eHealth Commission Meeting

VIRTUAL CONFERENCE

August 14, 2024

August Agenda

Title	Start	Duration
Call to Order • Roll Call and Introductions • Approval of June and July Meeting Minutes • August Agenda and Objectives *Kaakpema "KP" Yelpaala, Chair*	12:00	5 mins
Announcements ● OeHI Updates-eHealth Commission Updates ● Decision Items & Action Items *Stephanie Pugliese, Director, Office of eHealth Innovation (OeHI)* *eHealth Commission Members*	12:05	5 mins
Commission Spotlight: Health Information Exchange in Colorado *Melissa Kotrys, Chief Executive Officer, Contexture* *Marc Lassaux, Executive Director & CEO at QHN, Contexture*	12:10	1 hour
Public Comment Period	1:10	5 mins
Closing Items • Closing Remarks • Open Discussion • Recap Action Items • Adjourn Public Meeting *Dianne Primavera, Lt. Governor and Director of the Office of Saving People Money on Health Care* *Kaakpema "KP" Yelpaala, Chair*	1:15	5 mins

Announcements

OeHI and eHealth Commission Updates

- [Health Data, Technology, and Interoperability: Patient Engagement, Information Sharing, and Public Health Interoperability (HTI-2) Proposed Rule](#)

- [Colorado Disability Opportunity Office Director Position Open](#)

- [Colorado Commission of Indian Affairs (CCIA) Quarterly Meeting 9.5.2024](#)

- eHealth Commission Updates

Commission Spotlight: Health Information Exchange in Colorado

Melissa Kotrys, Chief Executive Officer, Contexture
Marc Lassaux, Executive Director & CEO at QHN, Contexture

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Creating connections. Improving lives.

eHealth Commission Spotlight: Health Information Exchange in Colorado
8/14/2024

Melissa Kotrys
Chief Executive Officer
Contexture
melissa.kotrys@contexture.org

Marc Lassaux
Executive Director
Quality Health Network
mlassaux@qualityhealthnetwork.org

Agenda

1. Introductions
2. HIE in Colorado
3. ONE Platform Transition & Solutions
4. Other Contexture Solutions
5. Questions

Speaker Introductions

Melissa Kotrys

Chief Executive Officer

Marc Lassaux

Executive Director, QHN

HIE in Colorado

Advancing individual and community health and wellness through the delivery of actionable information and analysis.

About Contexture

- ## Who We Are
  Contexture is the leading health information exchange (HIE) for Arizona and Colorado. We are the largest health information organization in the Western region.

- ## What We Do
  Contexture is a nonprofit regional organization that provides strategic, technical and administrative support to communities committed to advancing health through information sharing.

- ## Our Mission
  Advancing individual and community health and wellness through the delivery of actionable information and analysis.

Contexture by the Numbers

627 ARIZONA DATA SENDERS	**12K** USERS PER MONTH	**893** COLORADO DATA SENDERS
13.4M ARIZONA PATIENTS		**13M** COLORADO PATIENTS
11.7M ARIZONA NOTIFICATIONS PER MONTH	**51+M** CCD/HL7 TRANSACTIONS PER MONTH	**17.6M** COLORADO NOTIFICATIONS PER MONTH
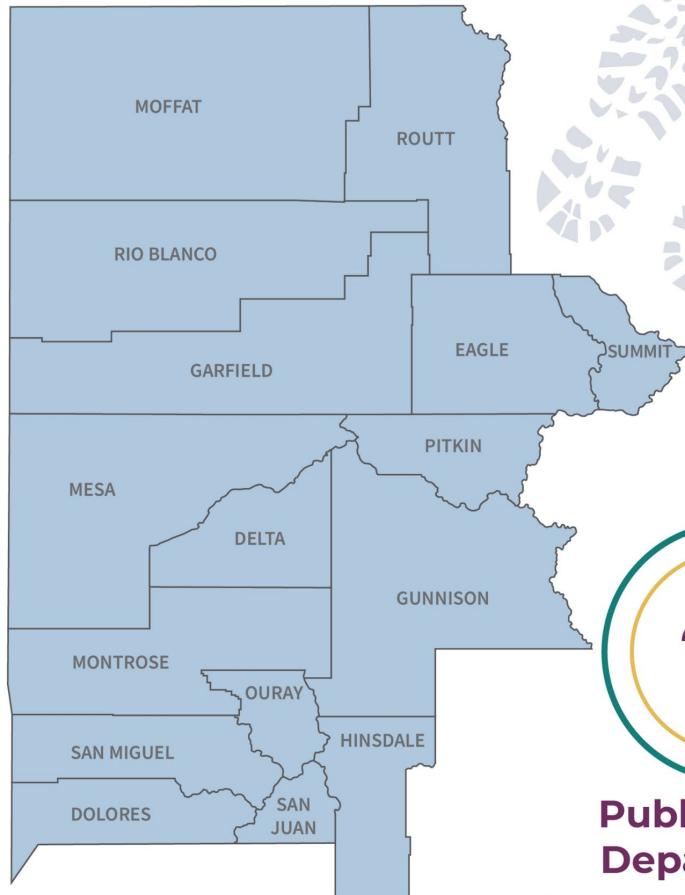
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QHN by the Numbers

Our Network

561 orgs
32 EMRs

482 digital delivery interfaces

100% of hospitals in our service area participate

90+% of providers in our service area participate

73% of patients have data in two or more systems

Total Lives Supported
over
1.3 Million

Messages Routed
over
147 Million
since 2015

QHN Users Today
over
5,500

Event Notifications Delivered
over
6.1 Million
since 2015
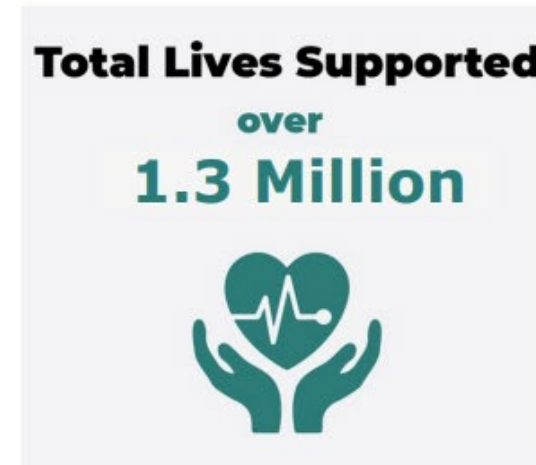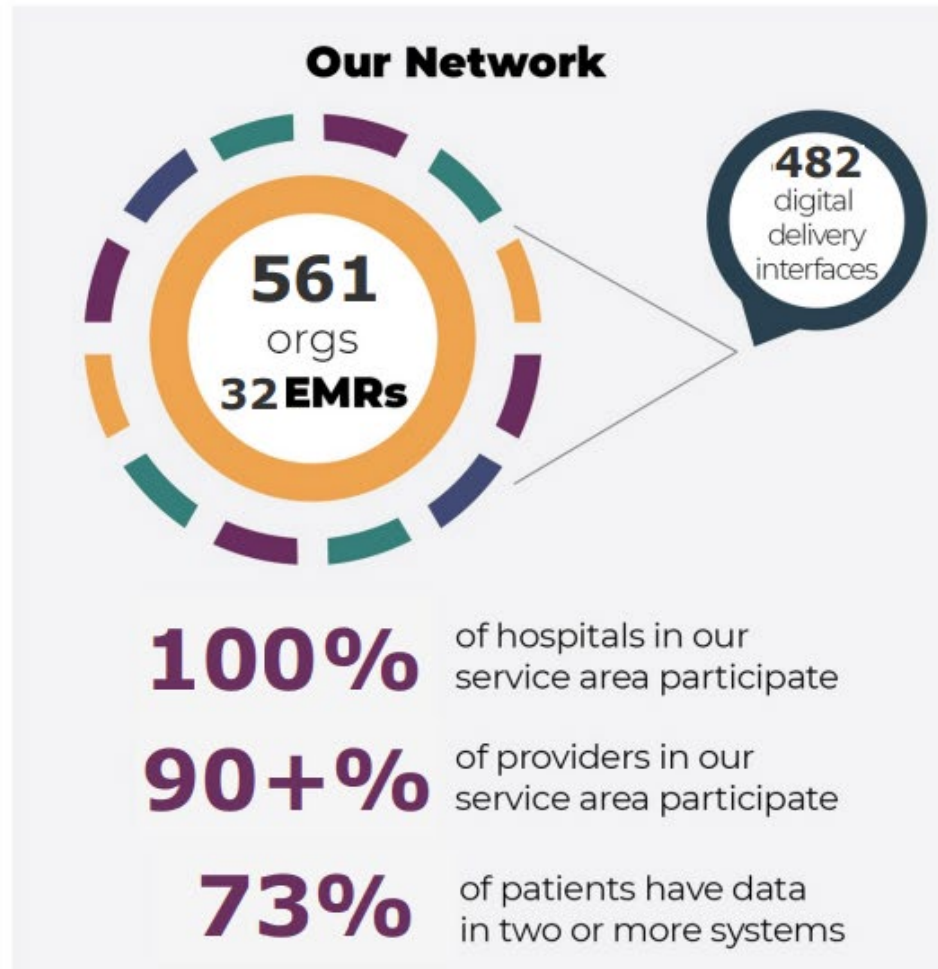
Contexture Solution Overview

Health Information Exchange	Quality Improvement	Data Analytics	Social Determinants of Health	Advance Directives	Public Health
Connecting digital health records to give providers the patient information they need at their fingertips.	Helping healthcare providers meet various federal reporting and compliance requirements.	Providing the information necessary to improve individual and community health.	Connecting healthcare and community service providers to streamline referrals and foster easier access to vital services.	Providing seamless access to advance directives documents across the continuum of care.	Working with public health agencies to improve emergency response, access to vital patient data and reporting.

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QHN & Contexture: **Affiliation Timeline**

- Great partnership over the years supporting our communities

- Letter of Intent (LOI) to Affiliate – August 2023

- Due Diligence September 2023 – April 2024

- Boards Vote for Affiliation – April 2024

- Publicly Announce Affiliation – May 2024

- Begin Transition Processes – June 2024

- Kick-Off ONE Platform Integration – Fall 2024

- Complete ONE Platform Integration – Q4 2025

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QHN & Contexture: **Benefits of Affiliation**

- Unified data systems

- Access to more services

- Access to larger data sets

- Expanded rural expertise

- Advancing respective strengths statewide

- Vision and strategic alignment

- Stronger national presence

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Board of Directors – CO Reps (15)

Patrick Guffey, MD – VICE CHAIR
Children's Hospital Colorado

Alexis Sgouros - OFFICER AT-LARGE
Kaiser Permanente

Brian Turner - TREASURER
Behavioral Health

Joe Adragna, MD
Peak Family Medicine

Lesley Brooks, MD
SummitStone Health Partners

Kevin Fitzgerald, MD
Mesa County Public Health

Patrick Gordon
Rocky Mountain Health Plans (United)

Steve Hess
UCHealth

Bryan Johnson
Intermountain Health – St. Mary's Medical Center

Paula Kautzmann
Colorado Access

Sophia Meharena, DO
Every Child Pediatrics

Mark Radlauer, MD
HCA/HealthOne Continental Division

Mike Stahl
Hilltop Community Resources

Chris Thomas
Community Hospital

Chris Underwood
Colorado Department of Health Care Policy & Financing

Strategic Direction

GROW

Expand the information exchange network

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 data and data access needs

Provide a modern data platform that unlocks the data and provides an architecture that supports continued growth

LEAD

Develop a responsive organizational infrastructure

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

What's Coming...

Robust, integrated platform w/ new functionality

Combined data sets & robust data analytics

Expanded permitted uses

New and expanded services – HIE, SDOH & more

Expanded geographic region

ONE Platform Transition & Solutions

New Unified ONE Platform – Coming Next Year!

28 Million
Patients

10,000
Users/month

23 Million
Alerts/month

- More features & functions

- Improved data exchange capabilities

- Enhanced security and protection

- Greater flexibility

- Enhanced user-experience

Contexture HIE Solutions

- **Core Solutions**
  - Inbound Data
  - Portal
  - Message
  - Notifications
  - Quick Results
  - Standard Reports

- **Add-On Solutions**
  - Results Delivery
  - Smart Summary
  - History

Portal (PatientCare 360)

- **How it Works**
  - Portal allows participants to seamlessly access patients' comprehensive health records.
  - Participants have access to the following data (not an extensive list):
    - Face Sheets
    - OR Reports
    - Discharge Summaries
    - Lab/Radiology/Path Reports

- **What's New in 2025/2026**
  - Access to AZ & CO data
  - CCD data – new in CO
  - Part 2 Data – available across both states via new general designation consent

Notifications

- ## How it Works
  - Notifications alert participants when a specific patient event has occurred based on members on their member file (except for ED High Utilizers).
  - Contexture offers a variety of Notification types that participants may choose from based on their individual needs.

Event Notifications
• Admission, Discharge, Transfer (ADT)
• Laboratory
• Pathology (FKA Other Clinical Results)
• Transcription (FKA Other Clinical Results)
• Radiology (FKA Other Clinical Results)
• ED High Utilizers – **NEW FOR CO**
• Mental Health Hospitalization **- NEW FOR CO**

Clinical Notifications
• Cholesterol*
• Hepatitis*
• Diabetes*
• COVID-19

These Notifications are a subset of the information included in the Laboratory Notification. Participants who purchase Lab do not have to buy these individually.

Quick Results (FKA Clinical Inbox)

- ## How it Works
  - Participants can use Quick Results as a central organization tool for managing daily patient care tasks.
  - Face sheets, results, and reports appear as they become available
  - Allows participants to have a clearinghouse of up-to-date data that is easy to access and organize.

- ## What's New for 2025/2026
 - Expanding solution availability to Healthcare Providers

Results Delivery

- ## How it Works
  - Results Delivery integrates directly and securely with the participant's system to deliver patient results, including Lab, Pathology, Radiology, and Transcribed Reports.
  - Data recipients can choose which data senders they would like to receive results from based on their provider network.

Your EHR
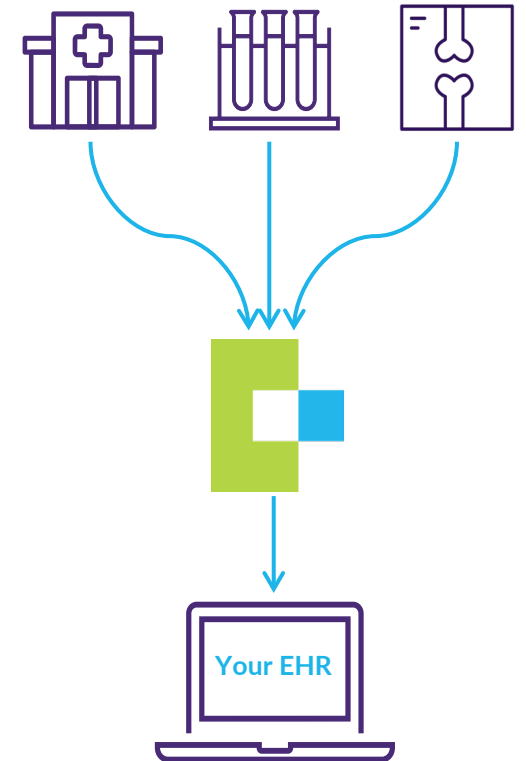
Standard Reports

Demographic – **NEW**
- Provides available race, ethnicity, primary language and gender data participant's members

Contact - **NEW**
- Provides all available phone, email, and street address data for a participant's members.

Encounter - **NEW**
- Provides data pertaining to the patient's condition and diagnosis during the time of their patient encounter/visit.

Vitals
- Provides vital sign output for: Systolic & Diastolic Blood Pressure, Body Mass Index, Height, & Weight.

Laboratory
- Provides laboratory testing results such as HbA1c + Glucose, Cervical Cancer, Chlamydia, Pregnancy, COVID, Flu, RSV , Cholesterol

ADT Notification Compliance Report *(Hospital Only)*
- Provides a hospital's Inbound HL7 data quality and the practices who have received their ADT Notifications

HTP Summary Report *(CO Hospitals Only)*
- Monthly summary report logging every ADT and ORU message meeting HTP measure filters and the notification provided to each RAE

Smart Summary (FKA Consolidated Care Summary)

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Member Lookback - NEW

- One-time production of a comprehensive CCD for each member on the member file.
- The CCD includes all available data with some level of normalization and de-duplication.
- Participants may choose between a lookback period of 12, 24, or 36 months.

Real-Time

- Provides on-going production of comprehensive CCDs on a participants member file when Contexture receives a specific ADT event type.
- The CCDs include all available data with some level of normalization and de-duplication with a lookback period of 12-months.

Admission

- Builds a dynamic member file for participants based on ADT event type triggers, while also producing, on ongoing comprehensive CCDs for members added to the dynamic member file when Contexture receives a specific ADT event type from the participant for a member.

Individual Authorization

- Ability to query the HIE and receive a one-time comprehensive CCD via API when the participant has a HIPAA Authorization from signed by the member.
- Contexture may store the Authorization form on behalf of the participant, or the Participant has the option to store.

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CIVHC ROI Analysis & Results

- Center for Improving Value in Health Care (CIVHC) evaluated the impact to patients served by clinics that subscribe to Contexture Portal and/or Results Delivery solutions based on Colorado All Payer Claims Database (APCD) data

- Contexture solutions positively impacted per member per year (PMPY) healthcare expenditures relative to the Control group and are also associated with:
  - Reduction in Inpatient and Emergency Department admissions/expenditures
  - Reduction in Repeat Imaging occurrence and expenditures

Other Contexture Solutions

Community Resource Network (CRN)

Connects the teams

Creates a whole-person picture

Expedites help

Optimizes well-being

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CRN FOOTPRINT

Over **140**
Network Partners

Over **30K**
Clients in CRN

Over **350**
CRN Users

Over **1,970**
Consent Obtained

Over **15K**
Referrals Made

Over **410**
Care Team Invites

Over **90**
Health Partners

Over **70**
Social Partners

Over **40**
Behavioral Partners

CRN Programs

Northwest- Moffat & Rio Blanco Counties
5 active programs

West Mountain- Roaring Fork
61 active programs

Delta County
21 active programs

Gunnison County
2 active programs

Mesa County
48 active programs

Montrose and San Miguel County
21 active programs

Southwest- La Plata and Montezuma Counties
2 active programs

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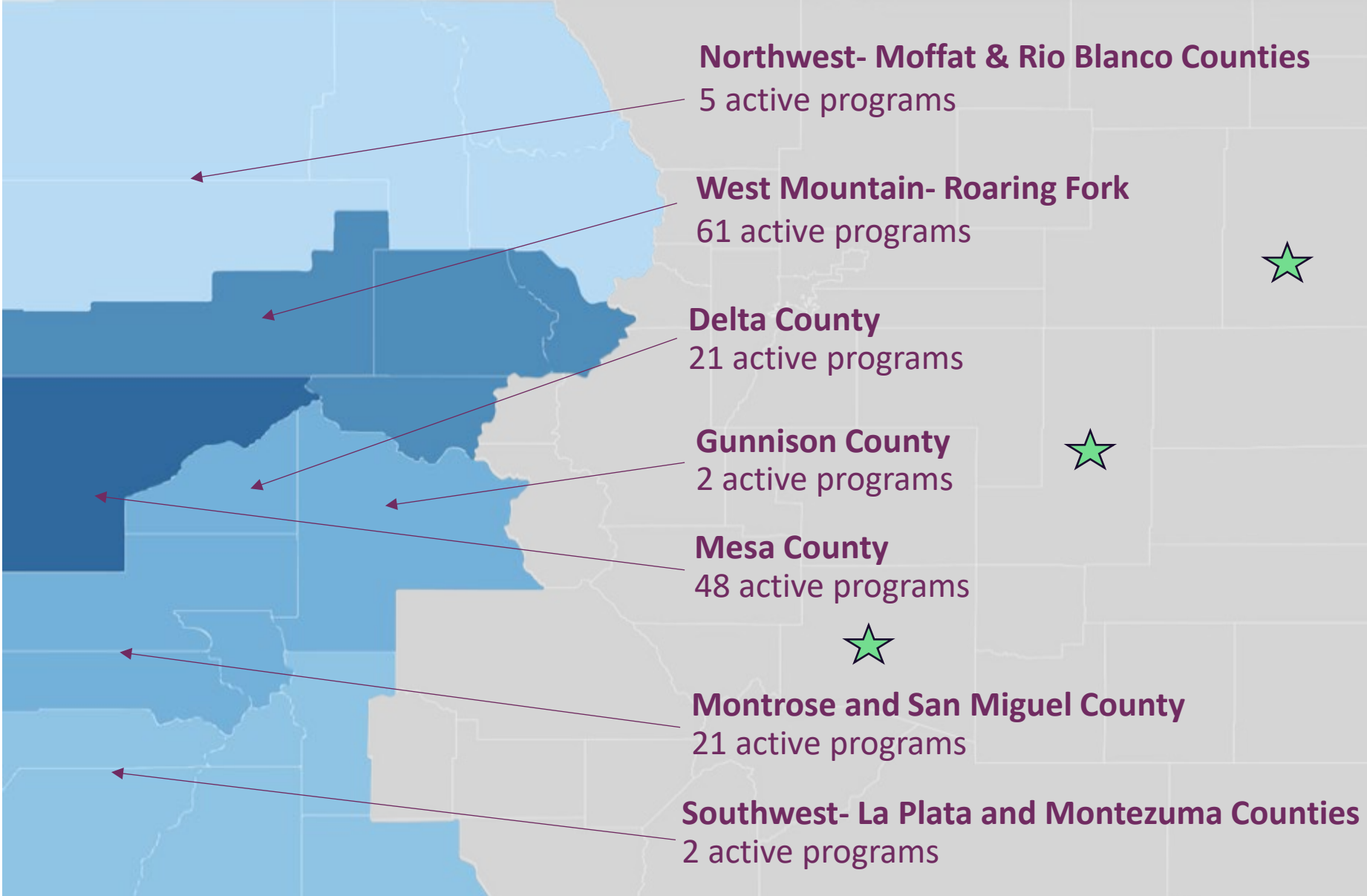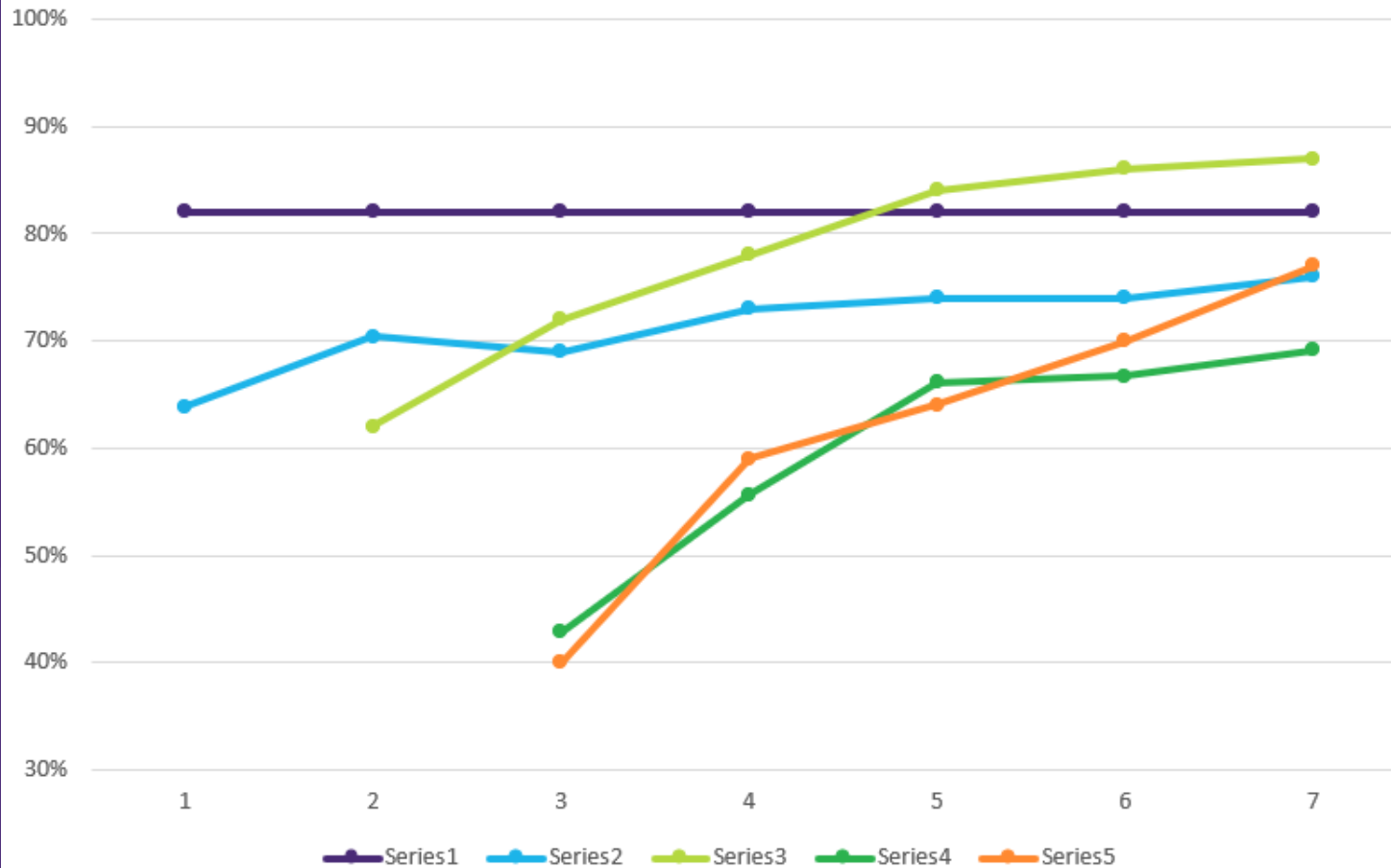
Quality Reporting: Controlling High Blood Pressure

Controlling High Blood Pressure

Contract with HCPF to close gaps in care for electronic clinical quality measures (eCQM) for over 220 practices.

- Utilize Continuity of Care Documents received by the HIE to aggregate quality measure data

- Provide Technical Assistance

    - Supporting Quality Improvement

    - Data validation

    - Providing Gaps in Care

    - Working with vendors

    - Providing practice workgroup calls by vendor to educate practices on eCQM workflows

Quality Reporting: Depression Screening & Follow-Up

Depression Screening and Follow-Up

OeHI Demographic Analysis Project

Selected Demographics by Month – Participating Hospitals

Select Field(s): (Multiple values)

View as line or bar chart: Line Chart

Demographic Field	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
PID 13.2 Telecomm Use	0.0%										99.5%
PID 13.3 Telecomm Equip Type	0.0%										99.5%
PID 13.4 Email Address	0.0%										58.8%
PID 27 Veteran Military Status	0.0%										98.6%
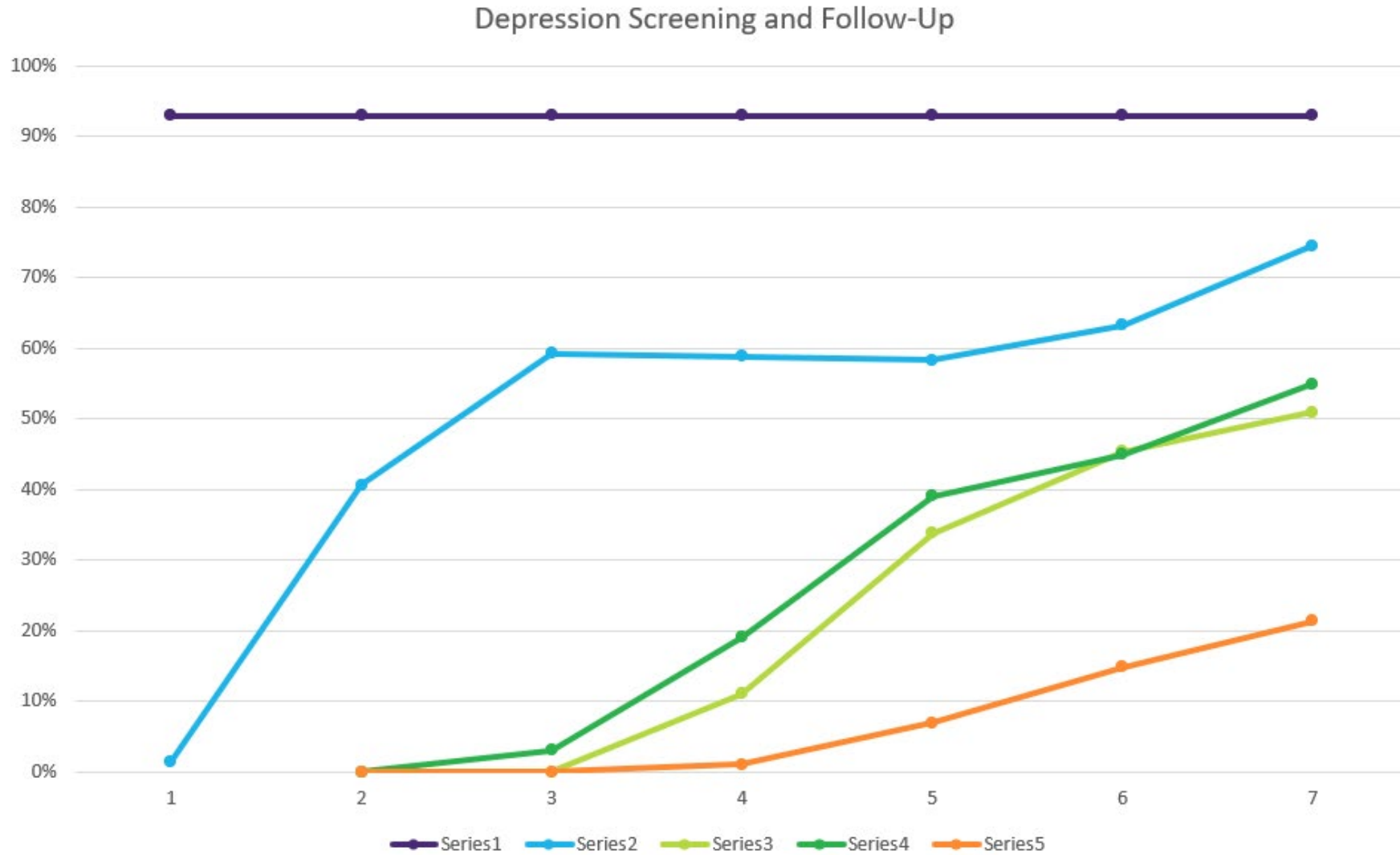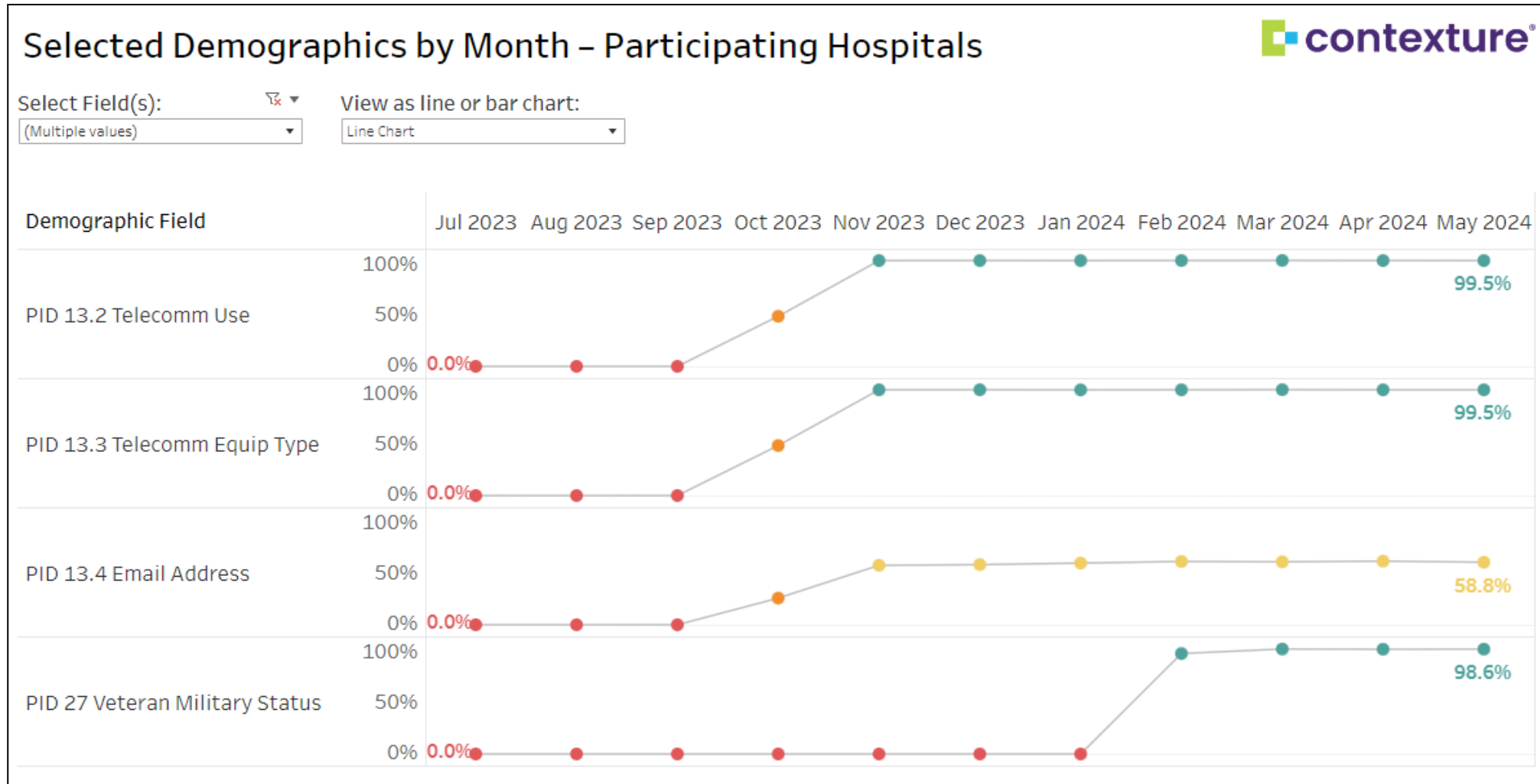
OeHI Demographic Analysis Project

Value Details: Top 20 Values – Participating Hospitals

Month(s): April 2024 & May 2024 | Trigger Event(s): All

Select Top N Values: 20

Select Month(s): (Multiple values)

Select Trigger Event(s): (All)

PID 10 Race Code: Text

2106-3: White	Standard	124,082
2131-1: Other Race	Standard	44,954
2058-6: African American	Standard	1,866
1002-5: American Indian ..	Standard	1,765
2028-9: Asian	Standard	1,330
Null	No Data	673
2076-8: Native Hawaiian ..	Standard	380

PID 15 Primary Language Code: Text

en: English	Standard	169,435
es: Spanish; Castilian	Standard	5,065
UNK: Unknown	Standard	228
OTH: Other	Invalid	131
Null	No Data	67
sgn: Sign Languages	Standard	43
ko: Korean	Standard	24
de: German	Standard	23
MAL: Malaysian	Standard	17
YUE: Yue Chinese	Invalid	12
no: Norwegian	Standard	3

PID 22 Ethnic Group Code: Text

2186-5: Not Hispanic Or ..	Standard	90,824
2135-2: Hispanic Or Latino	Standard	79,101
UA: Unknown	Invalid	2,493
DC: Declined to Provide	Invalid	1,965
Null	No Data	667

PID 27 Veteran Status

NON	154,348
VET	10,151
UNK	8,096
Null	2,455

Note: If a message contains more than one record, the value displayed in these tables is that of the first record. "Standard" indicates that the value provided is an expected value within Contexture's code set, and "Invalid" indicates the value is not part of the code set. The values shown on this tab are those sent by the participating hospitals and do not reflect all possible options within Contexture's standard code sets. PID 27 Veteran Military Status is not a field within Contexture's standard code sets.

Other Solutions and Community Support

- Hospital Transformation Program (HTP)

  ☐ Support hospitals statewide in meeting HTP requirements, utilizing customizations to standard HL7 data feeds

- Identity Management

  ☐ Supporting state agencies with identity management solutions

  ☐ Expanded identity management solutions to include CIVHC, QHN and CCMCN
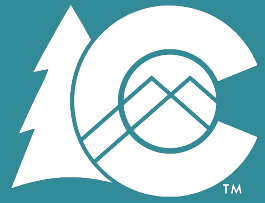
Questions?

thank you
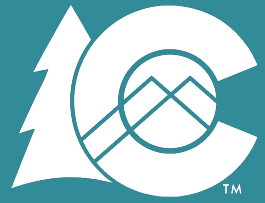
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