



Participant Engagement Committee Meeting

April 28, 2025



Agenda

- › Introductions
- › Addressing Data Fragmentation
- › Patient Centered Data Home (PCDH)
- › How Does PCDH Work?
- › Connexus Joins PCDH
- › Q&A



Introductions

Eliei Oliveira, MS, MBA

- CEO of Connexus (Central Texas HIE)
- Member of the Health IT Advisory Committee (HITAC) at ASTP/ONC/HHS appointed by GAO
- Co-chair HITAC Annual Report Workgroup
- Co-chair Civitas for Health Learning Health Systems Workgroup
- Former Informatics Director for Dell Medical School and Harvard Medical School
- Medical informaticist and researcher

Keith Kelley, MBA

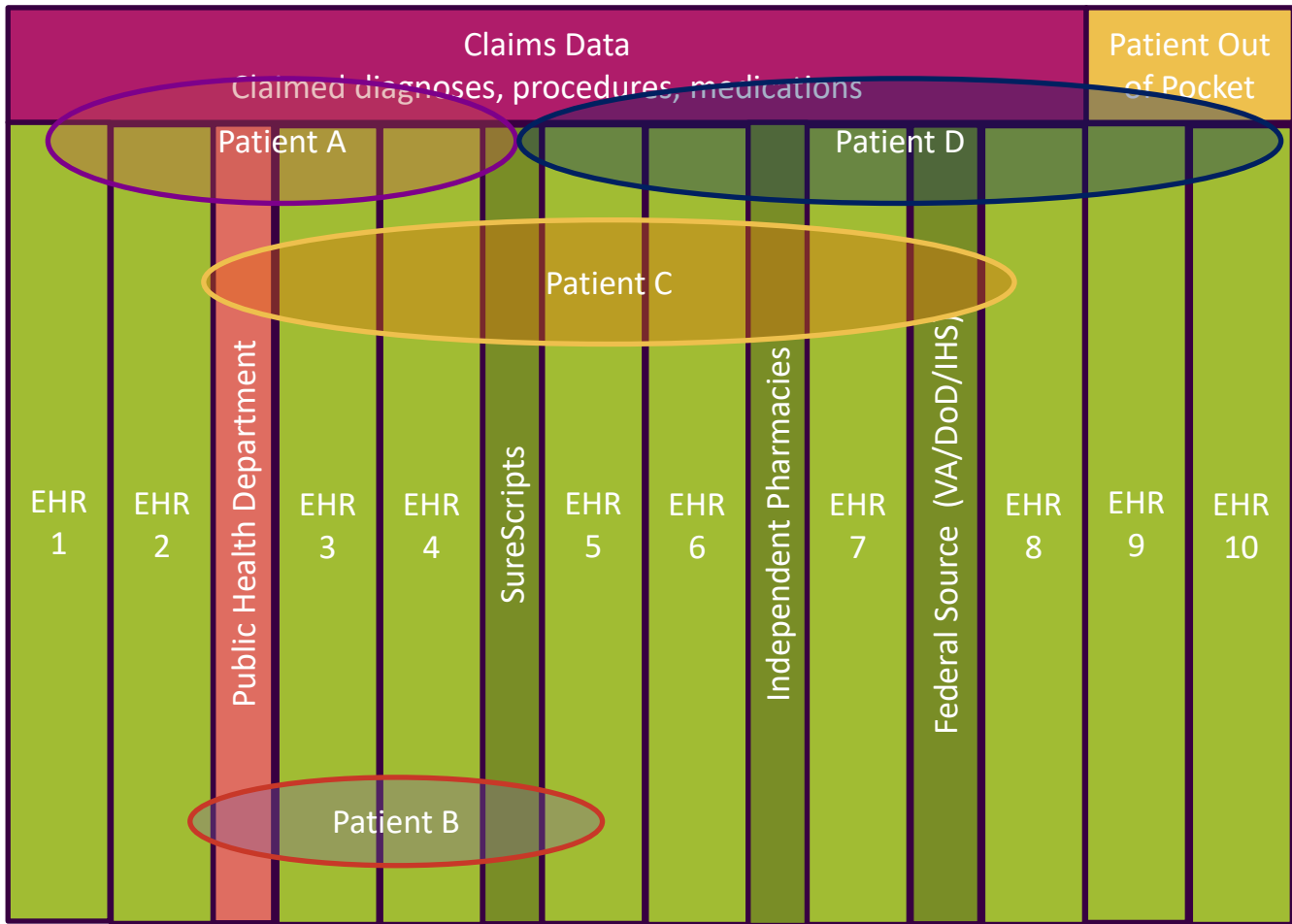
- COO of Indiana Health Information Exchange (IHIE)
- Board Chair of National PCDH Governance Council
- Board Chair of Heartland PCDH Governance Council
- Adjunct Instructor, UE and USI
- Contributing Author of *Health Information Exchange: Navigating and Managing a Network of Health Information Systems*

David Kendrick, MD, MPH

- CEO of MyHealth Access Network (Oklahoma state designated HIE)
- OU Academic department chair
- Former ONC Chief Counsel for Interoperability
- Board of NCQA
- Board of CIVITAS
- Physician, engineer, clinical informaticist
- Consultant to Connexus since 2023

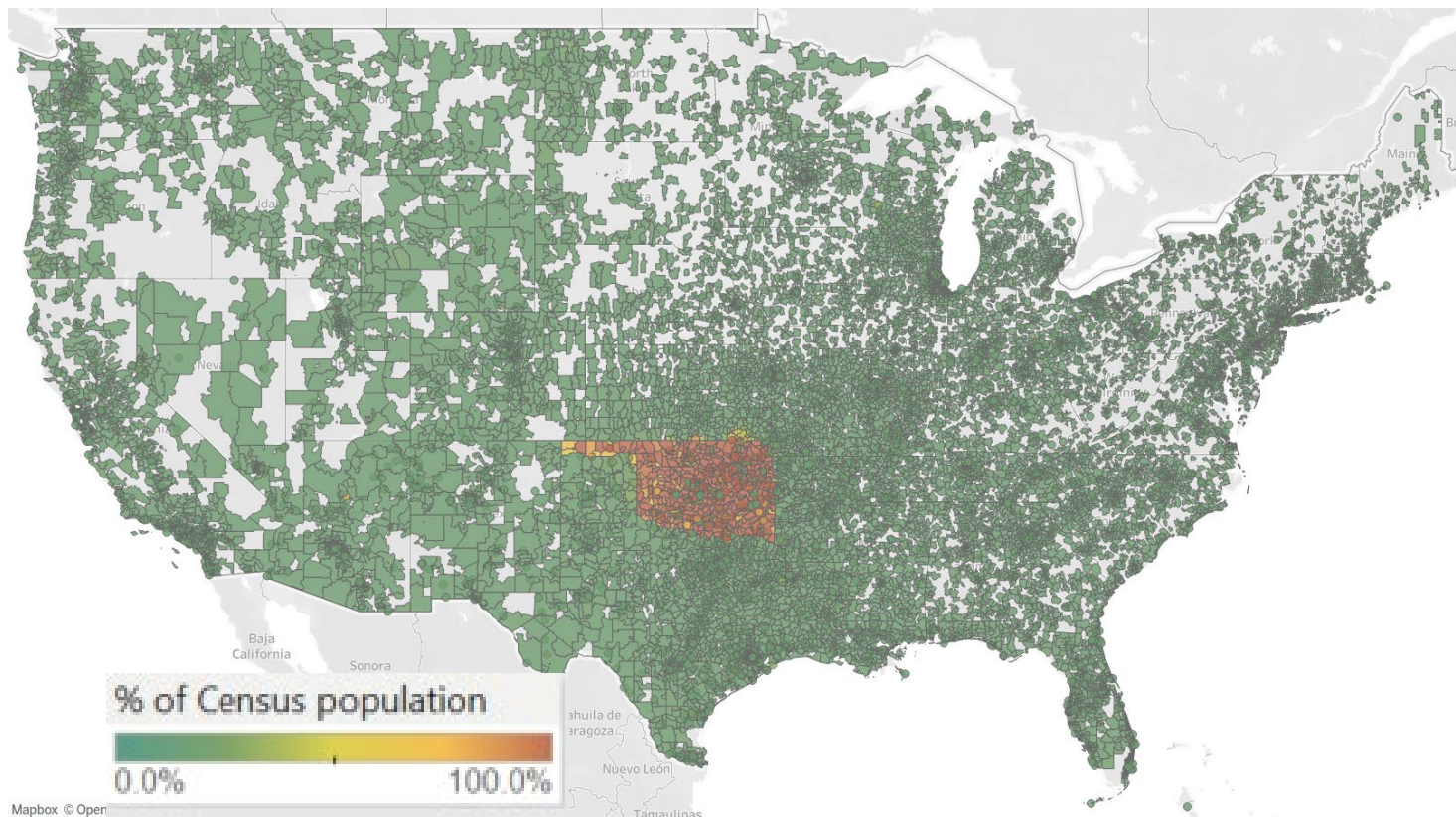


Addressing Data Fragmentation

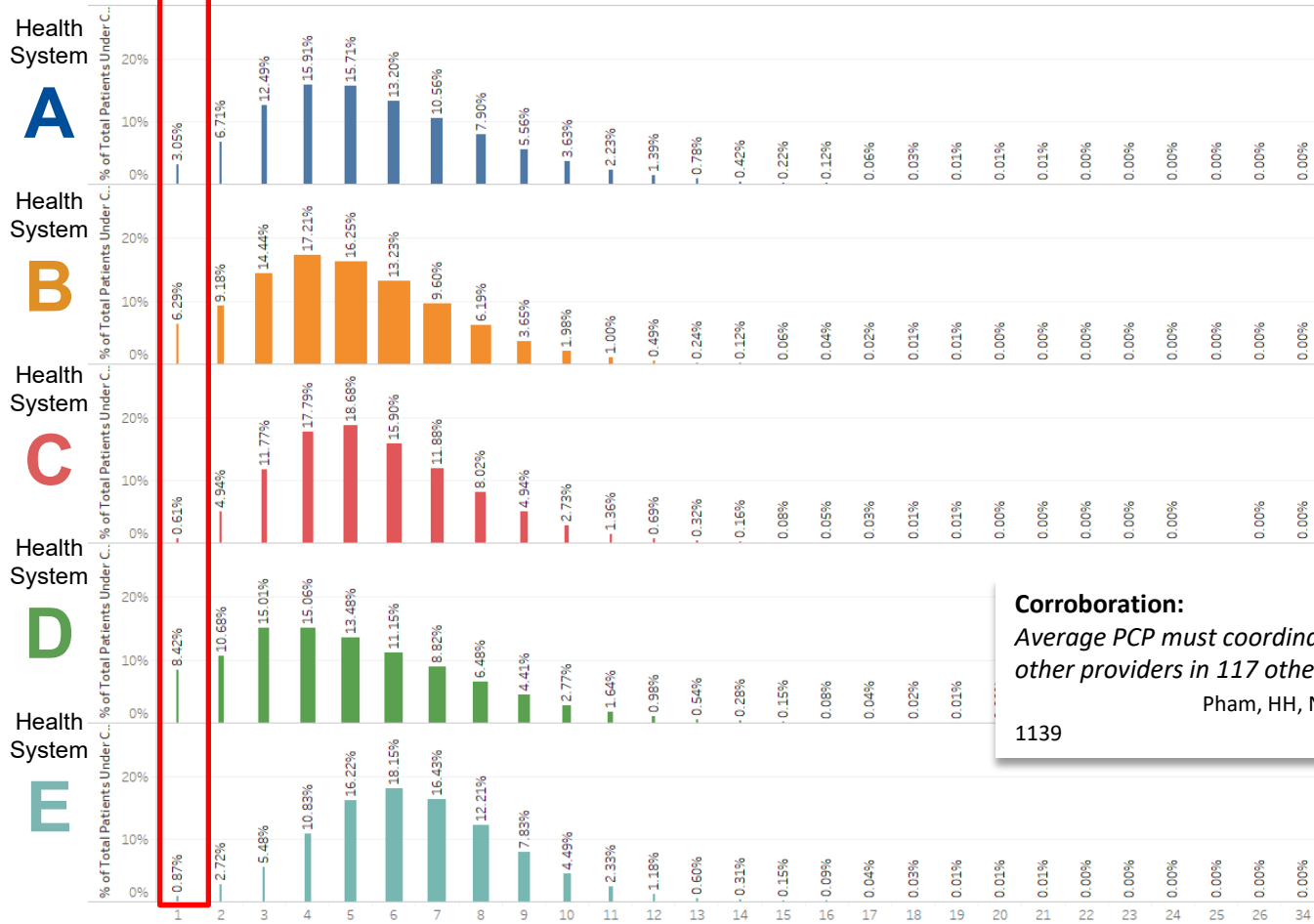


Claims: Medicaid	Claims: Commercial 1		Claims: Commercial 2		Claims: Commercial 3		Claims: Commercial 4		Medicare Commercial				
Patient A		Patient D											
Patient C													
EHR 1	EHR 2	Public Health Department	EHR 3	EHR 4	SureScripts	EHR 5	EHR 6	Independent Pharmacies	EHR 7	Federal Source (VA/DoD/IHS)	EHR 8	EHR 9	EHR 10
Patient B													

MyHealth HIE Patient Population



Data fragmentation by health system



Corroboration:

Average PCP must coordinate care with 225 other providers in 117 other organizations

Pham, HH, NEJM 2007; 356: 1130-

1139

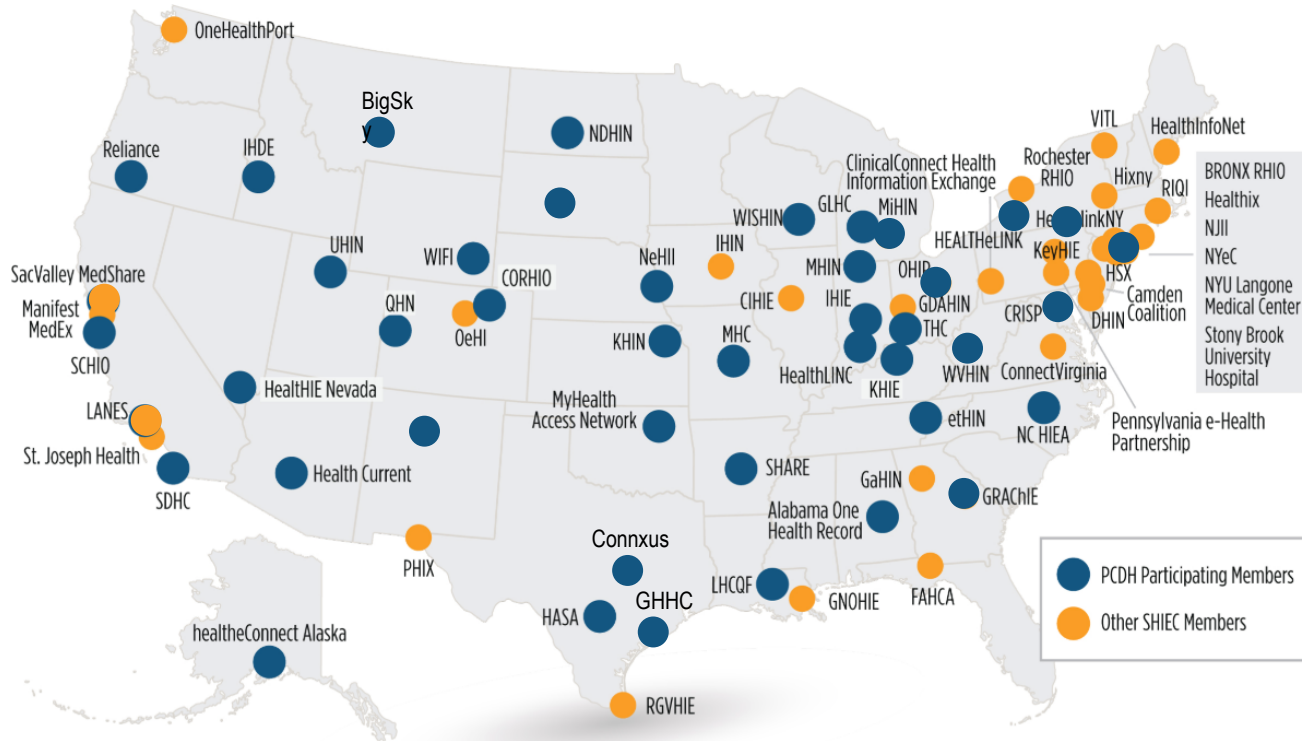
Fragmentation by EHR Vendor



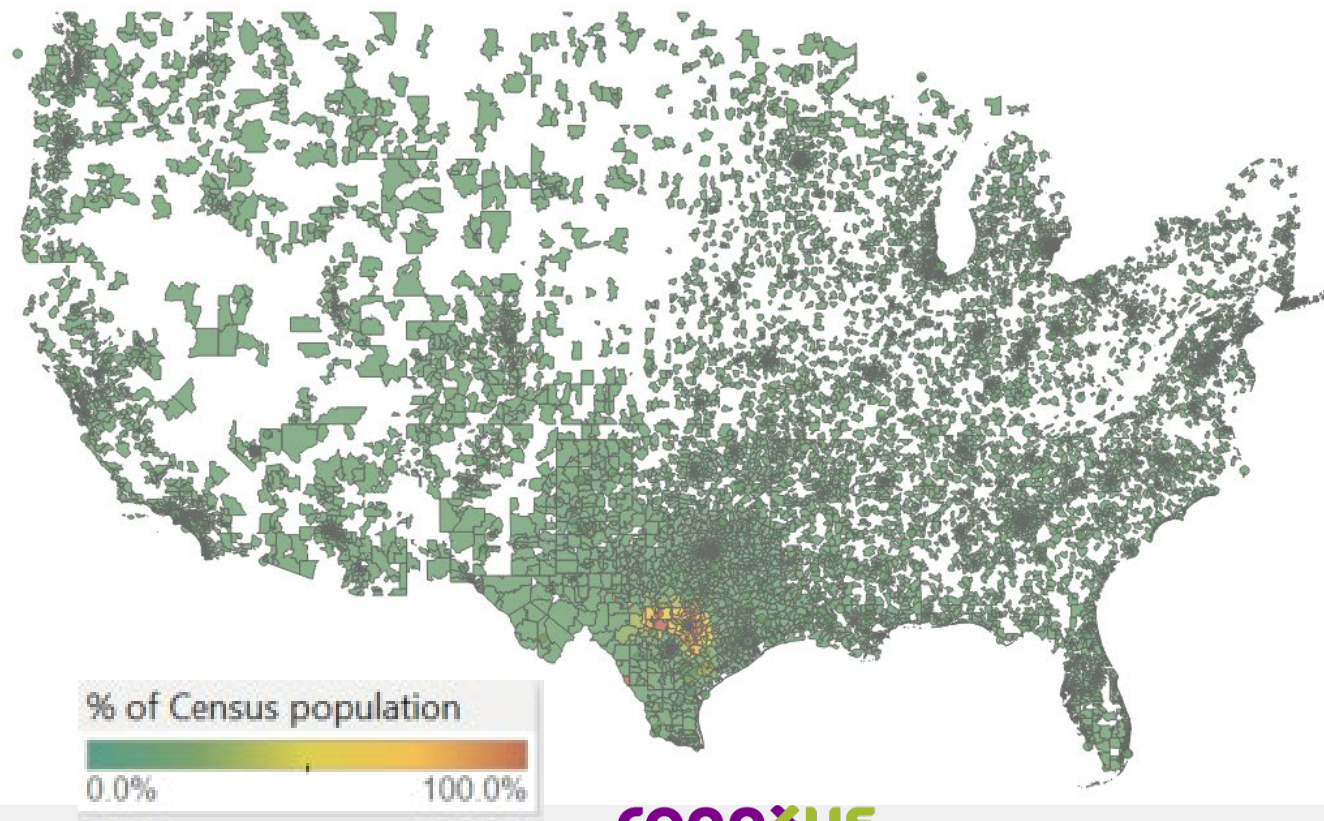
Fragmentation by EHR Vendor



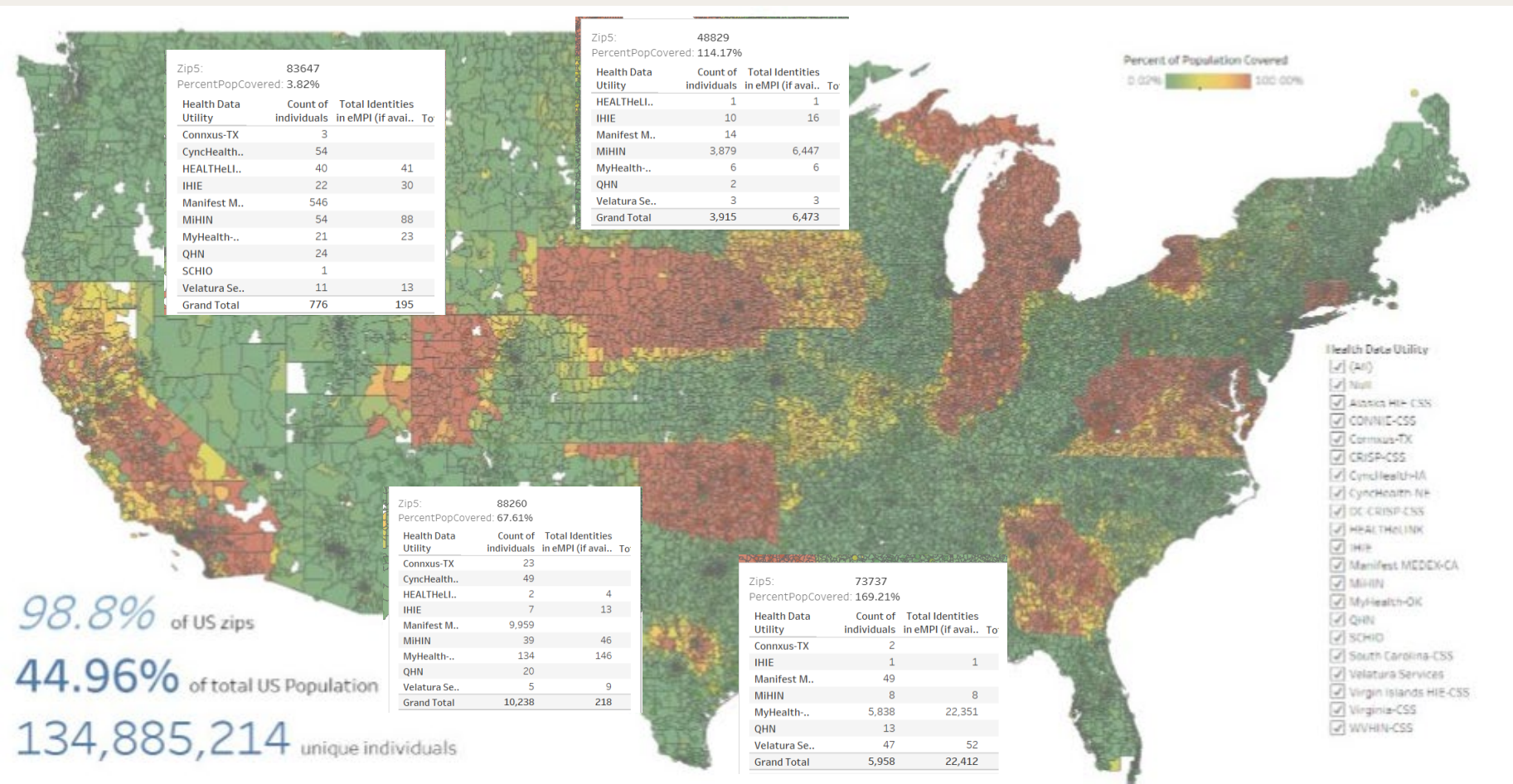
How does this model scale nationwide?



Connxus Patient Population

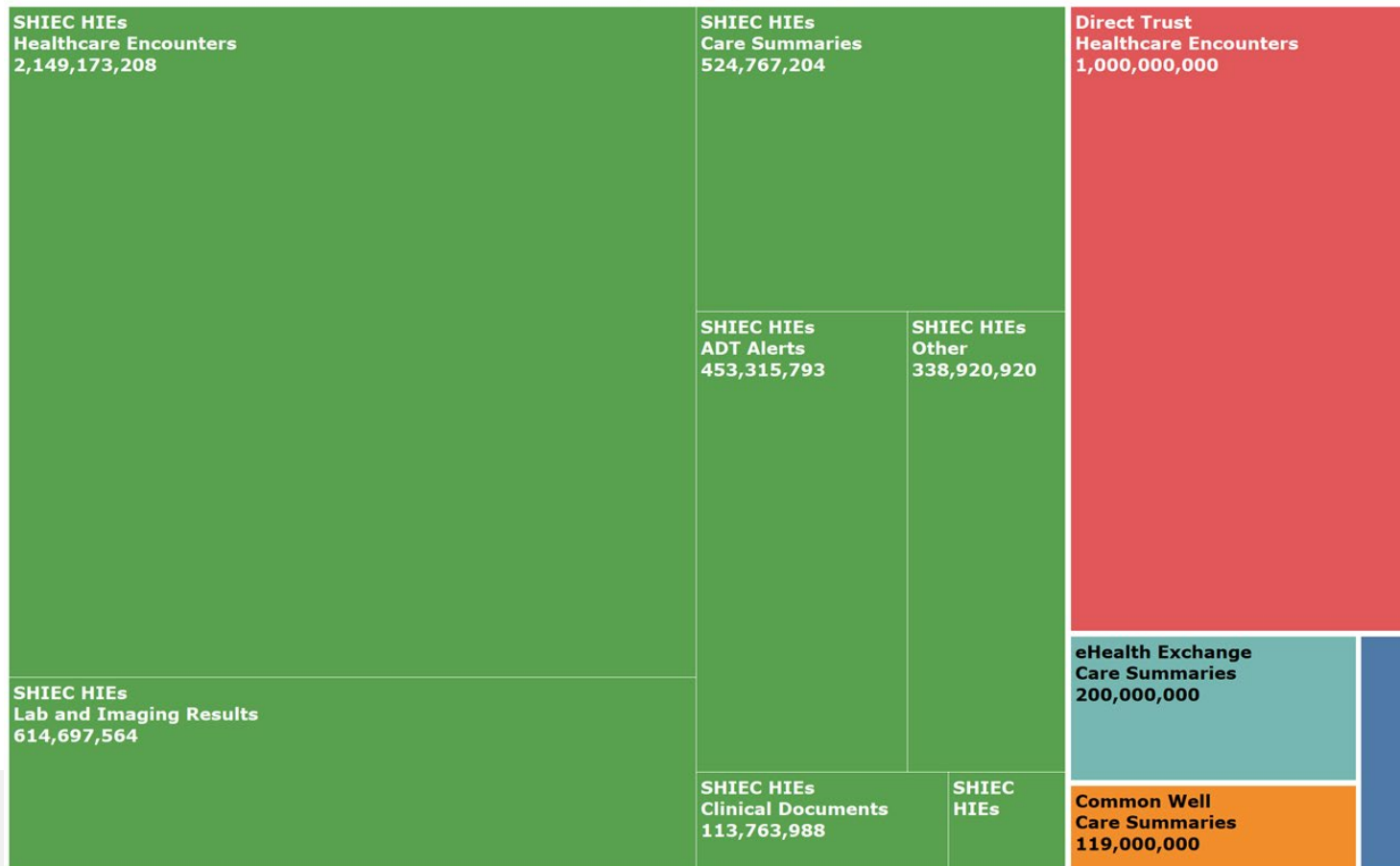


AREAS/POPULATIONS COVERED BY SEVERAL HDUs



2019 Annual Data Volumes by National Network and Type of Data

SHIEC HIEs (annual), Direct Trust (all time), eHealth Exchange (annual), CommonWell (all time), and Carequality (all time)



Data Sources (all from 2019):

SHIEC 2019 HIE Survey

DirectTrust.org website

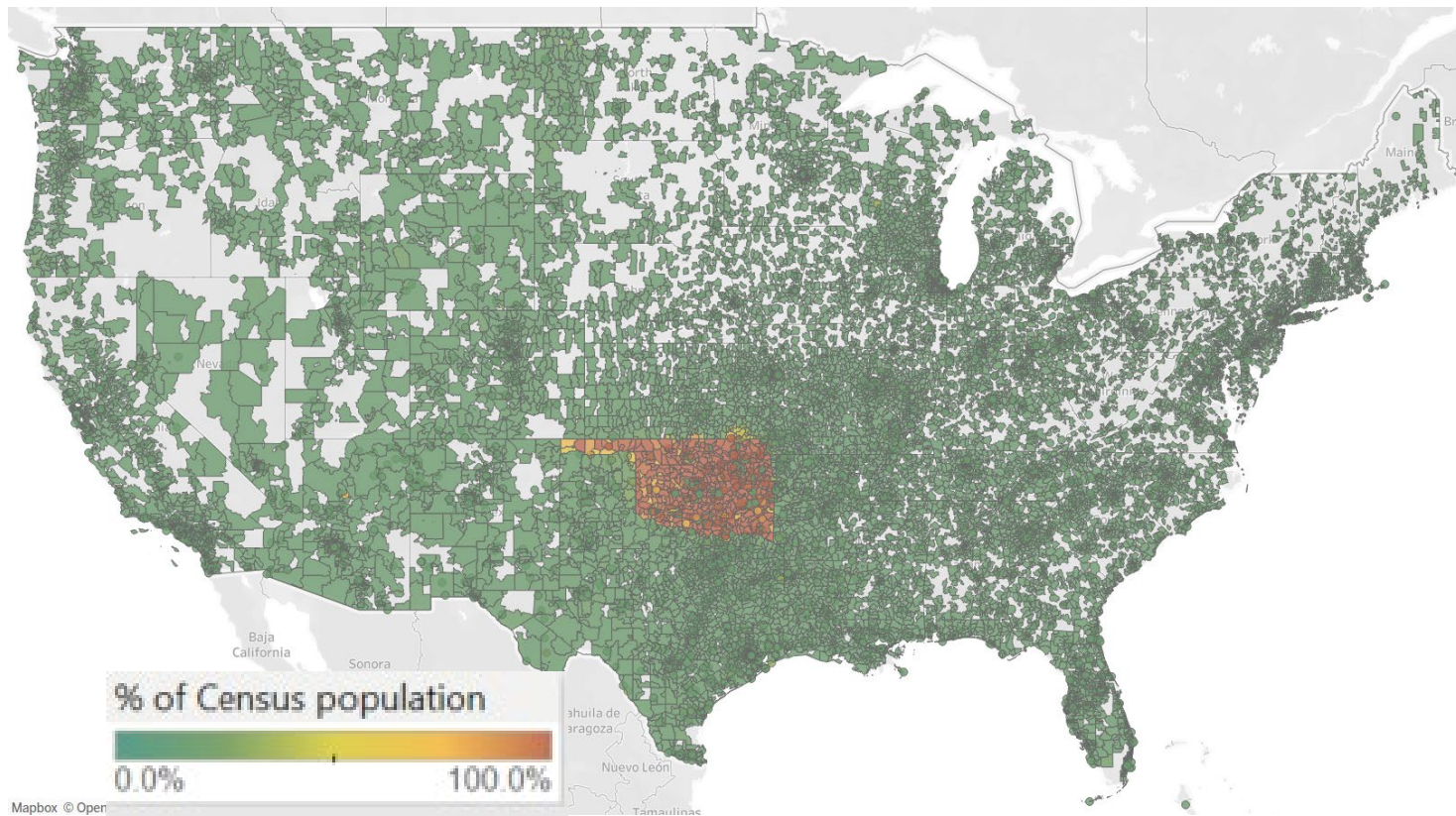
eHealthExchange website

CommonWell website

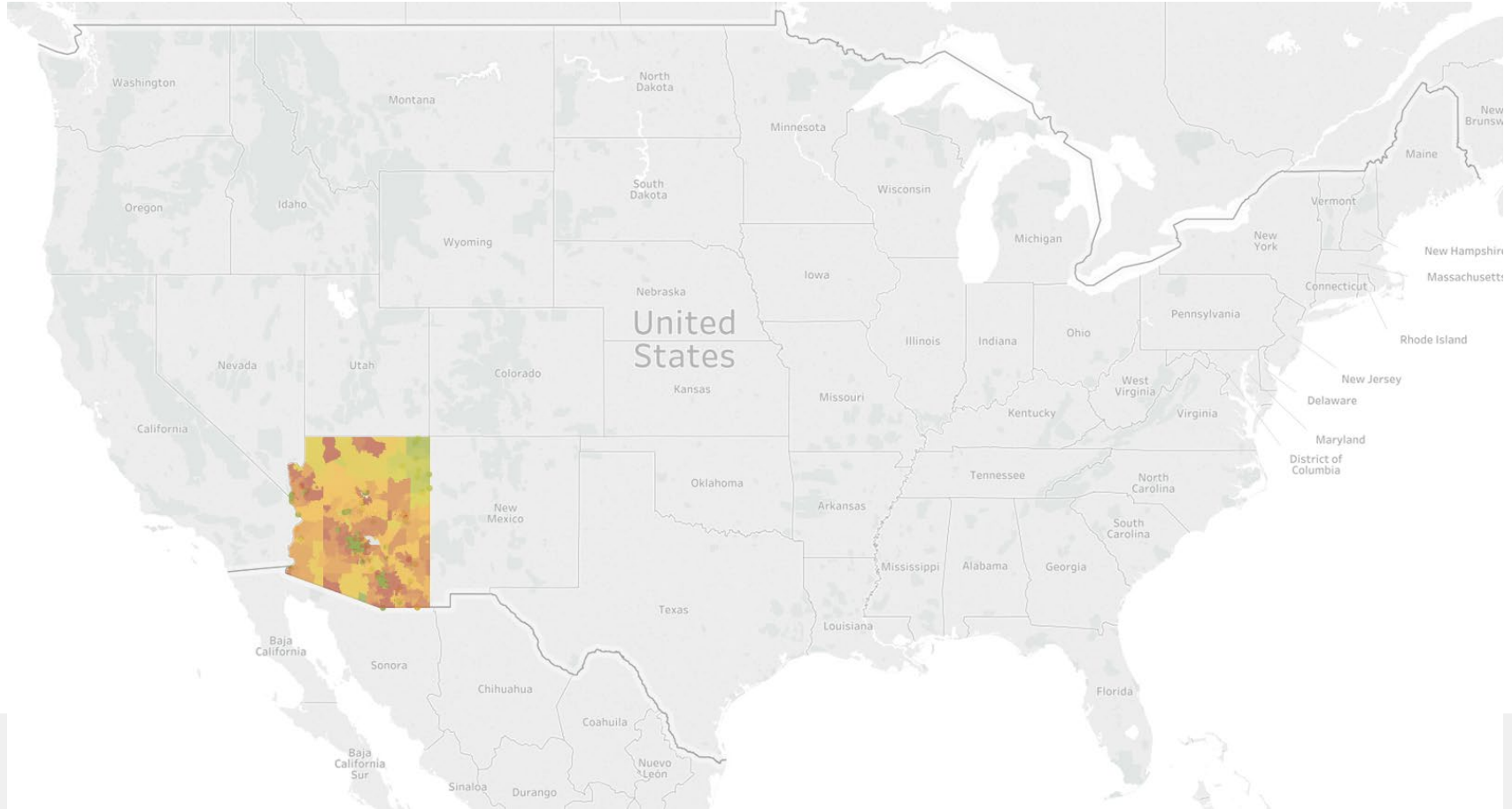
CareQuality Notes



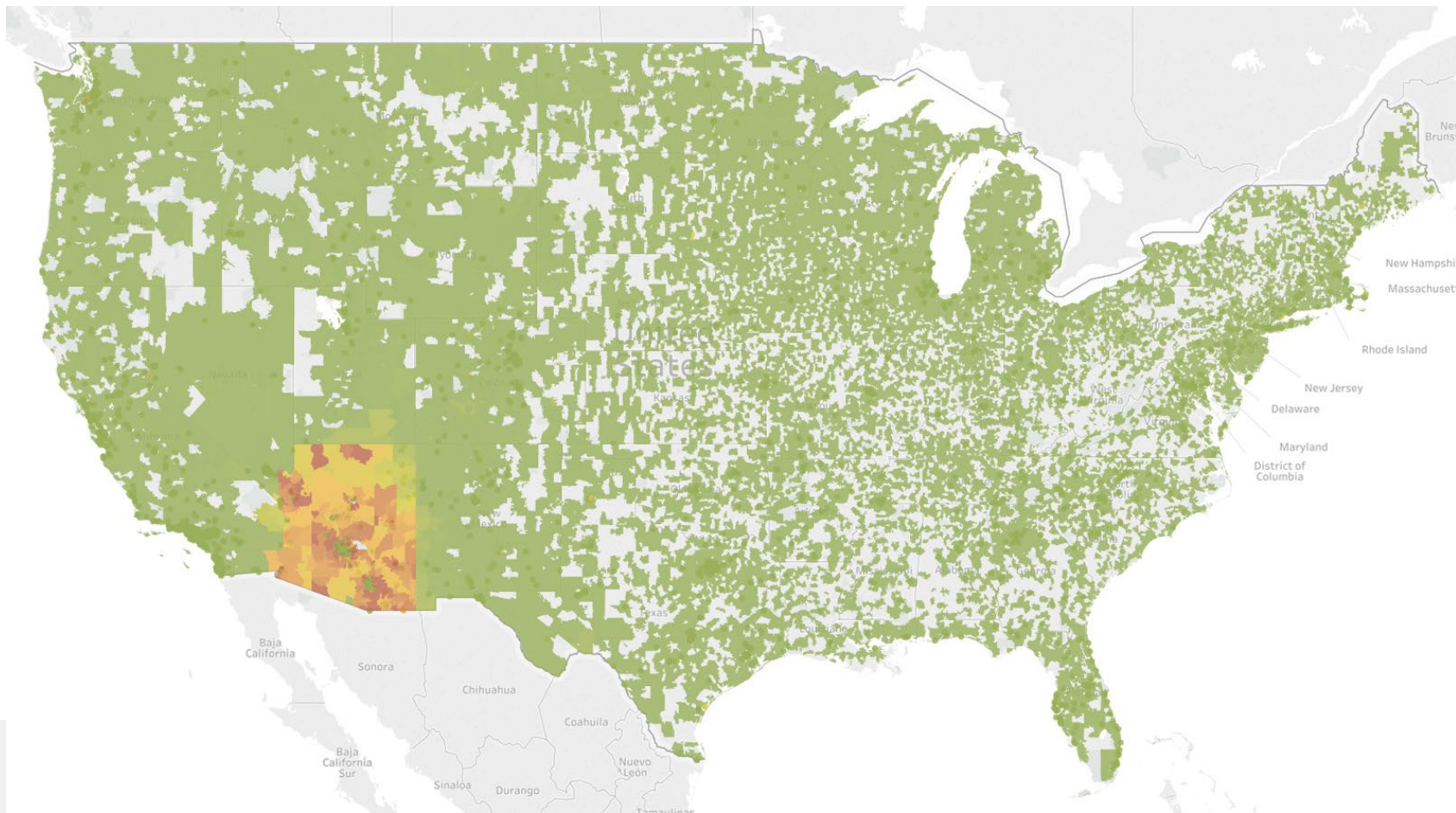
**How can we achieve
nationwide interoperability?**



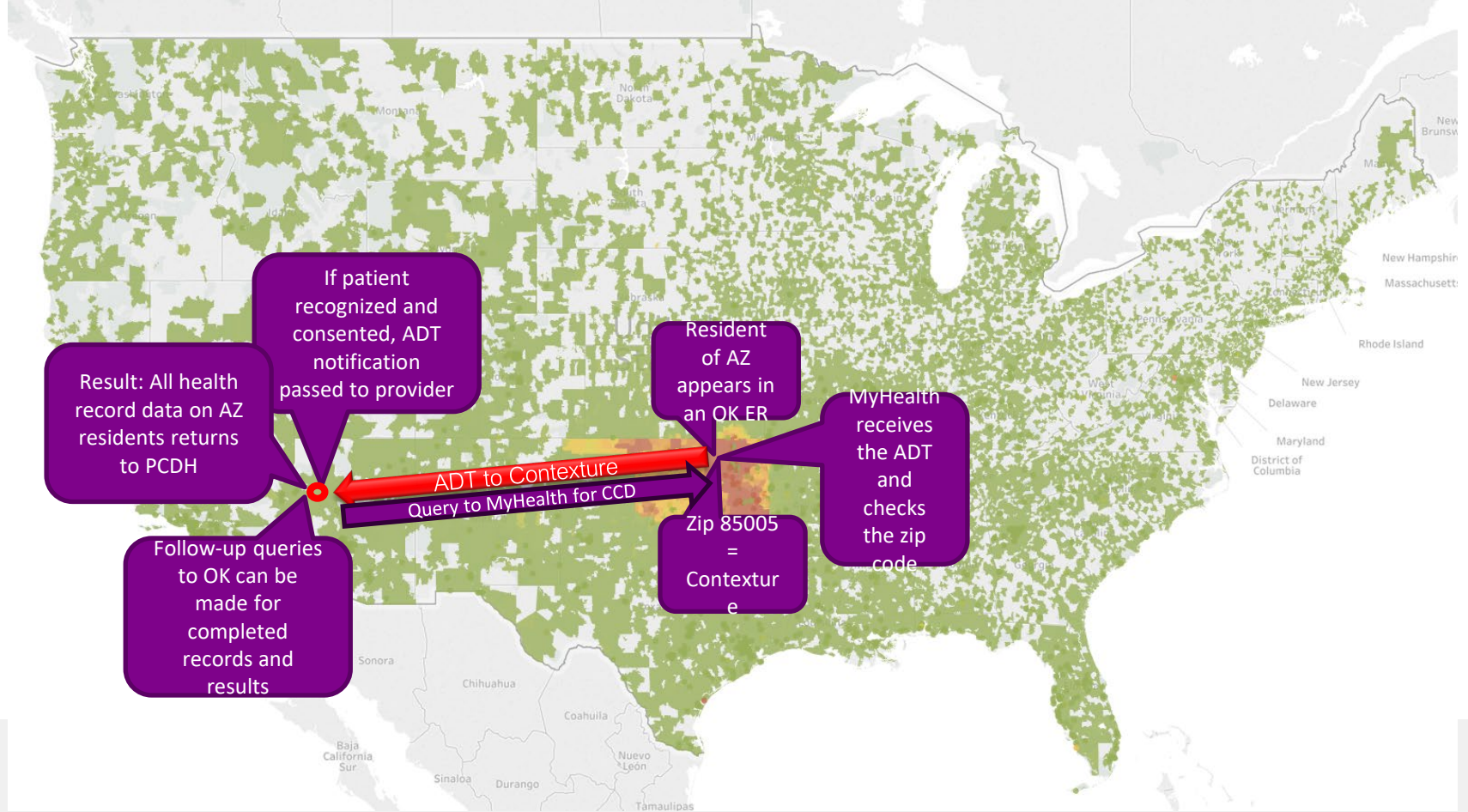
Member Population: Contexture



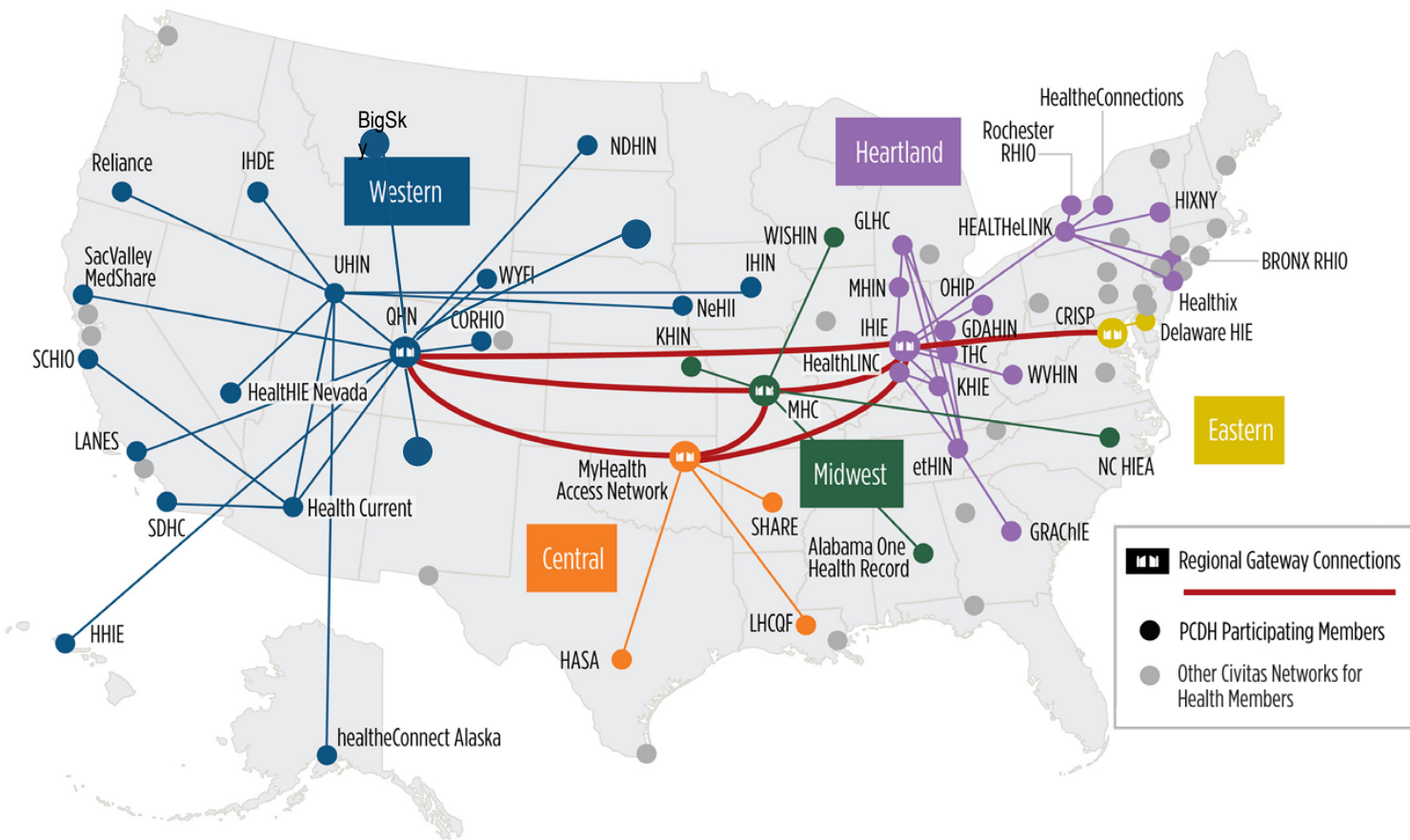
Member Population: Contexture



Patient Centered Data Home™



Patient Centered Data Home™ rapid growth



Patient Centered Data Home®

Content Provided by CIVITAS Networks for Health



About Patient Centered Data Home[®]

The Patient Centered Data Home (PCDH) is a cost-effective, scalable method of exchanging patient data among health information exchanges (HIEs). It's based on triggering episode alerts, which notify providers a care event has occurred outside of the patients' "home" HIE, and confirms the availability and the specific location of the clinical data, enabling providers to initiate additional data exchanges to access real-time information across state and regional lines and the care continuum.

PCDH is an initiative of Civitas Networks for Health that puts into practice the vision that clinical data should be available whenever and wherever care occurs and "centered" around the patient to improve patient care. In this model, all clinical data becomes part of the comprehensive longitudinal patient record in the HIE where the patient resides, called the Patient Centered Data Home.

PCDH® Features

- ✓ **Provides a vehicle** to close the loop on care when a patient is seen outside their normal care area
- ✓ **Protects** local stakeholders
- ✓ **Preserves** local governance
- ✓ **Enables nationwide access** to patient information that follows the patient and facilitates better treatment
- ✓ **Links existing communities of trust** established by health information exchanges

How It Works

Step 1

Away Care Team facility sends Alert to Away HIE of a patient encounter (ADT).

Step 2

Away HIE sends Alert to Home HIE based on ZIP code look up tables.

Step 3

Home HIE notifies Away HIE if there are patient records. At the same time, the Home HIE sends the Alert to the patient's usual home doctors.

Step 4

Home HIE and Away HIE exchange clinical data on the patient to improve short and long-term care coordination.

Step 6

Away HIE delivers records to Away Care Team and Home HIE shares post-encounter summary with Home Care Team.

How It Works



CIVITAS Networks for Health Patient Centered Data Home®



Health information exchanges (HIEs) are connecting nationwide to seamlessly deliver patient health information across state lines and across health systems, improving the patient experience by making their health information available whenever and wherever their care occurs.

OVER
1 BILLION

Total event notifications exchanged

SERVING
177 MILLION

Patients in PCDH regions

WITH
45 HIEs

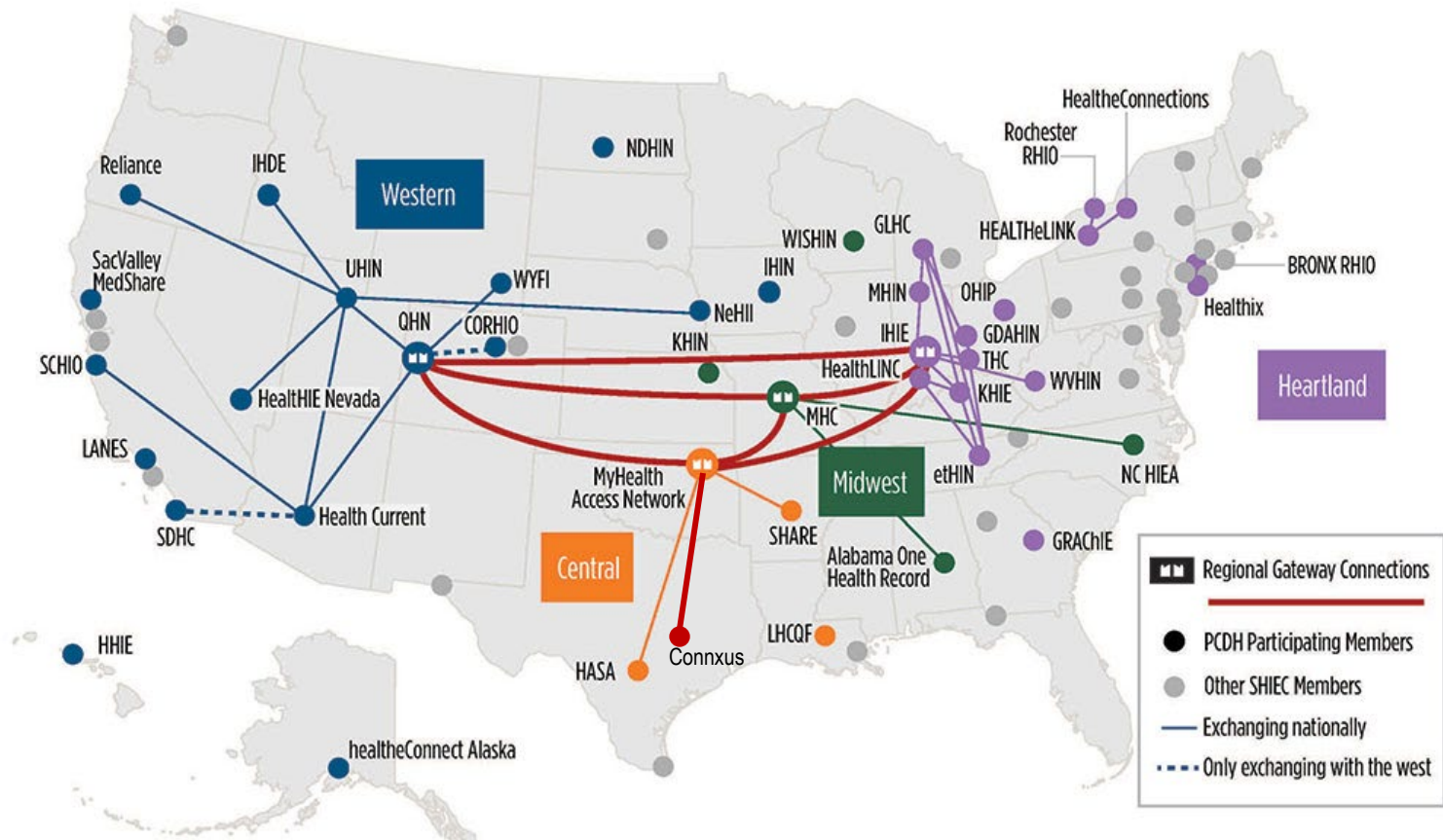
Participating

PCDH Governance

- Patient Centered Data Home Governance Council
 - 2 representatives from each Region
- Regions: Each has its own governance and potentially, agreement
 - Western Region
 - Heartland Region
 - Midwest Region
 - Central Region



Connexus Joins PCDH



Welcome to PCDH!

connexus

Connxus Joins PCDH

- Issuing a press release announcing the partnership in the coming weeks
- Products and services will roll out later this year following the integration of the new Connxus infrastructure
- Timeline:
 - Signed national PCDH agreement
 - Sign central node PCDH agreement
 - Identify zip codes to technology vendor to send to the central node
 - Move all interfaces to the updated infrastructure
 - Receive ADT alerts/reports for patient when they receive care nationally



Questions

Thank You

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connxus.org