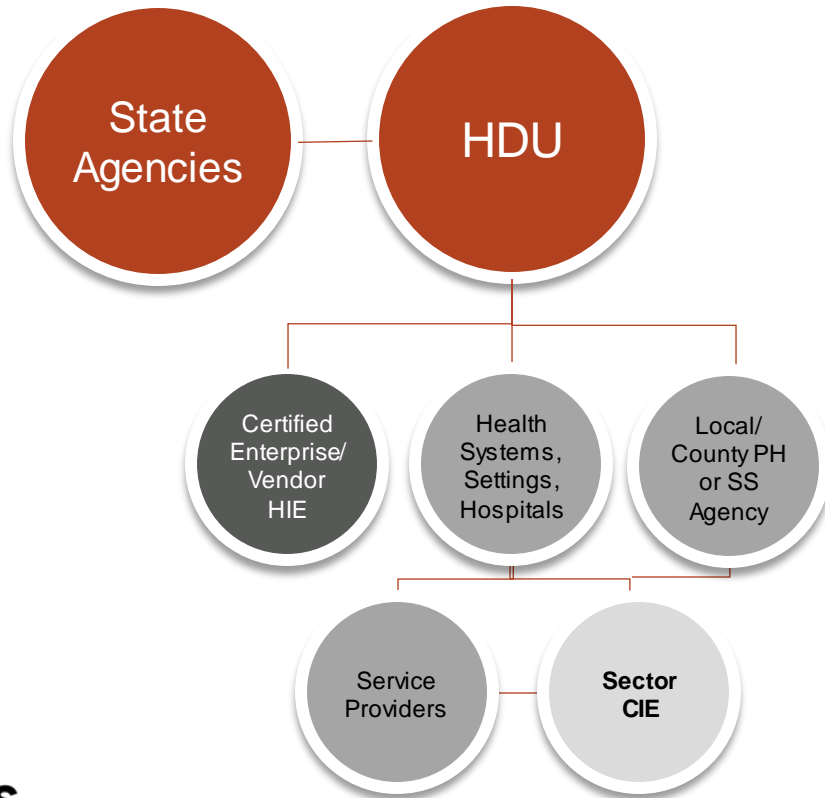
Characteristics

- ✓ **Neutrality and flexibility.**
- ✓ **Serve a geography (state or connected region).**
- ✓ **Cooperative state and local leadership, public-private governance.**
- ✓ **State policy levers including designations, incentives and/or mandates.**
- ✓ **Multistakeholder, community partnership and participation.**
- ✓ **Inclusive and transparent governance.**
- ✓ **Sustainable financing through public and private revenue sources and value-added services.**
- ✓ **Modular infrastructure and advanced technical services.**
- ✓ **High standards for data privacy and security going beyond the baseline of state and federal laws.**

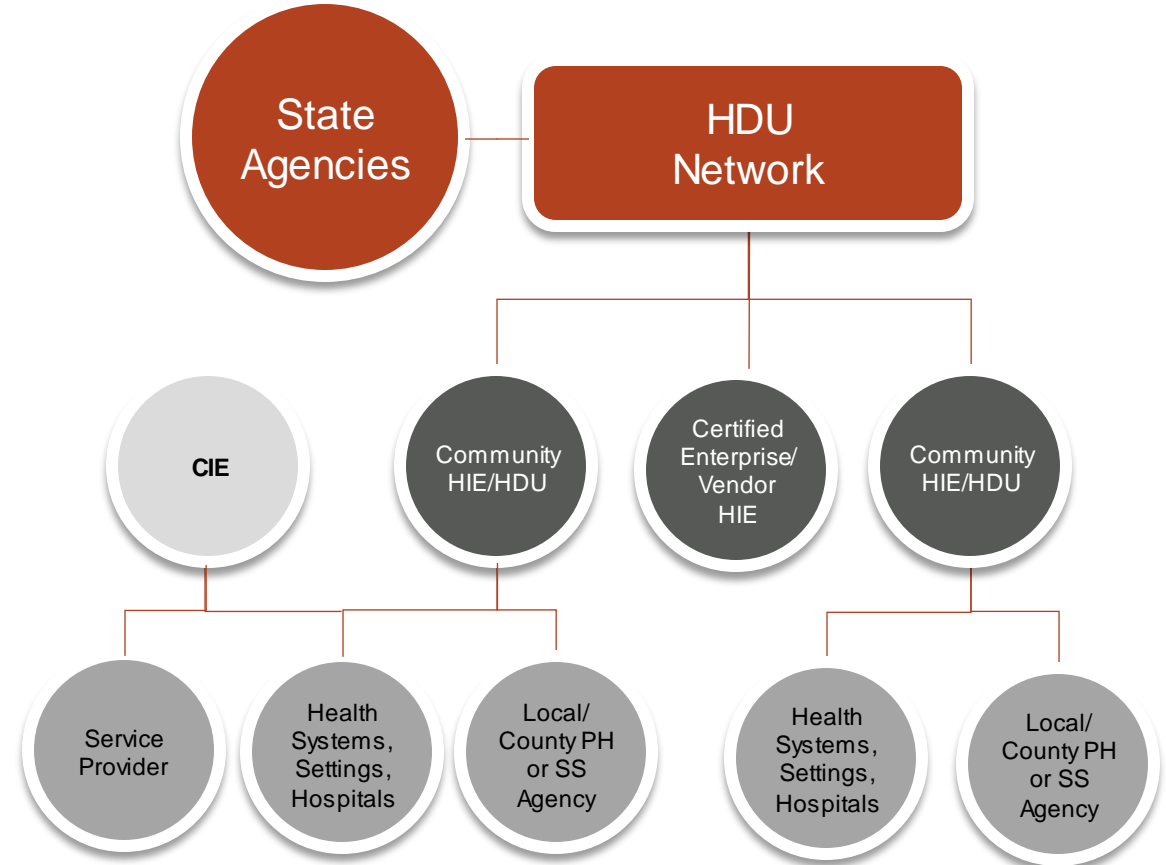
Multiple Models

Multiple HDU Models can exist based on political will, community readiness, and digital maturity.

Designated HDU



HDU Network



Multiple Models

Multiple HDU Models can exist based on political will, community readiness, and digital maturity

Organization	Community		State		National
Vendor-Mediated HIE	Enterprise/Private HIE	Community, Regional, or Statewide HIE	HDU Network	State-Designated HDU	National-level Health Information Networks
Supported by an electronic health record (EHR) vendor, whereby the vendor offers the technical infrastructure to facilitate data exchange between their customers.	Supported by a health system or integrated delivery network to facilitate exchange among affiliate provider organizations. May use community or state HIEs to connect to other enterprise networks.	Organizations that provide infrastructure to connect unaffiliated healthcare organizations within a specific geographic area and with shared patients. Medicaid or state or local public health agencies may contract these organizations for exchange services, implementation services, or program-specific technical solutions.	Multiple community partners supporting data collection, exchange, reporting, and analytics. Integrated data sets with different data types with other health data organizations (e.g., APCDs, CHNs)	State agencies or non-profit organizations granted authority by legislation, regulation, executive order to provide statewide technical infrastructure, and interoperability services. Multi-stakeholder governance across statewide geography, community partners, and state agencies.	Network of organizations exchanging health data at a national level, with coordinated oversight and governance.

HDU Adoption Phases

ASSESSMENT

Conduct an environmental scan that analyzes current conditions for achieving and maintaining HDU status and policy levers and opportunities to support planning and implementation; identify strengths and weaknesses of the current environment and needs to support ongoing innovation;

Periodic assessments should be conducted at some frequency after the initial assessment.

SUSTAINABILITY

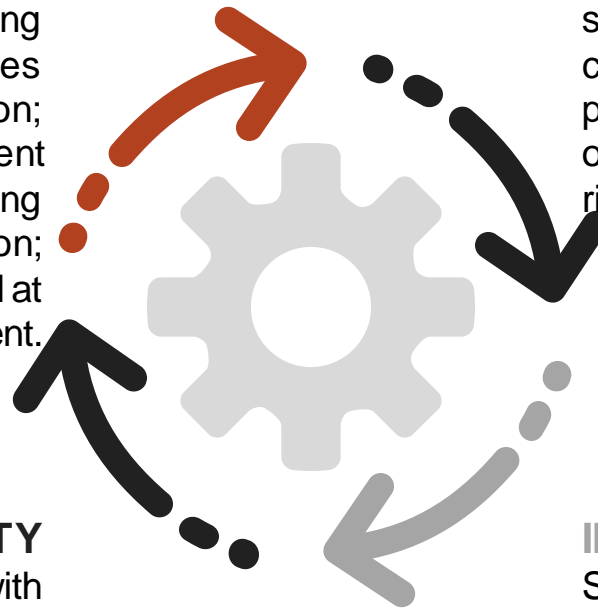
Coordinate and combine resources with stakeholders to maximize efficiency, turn data exchange and analysis plans into action, and conduct ongoing assessments of progress, performance, and quality.

PLANNING

Organize activities by convening key stakeholders, establishing an oversight committee, and developing pragmatic action plans with specific and measurable goals and objectives; timelines should consider potential risks and how to mitigate risks.

IMPLEMENTATION

Secure diverse and comprehensive funding and incorporate continuous quality improvement strategies. Sustainability planning is ongoing and should be considered concurrently during each phase.



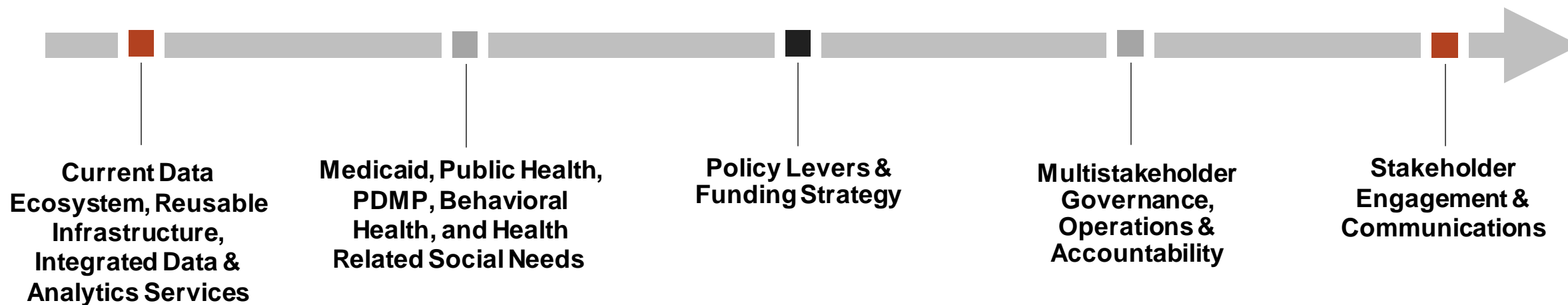
Transforming to HDU

Current State

- **Self Assessment** – Know where your state, community, and organizations are with digital maturity.
- **Stakeholder Collaboration** – Who are the collaboration partners in the community? State level?
- **Multistakeholder Governance** – What is the current governance model, and does it need to be modified?
- **Geography** – What is the geographic footprint? What is the white space with no connections?

Strategic Priorities

- What are the strategic priorities?
- What is the funding strategy?
- What are the policy levers available to build capacity?
- How is multistakeholder governance developing?
- How are stakeholders, community partners, and patients engaged and communicated with?



Health Data Utilities, community partnerships, will-building/trust, furthering community care hubs, and health improvement efforts

Comagine Health is a national, nonprofit, health care consulting firm.

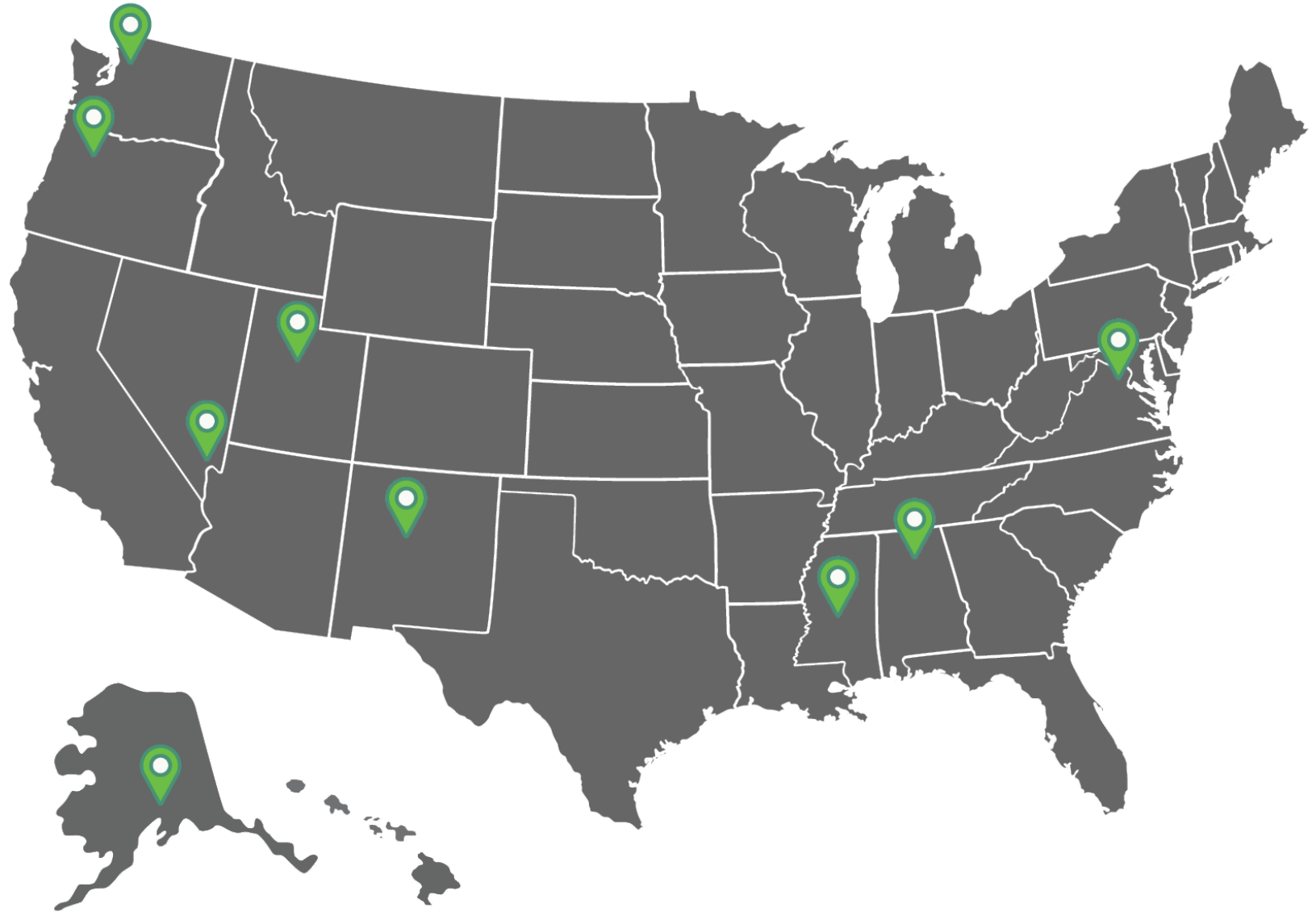
We work collaboratively with patients, providers, payers and other stakeholders to reimagine, redesign and implement sustainable improvements in the health care system.

Comagine Health Overview

- Our Services
 - Systemwide Quality Improvement
 - Care Management
 - Research and Evaluation
 - Data Solutions
- More than 400 professional staff
 - Quality improvement experts
 - HIT specialists
 - Data analysts
 - Medical directors and nurses
 - Case managers
 - Clinical reviewers

Our Offices

- Alabama
- Alaska
- District of Columbia
- Mississippi
- Nevada
- New Mexico
- Oregon
- Utah
- Washington



RHICs and HDUs

- Governance comes first
 - RHICs are, by definition, multi-stakeholder governed and leverage existing building blocks within communities
 - For community HDUs, HIEs, APCDs, CBOs need to be at the table from the beginning to make it truly community-led and built
 - Governance should initially focus on ideal data sharing principles, and not necessarily platform or technical functionality
 - Focus on local needs and build into a utility model that can meet those needs

Civitas member case studies featuring emerging HDUs



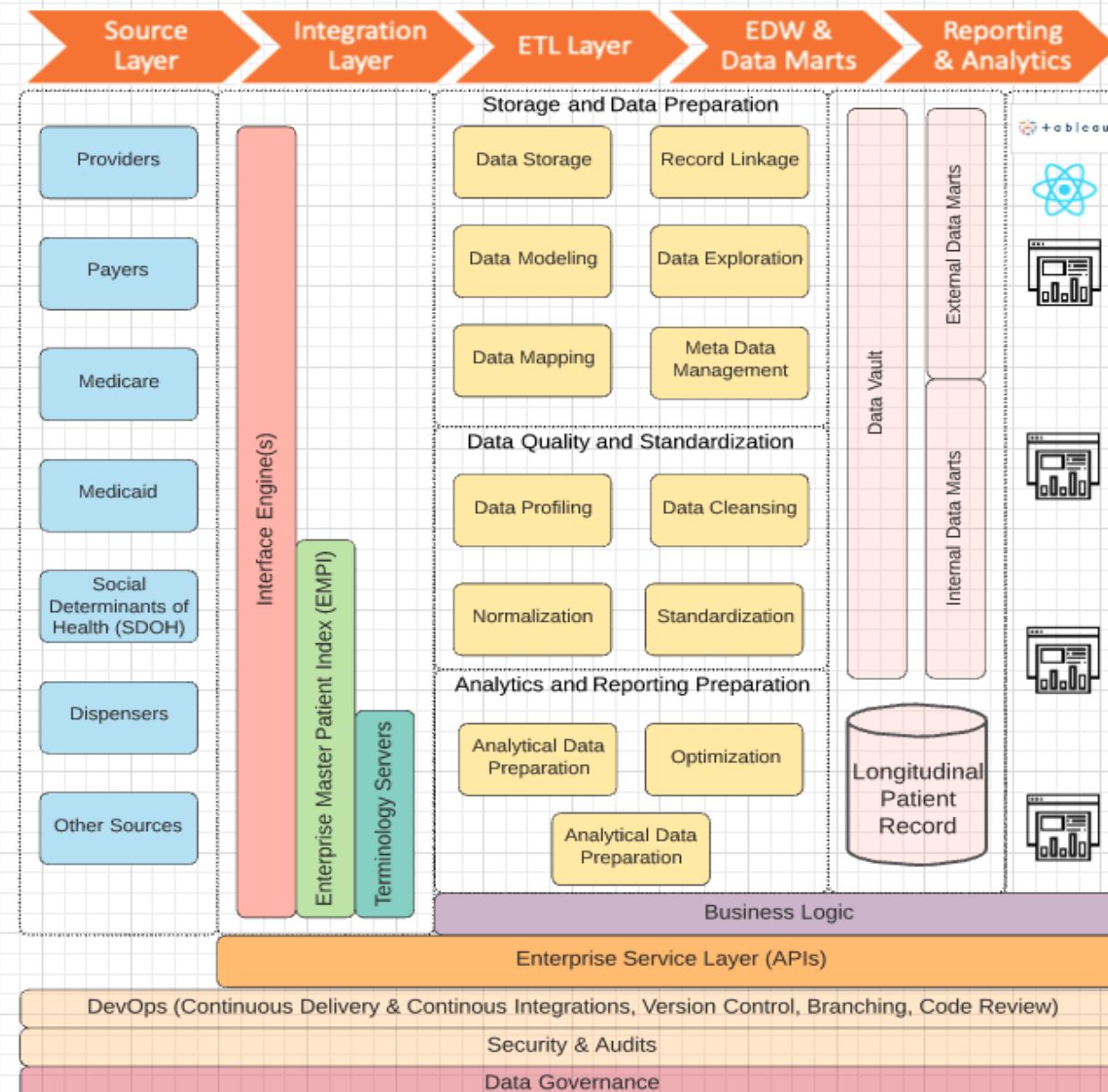
Roadmap to Health Data Utility

CyncHealth

2023-2026

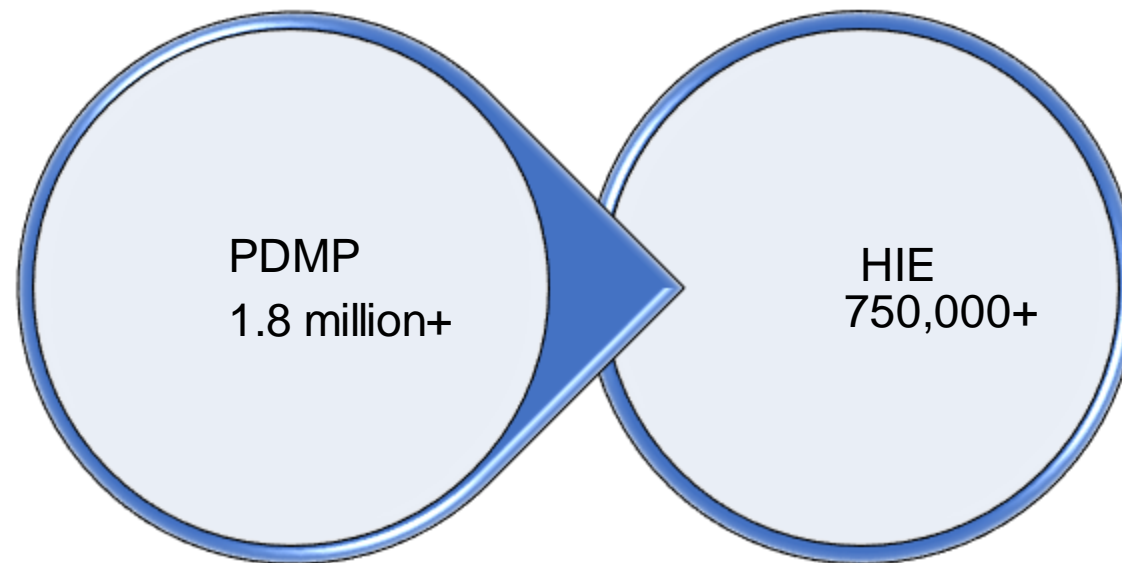
- In addition to local governance, the common purposes of health data utility are to provide reliable, affordable, trusted, not-for-profit via a public-private partnership.
- We are reinvesting back into the utility model, as well as into community programs, infrastructure and projects.
- What are the advantages a public private partnership and state designated entity (health data utility)?
 - Providers have a voice in form and function
 - Accessibility, scalable and efficient
 - Transparency, trust, reliability
 - We help providers build use cases that are high value and improve health outcomes
 - We help public health, human services and Medicaid access data that is within governance and makes sense to their environments
 - We're not for profit and serve only our designated areas
 - We reinvest in our infrastructure and the community

CyncHealth 2021-2026



Health Data Utility in Practice

Results returned in a monthly snapshot:

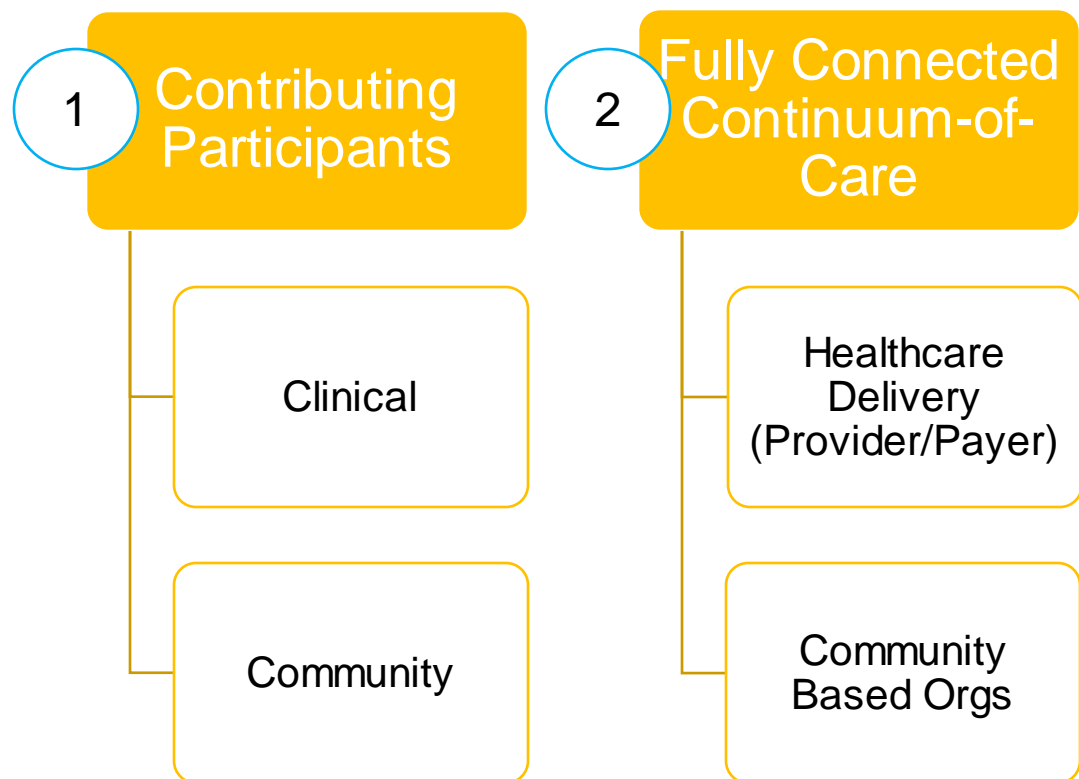


**To improve
health
outcomes
... an HDU
must
include:**

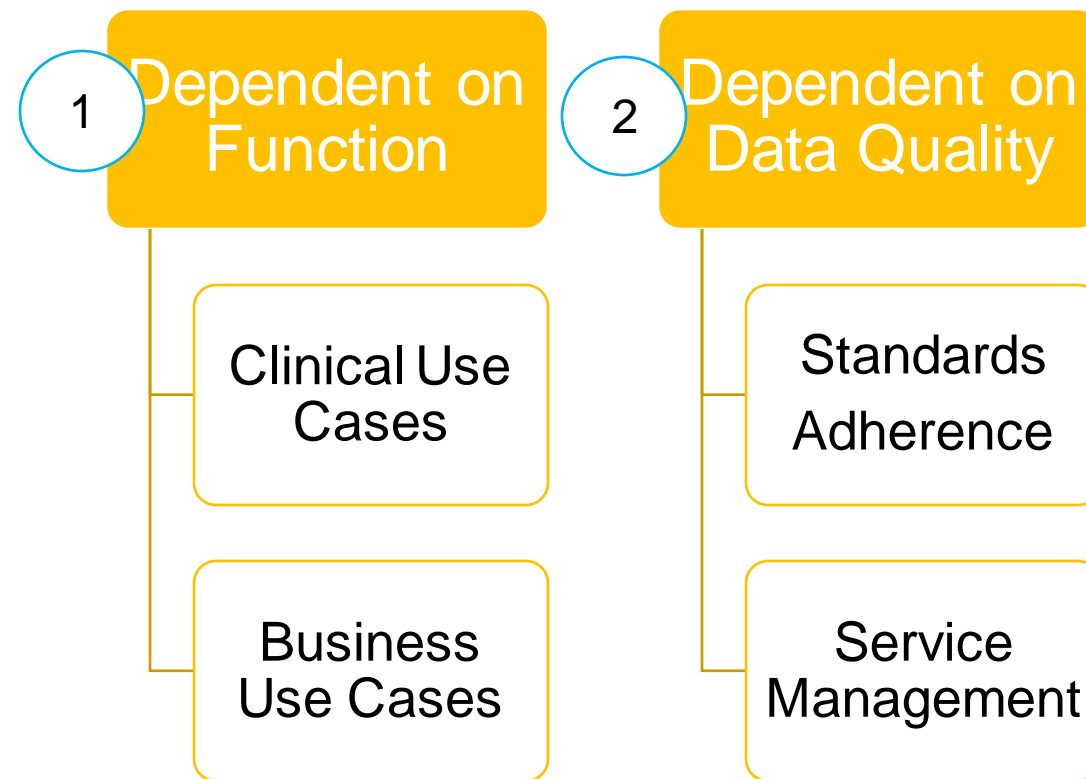
- Nearly 100% participation
- Frictionless components: Workflow Integration
- Robust data governance work
- Delivers on multiple use cases
- Frictionless experience for
 - Providers
 - Policymakers
 - Public Health
 - Person
 - Payer
 - Value Based Care
 - Alternative Payment Models
 - Population Health- person centered

The Health Data Utility value proposition

HEALTH DATA: Requires Acquisition



UTILITY: Requires Application



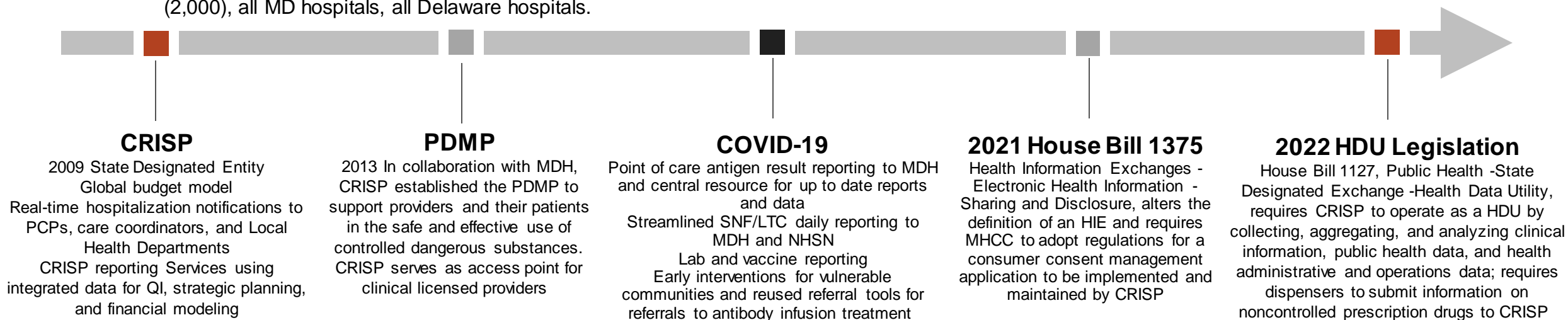
Emerging HDU: Maryland

Current State

- **Collaboration** – CRISP and Maryland Health Care Commission.
- **HIE Certification** – Required annual registration for data exchange operators in MD (12 HIE vendors).
- **Geography** – Maryland, provides shared technical services for DC, WV, CT, and AK.
- **Size** – (May 2022) ENS messages sent (3.5 million), portal users (107,000), reports accessed (2,750), report users (2,000), all MD hospitals, all Delaware hospitals.

Strategic Priorities

- Push suspected overdose events to a local health department to try new outreach programs.
- Sending referrals from primary care practices to community-based organizations.
- Include consumer advocate in advisory groups.
- Consumer Consent Management Utility (CMU).



**What does the Framework
mean for the national health
data ecosystem?**

On the Edge of National Change

The national health care data landscape remains fragmented, but new federal and state mandates - and increasingly compelling private sector options for exchange - promise to reshape how health information exchange is conducted through the decade ahead.

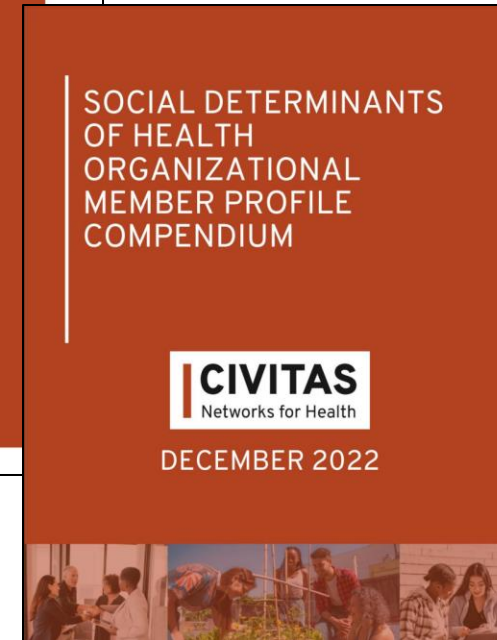
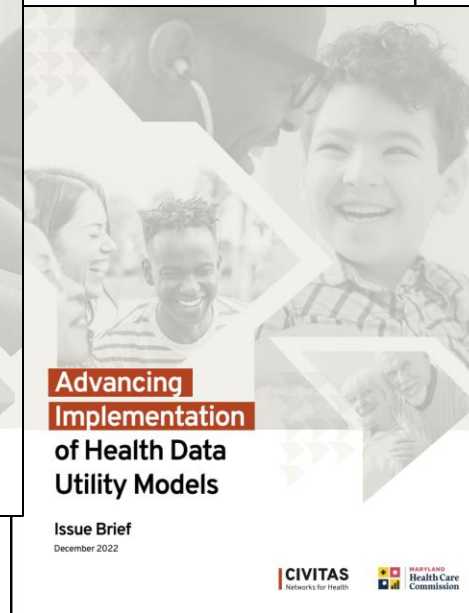
Health Data Utilities present a national opportunity for HIEs and data-led entities to:

- ***Strengthen community engagement and build trust*** through multi-stakeholder, cross-sector governance
- ***Compete on value-add***, leveraging their linkage, analytic, and reporting capabilities to address information gaps and serve critical population and public health use cases
- ***Deepen their technical capacity*** to support higher data quality and utility expectations; consume, integrate, and share new data types and sources; and meet new analytic and reporting demands
- ***Own their roles*** as public-serving enterprises, rising to meet the new demands of public agencies and mandates, and be held rigorously accountable for the public designation or investments they receive

How health information exchanges and other collaborating entities position and prove themselves today - locally and nationally - will be determinative to their role in the future national health data landscape.

Staying engaged with Civitas

Civitas HDU resources now available



<https://www.civitasforhealth.org/resources>

REGISTRATION IS OPEN!

**THE CIVITAS NETWORKS FOR HEALTH
2023 ANNUAL CONFERENCE
IN PARTNERSHIP WITH CHESAPEAKE
BAY REGION MEMBERS**



**Public-Private
Partnerships that
Inspire Health
Transformation**

In Partnership with Chesapeake Bay Region Members

**August 20-23
National Harbor, MD**

KEYNOTE SPEAKERS ANNOUNCED!



**Public-Private
Partnerships that
Inspire Health
Transformation**

In Partnership with Chesapeake Bay Region Members



Judith Monroe, MD

**CEO of the CDC
Foundation**



**Brian Castrucci,
DrPH, MA**

**CEO of the deBeaumont
Foundation**



Anne Zink, MD

**Chief Medical Officer
of the Alaska
Department of Health
and President of
ASTHO⁴³**

KEYNOTE SPEAKER ANNOUNCED!



Stella Safo, MD, MPH
Founder and Executive Director
Just Equity for Health

Sign up for the Civitas newsletter

[Sign Up Here](#)

The screenshot displays the Civitas Networks for Health website. At the top left is the Civitas logo and the text "Civitas Networks for Health". To the right is a search bar with a magnifying glass icon and the word "Search". Below the header is a navigation bar with "All", "Stories", and "Events" links. The main content area features a grid of nine article cards. Each card includes a thumbnail image, a title, a subtitle, the Civitas logo, and the time since publication. The articles cover topics such as oncology quality measures, industry news, health equity, and consensus cloud solutions. On the right side, there is a "Trending Categories" section with a "View All (27)" link and several category buttons with search icons. Below this is a "Connect With Us" section with links for Twitter, LinkedIn, and the website.

Civitas Networks for Health Search

All Stories Events

Member News | Telligen Champions Oncology Quality Measures Use Case
Civitas Networks for Health 20 hrs ago

Industry News | Healthy Alliance and United Way of the Greater Capital Region Support...
Civitas Networks for Health 21 hrs ago

AcademyHealth Blog | Despite Progress, We Still Need Innovation in Health Data and...
Civitas Networks for Health 21 hrs ago

Industry News | RISE: Live from the SDoH Policy Forum - Keynotes address national...
Civitas Networks for Health 21 hrs ago

Industry Blog | Robert Wood Johnson Foundation: We Used Your Insights to...
Civitas Networks for Health 22 hrs ago

Member Blog | Consensus Cloud Solutions: Robotic Process Automation (RPA) Saves...
Civitas Networks for Health Tue 10:28 PM

Advancing Health Equity through APM
Guidance on Social Risk Adjustment
HCPLAN | HEAT

Industry News | 2022 HEAT Guidance Document - Advancing Health Equity...
Civitas Networks for Health

Member News | Michigan Multipayer Initiatives: The Primary Care Review -...
Civitas Networks for Health

Civitas Webinar Event | Collaboratives in Action - Health Data Partnerships for...
Civitas Networks for Health

Trending Categories View All (27)

- Member News
- Data & Measurement
- Industry News
- Technology & Innovation
- Public Health
- Health Information Exchange
- Clinical Quality Improvement
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Questions & Answers



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