



Office of the National Coordinator
for Health Information Technology

USCDI+: Extending Beyond the USCDI

December 15, 2023





ONC 2023

ANNUAL MEETING



@ONC_HealthIT

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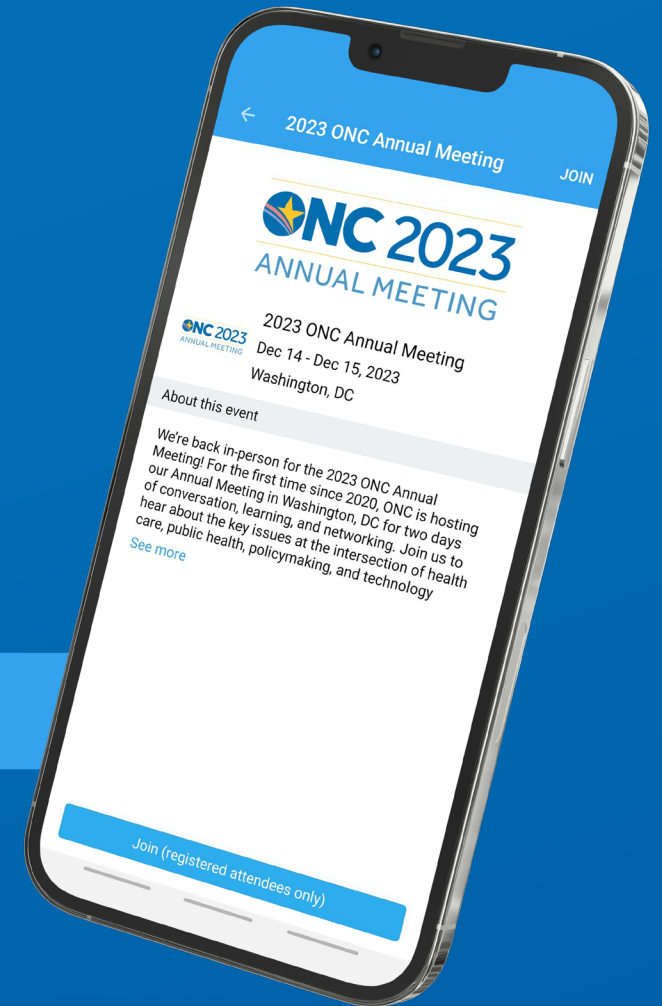
 **ONC 2023 ANNUAL MEETING**



**Check out the agenda,
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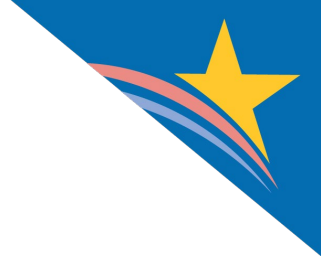
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Agenda

- USCDI+ Overview
- Panel Discussion
- Questions





USCDI and USCDI+ Overview

United States Core Data for Interoperability: USCDI Essentials



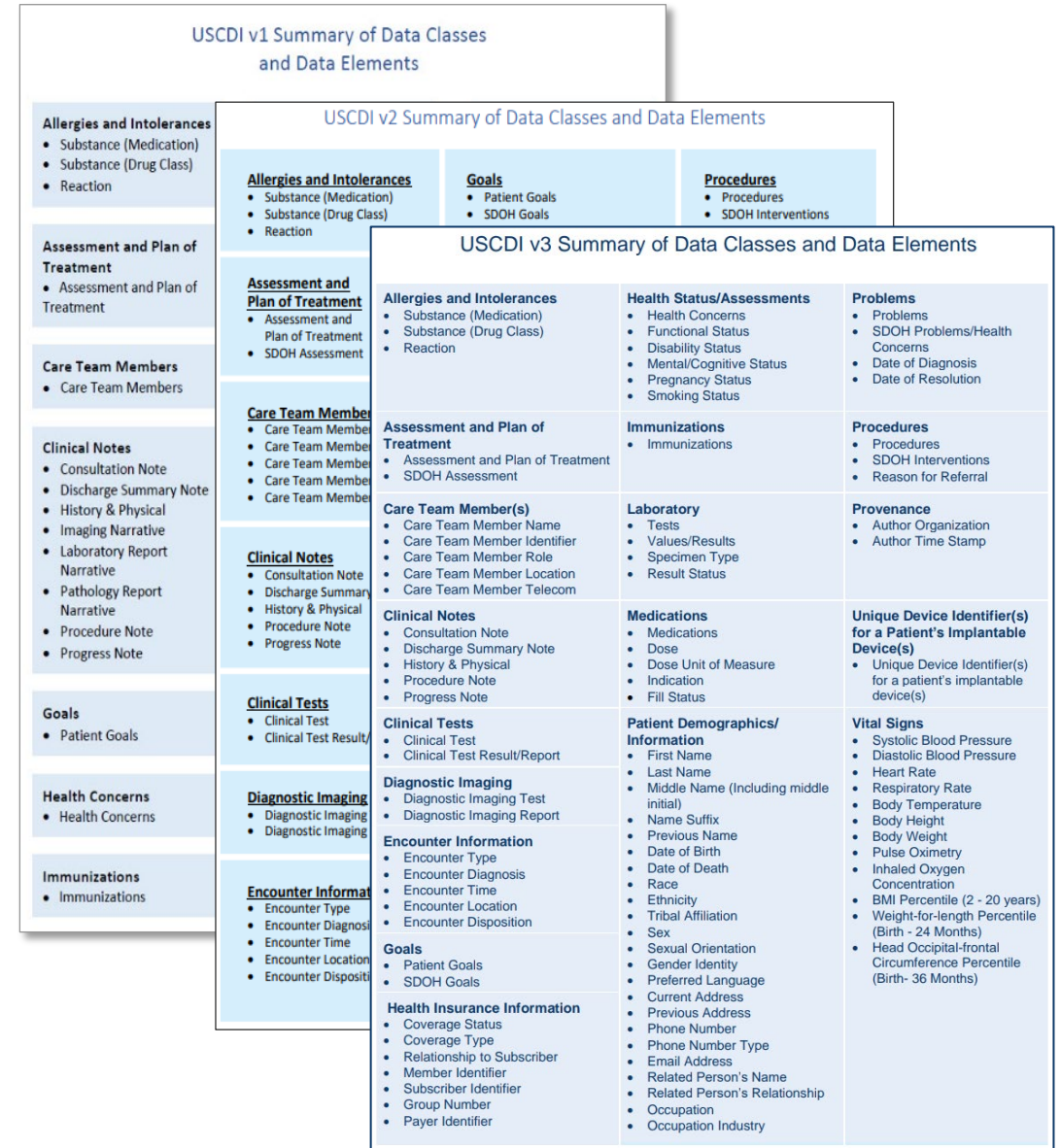
Comprises a core set of data needed to support patient care and facilitate patient access using health IT.

Establishes a consistent baseline of harmonized data elements that can be broadly reused across use cases, including those outside of patient care and patient access.

Expands incrementally over time via a transparent, established, and collaborative process, weighing both anticipated benefits and industry-wide impacts.

USCDI Structure and Versions

- Adopted by ONC in the 2020 21st Century Cures Act Final Rule
- Minimum dataset required for interoperability
 - Defines required data elements and vocabulary standards
 - Agnostic to format
 - Focuses on patient access/care coordination use cases
- Updated annually with federal agency & industry input
 - USCDI v2 and v3 added data classes and data elements including supports for advancing health equity
 - USCDI v4 currently in draft



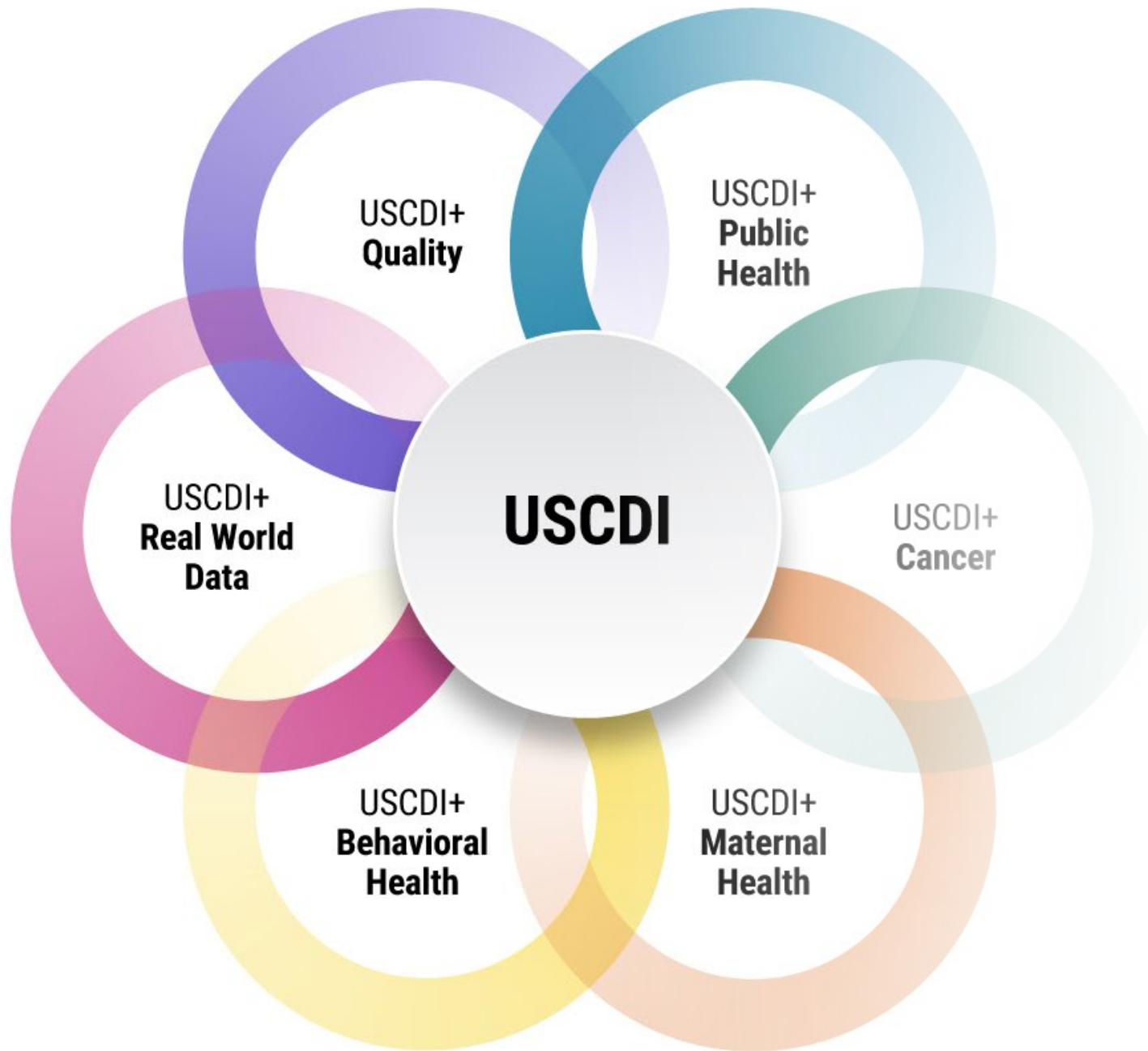
Why USCDI matters...

- Application programming interface (API) criterion using FHIR® US Core
- Other ONC Certification Criteria:
 - Transitions of Care documents (create, send, and receive)
 - Clinical Information reconciliation and incorporation
 - Patient View, Download, and Transmit their health data to a 3rd party
 - Electronic case reporting to public health agencies
 - Create C-CDA document
- TEFCA data exchange
- CMS requirements for certain payers APIs
- HHS funded programs under HHS Health IT Alignment Policy (HITECH Act Sec. 13111 and 13112)



USCDI Timeline





USCDI+: Extending Beyond the USCDI

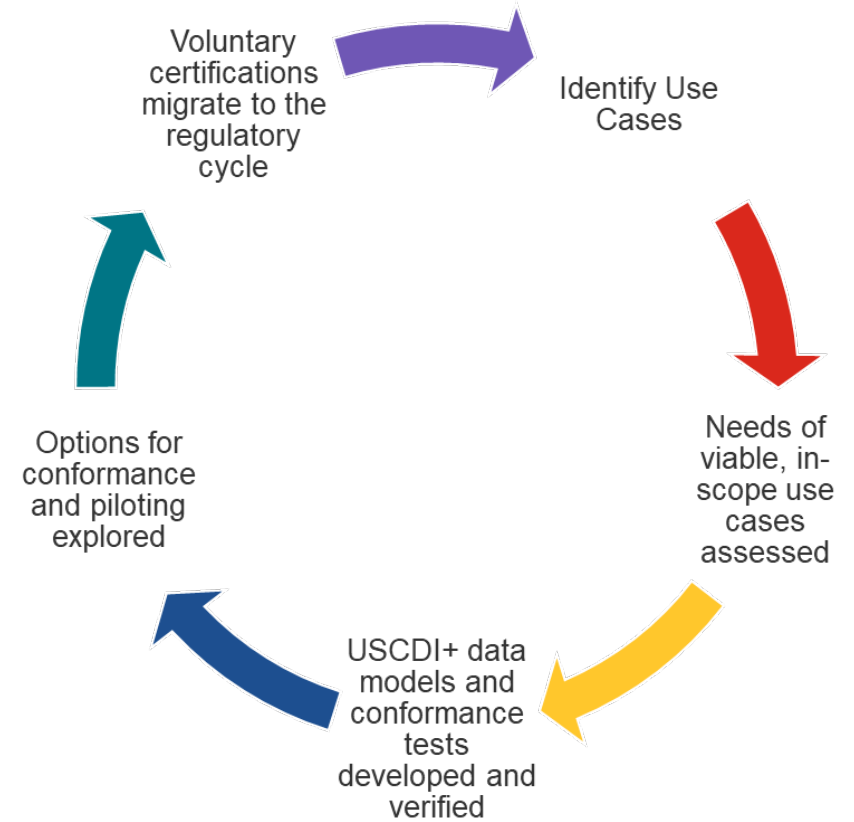
USCDI and USCDI+



USCDI	USCDI+
USCDI data set	USCDI+ extended data set
<input checked="" type="checkbox"/> Data class X	<input checked="" type="checkbox"/> Data class X
<input checked="" type="checkbox"/> Data class X	<input checked="" type="checkbox"/> Data class X
<input type="checkbox"/>	<input checked="" type="checkbox"/> Data class X USCDI+
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USCDI+: Iterative, Rolling Process



Core USCDI+ Principles



Collaboration



Harmonization



Specification

USCDI+ Platform

United States Core Data for Interoperability (USCDI)+

USCDI+ is a service that ONC provides to federal partners who have a need to establish, harmonize, and advance the use of interoperable datasets that extend beyond the core data in the USCDI in order to meet agency-specific programmatic requirements. Learn more about USCDI+ on HealthIT.gov. If you have any questions, technical issues, or need to request access for a colleague, please email USCDI.Plus@hhs.gov.

A USCDI+ "Domain" is a common set of data elements required for interoperability for multiple scenarios and use cases governed by the same set of standards, policies and/or guidelines. (Example: Public Health)

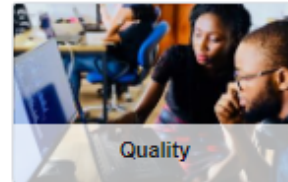
A USCDI+ "Use Case" is a common set of data elements required to support a specific set of functions within a Domain. (Example: Resource Reporting/Situational Awareness)

A USCDI+ "Data Class" is an aggregation of various Data Elements by a common scenario or use case. (Example: Facility Level Data)

A USCDI+ "Data Element" is the most granular level at which a piece of data is exchanged. (Example: Facility Address)

[New Data Element & Class \(ONDEC\) Submission System](#)

USCDI+ Domains



Latest News

USCDI+ User Guides

a day ago

Public Health: Laboratory Data Exchange Feedback Requested

8d ago

Public Health: Case Reporting Feedback Requested

8d ago

Comments

Maternal Health

uscdi.admin.persona

<https://uscdiplus.healthit.gov/>

USCDI+ Relationships and Alignment

USCDI data is maintained in ONDEC. This site displays USCDI+ data. USCDI+ will update USCDI references on a regular basis; however, complete information about data classes and data elements in USCDI are located at healthit.gov/uscdi.

Data Type

USCDI+ Data Element

Created

Updated

3mo ago

4d ago

Encounter Diagnosis

Details

Relationships

Comments

☰ Associated Relationships

Keyword Search



Data Element ^	Data Class	Use Case	Domain
Encounter Diagnosis	Encounter Information	Cancer Overarching	Cancer
Encounter Diagnosis	Encounter Information	Maternal Health Overarching	Maternal Health
Encounter Diagnosis	Encounter Information	Case Reporting	Public Health
Encounter Diagnosis	Encounter Information	Quality Overarching	Quality



Rows 1 - 4 of 4

<https://uscdiplus.healthit.gov/>



Panel Discussion

Meet Our Panelists

Joel Andress

- Centers for Medicare & Medicaid Services

Nahida Chakhtoura

- National Institute of Child Health and Human Development, NIH

Talisha Searcy

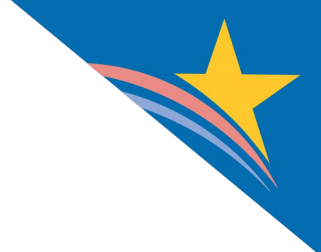
- Substance Abuse and Mental Health Services Administration

Alek Sripipatana

- Chief, Data Branch, Health Resources and Services Administration

Abigail Viall

- Senior Advisor for Federal Inter-agency Strategic Relations, Office of Public Health Data, Surveillance, and Technology



Questions