

Human Services Standards Advancement – Overview

ASTP Annual Meeting 2024

**Session: Advancing Human Services Interoperability:
Connecting Data for Whole-Person Care**

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and Analysis; ASTP

12/4/2024

ASTP History on Human Services Interoperability

ASTP Current Activity on Human Services Interoperability

STANDARDS AND DATA

[Gravity Project](#) support

[United States Core Data for Interoperability \(USCDI\) and USCDI+](#)

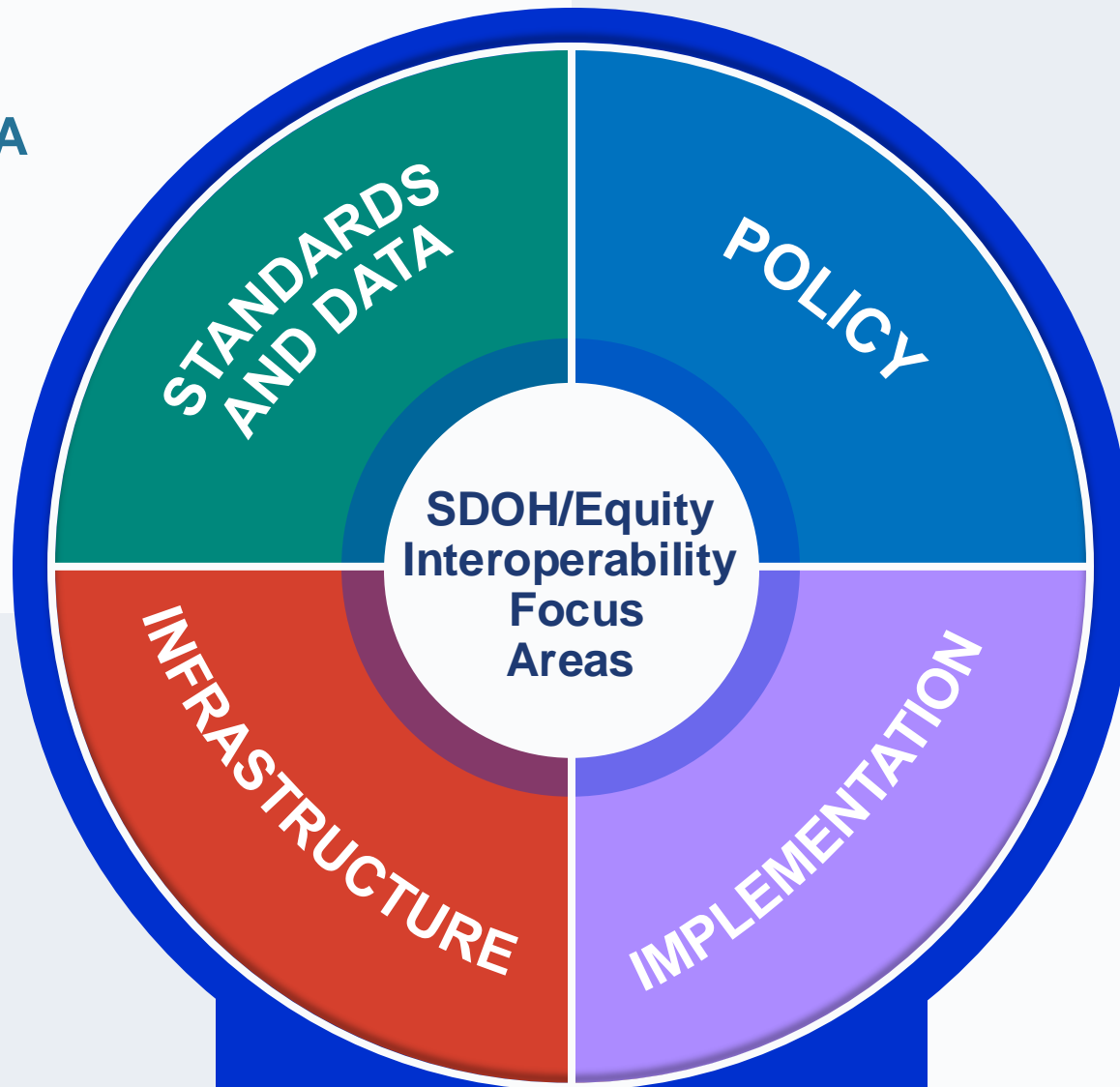
[Data Segmentation](#) / Value Sets

INFRASTRUCTURE

[HHS Data Strategy](#):

- Priority 4: Enable Whole-Person Care Delivery by Connecting Human Services Data

Health Information Exchange / Interoperability, [Care Hubs](#)



POLICY

[Health IT Alignment Policy](#)

[Health Equity by Design Task Force](#)

[Privacy and Consent](#)

IMPLEMENTATION

Leading Edge Acceleration Projects (LEAP)

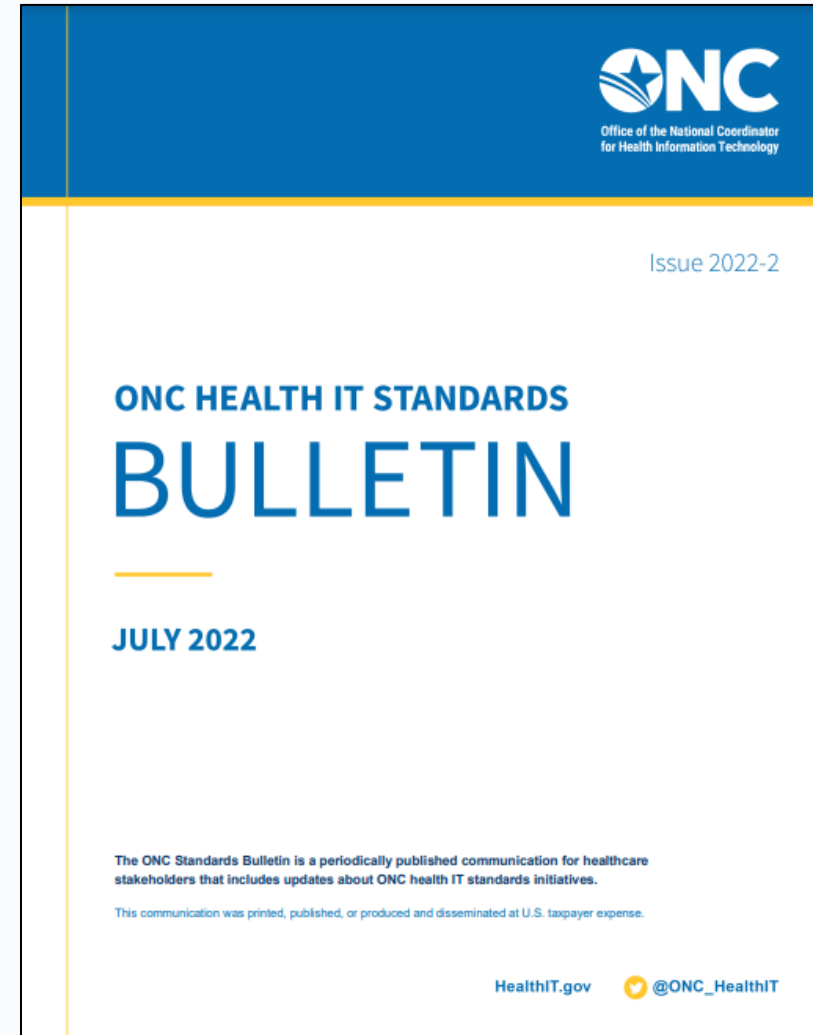
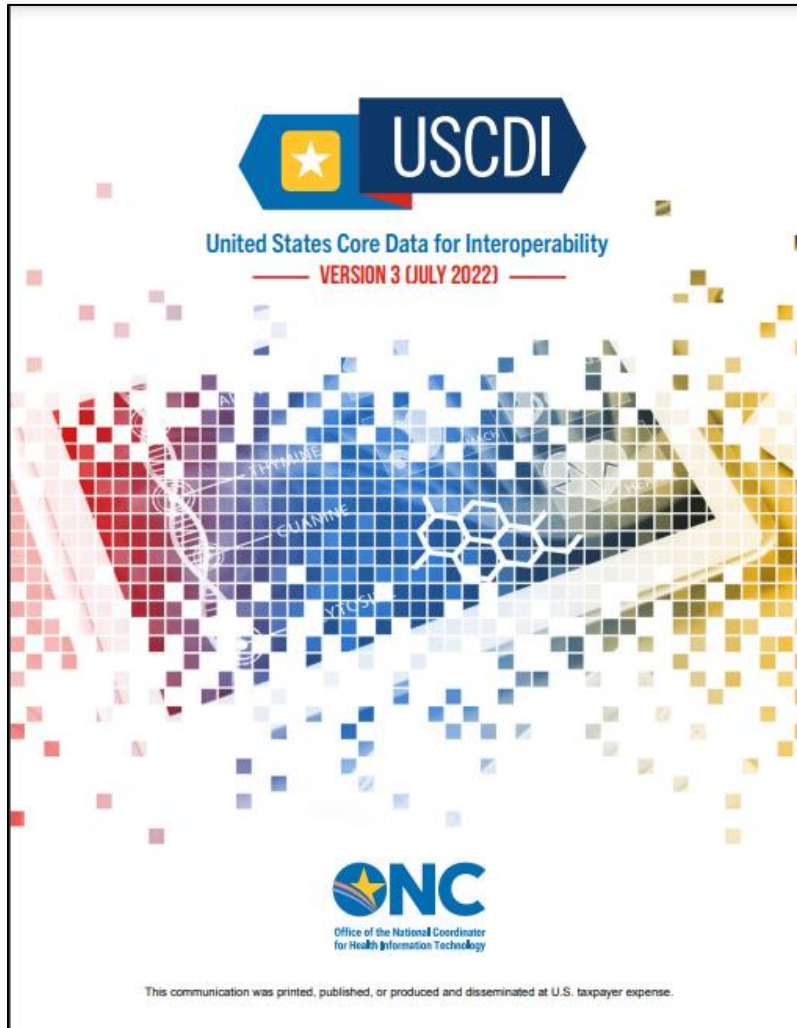
Medicaid/[states](#)

[Studies](#)

Behavioral Health

[Demographic data](#) collection best practices

US Core Data for Interoperability (USCDI) – The Minimum Dataset of the Health Care Delivery System





USCDI Version 3 – Required in EHRs by 2026

Allergies and Intolerances <ul style="list-style-type: none"> • Substance (Medication) • Substance (Drug Class) • Reaction 	Clinical Tests <ul style="list-style-type: none"> • Clinical Test • Clinical Test Result/Report 	Health Status/ Assessments <ul style="list-style-type: none"> • Health Concerns → • Functional Status ★ • Disability Status ★ • Mental / Cognitive Status ★ • Pregnancy Status ★ • Smoking Status → 	Patient Demographics/ Information <ul style="list-style-type: none"> • First Name • Last Name • Middle Name (Including middle initial) • Suffix • Previous Name • Date of Birth • Date of Death ★ • Race • Ethnicity • Tribal Affiliation ★ • Sex • 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 ★ 	Procedures <ul style="list-style-type: none"> • Procedures • SDOH Interventions • Reason for Referral ★
Assessment and Plan of Treatment <ul style="list-style-type: none"> • Assessment and Plan of Treatment • SDOH Assessment 	Diagnostic Imaging <ul style="list-style-type: none"> • Diagnostic Imaging Test • Diagnostic Imaging Report 			Provenance <ul style="list-style-type: none"> • Author Organization • Author Time Stamp
Care Team Member(s) <ul style="list-style-type: none"> • Care Team Member Name • Care Team Member Identifier • Care Team Member Role • Care Team Member Location • Care Team Member Telecom 	Encounter Information <ul style="list-style-type: none"> • Encounter Type • Encounter Diagnosis • Encounter Time • Encounter Location • Encounter Disposition 	Immunizations <ul style="list-style-type: none"> • Immunizations 		Unique Device Identifier(s) for a Patient's Implantable Device(s) <ul style="list-style-type: none"> • Unique Device Identifier(s) for a patient's implantable device(s)
Clinical Notes <ul style="list-style-type: none"> • Consultation Note • Discharge Summary Note • History & Physical • Procedure Note • Progress Note 	Goals <ul style="list-style-type: none"> • Patient Goals • SDOH Goals 	Laboratory <ul style="list-style-type: none"> • Test • Values/Results • Specimen Type ★ • Result Status ★ 		Vital Signs <ul style="list-style-type: none"> • 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 - 24 Months) • Head Occipital-frontal Circumference Percentile (Birth - 36 Months)
	Health Insurance Information ★ <ul style="list-style-type: none"> • Coverage Status ★ • Coverage Type ★ • Relationship to Subscriber ★ • Member Identifier ★ • Subscriber Identifier ★ • Group Number ★ • Payer Identifier ★ 	Medications <ul style="list-style-type: none"> • Medications • Dose ★ • Dose Unit of Measure ★ • Indication ★ • Fill Status ★ 	Problems <ul style="list-style-type: none"> • Problems • SDOH Problems/Health Concerns • Date of Diagnosis • Date of Resolution 	

★ New Data Classes and Elements → Data Element Reclassified



MARCH 05, 2024

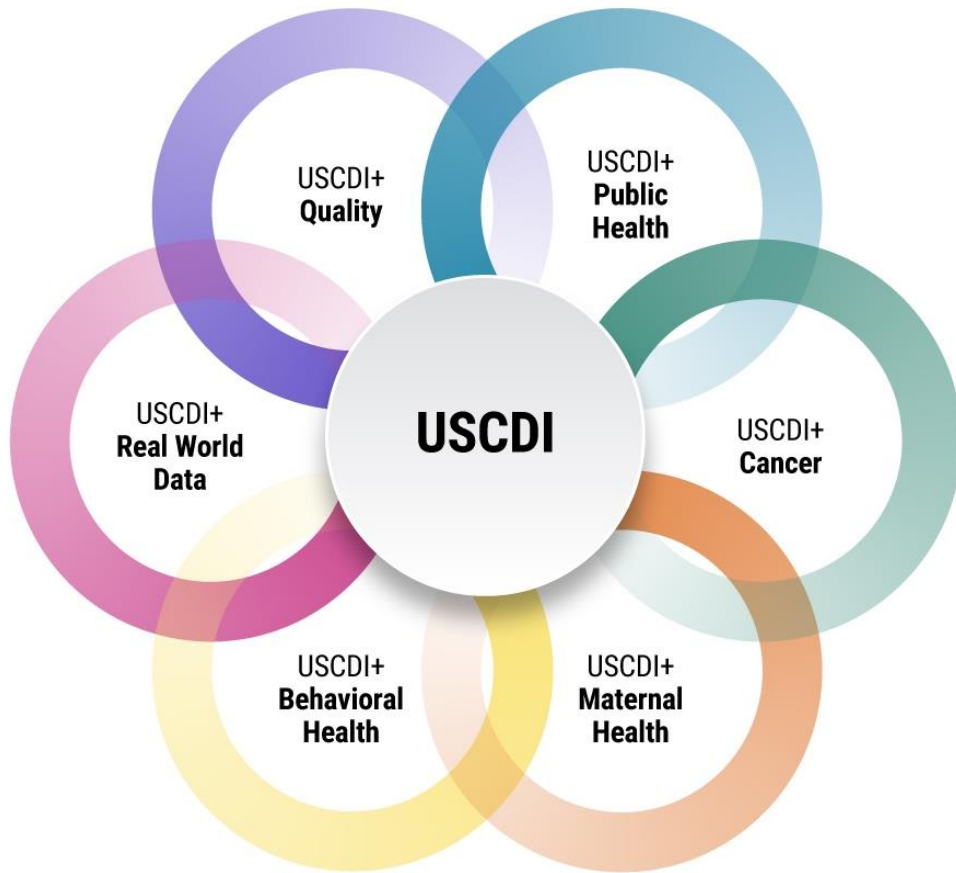
Improving Cancer Care Through Better Electronic Health Records: Voluntary Commitments and Call to Action

 [OSTP](#) [NEWS & UPDATES](#) [OSTP BLOG](#)

The Biden Cancer Moonshot aims to support and center patients and caregivers, and President Biden has made it clear that the American people deserve a health care system that they can rely on. That includes a system of electronic health records that gives patients and doctors the information they need to provide excellent patient care and improve outcomes. As President Biden has emphasized, having access to the right medical information at the right time is essential when every minute counts.

But electronic health record systems can vary between different doctors, clinics, and labs, and information like test results and disease status often is not accessible across systems. This makes it harder for doctors to make critical treatment and care decisions.

That's why the Biden-Harris Administration has kick-started the adoption of [United States Core Data for Interoperability Plus Cancer](#) (USCDI+ Cancer), a recommended minimum set of key cancer-related data elements to be included in a person's electronic health record. This effort will allow health



SDOH Overlap with Behavioral Health (BH)

- SAMHSA/ASTP Behavioral Health Information Technology (BHIT) Initiative
 - Over \$20 million in SAMHSA funding over 42 months
 - Supports health IT for BH and substance abuse care
 - Developing USCDI+BH and creating an Informational Resource for BH
- 2024 Leading Edge Acceleration Project (LEAP) will support the development of lightweight health IT solutions for BH.
 - Seeking to enhance health IT capabilities in BH settings with limited technical/financial resources to improve care coordination and using open standards.
 - \$1 million [awarded](#) to Oregon Health & Science University
- 2021 LEAP – UT Austin worked to demonstrate the feasibility of the referral management system to fulfill the Gravity Project Use Cases Package for SDOH for screening, diagnosis, planning, and interventions in patients.
- HL7 FHIR at Scale Taskforce (FAST) – Consent Management project

Federal Health IT Strategic Plan

2024-2030

Federal Health IT Strategic Plan

Draft for Public Comment

Prepared by:

The Office of the National Coordinator for
Health Information Technology, Office of
the Secretary, United States Department
of Health and Human Services

HealthIT.gov

MARCH 2024



Purpose of the Federal Health IT Strategic Plan

The draft *2024-2030 Federal Health IT Strategic Plan* guides federal government efforts toward EHI access, exchange, and use that improves:



Individual access to EHI



Public health



Health care delivery, experience, competition, and affordability



Health research



Health equityⁱⁱ



Whole-person care delivery by connecting human services data

This draft plan emphasizes ethical and equitable design, implementation, and use of health IT that serves all populations. Privacy and security considerations are critical in all aspects of health IT and EHI.

HHS Health IT Alignment Policy

DEPARTMENT OF HEALTH AND HUMAN SERVICES

48 CFR Parts 339 and 352

RIN 0991-AC35

HHS Acquisition Regulation: Acquisition of Information Technology; Standards for Health Information Technology (HHSAR Case 2023-001)

AGENCY: Department of Health and Human Services.

ACTION: Proposed rule.

SUMMARY: The Department of Health and Human Services (HHS) is proposing to amend and update its Health and Human Services Acquisition Regulation (HHSAR) to implement requirements to procure health information technology (health IT) that meets standards and implementation specifications (standards) adopted by the Office of the National Coordinator for Health Information Technology (ONC) in the following parts: Acquisition of Information Technology and Solicitation Provisions and Contract Clauses.

DATES: Comments must be received on or before October 8, 2024, to be considered in the formulation of the final rule.

- **Does not require** adoption of certified health IT beyond existing programmatic requirements
- **Does require** that:
 - Certified health IT be used where it is in place and can be used
 - ONC-approved data, format, and transport standards be used where applicable to program requirements

Human Services Standards Opportunities

- Advance HHS Human Services Interoperability (HS Interop) Strategy
- Ongoing community engagement
- ACF Domain Analysis Model for Social Services – Matching Families to Programs
- ASTP/HL7 Human Services Standards Summit

Reach out



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[Office of the National Coordinator for Health Information Technology](#)



<https://www.youtube.com/user/HHSONC>

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ASTP Annual Meeting 2024

Session: Advancing Human Services Interoperability: Connecting Data for Whole-Person Care

Dr. Sarah DeSilvey – Terminology Director, Gravity Project

Alana G. Kalinowski – Director of Interoperability, San Diego 211 Community Information Exchange (CIE)
& San Diego Health Connect (HIE)

Gravity Social Care Co-Design Activities



Population Aggregation,
Outcomes Evaluation



Screening

Population/Community Level

Social Care Voice Engagement

Personal/Family Level



- Partnered with Civitas Networks for Health, with support from the Robert Wood Johnson Foundation.*
- 6-session series focused on soliciting, synthesizing, and documenting social care and community based organizations' feedback and insights.
- Final report and emerging model drafted.
- **Informing Gravity data standards.**

*Support for this initiative was provided by the Robert Wood Johnson Foundation. The views expressed here do not necessarily reflect the views of the Foundation.

Human/Social Service Representation: SMEs/ Social Care Codesign/Community/Governance



- Domain Based Representation:
 - Homelessness: US Department of Housing and Urban Development (HUD)/HMIS, Continuum of Care Platforms, Housing Agencies, National Alliance to End Homelessness
 - Inadequate Housing: HUD/American Housing Survey
 - Food Insecurity: US Department of Agriculture (USDA) (measurement and WIC), Administration of Community Living (ACL), Feeding America/Food Banks
 - Utility Insecurity: Administration for Children and Families (ACF)/Office of Community Services
- Cross Domain Representation
 - ACL: ACL and US Aging
 - ACF: ACF and Community Action Agencies
 - 211's