



Office of the National Coordinator
for Health Information Technology

Overview of Draft USCDI Version 4

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Agenda

- Review of Comments and Submissions
- Proposed new data elements and classes
- Detailed discussion of data elements
- Review of overall Draft USCDI v4
- Post publication timeline





What is USCDI

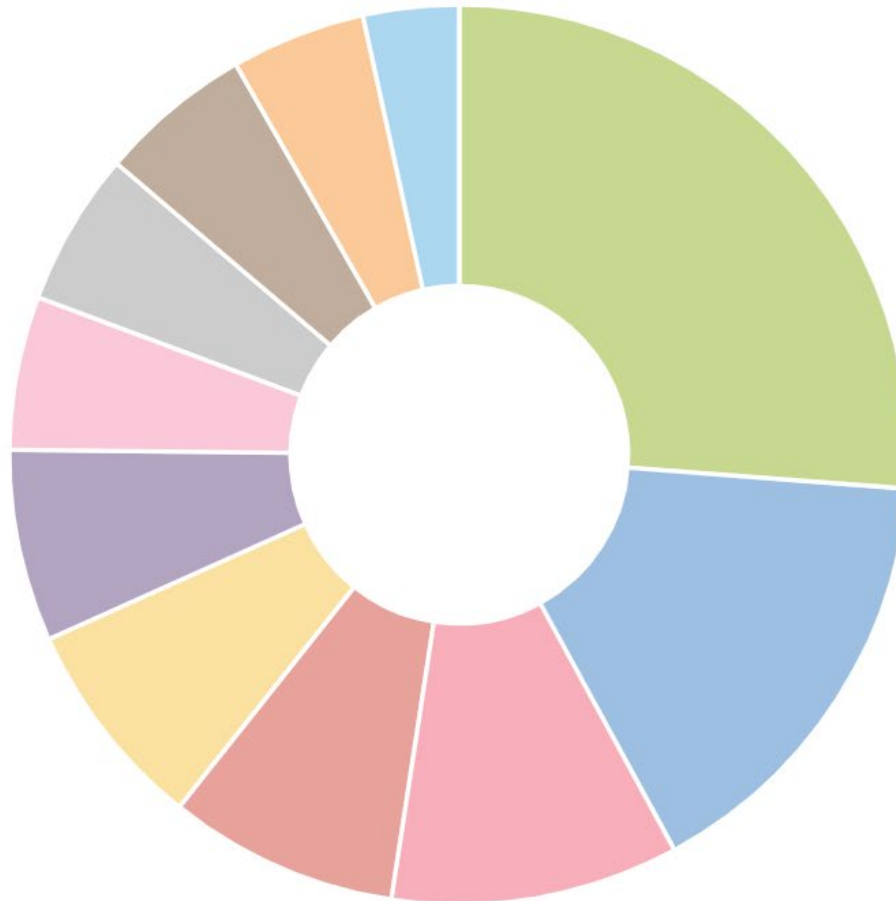
- USCDI is a standardized set of health data classes and constituent data elements for nationwide, interoperable health information exchange.
- USCDI v1 is a required part of certain certification criteria. As a result, certified health IT must be able to exchange USCDI data elements.
- USCDI establishes a baseline set of data that can be commonly exchanged across care settings for a wide range of uses, even those beyond certified health IT.



USCDI v4 Submissions and Comments

Highlights of Submissions

USCDI v4 Submissions All



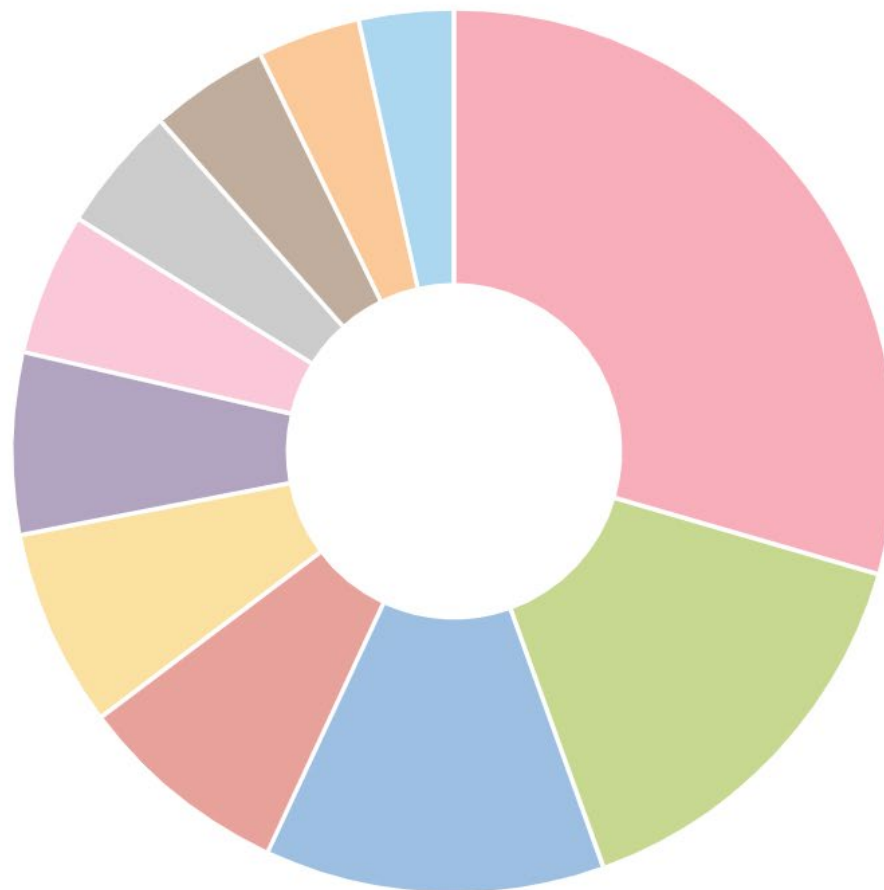
Reconciled data class

Total Issues: **145**

Cancer Care	38
Clinical Tests	23
Special Alerts for Care Handoffs	12
Clinical Notes	11
Health Status/Assessments	10
Diagnostic Imaging	8
Laboratory	8
Social Determinants of Health	8
Newborn's Delivery Information	7
Assessment and Plan of Treatment	5
Other...	15

Highlights of Comments

USCDI v4 Comments All



Reconciled data class

Total Issues: **346**

Medications	52
Laboratory	43
Vital Signs	27
Social Determinants of Health	25
Patient Demographics/Information	23
Pregnancy Information	18
Work Information	16
Advance Directives	15
Encounter Information	13
Facility Level Data	12
Other...	102

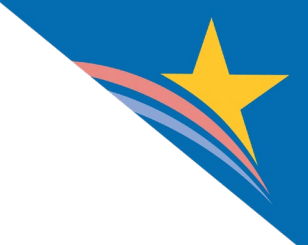
Data Element Prioritization Criteria

- Address behavioral health integration with primary care and other physical care
- Mitigate health and health care inequities and disparities
- Address the needs of underserved communities
- Address public health interoperability needs of reporting, investigation, and emergency response
- Represent important additions over previous USCDI versions
- Require only modest standards or implementation guide developmental burden
- Require only modest developmental burden on health IT modules
- Create only modest implementation burden on providers and health systems
- Result in only modest aggregate lift for all new data elements combined





Proposed New Data Elements



Proposed New Data Elements for Draft USCDI v4

<p>Allergies and Intolerances</p> <ul style="list-style-type: none"> • Substance (Non-Medication) 	<p>Encounter Information</p> <ul style="list-style-type: none"> • Encounter Identifier 	<p>New Data Class</p> <p>Facility Information</p> <ul style="list-style-type: none"> • Facility Identifier • Facility Type • Facility Name
<p>Goals</p> <ul style="list-style-type: none"> • Treatment Intervention Preference • Care Experience Preference 	<p>Health Status Assessments</p> <ul style="list-style-type: none"> • Alcohol Use • Substance Use • Physical Activity 	<p>Laboratory</p> <ul style="list-style-type: none"> • Result Unit of Measure • Result Reference Range • Result Interpretation • Specimen Source Site • Specimen Identifier • Specimen Condition and Disposition
<p>Medications</p> <ul style="list-style-type: none"> • Medication Instructions • Medication Adherence 	<p>Procedures</p> <ul style="list-style-type: none"> • Time of Procedure 	<p>Vital Signs</p> <ul style="list-style-type: none"> • Average Blood Pressure

Draft USCDI Version 4

Allergies and Intolerances

- Substance (Medication)
- Substance (Drug Class)
- Substance (Non-Medication) ★
- Reaction

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 Identifier ★
- Encounter Diagnosis
- Encounter Time
- Encounter Location
- Encounter Disposition

Facility Information ★

- Facility Identifier ★
- Facility Type ★
- Facility Name ★

Goals

- Patient Goals
- SDOH Goals
- Treatment Intervention Preference ★
- Care Experience Preference ★

Health Insurance Information

- Coverage Status
- Coverage Type
- Relationship to Subscriber
- Member Identifier
- Subscriber Identifier
- Group Number
- Payer Identifier

Health Status Assessments

- Health Concerns
- Functional Status
- Disability Status
- Mental Function
- Pregnancy Status
- Alcohol Use ★
- Substance Use ★
- Physical Activity ★
- SDOH Assessment →
- Smoking Status

Immunizations

- Immunizations

Laboratory

- Test
- Values/Results
- Specimen Type
- Result Status
- Result Unit of Measure ★
- Result Reference Range ★
- Result Interpretation ★
- Specimen Source Site ★
- Specimen Identifier ★
- Specimen Condition and Disposition ★

Medical Devices △

- Unique Device Identifier - Implantable △

Medications

- Medications
- Dose
- Dose Unit of Measure
- Indication
- Fill Status
- Medication Instructions ★
- Medication Adherence ★

Patient Demographics/ Information

- 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

Patient Summary and Plan △

- Assessment and Plan of Treatment

Problems

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

Procedures

- Procedures
- Time of Procedure ★
- SDOH Interventions
- Reason for Referral

Provenance

- Author Organization
- Author Time Stamp

Vital Signs

- Systolic Blood Pressure
- Diastolic Blood Pressure
- Average 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)



Draft USCDI v4 Post-publication Timeline

Draft USCDI v4 Post Publication

January – April 2023

- Recommendations presented to the HITAC on April 12, 2023
- Public comments due by April 17, 2023, at 11:59 p.m. Eastern

July 2023

- USCDI v4 (final) publication
- USCDI v5 submission/feedback period kick off

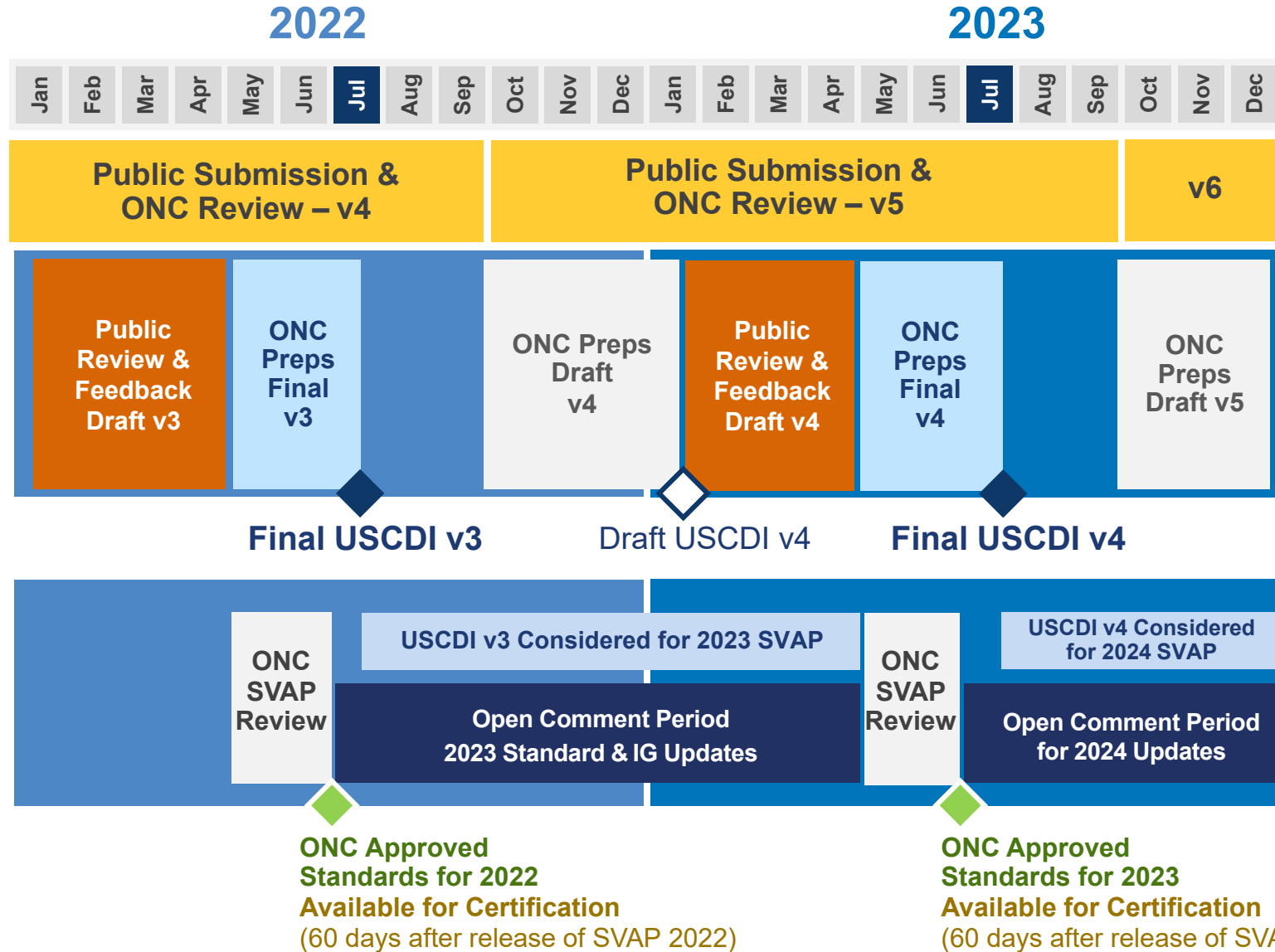




USCDI & SVAP Timeline

USCDI

SVAP





Office of the National Coordinator
for Health Information Technology

Contact ONC



Phone: 202-690-7151



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<https://www.healthit.gov/form/healthit-feedback-form>



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