ONC Objectives, Benchmarks, and Measurements

HITAC Meeting, October 21, 2020

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21st Century Cures Act Requirement

For the purpose of the HITAC Annual Report, Section 4003 of the 21st Century Cures Act states that:

" …the National Coordinator, in collaboration with the Secretary, shall establish, and update as appropriate, objectives and benchmarks for advancing and measuring the advancement of the priority target areas… "

- ONC sets the objectives and benchmarks used in the development of the HITAC Annual Report

- ONC objectives and benchmarks align with the draft *2020-2025 Federal Health IT Strategic Plan*

- ONC is open to feedback from HITAC members about the objectives and benchmarks, in particular how these advance the priority target areas

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ONC Objectives in the Draft
2020-2025 Federal Health IT Strategic Plan

Objectives

Goal

Advance the development and use of health IT capabilities

Establish expectations for data sharing

Connect Healthcare with Health Data

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ONC Activities for Benchmarking Progress

Standards

Certification

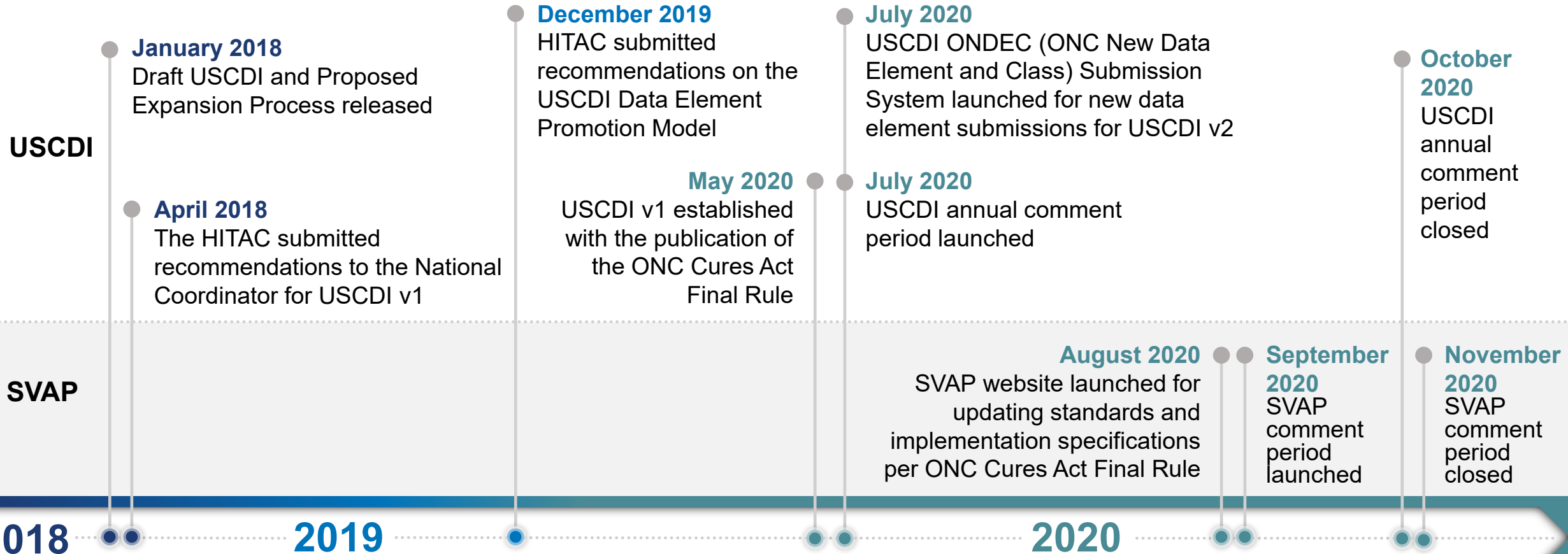## Exchange

ONC Standards Activities:
United States Core Data for Interoperability (USCDI) and Standards Version Advancement Process (SVAP)

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FY18-FY20 Accomplishments:

USCDI

January 2018
Draft USCDI and Proposed Expansion Process released

April 2018
The HITAC submitted recommendations to the National Coordinator for USCDI v1

December 2019
HITAC submitted recommendations on the USCDI Data Element Promotion Model

May 2020
USCDI v1 established with the publication of the ONC Cures Act Final Rule

July 2020
USCDI ONDEC (ONC New Data Element and Class) Submission System launched for new data element submissions for USCDI v2

July 2020
USCDI annual comment period launched

October 2020
USCDI annual comment period closed

SVAP

August 2020
SVAP website launched for updating standards and implementation specifications per ONC Cures Act Final Rule

September 2020
SVAP comment period launched

November 2020
SVAP comment period closed

2018   **2019**   **2020**

ONC Standards Activities:
Fast Healthcare Interoperability Resources (FHIR®)

| FY18-FY20 Accomplishments:

August 2019

FHIR Bulk Data Access (Flat FHIR) Implementation Guide (v1.0.0: STU 1)

November 2018

SMART App Launch Implementation Guide (v1.0.0, STU 1)

October 2019

FHIR Release 4.0.1

November 2019

HL7 FHIR US Core Implementation Guide STU 3.1.0

August 2020

HL7 FHIR US Core Implementation Guide STU 3.1.1

2018   **2019**   **2020**
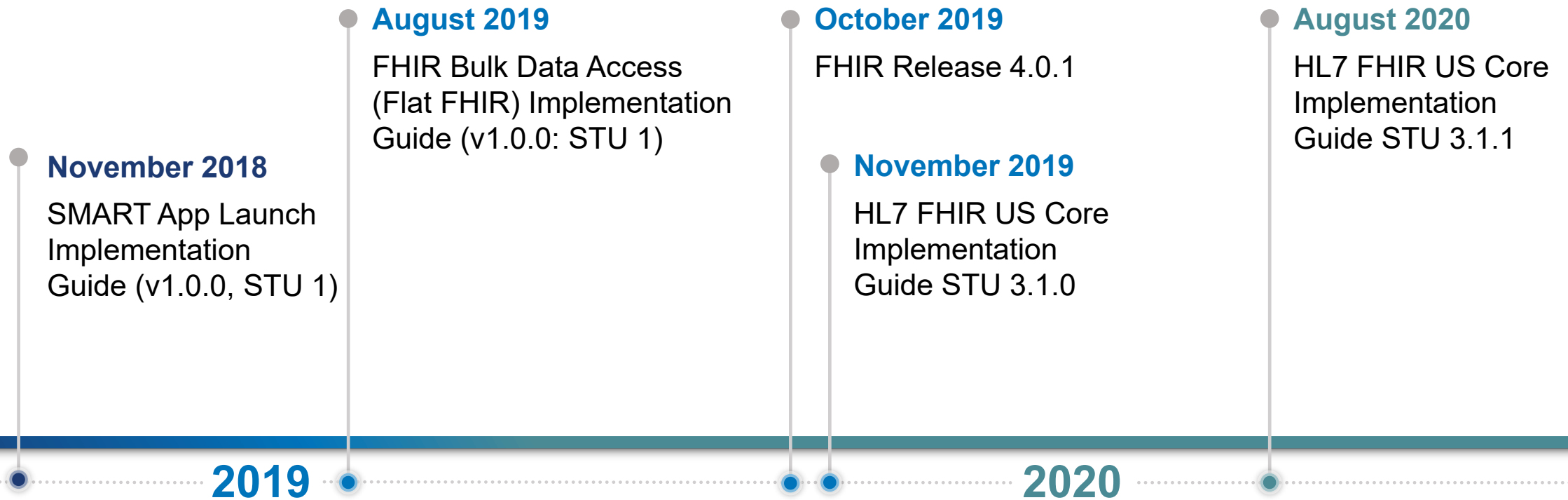
ONC Standards Activities:
United States Core Data for Interoperability (USCDI), Standards Version Advancement Process (SVAP), and Fast Healthcare Interoperability Resources (FHIR®)

FY21-FY22 Milestones:

USCDI
- Update versions of USCDI with additional data classes/data elements

SVAP
- Publish National Coordinator approved updated versions of health IT standards and implementation specifications via SVAP process

FHIR
- Release HL7 FHIR R5
- Update HL7 US FHIR Core Implementation Guide to align with USCDI updates
- Collaborate with Standards Development Organizations (SDOs) to Accelerate FHIR API Standards' Ability to Support Use Cases for Population-Level Query Services
- Publish FHIR-related guidance on Integrating the Healthcare Enterprise® (IHE) profiles

2021   2022

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ONC Standards Activities:
Public Health

FY21-FY22 Milestones:

Support Standards Development Organizations
- Develop FHIR resources to address disease, chronic conditions, and environmental factors
- Develop and update standards and Implementation Guides related to privacy, security, and consent
- Encourage the adoption of FHIR Bulk Data Access (Flat FHIR) Implementation Guide
- Support HL7 US Realm

Lab Standards
- Develop COVID-19 and public health related LOINC special use codes that describe laboratory tests ordered and taken
- Standardize the lab test order names to reduce erroneous lab orders and/or results

Support Health Information Exchange (HIE) Services
- Build innovative HIE services that benefit public health agencies
- Improve the HIE services available to support communities disproportionately impacted by the COVID-19 pandemic
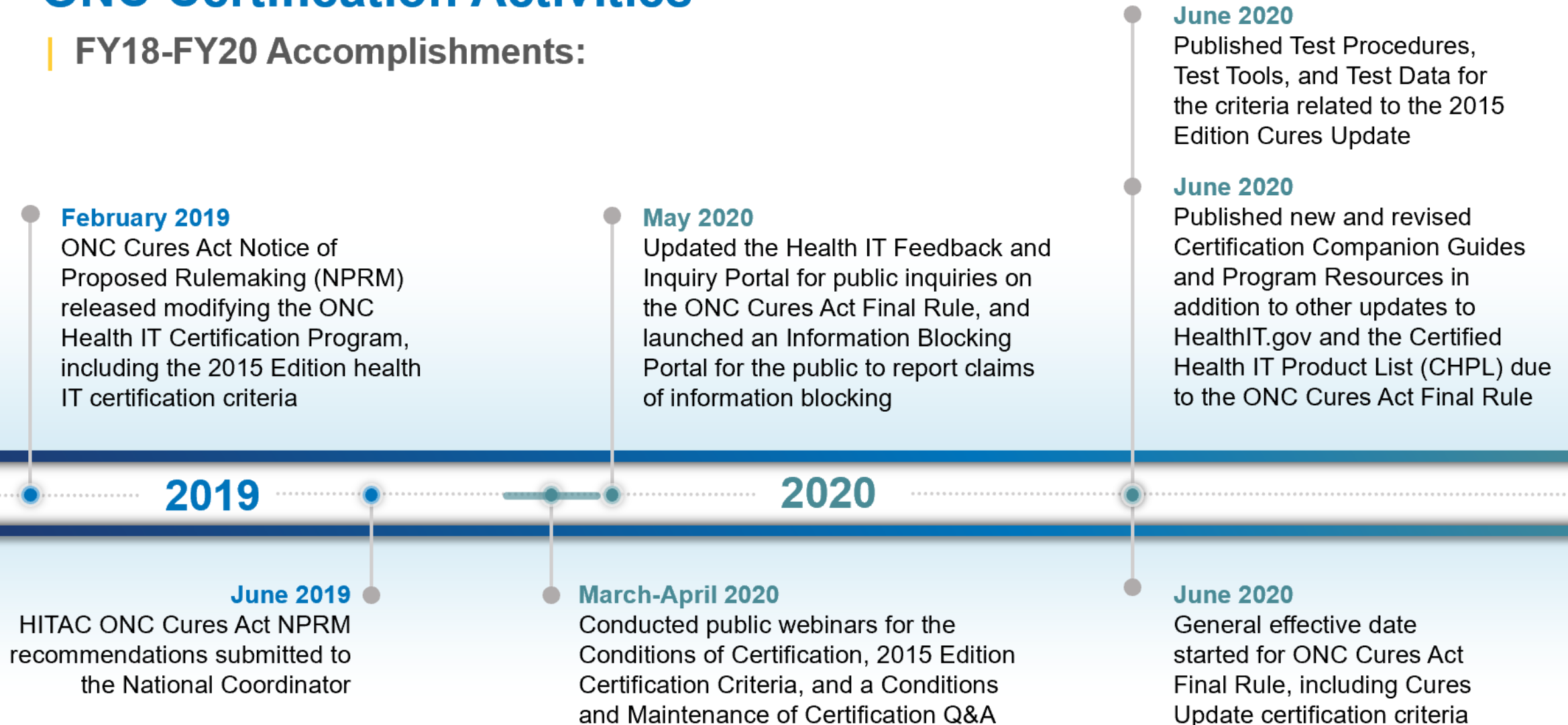
Support Standards for Federal Partners
- Facilitate testing, final balloting, and real-world deployment of Situational Awareness for Novel Epidemic Response Implementation Guide for use by Federal partners

2021   **2022**

ONC Certification Activities

FY18-FY20 Accomplishments:

June 2020
Published Test Procedures, Test Tools, and Test Data for the criteria related to the 2015 Edition Cures Update

February 2019
ONC Cures Act Notice of Proposed Rulemaking (NPRM) released modifying the ONC Health IT Certification Program, including the 2015 Edition health IT certification criteria

May 2020
Updated the Health IT Feedback and Inquiry Portal for public inquiries on the ONC Cures Act Final Rule, and launched an Information Blocking Portal for the public to report claims of information blocking

June 2020
Published new and revised Certification Companion Guides and Program Resources in addition to other updates to HealthIT.gov and the Certified Health IT Product List (CHPL) due to the ONC Cures Act Final Rule

2019   **2020**

June 2019
HITAC ONC Cures Act NPRM recommendations submitted to the National Coordinator

March-April 2020
Conducted public webinars for the Conditions of Certification, 2015 Edition Certification Criteria, and a Conditions and Maintenance of Certification Q&A

June 2020
General effective date started for ONC Cures Act Final Rule, including Cures Update certification criteria

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ONC Certification Activities

FY21-FY22 Milestones:

- Compliance requirements start for several Conditions of Certification, including Information Blocking, Assurances, API, and Communications

- First Real World Testing Plans due

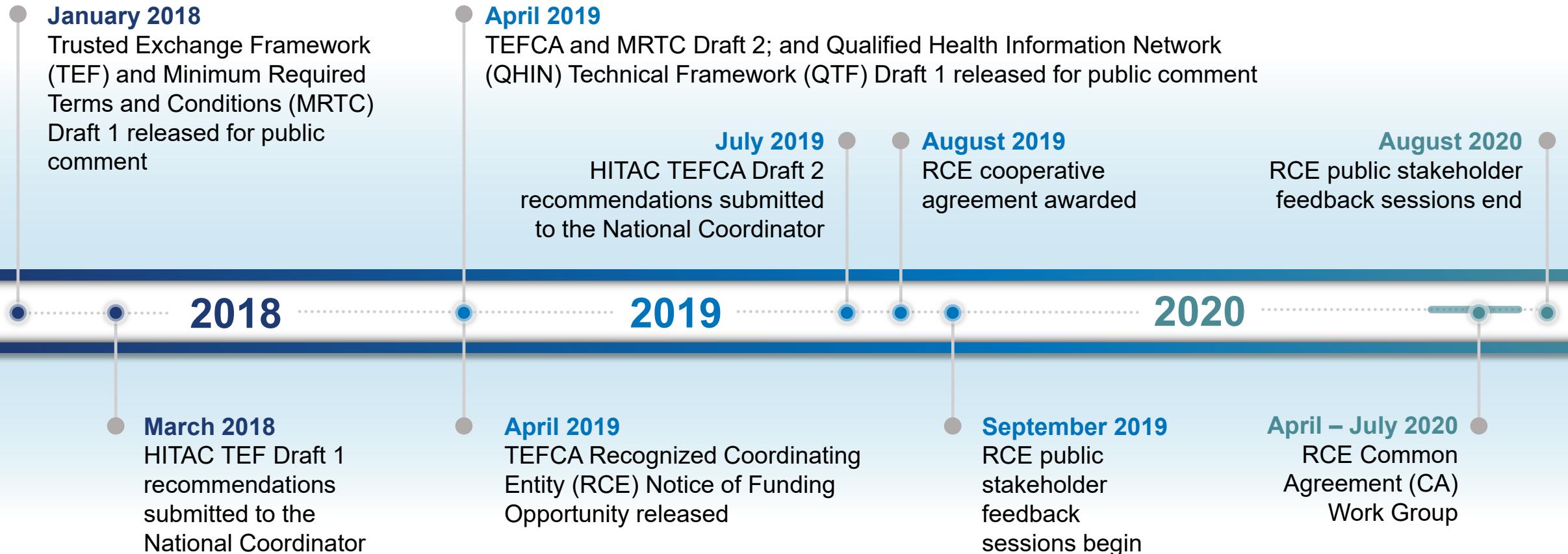- First Attestations to Conditions and Maintenance of Certification due

2021   **2022**

ONC Exchange Activities:
Trusted Exchange Framework and Common Agreement (TEFCA)

FY18-FY20 Accomplishments:

January 2018
Trusted Exchange Framework (TEF) and Minimum Required Terms and Conditions (MRTC) Draft 1 released for public comment

April 2019
TEFCA and MRTC Draft 2; and Qualified Health Information Network (QHIN) Technical Framework (QTF) Draft 1 released for public comment

July 2019
HITAC TEFCA Draft 2 recommendations submitted to the National Coordinator

August 2019
RCE cooperative agreement awarded

August 2020
RCE public stakeholder feedback sessions end

2018 — **2019** — **2020**

March 2018
HITAC TEF Draft 1 recommendations submitted to the National Coordinator

April 2019
TEFCA Recognized Coordinating Entity (RCE) Notice of Funding Opportunity released

September 2019
RCE public stakeholder feedback sessions begin

April – July 2020
RCE Common Agreement (CA) Work Group

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ONC Exchange Activities:
Trusted Exchange Framework and Common Agreement (TEFCA)

FY21-FY22 Milestones:

- Common Agreement (CA) Draft Version 1 and Qualified Health Information Network (QHIN) Technical Framework (QTF) Draft 2 60-Day Public Comment Period

- Final Trusted Exchange Framework, CA Version 1, and QTF Version 1 Published

2021   2022

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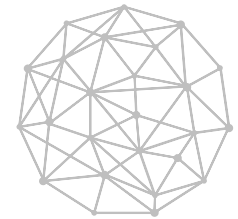
Connected Healthcare with Health Data:
Priority Target Areas in the Cures Act

Patient Access:
The facilitation of secure access by an individual and their caregiver(s) to such individual's protected health information
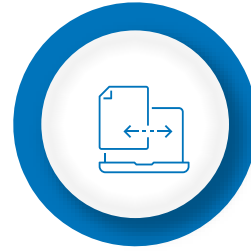
Interoperability:
Achieving a health information technology infrastructure that allows for the electronic access, exchange, and use of health information

Privacy and Security:
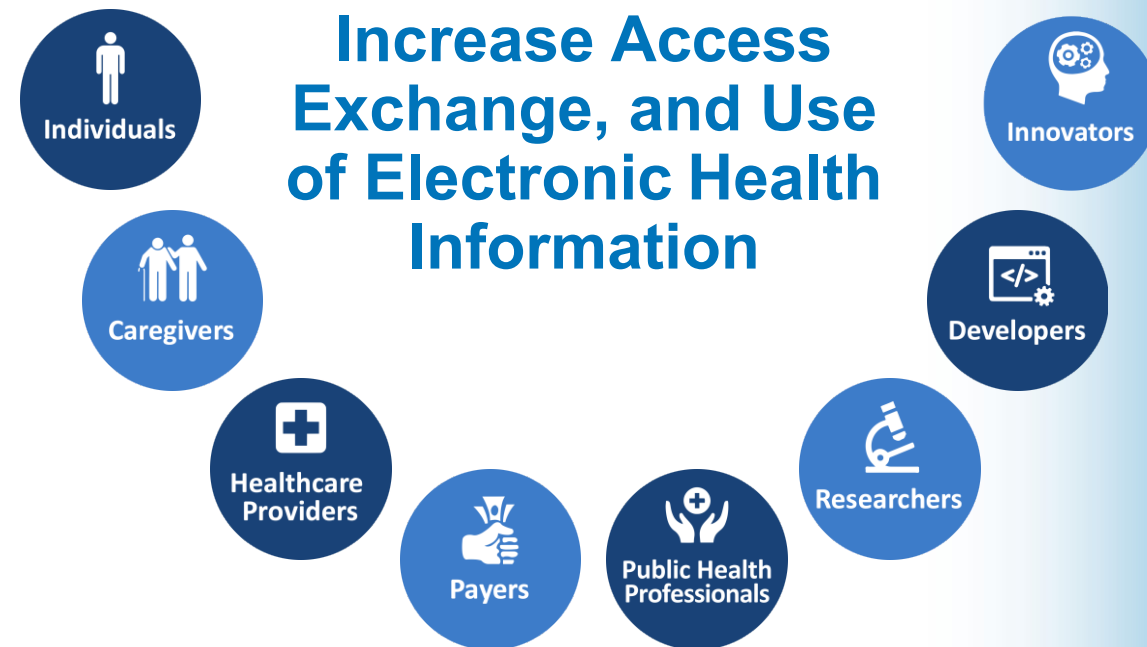The promotion and protection of privacy and security of health information in health IT

In addition to the priority target areas, the HITAC may consider certain additional target areas defined in the 21st Century Cures Act. For example, the HITAC is considering **"Use of Technologies that Support Public Health"** as an additional target area.

Proposed Measurement Concepts

Intermediate Outcomes

✓ **Increase standardization, completeness, and quality of electronic health information**

✓ **Support growth of vibrant health app economy**

✓ **Enhance technical capabilities and requirements to make electronic health information readily available**

✓ **Simplify and increase the scale of electronic health information exchange**

Interoperability Across Stakeholders

Increase Access Exchange, and Use of Electronic Health Information

Individuals

Caregivers

Healthcare Providers

Payers

Public Health Professionals

Researchers

Developers

Innovators

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Feedback on Measurement Areas

Intermediate outcomes

- Are these the right measurement concepts?

- What is missing that would be valuable to address?

- What should we prioritize?

- What concept is feasible to measure now vs. the longer-term?

Interoperability across the stakeholders

- Should ONC's measurement focus on access, exchange, and use of electronic health information?

- What stakeholders should we be measuring across?

- Who should be prioritized in the near-term?

- Should we be measuring the same set of outcomes across these stakeholders?

Data collection methods

- What are data sources and methods are available to obtain this information?

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Discussion

📞 **Phone:** 202-690-7151

💬 **Health IT Feedback Form:**
https://healthit.gov/feedback

🐦 **Twitter:** @onc_healthIT

in **LinkedIn:** Search "Office of the National Coordinator for Health Information Technology"

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