Data Exchange Framework

2024 Standards Committee Meeting #1

Friday, September 27, 2024

1:00 PM – 2:00 PM PT

CalHHS

CENTER FOR DATA INSIGHTS AND INNOVATION

The Vision for Data Exchange in California

Once implemented across California, the Data Exchange Framework (DxF) will create new connections and efficiencies between health and social services providers, improving whole-person care.

The DxF is California's first-ever statewide Data Sharing Agreement (DSA) that requires the secure and appropriate exchange of health and human services information to enable providers to work together and improve an individual's health and wellbeing.

DATA EXCHANGE FRAMEWORK

Agenda

1:00 PM
Welcome

1:05 PM
Purpose of 2024 Standards Committee

1:10 PM
Technical Standards Designated for Consideration

1:50 PM
Public Comment

1:55 PM
Next Steps and Closing Remarks

DATA EXCHANGE FRAMEWORK

2024 Standards Committee Members

Name	Organization
Rim Cothren (Chair)	Center for Data Insights and Innovation
Ray Duncan	Cedars-Sinai Health System
Jonathon Feit	Beyond Lucid Technologies, Inc
Danielle Friend	EHRA
Evelyn Gallego	EMI Advisors
Dave Green	PointClickCare
John Helvey	SacValley MedShare
Sheljina Ibrahim Kutty	Elevance Health
Mani Nair	Blue Shield of California
Tim Polsinelli	Manifest MedEx
Ken Riomales	CalMHSA

Public Comment Opportunities

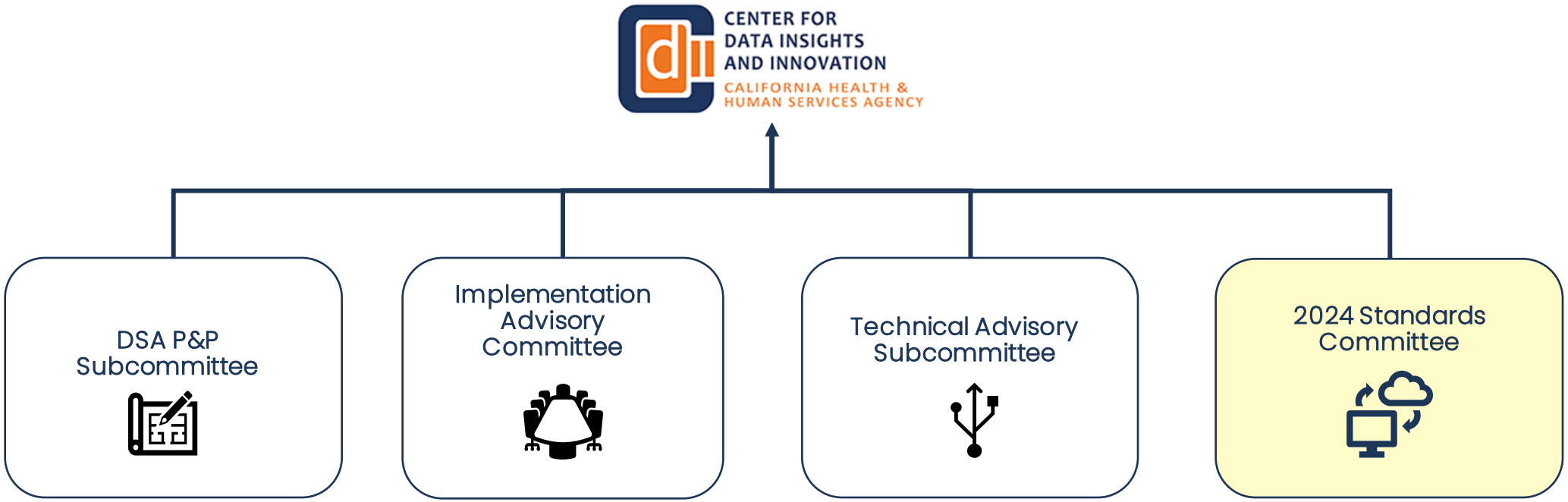
Public comment will be taken during the meeting at the approximate time listed on the agenda and limited to the total amount of time allocated for public comment.

Members of the public may also use the Zoom's Q&A feature to ask questions or make comments during the meeting, or can email their questions or comments to DxF@chhs.ca.gov.

Purpose of the 2024 Standards Committee

DxF Advisory Committees

CDII is convene the 2024 Standards Committee to advise CDII on the evolution of designated DxF technical standards



2024 Standards Committee

Scope and Composition

Scope

- Advise CDII on the evolution of DxF technical standards identified by CDII for consideration, in consultation with stakeholders
- Five areas have been identified for review in 2024; discussions will be limited to this scope

Composition

- An advisory body comprised of technical experts who balance their expertise with an appreciation for the operational challenges associated with implementing new standards
- Subject matter experts may be invited to specific meetings to add detailed knowledge on selected topics

2024 Standards Committee

Agendas and Meeting Cadence

Agenda Topics

- CDII identifies technical standards areas for consideration
- CDII may distribute read-ahead materials that Committee members are encouraged to review in advance of each meeting

Meeting Cadence

- CDII anticipates no more than six one-hour meetings
- CDII requests the Committee complete its review and makes its recommendations by 12/31/2024
- To increase continuity, members are asked to make every effort to prioritize their attendance at Committee meetings

2024 Standards Committee

Meeting Format and Output

Meeting Format

Background materials may be circulated in advance of each meeting so members may refresh their understanding of a topic

Meetings will minimize presentation and focus on discussion

Review of each standard will follow a similar format:

1. Identify the current standard (or lack thereof)
2. Review issues and key considerations
3. Identify options and approaches
4. Develop recommendations

Recommendations will be achieved through consensus

Meetings will be open to the public and time will be reserved for public comment

Meeting Output

- Meetings will be recorded (including chat and Q&A) and recordings made available following the meeting
- Meeting notes will record Committee member attendance, key discussion topics, and recommendations, and will be shared with Committee members

Technical Standards Designated for Consideration

Technical Standards for Consideration in 2024

Today's Discussion:

- **United States Core Data for Interoperability (USCDI):** Consider advancing the USCDI version required by the DxF's Data Elements to be Exchanged Policy and Procedure from version 2 to version 3

Future Committee Discussions:

- **Event content:** Consider the data standards for the content of acute care events
- **Event transport:** Consider the transport standards for acute care events
- **Notification content:** Consider the data standards for the content of acute care notifications
- **Notification transport:** Consider the transport standards for acute care notifications

Excerpt from Data Elements to Be Exchanged Policy & Procedure

2. DATA STANDARDS

a. Participants shall use standardized data element formats, terminologies, and code sets identified in the United States Core Data for Interoperability (USCDI) Version 2.

b. For data elements not included in USCDI Version 2, such as data elements in EHI listed in paragraph II.1.a.i that are not included in USCDI or claims data listed in paragraph II.1.a.iii, Participants shall use standardized data element formats, terminologies, and code sets identified in applicable National and Federally Adopted Standards, defined as standards published by the US Department of Health and Human Services in the Standards Version Advancement Process.

c. It is the intent of the Data Exchange Framework to align with National and Federally Adopted Standards. When conflicts exist between National and Federally Adopted Standards and data formats, terminologies, or code sets mandated by California law or the Policies and Procedures, the California law or the Policies and Procedures shall prevail.

In January 2024, ASTP/ONC Published HTI-1

- The Office of the Assistant Secretary for Technology Policy / Office of the National Coordinator for Healthcare IT (ASTP/ONC) published the Health Data, Technology, and Interoperability (HTI-1) regulation on January 9, 2024
- HTI-1 adopts USCDI v3 as the new baseline for the ONC Health IT Certification Program
- In an early 2024, presentation ASTP/ONC explained that expanding the data elements and data classes included in USCDI increases the amount of data available to be used and exchanged for patient care
- As a result, ASTP/ONC will move from USCDI v1 to the adoption of USCDI v3 in 45 CFR 170.213(b) by January 1, 2026. Until that time, both versions will be accepted as in compliance with the USCDI standard in § 170.213

USCDI

Draft USCDI Version 3

The Office of the National Coordinator for Health Information Technology

Allergies and Intolerances
- Substance (Medication)
- Substance (Drug Class)
- Reaction

Assessment and Plan of Treatment
- Assessment and Plan of Treatment
- SDOH Assessment

Care Team Member(s)
- Care Team Member Name
- Care Team Member Identifier
- Care Team Member Role
- Care Team Member Location
- Care Team Member Telecom

Clinical Notes
- Consultation Note
- Discharge Summary Note
- History & Physical
- Procedure Note
- Progress Note

Clinical Tests
- Clinical Test
- Clinical Test Result/Report

Diagnostic Imaging
- Diagnostic Imaging Test
- Diagnostic Imaging Report

Encounter Information
- Encounter Type
- Encounter Diagnosis
- Encounter Time
- Encounter Location
- Encounter Disposition

Goals
- Patient Goals
- SDOH Goals

Health Insurance Information ★
- Coverage Status ★
- Coverage Type ★
- Relationship to Subscriber ★
- Member Identifier ★
- Subscriber Identifier ★
- Group Number ★
- Payer Identifier ★

Health Status
- Health Concerns ➔
- Functional Status ★
- Disability Status ★
- Mental Function ★
- Pregnancy Status ★
- Smoking Status ➔

Immunizations
- Immunizations

Laboratory
- Test
- Values/Results
- Specimen Type ★
- Result Status ★

Medications
- Medications

Patient Demographics
- First Name
- Last Name
- Middle Name (Including middle initial)
- Suffix
- Previous Name
- Date of Birth
- Date of Death ★
- Race
- Ethnicity
- Tribal Affiliation ★
- Sex (Assigned at Birth)
- Sexual Orientation
- Gender Identity
- Preferred Language
- Current Address
- Previous Address
- Phone Number
- Phone Number Type
- Email Address
- Related Person's Name ★
- Related Person's Relationship ★
- Occupation ★
- Occupation Industry ★

Problems
- Problems
- SDOH Problems/Health Concerns
- Date of Diagnosis
- Date of Resolution

Procedures
- Procedures
- SDOH Interventions
- Reason for Referral ★

Provenance
- Author Organization
- Author Time Stamp

Unique Device Identifier(s) for a Patient's Implantable Device(s)
- Unique Device Identifier(s) for a patient's implantable device(s)

Vital Signs
- Systolic blood pressure
- Diastolic blood pressure
- Heart Rate
- Respiratory rate
- Body temperature
- Body height
- Body weight
- Pulse oximetry
- Inhaled oxygen concentration
- BMI Percentile (2 - 20 years)
- Weight-for-length Percentile (Birth - 36 Months)
- Head Occipital-frontal Circumference Percentile (Birth - 36 Months)

★ New Data Classes and Elements ➔ Data Element Reclassified

Comparing USCDI v2 with USCDI v3

USCDI v2

- **Adopted:** July 2021
- **Core Data Classes:** Includes all data classes from Version 1 with additional elements such as Care Team Members, Clinical Notes, Goals, Health Concerns, Immunizations, Laboratory, Medications, Patient Demographics, Problems, Procedures, Provenance, Smoking Status and Unique Device Identifiers
- **New Elements:** Added elements like Encounter Diagnosis, Diagnostic Imaging Reports, and Social Determinants of Health (SDOH) data elements.

USCDI v3

- **Adopted:** January 2022
- **Expanded Data Classes:** Builds on Version 2 by adding new data classes and elements including **Health Insurance Information** (e.g., Coverage Status, Coverage Type), **Laboratory Specimen Type** and **Result Status.**
- **Enhanced Focus:** Emphases **more accurate and complete patient characteristics data** to promote equity, reduce disparities and support public health data interoperability.

Discussion Questions

- Should the DxF transition from USCDI v2 to USCDI v3?
- If yes, should the DxF set its effective date to align with federal programs? If yes, that would mean a January 1, 2026, DxF effective date for USCDI v3.
- Should DxF continue to review advancement of USCDI versions as updates are announced by ASTP/ONC? Or should the P&P define migration to new standards automatically to align with the change in federal requirements?

Public Comment

Public Comment

- Members of the public must “raise their hand” and Zoom facilitators will unmute each member of the public for them to share comments.
- The Chair will call on individuals in the order in which their hands were raised.
- Individuals will be recognized for up to two minutes and are asked to state their name and organizational affiliation at the start of their remarks.

Logged into Zoom

If you logged on via Zoom interface

Press “Raise Hand” in the “Reactions” button on the screen

If selected to share your comment, you will receive a request to “unmute;” please ensure you accept before speaking

Phone Only

If you logged on via phone-only

Press “*9” on your phone to “raise your hand”

Listen for your phone number to be called by the moderator

If selected to share your comment, please ensure you are “unmuted’ on your phone by pressing “*6”

DATA EXCHANGE FRAMEWORK

Next Steps and Closing Remarks

Upcoming Meetings

Standards Subcommittee	Date
Meeting #2	Friday, October 18, 2024, 1:00 PM – 2:00 PM PT
Meeting #3	Monday, October 28, 2024, 12:00 PM – 1:00 PM PT
Meeting #4	Thursday, November 21, 2024, 12:00 PM – 1:00 PM PT)
Meeting #5	Monday, December 2, 2024, 12:00 PM – 1:00 PM PT
Meeting #6	Thursday, December 19, 2024, 12:00 PM – 1:00 PM PT

Note: Additional Committee meetings may be scheduled, if required.
Meeting information will be posted to the CDII DxF web page once confirmed.