



United States Core Data for Interoperability (USCDI) Update

June 17, 2020

Health Information Technology Advisory Committee
Office of the National Coordinator for Health Information Technology

The Office of the National Coordinator for
Health Information Technology 



Allergies and Intolerances ***NEW**

- Substance (Medication)
- Substance (Drug Class) ***NEW**
- Reaction ***NEW**



Assessment and Plan of Treatment



Care Team Members



Clinical Notes ***NEW**

- Consultation Note
- Discharge Summary Note
- History & Physical
- Imaging Narrative
- Laboratory Report Narrative
- Pathology Report Narrative
- Procedure Note
- Progress Note



Goals



Health Concerns



Immunizations



Laboratory

- Tests
- Values/Results



Medications



Patient Demographics

- First Name
- Last Name
- Previous Name
- Middle Name (incl. middle initial)
- Suffix
- Birth Sex
- Date of Birth
- Race
- Ethnicity
- Preferred Language
- Current Address ***NEW**
- Previous Address ***NEW**
- Phone Number ***NEW**
- Phone Number Type ***NEW**
- Email Address ***NEW**



Problems



Procedures



Provenance ***NEW**

- Author Time Stamp
- Author Organization



Smoking Status



Unique Device Identifier(s) for a Patient's Implantable Device(s)



Vital Signs

- Diastolic Blood Pressure
- Systolic Blood Pressure
- Body Height
- Body Weight
- Heart Rate
- Respiratory Rate
- Body Temperature
- Pulse Oximetry
- Inhaled Oxygen Concentration
- BMI Percentile (2-20 years old) ***NEW**
- Weight-for-length Percentile (Birth - 36 months) ***NEW**
- Occipital-frontal Head Circumference Percentile (Birth - 36 months) ***NEW**



For more info:
HealthIT.gov/USCDI

USCDI Promotion Model

| Milestones | Level | Process |
|---|---------|--|
| Overall burden to implement | USCDI | Review by HITAC and ONC |
| Known restrictions on use | | |
| Known limits on standardization | | |
| Estimated number of users | | |
| Addresses Quadruple Aim | | |
| Production use on a majority of platforms | Level 2 | Ongoing addition of supplemental data and ONC review |
| Production use in several applicable settings | Level 1 | |
| Exchange among several platforms | | |
| Pilots, “Connect-a-thon” [®] testing | | |
| Implementation guide | Comment | |
| Standard supported by SDO | | |
| Content standard | | |
| Discreet electronic capture | | |
| Identify projects | | |
| Identify use case(s) | | |
| Justify national exchange | | |



USCDI ONC New Data Element & Class (ONDEC) Submission System

Beginning July 2020 (est.)

USCDI ONDEC Submission System

Use Case(s)

- Benefit to Stakeholders

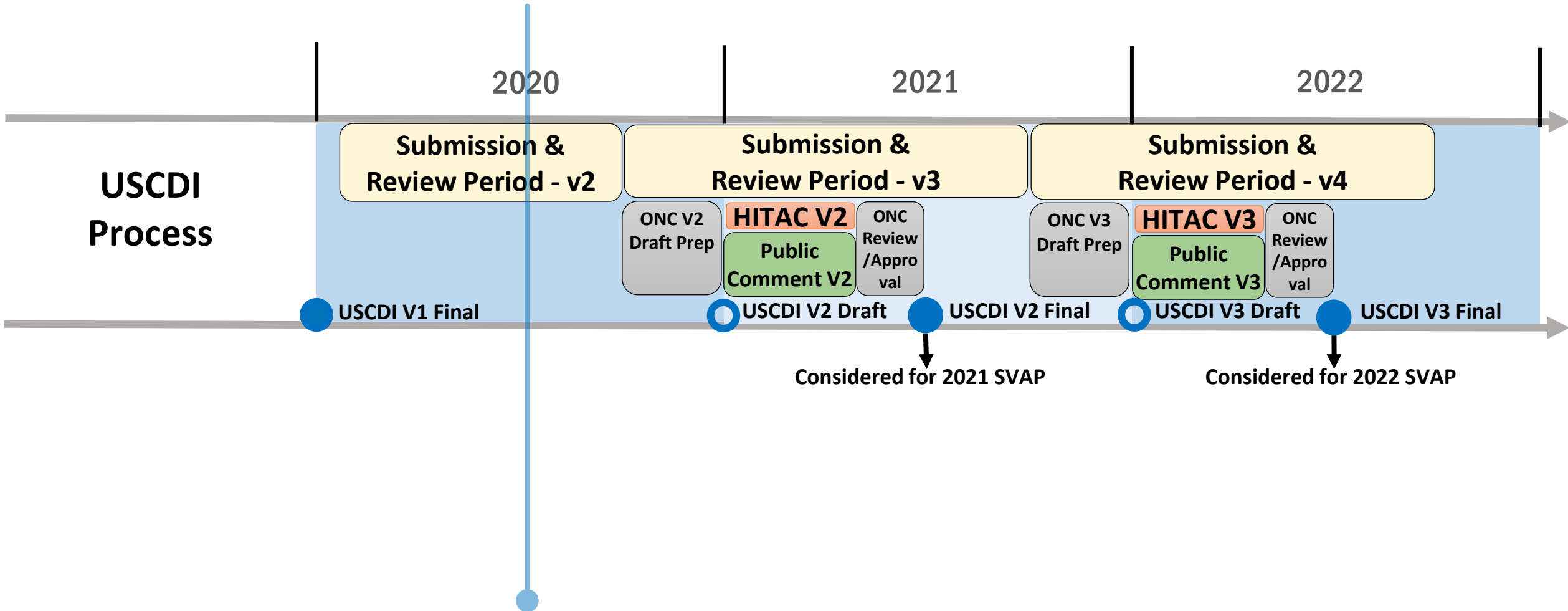
Maturity

- Standards/Implementation Guides
- Extent of Use
- Extent of Exchange

Potential Challenges

- IP/Licensing/Cost
- Development/Implementation Burden
- Privacy/Security

USCDI and Standards Version Advancement Process (SVAP)





Standards Version Advancement Process (SVAP) Update

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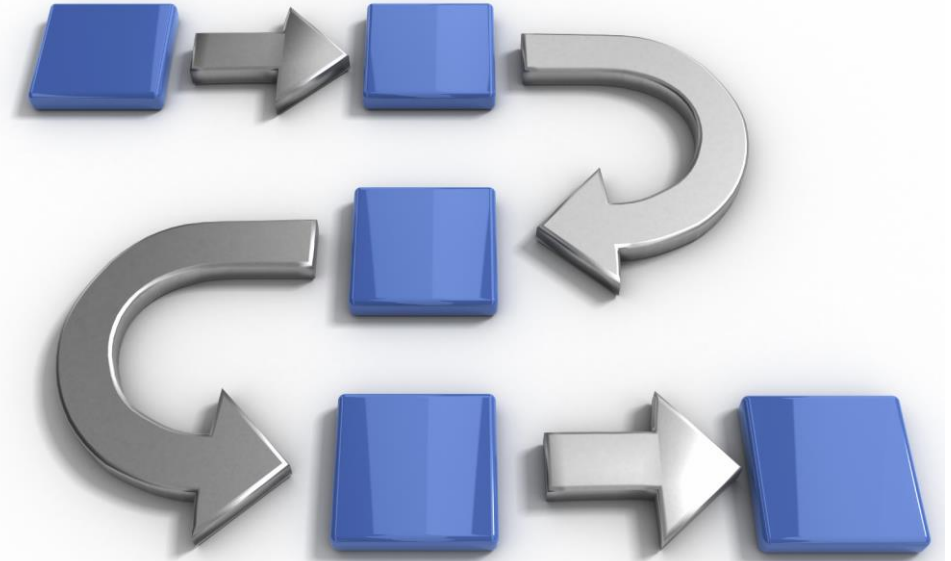
Standards Version Advancement Process (SVAP)

- Allows health IT developers to incorporate newer versions of standards and implementation specifications into certified products following National Coordinator approval.
- Public comments will be solicited from health IT stakeholders to make determination as to readiness for advancement.
- More information and list of eligible standards/specifications available at www.healthit.gov/SVAP

| Standards Version Advancement Process | | | |
|---|---|---|---|
| <p>ONC has established the voluntary Standards Version Advancement Process (SVAP)¹ to enable health IT developers' ability to incorporate newer versions of Secretary-adopted standards and implementation specifications, as part of the "Real World Testing" Condition and Maintenance of Certification requirement (§ 170.405) of the 21st Century Cures Act.</p> <p>Using SVAP, certified health IT developers are permitted to voluntarily use a more advanced version of the standard(s) and implementation specification(s) approved by the National Coordinator, than is adopted in the ONC 2015 Edition Certification Criteria. Currently, this flexibility is limited to standards and implementation specifications that are adopted in the certification criteria required to meet "Real World Testing" condition of certification, which include § 170.315(b), (c)(1) through (c)(3), (e)(1), (f), (g)(7) through (g)(10), and (h).</p> <p>Health IT developers taking advantage of the SVAP flexibility must ensure that their real world testing plans and results of the certified health modules use these updated standards and implementation specifications. Additionally, certified health IT developers are required to provide advance notice to their clients and their ONC-Authorized Certification Body (ONC-ACB) before adopting the new standards.</p> <p>Working with industry stakeholders and providing ample notice, ONC will follow a collaborative process to identify a more advanced version of the standards or implementation specifications, for approval by the National Coordinator. More details, including timelines, anticipated comment periods, and other operational information for the SVAP will be made available at this page soon.</p> <p>The table below lists the standards and implementation specifications (and their versions) that will be considered for advancement via the Standards Version Advancement Process. It does not include any minimum vocabulary standards as health IT can continue to be certified or upgraded to newer version(s) of identified minimum standard code sets, unless newer version(s) are explicitly prohibited by the Secretary. The table can be sorted by either "Current Standard / Implementation Specification" or "Regulatory Text Citation" by clicking on the column name.</p> | | | |
| Current Standard / Implementation Specification listing in IBR (170.299) | Regulatory Text Citation for Standard / Implementation Specification Adopted [▲] | Certification Criteria(on) References Standard / Implementation Specification | National Coordinator Approved Advanced Version(s) |
| Applicability Statement for Secure Health Transport, Version 1.2, August 2015 (Direct) | § 170.202(a)(2) | § 170.315(b)(1) - Transitions of care § 170.315(h)(1) - Direct Project § 170.315(h)(2) - Direct Project, Edge Protocol, and XDR/XDM | |
| XDR and XDM for Direct Messaging Specification, Version 1, March 9, 2011 | § 170.202(b) | § 170.315(h)(2) - Direct Project, Edge Protocol, and XDR/XDM | |
| ONC Implementation Guide for Direct Edge Protocols, Version 1.1, June 25, 2014 | § 170.202(d) | § 170.315(b)(1) - Transitions of care § 170.315(h)(2) - Direct Project, Edge Protocol, and XDR/XDM | |
| Implementation Guide for Delivery Notification in Direct, Version 1.0, June 29, 2012 | § 170.202(e)(1) | § 170.315(h)(1) - Direct Project § 170.315(h)(2) - Direct Project, Edge Protocol, and XDR/XDM | |
| Web Content Accessibility Guidelines (WCAG) 2.0, | § 170.204(a)(1) | § 170.315(e)(1) - View, download, and transmit to 3rd party | |

SVAP Operational Details

- ONC considers and identifies standards / specifications that may be ready for advancement via SVAP
- Regular recurring (e.g., Summer, annually) comment period to solicit input from health IT stakeholders on all SVAP standards / specifications
- ONC reviews public comments and makes recommendation for SVAP standards / specifications to National Coordinator
- National Coordinator publishes list of newer versions of standards / specifications approved under SVAP authority
- Updates to test tools may be made available by the Certification Program, as needed





Open Discussion/Q&A